Reference Ranges for Body Composition Indices by Dual Energy X-ray Absorptiometry from the Bone Mineral Density in Childhood Study Cohort

Babette S. Zemel

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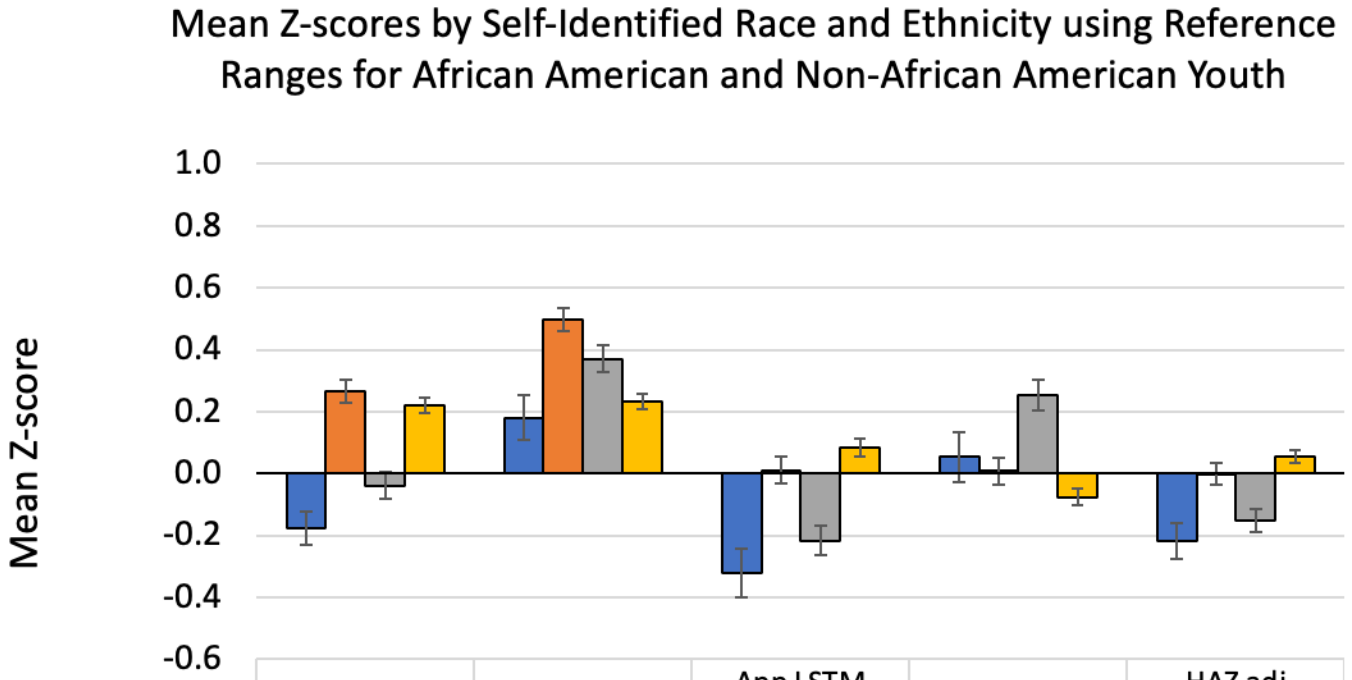

	Height*	BMI*	App LSTM Index	FMI	HAZ adj App LSTM
Asian/Pacific Islander	-0.18	0.18	-0.32	0.05	-0.22
Black	0.27	0.50	0.01	0.01	0.00
Hispanic	-0.04	0.37	-0.22	0.25	-0.15
White	0.22	0.23	0.08	-0.08	0.05

* Z-scores calculated using the CDC 2000 reference. Error bars denote 95% Confidence Interval

Supplemental Figure 1. Mean Z-scores by self-identified race and ethnicity groups for appendicular lean soft tissue mass index and HAZ-adjusted appendicular lean soft tissue mass using reference ranges for black and non-black self-identified race. Note that height and BMI Z-scores were calculated using the CDC 2000 reference.

Supplemental Table 1. List of Inclusion and Exclusion Criteria

Inclusion Criteria

A. Age from six years to sixteen years for first recruitment wave, ages 5 and 19 years for second recruitment wave

B. Residence in USA for three years or more.

C. Birth history: ≥ 37 weeks gestation. Birth weight ≥ 5 pounds.

D. Height, weight, and BMI: ≥ 3% and ≤ 97% for sex and age[26].

E. Normal developmental history: grossly normal milestones with school placement within one year of expected for chronological age.

F. If secondary sexual characteristics present or pubertal milestones achieved at time of enrollment, normal timing based on:

Girls:	Boys:
Breast development: ≥ 8 yr and ≤ 13 yr	Testes ≥ 4 cc: ≥ 9 yr and ≤ 14 yr
Menarche: ≥ 10 yr and < 16 yr	Pubic hair ≥ 9 yr
Pubic hair: African American or Hispanic ≥ 7 yr, Non-Hispanic, White or other background ≥ 8 yr	

Exclusion Criteria

A. History of medical or surgical disorder resulting in period of illness or recuperation that interrupted usual physical activity and/or dietary intake for:
- One month or more in the two years prior to enrollment
- One week or more of hospitalization, or two weeks or more of bed rest, in the six months prior to enrollment.

B. Current or previous chronic medical condition known to affect growth and maturation requiring medical follow-up beyond usual well childcare, and/or affecting or limiting activities or dietary intake.

C. Current or previous chronic medication that might affect growth, appetite, or bone mineral accrual including:
- Glucocorticoids with cumulative exposure in the two years prior to enrollment of:
  - Parental: 1 wk or more
  - Oral, inhaled or nasal: 6 wk or more
  - If exposure is below these cumulative cutoffs, to be without steroid use for six months prior to enrollment.
- Other medications or treatments:
  - Testosterone or anabolic steroid (past or present)

- Depro-Provera (Medroxyprogesterone acetate injectable)
- Growth hormone (past or present)
- Anticonvulsants
- Isotretinoin (Accutane)
- Methylphenidate or other stimulants used for ADHD in the 2 years prior to enrollment.
- Gonadotropin Inhibitors: leuprolide acetate (Lupron), nafarelin acetate (Synarel), gosarelin acetate (Zoladex) (past or present)
- Current or past treatment for an endocrine disorder, including diabetes mellitus or insipidus; thyroid, parathyroid, adrenal, gonadal, or pituitary hormone, or metabolic bone disorders.

D. Genetic or dysmorphic syndromes

E. Conditions possibly associated with abnormal bone size or shape including:
- Scoliosis: curve ≥ 20 degrees
- Kyphosis: by history or apparent at initial visit
- Skeletal dysplasia
- Hardware (indwelling metal pins, rods, staples or other radiopaque material except orthodontia and piercings above the neck)
- Deformity from fracture

F. History of low-impact fractures defined as occurring with a fall from a height not greater than subject's stature:
- Age ≤ 10 years: two fractures or more
- Age > 10 years: three fractures or more

G. Secondary amenorrhea defined as no menses for at least 6 months during or after the third post-menarcheal year

H. Current pregnancy, or prior pregnancy lasting to 3rd trimester or more (if history available)

I. Anticipated move out of the geographic area of within the study period.

J. Same sex biological sibling or half-sibling enrolled in the BMDCS

Participant in a diet or exercise intervention study (current or in the previous year)

Table S2. Appendicular Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	1.027	0.119	3.101	3.589	4.075	4.560	5.043	-0.069	0.115	3.521	3.946	4.426	4.970	5.586
5.1	1.015	0.119	3.121	3.611	4.101	4.589	5.077	-0.070	0.116	3.539	3.967	4.451	4.998	5.618
5.2	1.003	0.119	3.141	3.634	4.126	4.619	5.112	-0.070	0.116	3.558	3.989	4.476	5.027	5.651
5.3	0.991	0.120	3.160	3.656	4.152	4.649	5.146	-0.071	0.116	3.577	4.010	4.500	5.055	5.683
5.4	0.979	0.120	3.180	3.678	4.178	4.678	5.180	-0.071	0.116	3.596	4.032	4.525	5.083	5.716
5.5	0.967	0.120	3.200	3.700	4.203	4.708	5.215	-0.072	0.116	3.615	4.053	4.550	5.112	5.749
5.6	0.955	0.120	3.220	3.723	4.229	4.738	5.249	-0.072	0.116	3.633	4.075	4.574	5.140	5.781
5.7	0.943	0.120	3.239	3.745	4.254	4.767	5.283	-0.073	0.116	3.652	4.097	4.599	5.169	5.814
5.8	0.931	0.120	3.259	3.767	4.280	4.797	5.318	-0.073	0.116	3.671	4.118	4.624	5.197	5.847
5.9	0.919	0.120	3.279	3.789	4.305	4.827	5.352	-0.074	0.116	3.690	4.140	4.649	5.226	5.880
6.0	0.907	0.121	3.298	3.811	4.331	4.856	5.387	-0.074	0.117	3.709	4.161	4.674	5.254	5.913
6.1	0.895	0.121	3.318	3.833	4.356	4.886	5.421	-0.075	0.117	3.728	4.183	4.699	5.283	5.946
6.2	0.883	0.121	3.338	3.855	4.382	4.915	5.456	-0.075	0.117	3.747	4.205	4.723	5.312	5.979
6.3	0.871	0.121	3.357	3.877	4.407	4.945	5.490	-0.076	0.117	3.766	4.226	4.748	5.340	6.012
6.4	0.859	0.121	3.377	3.899	4.432	4.974	5.525	-0.076	0.117	3.785	4.248	4.773	5.369	6.045
6.5	0.847	0.121	3.396	3.921	4.458	5.004	5.559	-0.077	0.117	3.804	4.270	4.798	5.398	6.079
6.6	0.835	0.122	3.416	3.943	4.483	5.033	5.594	-0.077	0.117	3.823	4.292	4.823	5.427	6.112
6.7	0.823	0.122	3.435	3.965	4.508	5.063	5.628	-0.078	0.117	3.841	4.313	4.848	5.455	6.145
6.8	0.811	0.122	3.455	3.987	4.533	5.092	5.663	-0.078	0.118	3.860	4.335	4.873	5.484	6.178
6.9	0.799	0.122	3.474	4.009	4.559	5.122	5.698	-0.079	0.118	3.879	4.357	4.898	5.513	6.212
7.0	0.787	0.122	3.494	4.031	4.584	5.151	5.732	-0.079	0.118	3.898	4.378	4.923	5.542	6.245
7.1	0.775	0.122	3.514	4.053	4.609	5.181	5.767	-0.080	0.118	3.917	4.400	4.948	5.571	6.278
7.2	0.763	0.123	3.533	4.075	4.635	5.211	5.802	-0.080	0.118	3.936	4.422	4.973	5.599	6.312
7.3	0.751	0.123	3.553	4.097	4.660	5.240	5.837	-0.081	0.118	3.955	4.443	4.998	5.628	6.345
7.4	0.739	0.123	3.573	4.119	4.685	5.270	5.872	-0.081	0.118	3.974	4.465	5.023	5.657	6.378
7.5	0.727	0.123	3.592	4.141	4.711	5.300	5.908	-0.082	0.118	3.992	4.486	5.048	5.685	6.411
7.6	0.715	0.123	3.612	4.164	4.737	5.330	5.943	-0.082	0.119	4.011	4.508	5.072	5.714	6.444
7.7	0.703	0.123	3.632	4.186	4.762	5.360	5.979	-0.083	0.119	4.029	4.529	5.097	5.743	6.478
7.8	0.691	0.123	3.652	4.208	4.788	5.391	6.015	-0.083	0.119	4.048	4.551	5.122	5.771	6.511
7.9	0.679	0.124	3.672	4.231	4.814	5.421	6.051	-0.084	0.119	4.066	4.572	5.146	5.799	6.544
8.0	0.667	0.124	3.693	4.254	4.840	5.452	6.087	-0.084	0.119	4.085	4.593	5.171	5.828	6.576
8.1	0.655	0.124	3.713	4.276	4.867	5.483	6.123	-0.085	0.119	4.103	4.614	5.195	5.856	6.609
8.2	0.643	0.124	3.734	4.299	4.893	5.514	6.160	-0.085	0.119	4.122	4.636	5.220	5.885	6.642
8.3	0.631	0.124	3.754	4.323	4.920	5.545	6.197	-0.086	0.119	4.140	4.657	5.244	5.913	6.675
8.4	0.619	0.124	3.775	4.346	4.947	5.576	6.234	-0.086	0.120	4.159	4.678	5.269	5.942	6.709
8.5	0.607	0.125	3.796	4.369	4.974	5.608	6.272	-0.087	0.120	4.177	4.699	5.293	5.970	6.742
8.6	0.595	0.125	3.818	4.393	5.001	5.640	6.310	-0.087	0.120	4.196	4.721	5.318	5.999	6.775
8.7	0.583	0.125	3.839	4.417	5.028	5.672	6.348	-0.088	0.120	4.214	4.742	5.343	6.027	6.808
8.8	0.571	0.125	3.861	4.441	5.056	5.705	6.387	-0.088	0.120	4.233	4.764	5.368	6.056	6.842
8.9	0.559	0.125	3.883	4.466	5.084	5.738	6.426	-0.089	0.120	4.251	4.785	5.393	6.085	6.876
9.0	0.547	0.125	3.905	4.490	5.112	5.771	6.465	-0.089	0.120	4.270	4.807	5.418	6.115	6.910
9.1	0.535	0.125	3.927	4.515	5.141	5.804	6.505	-0.090	0.120	4.289	4.829	5.443	6.144	6.944
9.2	0.523	0.126	3.950	4.540	5.170	5.838	6.545	-0.090	0.121	4.308	4.851	5.469	6.174	6.979
9.3	0.511	0.126	3.973	4.566	5.199	5.872	6.585	-0.091	0.121	4.328	4.873	5.495	6.204	7.014
9.4	0.499	0.126	3.996	4.591	5.228	5.906	6.626	-0.091	0.121	4.347	4.896	5.521	6.234	7.049
9.5	0.487	0.126	4.019	4.617	5.258	5.941	6.667	-0.092	0.121	4.367	4.919	5.547	6.265	7.085
9.6	0.475	0.126	4.043	4.643	5.287	5.976	6.708	-0.092	0.121	4.387	4.942	5.574	6.296	7.121
9.7	0.463	0.126	4.066	4.669	5.317	6.011	6.750	-0.093	0.121	4.407	4.965	5.601	6.327	7.158
9.8	0.451	0.126	4.090	4.696	5.348	6.046	6.792	-0.093	0.121	4.428	4.989	5.629	6.359	7.195
9.9	0.439	0.126	4.114	4.723	5.378	6.082	6.834	-0.094	0.121	4.449	5.013	5.657	6.392	7.233
10.0	0.427	0.126	4.139	4.750	5.409	6.118	6.877	-0.094	0.122	4.470	5.038	5.685	6.425	7.271
10.1	0.415	0.127	4.163	4.777	5.440	6.154	6.920	-0.095	0.122	4.491	5.062	5.714	6.458	7.310
10.2	0.403	0.127	4.188	4.804	5.471	6.190	6.963	-0.095	0.122	4.513	5.088	5.743	6.492	7.350
10.3	0.391	0.127	4.213	4.831	5.502	6.226	7.006	-0.096	0.122	4.536	5.114	5.773	6.527	7.390
10.4	0.379	0.127	4.238	4.859	5.533	6.263	7.049	-0.096	0.122	4.558	5.140	5.803	6.562	7.431
10.5	0.367	0.127	4.263	4.886	5.565	6.299	7.093	-0.097	0.122	4.582	5.167	5.835	6.598	7.473
10.6	0.355	0.127	4.288	4.914	5.596	6.336	7.137	-0.097	0.122	4.605	5.194	5.866	6.635	7.516
10.7	0.343	0.127	4.313	4.942	5.627	6.373	7.180	-0.098	0.123	4.630	5.222	5.898	6.672	7.559

Table S2. Appendicular Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
10.8	0.332	0.127	4.338	4.969	5.659	6.409	7.224	-0.098	0.123	4.654	5.250	5.931	6.711	7.604
10.9	0.320	0.127	4.364	4.997	5.690	6.446	7.267	-0.099	0.123	4.680	5.279	5.965	6.750	7.649
11.0	0.308	0.127	4.389	5.024	5.721	6.482	7.311	-0.099	0.123	4.705	5.309	5.999	6.789	7.695
11.1	0.296	0.127	4.414	5.052	5.752	6.518	7.354	-0.100	0.123	4.732	5.340	6.034	6.830	7.743
11.2	0.284	0.127	4.439	5.079	5.783	6.554	7.397	-0.101	0.123	4.759	5.370	6.070	6.871	7.791
11.3	0.272	0.128	4.464	5.106	5.814	6.590	7.440	-0.101	0.123	4.786	5.402	6.107	6.914	7.840
11.4	0.260	0.128	4.488	5.133	5.844	6.626	7.482	-0.102	0.123	4.814	5.434	6.144	6.957	7.890
11.5	0.248	0.128	4.513	5.160	5.874	6.661	7.524	-0.102	0.124	4.843	5.467	6.182	7.001	7.941
11.6	0.236	0.128	4.537	5.186	5.904	6.696	7.566	-0.103	0.124	4.872	5.501	6.221	7.046	7.993
11.7	0.224	0.128	4.561	5.212	5.933	6.730	7.607	-0.103	0.124	4.902	5.535	6.260	7.092	8.046
11.8	0.212	0.128	4.585	5.238	5.962	6.764	7.647	-0.104	0.124	4.932	5.570	6.301	7.138	8.100
11.9	0.200	0.128	4.608	5.263	5.991	6.797	7.687	-0.104	0.124	4.963	5.606	6.342	7.186	8.155
12.0	0.188	0.128	4.631	5.288	6.019	6.830	7.727	-0.105	0.124	4.995	5.642	6.383	7.234	8.211
12.1	0.176	0.128	4.654	5.312	6.046	6.862	7.766	-0.105	0.124	5.027	5.679	6.426	7.282	8.267
12.2	0.164	0.128	4.676	5.336	6.073	6.893	7.804	-0.106	0.124	5.059	5.716	6.468	7.332	8.325
12.3	0.152	0.128	4.698	5.360	6.100	6.924	7.841	-0.106	0.125	5.092	5.754	6.512	7.382	8.383
12.4	0.140	0.128	4.719	5.383	6.125	6.954	7.878	-0.107	0.125	5.126	5.792	6.556	7.433	8.442
12.5	0.128	0.128	4.740	5.405	6.151	6.984	7.914	-0.107	0.125	5.159	5.831	6.601	7.484	8.501
12.6	0.116	0.128	4.760	5.427	6.175	7.013	7.949	-0.108	0.125	5.194	5.870	6.646	7.536	8.561
12.7	0.104	0.128	4.780	5.448	6.199	7.041	7.984	-0.108	0.125	5.228	5.910	6.691	7.589	8.622
12.8	0.092	0.128	4.800	5.469	6.222	7.068	8.018	-0.109	0.125	5.263	5.950	6.737	7.642	8.683
12.9	0.080	0.128	4.819	5.489	6.245	7.095	8.051	-0.109	0.125	5.298	5.990	6.783	7.695	8.744
13.0	0.068	0.128	4.837	5.509	6.267	7.121	8.083	-0.110	0.125	5.334	6.030	6.830	7.748	8.806
13.1	0.056	0.128	4.855	5.528	6.288	7.146	8.114	-0.110	0.125	5.369	6.071	6.876	7.802	8.868
13.2	0.044	0.128	4.872	5.546	6.308	7.170	8.144	-0.111	0.126	5.405	6.112	6.923	7.856	8.930
13.3	0.032	0.128	4.889	5.564	6.328	7.194	8.174	-0.111	0.126	5.441	6.153	6.970	7.910	8.993
13.4	0.020	0.129	4.905	5.581	6.347	7.217	8.203	-0.112	0.126	5.476	6.194	7.017	7.964	9.055
13.5	0.008	0.129	4.921	5.597	6.366	7.239	8.231	-0.112	0.126	5.512	6.235	7.064	8.018	9.117
13.6	-0.004	0.129	4.936	5.613	6.384	7.260	8.258	-0.113	0.126	5.548	6.276	7.111	8.072	9.179
13.7	-0.016	0.129	4.951	5.629	6.401	7.281	8.284	-0.113	0.126	5.584	6.316	7.158	8.125	9.241
13.8	-0.028	0.129	4.965	5.643	6.417	7.301	8.310	-0.114	0.126	5.619	6.357	7.204	8.179	9.302
13.9	-0.040	0.129	4.979	5.658	6.433	7.320	8.335	-0.114	0.126	5.655	6.397	7.250	8.232	9.364
14.0	-0.052	0.129	4.992	5.671	6.449	7.339	8.359	-0.115	0.126	5.690	6.437	7.296	8.284	9.424
14.1	-0.064	0.129	5.004	5.684	6.463	7.357	8.383	-0.115	0.126	5.725	6.477	7.342	8.337	9.484
14.2	-0.076	0.129	5.017	5.697	6.477	7.374	8.406	-0.116	0.126	5.759	6.516	7.387	8.388	9.544
14.3	-0.088	0.129	5.028	5.709	6.491	7.390	8.428	-0.116	0.126	5.793	6.555	7.431	8.439	9.603
14.4	-0.100	0.129	5.039	5.720	6.503	7.406	8.449	-0.117	0.126	5.827	6.594	7.475	8.490	9.661
14.5	-0.112	0.129	5.050	5.731	6.516	7.422	8.470	-0.117	0.126	5.860	6.632	7.518	8.539	9.718
14.6	-0.124	0.129	5.060	5.741	6.527	7.436	8.490	-0.118	0.126	5.893	6.669	7.561	8.588	9.774
14.7	-0.136	0.129	5.070	5.751	6.538	7.450	8.509	-0.118	0.126	5.925	6.706	7.603	8.636	9.829
14.8	-0.148	0.129	5.079	5.761	6.549	7.464	8.528	-0.119	0.127	5.957	6.742	7.644	8.683	9.883
14.9	-0.160	0.130	5.088	5.770	6.559	7.477	8.546	-0.119	0.127	5.988	6.777	7.684	8.729	9.937
15.0	-0.172	0.130	5.097	5.778	6.569	7.489	8.564	-0.120	0.127	6.018	6.811	7.724	8.775	9.989
15.1	-0.184	0.130	5.105	5.786	6.578	7.501	8.581	-0.120	0.127	6.048	6.845	7.762	8.819	10.039
15.2	-0.196	0.130	5.113	5.794	6.586	7.512	8.598	-0.121	0.127	6.077	6.878	7.800	8.862	10.089
15.3	-0.208	0.130	5.120	5.801	6.594	7.523	8.614	-0.121	0.127	6.105	6.910	7.837	8.904	10.138
15.4	-0.220	0.130	5.127	5.808	6.602	7.533	8.630	-0.122	0.127	6.133	6.942	7.872	8.945	10.185
15.5	-0.232	0.130	5.133	5.814	6.609	7.543	8.645	-0.122	0.127	6.160	6.972	7.907	8.985	10.230
15.6	-0.244	0.130	5.140	5.820	6.616	7.552	8.660	-0.123	0.127	6.186	7.002	7.941	9.024	10.275
15.7	-0.256	0.130	5.145	5.826	6.623	7.561	8.674	-0.123	0.127	6.211	7.031	7.974	9.061	10.318
15.8	-0.268	0.130	5.151	5.831	6.629	7.570	8.688	-0.124	0.127	6.236	7.059	8.006	9.098	10.360
15.9	-0.280	0.131	5.156	5.836	6.634	7.578	8.701	-0.124	0.127	6.260	7.086	8.036	9.133	10.401
16.0	-0.292	0.131	5.161	5.840	6.640	7.586	8.714	-0.125	0.127	6.283	7.112	8.066	9.167	10.440
16.1	-0.304	0.131	5.166	5.845	6.645	7.594	8.727	-0.125	0.127	6.305	7.137	8.095	9.200	10.478
16.2	-0.316	0.131	5.170	5.849	6.649	7.601	8.740	-0.126	0.127	6.327	7.162	8.123	9.232	10.514
16.3	-0.328	0.131	5.174	5.853	6.654	7.608	8.752	-0.126	0.127	6.347	7.185	8.150	9.263	10.550
16.4	-0.340	0.131	5.178	5.856	6.658	7.614	8.764	-0.127	0.127	6.367	7.208	8.176	9.292	10.584
16.5	-0.352	0.131	5.182	5.859	6.662	7.621	8.776	-0.127	0.127	6.387	7.230	8.200	9.321	10.616

Table S2. Appendicular Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
16.6	-0.364	0.131	5.186	5.862	6.666	7.627	8.788	-0.128	0.127	6.405	7.251	8.224	9.348	10.648
16.7	-0.376	0.132	5.189	5.865	6.669	7.633	8.799	-0.128	0.127	6.423	7.271	8.248	9.374	10.678
16.8	-0.388	0.132	5.192	5.868	6.672	7.638	8.810	-0.129	0.127	6.441	7.291	8.270	9.400	10.707
16.9	-0.400	0.132	5.195	5.871	6.676	7.644	8.821	-0.129	0.127	6.457	7.309	8.291	9.424	10.735
17.0	-0.412	0.132	5.198	5.873	6.678	7.649	8.832	-0.130	0.127	6.473	7.328	8.311	9.447	10.761
17.1	-0.424	0.132	5.201	5.875	6.681	7.654	8.843	-0.130	0.127	6.489	7.345	8.331	9.469	10.787
17.2	-0.436	0.132	5.203	5.877	6.684	7.659	8.853	-0.131	0.127	6.503	7.361	8.350	9.491	10.811
17.3	-0.448	0.132	5.206	5.879	6.686	7.664	8.863	-0.131	0.127	6.517	7.377	8.368	9.511	10.835
17.4	-0.460	0.133	5.208	5.881	6.688	7.669	8.874	-0.132	0.127	6.531	7.393	8.385	9.531	10.857
17.5	-0.472	0.133	5.210	5.882	6.690	7.673	8.884	-0.132	0.127	6.544	7.407	8.401	9.549	10.878
17.6	-0.484	0.133	5.212	5.884	6.692	7.677	8.894	-0.133	0.127	6.557	7.421	8.417	9.567	10.899
17.7	-0.496	0.133	5.214	5.885	6.694	7.681	8.904	-0.133	0.127	6.569	7.435	8.432	9.584	10.918
17.8	-0.508	0.133	5.216	5.886	6.695	7.685	8.913	-0.134	0.127	6.580	7.448	8.447	9.601	10.937
17.9	-0.520	0.133	5.217	5.887	6.697	7.689	8.923	-0.134	0.127	6.591	7.460	8.461	9.617	10.955
18.0	-0.532	0.133	5.219	5.888	6.698	7.693	8.932	-0.135	0.127	6.602	7.472	8.474	9.631	10.972
18.1	-0.544	0.134	5.220	5.889	6.699	7.696	8.942	-0.135	0.127	6.612	7.483	8.487	9.646	10.988
18.2	-0.556	0.134	5.221	5.889	6.700	7.699	8.951	-0.136	0.127	6.622	7.494	8.499	9.659	11.003
18.3	-0.568	0.134	5.223	5.890	6.701	7.702	8.960	-0.136	0.127	6.632	7.505	8.511	9.673	11.018
18.4	-0.580	0.134	5.224	5.890	6.702	7.705	8.969	-0.137	0.127	6.641	7.515	8.522	9.685	11.032
18.5	-0.592	0.134	5.225	5.891	6.702	7.708	8.977	-0.138	0.127	6.650	7.524	8.533	9.697	11.046
18.6	-0.604	0.134	5.226	5.891	6.703	7.711	8.986	-0.138	0.127	6.658	7.534	8.543	9.709	11.059
18.7	-0.616	0.134	5.226	5.891	6.703	7.713	8.995	-0.139	0.127	6.667	7.543	8.553	9.720	11.072
18.8	-0.628	0.135	5.227	5.891	6.703	7.716	9.003	-0.139	0.127	6.675	7.552	8.563	9.731	11.084
18.9	-0.640	0.135	5.228	5.890	6.703	7.718	9.011	-0.140	0.127	6.683	7.561	8.572	9.741	11.096
19.0	-0.652	0.135	5.228	5.890	6.703	7.720	9.019	-0.140	0.127	6.690	7.569	8.582	9.752	11.107
19.1	-0.664	0.135	5.228	5.890	6.703	7.722	9.027	-0.141	0.127	6.698	7.577	8.591	9.762	11.118
19.2	-0.676	0.135	5.229	5.889	6.703	7.724	9.035	-0.141	0.127	6.705	7.585	8.599	9.771	11.129
19.3	-0.688	0.135	5.229	5.889	6.702	7.726	9.043	-0.142	0.127	6.713	7.593	8.608	9.781	11.139
19.4	-0.700	0.136	5.229	5.888	6.702	7.727	9.051	-0.142	0.127	6.720	7.601	8.617	9.790	11.150
19.5	-0.712	0.136	5.229	5.887	6.701	7.729	9.059	-0.143	0.126	6.727	7.609	8.625	9.799	11.160
19.6	-0.724	0.136	5.229	5.887	6.701	7.730	9.066	-0.143	0.126	6.734	7.617	8.634	9.809	11.170
19.7	-0.736	0.136	5.229	5.886	6.700	7.732	9.074	-0.144	0.126	6.742	7.624	8.642	9.818	11.180
19.8	-0.748	0.136	5.229	5.885	6.699	7.733	9.081	-0.144	0.126	6.749	7.632	8.650	9.827	11.190
19.9	-0.760	0.136	5.229	5.884	6.698	7.734	9.089	-0.145	0.126	6.756	7.640	8.659	9.836	11.200
20.0	-0.772	0.136	5.229	5.883	6.697	7.735	9.096	-0.145	0.126	6.763	7.648	8.667	9.845	11.211

Table S3. Fat Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.219	0.260	2.449	3.112	4.006	5.235	6.954	-0.218	0.267	1.983	2.536	3.289	4.332	5.807
5.1	-0.220	0.261	2.447	3.112	4.012	5.249	6.986	-0.221	0.269	1.976	2.531	3.287	4.338	5.830
5.2	-0.222	0.262	2.445	3.113	4.018	5.265	7.019	-0.225	0.271	1.969	2.525	3.284	4.344	5.854
5.3	-0.223	0.264	2.444	3.114	4.023	5.280	7.051	-0.228	0.273	1.963	2.519	3.282	4.350	5.879
5.4	-0.225	0.265	2.442	3.115	4.029	5.295	7.084	-0.232	0.275	1.956	2.513	3.280	4.357	5.904
5.5	-0.226	0.266	2.440	3.116	4.035	5.311	7.118	-0.235	0.277	1.949	2.508	3.279	4.364	5.930
5.6	-0.228	0.268	2.439	3.117	4.041	5.327	7.152	-0.239	0.278	1.943	2.503	3.277	4.371	5.957
5.7	-0.229	0.269	2.437	3.118	4.048	5.343	7.187	-0.242	0.280	1.936	2.498	3.276	4.379	5.984
5.8	-0.231	0.270	2.436	3.119	4.054	5.360	7.223	-0.246	0.282	1.930	2.493	3.275	4.388	6.013
5.9	-0.232	0.272	2.434	3.120	4.061	5.376	7.259	-0.249	0.284	1.924	2.488	3.274	4.396	6.043
6.0	-0.234	0.273	2.433	3.122	4.068	5.394	7.295	-0.253	0.286	1.919	2.484	3.274	4.406	6.074
6.1	-0.235	0.274	2.432	3.123	4.075	5.411	7.333	-0.256	0.288	1.913	2.480	3.274	4.416	6.106
6.2	-0.237	0.276	2.431	3.125	4.082	5.429	7.371	-0.260	0.290	1.908	2.476	3.275	4.427	6.140
6.3	-0.238	0.277	2.430	3.127	4.090	5.448	7.410	-0.263	0.292	1.903	2.473	3.276	4.439	6.175
6.4	-0.240	0.278	2.430	3.130	4.098	5.467	7.450	-0.267	0.294	1.899	2.470	3.278	4.451	6.212
6.5	-0.241	0.280	2.429	3.132	4.106	5.486	7.491	-0.270	0.296	1.894	2.468	3.280	4.465	6.251
6.6	-0.243	0.281	2.429	3.135	4.115	5.506	7.533	-0.274	0.298	1.891	2.466	3.283	4.479	6.291
6.7	-0.244	0.283	2.429	3.138	4.124	5.527	7.575	-0.277	0.300	1.887	2.464	3.287	4.495	6.334
6.8	-0.246	0.284	2.429	3.141	4.133	5.548	7.619	-0.281	0.302	1.885	2.464	3.292	4.512	6.379
6.9	-0.247	0.285	2.429	3.145	4.143	5.569	7.664	-0.284	0.304	1.882	2.464	3.297	4.531	6.426
7.0	-0.249	0.287	2.430	3.148	4.153	5.592	7.709	-0.288	0.306	1.880	2.464	3.303	4.550	6.475
7.1	-0.250	0.288	2.430	3.152	4.163	5.614	7.756	-0.292	0.308	1.879	2.465	3.311	4.571	6.527
7.2	-0.251	0.289	2.431	3.157	4.174	5.638	7.804	-0.295	0.310	1.878	2.467	3.318	4.593	6.581
7.3	-0.253	0.291	2.433	3.161	4.185	5.661	7.852	-0.299	0.312	1.878	2.469	3.327	4.616	6.637
7.4	-0.254	0.292	2.434	3.166	4.197	5.686	7.901	-0.302	0.314	1.878	2.472	3.337	4.641	6.696
7.5	-0.256	0.294	2.435	3.171	4.209	5.711	7.952	-0.306	0.316	1.878	2.475	3.347	4.667	6.757
7.6	-0.257	0.295	2.437	3.176	4.221	5.736	8.003	-0.309	0.318	1.879	2.479	3.358	4.694	6.821
7.7	-0.259	0.296	2.439	3.182	4.233	5.762	8.055	-0.313	0.320	1.880	2.484	3.370	4.723	6.887
7.8	-0.260	0.298	2.441	3.188	4.246	5.788	8.107	-0.317	0.322	1.882	2.489	3.383	4.752	6.955
7.9	-0.262	0.299	2.444	3.194	4.259	5.815	8.161	-0.320	0.324	1.884	2.495	3.397	4.783	7.026
8.0	-0.263	0.300	2.446	3.200	4.272	5.842	8.215	-0.324	0.326	1.887	2.501	3.411	4.815	7.100
8.1	-0.264	0.302	2.449	3.206	4.286	5.869	8.270	-0.328	0.328	1.890	2.508	3.426	4.848	7.175
8.2	-0.266	0.303	2.452	3.213	4.300	5.897	8.325	-0.331	0.330	1.893	2.515	3.441	4.882	7.252
8.3	-0.267	0.304	2.454	3.219	4.314	5.925	8.381	-0.335	0.332	1.897	2.522	3.457	4.917	7.332
8.4	-0.269	0.306	2.458	3.226	4.328	5.953	8.437	-0.339	0.334	1.900	2.530	3.473	4.952	7.413
8.5	-0.270	0.307	2.461	3.233	4.342	5.981	8.493	-0.342	0.336	1.904	2.538	3.489	4.988	7.496
8.6	-0.271	0.308	2.464	3.240	4.356	6.010	8.550	-0.346	0.338	1.909	2.546	3.506	5.025	7.580
8.7	-0.273	0.309	2.467	3.248	4.371	6.038	8.607	-0.350	0.340	1.913	2.554	3.523	5.062	7.666
8.8	-0.274	0.311	2.471	3.255	4.385	6.067	8.664	-0.353	0.342	1.917	2.562	3.540	5.099	7.753
8.9	-0.275	0.312	2.474	3.262	4.400	6.096	8.721	-0.357	0.344	1.922	2.571	3.557	5.136	7.841
9.0	-0.276	0.313	2.478	3.270	4.415	6.125	8.779	-0.361	0.346	1.926	2.579	3.574	5.174	7.930
9.1	-0.277	0.314	2.482	3.277	4.429	6.154	8.836	-0.364	0.348	1.930	2.587	3.591	5.211	8.020
9.2	-0.279	0.315	2.486	3.285	4.444	6.183	8.893	-0.368	0.350	1.935	2.595	3.608	5.249	8.110
9.3	-0.280	0.317	2.489	3.292	4.459	6.211	8.950	-0.372	0.352	1.939	2.603	3.624	5.286	8.200
9.4	-0.281	0.318	2.493	3.300	4.474	6.240	9.007	-0.376	0.354	1.943	2.611	3.640	5.322	8.291
9.5	-0.282	0.319	2.497	3.308	4.489	6.268	9.063	-0.379	0.356	1.947	2.618	3.655	5.358	8.381
9.6	-0.283	0.320	2.501	3.316	4.503	6.297	9.119	-0.383	0.358	1.950	2.625	3.670	5.393	8.470
9.7	-0.283	0.321	2.505	3.323	4.518	6.325	9.175	-0.387	0.360	1.953	2.631	3.685	5.427	8.559
9.8	-0.284	0.322	2.510	3.331	4.533	6.353	9.230	-0.391	0.361	1.956	2.637	3.698	5.460	8.648
9.9	-0.285	0.323	2.514	3.339	4.548	6.381	9.285	-0.394	0.363	1.959	2.643	3.711	5.492	8.735
10.0	-0.286	0.324	2.518	3.347	4.562	6.409	9.340	-0.398	0.365	1.961	2.648	3.723	5.523	8.821
10.1	-0.286	0.325	2.522	3.355	4.577	6.437	9.393	-0.402	0.367	1.963	2.652	3.734	5.553	8.905
10.2	-0.287	0.326	2.527	3.363	4.592	6.465	9.447	-0.406	0.369	1.965	2.656	3.744	5.581	8.988
10.3	-0.288	0.327	2.531	3.371	4.607	6.492	9.499	-0.409	0.370	1.966	2.659	3.754	5.608	9.069
10.4	-0.288	0.328	2.536	3.379	4.621	6.519	9.551	-0.413	0.372	1.967	2.662	3.762	5.633	9.148
10.5	-0.288	0.328	2.541	3.388	4.636	6.546	9.603	-0.417	0.374	1.967	2.663	3.769	5.656	9.224
10.6	-0.289	0.329	2.545	3.396	4.651	6.574	9.654	-0.420	0.375	1.966	2.664	3.774	5.678	9.298
10.7	-0.289	0.330	2.550	3.405	4.666	6.601	9.705	-0.424	0.377	1.965	2.664	3.779	5.697	9.368
10.8	-0.289	0.331	2.556	3.413	4.681	6.628	9.755	-0.428	0.378	1.964	2.663	3.782	5.715	9.436
10.9	-0.289	0.331	2.561	3.422	4.697	6.655	9.805	-0.431	0.380	1.962	2.662	3.784	5.730	9.501
11.0	-0.289	0.332	2.566	3.432	4.713	6.682	9.855	-0.435	0.381	1.959	2.660	3.785	5.744	9.563
11.1	-0.289	0.333	2.572	3.441	4.728	6.710	9.904	-0.439	0.383	1.956	2.657	3.785	5.755	9.622

Table S3. Fat Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	-0.289	0.333	2.578	3.451	4.745	6.737	9.954	-0.442	0.384	1.952	2.653	3.783	5.764	9.677
11.3	-0.289	0.334	2.585	3.461	4.761	6.765	10.003	-0.446	0.386	1.948	2.648	3.780	5.772	9.729
11.4	-0.288	0.335	2.591	3.471	4.778	6.794	10.052	-0.449	0.387	1.943	2.643	3.776	5.777	9.777
11.5	-0.288	0.335	2.598	3.482	4.796	6.822	10.101	-0.453	0.388	1.938	2.636	3.770	5.780	9.821
11.6	-0.288	0.336	2.605	3.494	4.813	6.851	10.150	-0.456	0.390	1.932	2.629	3.763	5.780	9.862
11.7	-0.287	0.336	2.613	3.505	4.832	6.881	10.199	-0.460	0.391	1.925	2.621	3.755	5.779	9.899
11.8	-0.287	0.337	2.621	3.517	4.851	6.911	10.249	-0.463	0.392	1.919	2.613	3.746	5.776	9.932
11.9	-0.286	0.337	2.629	3.530	4.870	6.942	10.300	-0.467	0.393	1.911	2.603	3.736	5.770	9.961
12.0	-0.285	0.337	2.638	3.543	4.890	6.974	10.350	-0.470	0.395	1.903	2.593	3.725	5.763	9.987
12.1	-0.285	0.338	2.647	3.557	4.911	7.006	10.402	-0.473	0.396	1.895	2.583	3.712	5.754	10.009
12.2	-0.284	0.338	2.657	3.572	4.933	7.039	10.454	-0.477	0.397	1.887	2.572	3.699	5.743	10.028
12.3	-0.283	0.338	2.667	3.586	4.955	7.073	10.506	-0.480	0.398	1.878	2.560	3.685	5.731	10.043
12.4	-0.282	0.339	2.678	3.602	4.978	7.107	10.560	-0.483	0.399	1.869	2.548	3.670	5.717	10.055
12.5	-0.281	0.339	2.689	3.618	5.001	7.142	10.614	-0.486	0.400	1.859	2.535	3.654	5.701	10.063
12.6	-0.280	0.339	2.700	3.635	5.026	7.179	10.668	-0.489	0.401	1.849	2.522	3.638	5.684	10.068
12.7	-0.280	0.339	2.712	3.652	5.051	7.216	10.724	-0.492	0.402	1.839	2.509	3.621	5.666	10.070
12.8	-0.278	0.340	2.725	3.669	5.077	7.253	10.780	-0.495	0.403	1.829	2.496	3.603	5.647	10.070
12.9	-0.277	0.340	2.738	3.688	5.103	7.292	10.838	-0.497	0.404	1.819	2.482	3.585	5.626	10.066
13.0	-0.276	0.340	2.751	3.707	5.130	7.332	10.896	-0.500	0.405	1.808	2.468	3.567	5.605	10.060
13.1	-0.275	0.340	2.765	3.726	5.158	7.372	10.955	-0.503	0.405	1.798	2.454	3.548	5.583	10.052
13.2	-0.274	0.340	2.779	3.746	5.186	7.413	11.014	-0.505	0.406	1.787	2.440	3.530	5.561	10.042
13.3	-0.273	0.340	2.793	3.766	5.215	7.454	11.075	-0.508	0.407	1.777	2.425	3.511	5.538	10.030
13.4	-0.272	0.340	2.808	3.787	5.245	7.497	11.136	-0.510	0.408	1.766	2.411	3.492	5.514	10.016
13.5	-0.271	0.341	2.823	3.808	5.275	7.540	11.197	-0.512	0.408	1.756	2.397	3.473	5.491	10.001
13.6	-0.270	0.341	2.839	3.830	5.305	7.583	11.260	-0.515	0.409	1.746	2.383	3.454	5.467	9.984
13.7	-0.268	0.341	2.855	3.852	5.336	7.627	11.322	-0.517	0.410	1.735	2.370	3.436	5.444	9.967
13.8	-0.267	0.341	2.871	3.874	5.368	7.671	11.386	-0.518	0.410	1.725	2.356	3.418	5.420	9.948
13.9	-0.266	0.341	2.887	3.897	5.399	7.716	11.449	-0.520	0.411	1.716	2.343	3.400	5.397	9.929
14.0	-0.265	0.341	2.903	3.920	5.431	7.762	11.513	-0.522	0.411	1.706	2.331	3.383	5.375	9.909
14.1	-0.264	0.341	2.920	3.943	5.464	7.807	11.577	-0.524	0.412	1.697	2.318	3.366	5.352	9.889
14.2	-0.262	0.341	2.937	3.966	5.496	7.853	11.642	-0.525	0.412	1.688	2.306	3.350	5.331	9.870
14.3	-0.261	0.341	2.953	3.989	5.529	7.899	11.706	-0.526	0.413	1.680	2.295	3.334	5.310	9.850
14.4	-0.260	0.341	2.970	4.013	5.561	7.945	11.771	-0.528	0.413	1.672	2.284	3.319	5.291	9.831
14.5	-0.259	0.341	2.987	4.036	5.594	7.991	11.835	-0.529	0.414	1.664	2.274	3.305	5.272	9.812
14.6	-0.258	0.341	3.004	4.060	5.627	8.037	11.900	-0.530	0.414	1.657	2.264	3.292	5.254	9.795
14.7	-0.257	0.341	3.021	4.083	5.660	8.083	11.964	-0.531	0.414	1.650	2.255	3.280	5.238	9.778
14.8	-0.255	0.341	3.038	4.107	5.692	8.128	12.029	-0.531	0.415	1.643	2.246	3.268	5.222	9.762
14.9	-0.254	0.340	3.055	4.130	5.725	8.174	12.093	-0.532	0.415	1.638	2.239	3.258	5.208	9.747
15.0	-0.253	0.340	3.072	4.153	5.757	8.220	12.156	-0.532	0.416	1.632	2.231	3.248	5.195	9.734
15.1	-0.252	0.340	3.089	4.177	5.790	8.265	12.220	-0.533	0.416	1.627	2.225	3.239	5.184	9.722
15.2	-0.251	0.340	3.105	4.200	5.822	8.310	12.283	-0.533	0.416	1.623	2.219	3.232	5.174	9.711
15.3	-0.250	0.340	3.122	4.222	5.854	8.354	12.346	-0.533	0.417	1.619	2.214	3.225	5.166	9.703
15.4	-0.249	0.340	3.138	4.245	5.885	8.399	12.408	-0.533	0.417	1.615	2.210	3.220	5.159	9.696
15.5	-0.248	0.340	3.154	4.267	5.916	8.443	12.470	-0.533	0.417	1.612	2.206	3.216	5.154	9.691
15.6	-0.247	0.340	3.170	4.290	5.947	8.486	12.532	-0.532	0.417	1.610	2.204	3.212	5.150	9.689
15.7	-0.246	0.340	3.186	4.312	5.978	8.529	12.593	-0.532	0.418	1.608	2.202	3.210	5.148	9.687
15.8	-0.246	0.340	3.202	4.333	6.008	8.572	12.653	-0.531	0.418	1.607	2.200	3.209	5.148	9.688
15.9	-0.245	0.340	3.217	4.355	6.038	8.614	12.713	-0.530	0.418	1.606	2.200	3.209	5.149	9.691
16.0	-0.244	0.340	3.233	4.376	6.068	8.656	12.773	-0.529	0.418	1.606	2.200	3.210	5.151	9.696
16.1	-0.243	0.340	3.248	4.396	6.097	8.698	12.832	-0.528	0.419	1.606	2.201	3.212	5.156	9.703
16.2	-0.243	0.340	3.262	4.417	6.126	8.738	12.891	-0.527	0.419	1.607	2.202	3.215	5.162	9.712
16.3	-0.242	0.340	3.277	4.437	6.154	8.779	12.949	-0.526	0.419	1.608	2.205	3.220	5.169	9.723
16.4	-0.241	0.340	3.291	4.457	6.182	8.819	13.007	-0.525	0.419	1.610	2.208	3.225	5.178	9.736
16.5	-0.241	0.340	3.305	4.476	6.209	8.858	13.064	-0.523	0.419	1.612	2.211	3.231	5.188	9.751
16.6	-0.240	0.341	3.319	4.495	6.236	8.897	13.121	-0.521	0.420	1.614	2.216	3.238	5.200	9.768
16.7	-0.240	0.341	3.332	4.514	6.263	8.935	13.177	-0.520	0.420	1.617	2.220	3.246	5.213	9.786
16.8	-0.240	0.341	3.346	4.533	6.289	8.973	13.232	-0.518	0.420	1.620	2.226	3.255	5.228	9.806
16.9	-0.239	0.341	3.359	4.551	6.315	9.010	13.288	-0.516	0.420	1.624	2.232	3.265	5.243	9.828
17.0	-0.239	0.341	3.371	4.568	6.340	9.047	13.342	-0.514	0.420	1.628	2.238	3.275	5.260	9.852
17.1	-0.239	0.341	3.384	4.586	6.365	9.083	13.397	-0.512	0.421	1.633	2.245	3.287	5.278	9.876
17.2	-0.238	0.341	3.396	4.603	6.389	9.119	13.450	-0.509	0.421	1.637	2.253	3.299	5.298	9.903
17.3	-0.238	0.341	3.408	4.620	6.413	9.154	13.504	-0.507	0.421	1.642	2.261	3.312	5.318	9.930

Table S3. Fat Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	-0.238	0.341	3.420	4.636	6.437	9.189	13.557	-0.504	0.421	1.647	2.269	3.325	5.339	9.958
17.5	-0.238	0.341	3.431	4.653	6.460	9.223	13.609	-0.502	0.421	1.653	2.278	3.339	5.361	9.988
17.6	-0.238	0.342	3.443	4.668	6.483	9.257	13.661	-0.499	0.422	1.659	2.287	3.353	5.384	10.018
17.7	-0.238	0.342	3.454	4.684	6.505	9.290	13.712	-0.496	0.422	1.664	2.296	3.368	5.407	10.049
17.8	-0.238	0.342	3.465	4.699	6.527	9.323	13.763	-0.493	0.422	1.670	2.306	3.383	5.431	10.080
17.9	-0.238	0.342	3.475	4.714	6.549	9.355	13.814	-0.490	0.422	1.676	2.315	3.399	5.455	10.112
18.0	-0.238	0.342	3.486	4.728	6.570	9.387	13.864	-0.487	0.422	1.683	2.325	3.415	5.480	10.143
18.1	-0.238	0.342	3.496	4.743	6.590	9.418	13.913	-0.484	0.423	1.689	2.335	3.431	5.505	10.175
18.2	-0.238	0.342	3.505	4.756	6.610	9.448	13.962	-0.481	0.423	1.695	2.346	3.447	5.531	10.207
18.3	-0.239	0.343	3.515	4.770	6.630	9.478	14.010	-0.477	0.423	1.701	2.356	3.463	5.556	10.239
18.4	-0.239	0.343	3.524	4.783	6.649	9.508	14.057	-0.474	0.423	1.708	2.366	3.480	5.582	10.271
18.5	-0.239	0.343	3.534	4.796	6.668	9.537	14.104	-0.470	0.424	1.714	2.376	3.497	5.608	10.302
18.6	-0.240	0.343	3.542	4.809	6.687	9.565	14.150	-0.467	0.424	1.720	2.387	3.513	5.634	10.333
18.7	-0.240	0.343	3.551	4.821	6.705	9.593	14.196	-0.463	0.424	1.726	2.397	3.530	5.660	10.363
18.8	-0.240	0.343	3.559	4.832	6.722	9.620	14.240	-0.459	0.424	1.733	2.407	3.547	5.685	10.393
18.9	-0.241	0.344	3.567	4.844	6.739	9.646	14.284	-0.456	0.424	1.739	2.417	3.563	5.711	10.423
19.0	-0.241	0.344	3.575	4.855	6.755	9.672	14.328	-0.452	0.425	1.744	2.427	3.580	5.736	10.452
19.1	-0.241	0.344	3.583	4.866	6.771	9.697	14.370	-0.448	0.425	1.750	2.437	3.596	5.762	10.480
19.2	-0.242	0.344	3.590	4.876	6.787	9.722	14.411	-0.444	0.425	1.756	2.447	3.613	5.787	10.508
19.3	-0.242	0.344	3.597	4.886	6.802	9.746	14.452	-0.440	0.425	1.762	2.457	3.629	5.812	10.535
19.4	-0.243	0.345	3.604	4.896	6.816	9.769	14.492	-0.436	0.426	1.767	2.467	3.645	5.837	10.561
19.5	-0.243	0.345	3.611	4.905	6.830	9.792	14.531	-0.432	0.426	1.773	2.477	3.661	5.862	10.588
19.6	-0.244	0.345	3.617	4.914	6.844	9.814	14.570	-0.428	0.426	1.778	2.486	3.678	5.886	10.614
19.7	-0.244	0.345	3.623	4.923	6.857	9.835	14.608	-0.424	0.426	1.784	2.496	3.694	5.911	10.639
19.8	-0.245	0.345	3.629	4.931	6.870	9.856	14.645	-0.419	0.427	1.789	2.506	3.710	5.936	10.665
19.9	-0.246	0.346	3.635	4.939	6.883	9.877	14.681	-0.415	0.427	1.794	2.515	3.726	5.960	10.690
20.0	-0.246	0.346	3.640	4.947	6.895	9.897	14.716	-0.411	0.427	1.800	2.525	3.742	5.985	10.715

Table S4. Total Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.983	0.080	9.290	10.176	11.064	11.952	12.842	-0.286	0.073	10.219	10.971	11.797	12.704	13.703
5.1	0.972	0.081	9.305	10.195	11.087	11.981	12.878	-0.286	0.074	10.232	10.989	11.819	12.733	13.739
5.2	0.960	0.081	9.319	10.213	11.110	12.010	12.913	-0.286	0.074	10.245	11.006	11.842	12.761	13.775
5.3	0.948	0.081	9.333	10.231	11.133	12.039	12.949	-0.286	0.074	10.257	11.024	11.865	12.790	13.811
5.4	0.936	0.082	9.347	10.249	11.156	12.068	12.984	-0.287	0.075	10.270	11.041	11.888	12.819	13.848
5.5	0.924	0.082	9.361	10.267	11.179	12.097	13.020	-0.287	0.075	10.283	11.058	11.910	12.849	13.884
5.6	0.913	0.082	9.375	10.285	11.202	12.126	13.056	-0.287	0.075	10.296	11.076	11.933	12.878	13.921
5.7	0.901	0.082	9.389	10.303	11.226	12.155	13.092	-0.287	0.076	10.309	11.094	11.956	12.907	13.958
5.8	0.889	0.083	9.403	10.321	11.249	12.184	13.128	-0.287	0.076	10.323	11.111	11.980	12.937	13.995
5.9	0.877	0.083	9.417	10.339	11.272	12.213	13.164	-0.287	0.076	10.336	11.129	12.003	12.967	14.033
6.0	0.866	0.083	9.432	10.358	11.295	12.243	13.201	-0.287	0.077	10.349	11.147	12.026	12.997	14.071
6.1	0.854	0.084	9.446	10.376	11.318	12.272	13.237	-0.287	0.077	10.362	11.165	12.050	13.027	14.109
6.2	0.842	0.084	9.460	10.394	11.341	12.301	13.274	-0.288	0.077	10.376	11.183	12.074	13.057	14.147
6.3	0.830	0.084	9.474	10.412	11.364	12.331	13.310	-0.288	0.078	10.389	11.201	12.098	13.088	14.185
6.4	0.818	0.085	9.488	10.430	11.388	12.360	13.347	-0.288	0.078	10.403	11.220	12.122	13.119	14.224
6.5	0.807	0.085	9.502	10.448	11.411	12.390	13.384	-0.288	0.079	10.416	11.238	12.146	13.150	14.264
6.6	0.795	0.085	9.516	10.467	11.435	12.420	13.422	-0.288	0.079	10.430	11.257	12.170	13.181	14.303
6.7	0.783	0.086	9.531	10.485	11.458	12.450	13.459	-0.288	0.079	10.444	11.276	12.195	13.213	14.343
6.8	0.771	0.086	9.545	10.504	11.482	12.480	13.497	-0.288	0.080	10.458	11.295	12.220	13.245	14.383
6.9	0.760	0.086	9.560	10.522	11.506	12.511	13.536	-0.289	0.080	10.473	11.314	12.245	13.277	14.424
7.0	0.748	0.087	9.575	10.541	11.531	12.542	13.574	-0.289	0.080	10.487	11.334	12.270	13.309	14.465
7.1	0.736	0.087	9.590	10.560	11.555	12.573	13.613	-0.289	0.081	10.502	11.353	12.296	13.342	14.506
7.2	0.724	0.087	9.605	10.580	11.580	12.605	13.653	-0.289	0.081	10.516	11.373	12.322	13.375	14.548
7.3	0.712	0.088	9.621	10.600	11.605	12.637	13.693	-0.289	0.081	10.531	11.393	12.348	13.408	14.589
7.4	0.701	0.088	9.637	10.620	11.631	12.669	13.734	-0.289	0.082	10.546	11.413	12.374	13.442	14.632
7.5	0.689	0.088	9.653	10.641	11.657	12.702	13.775	-0.289	0.082	10.561	11.433	12.400	13.475	14.674
7.6	0.677	0.089	9.670	10.662	11.684	12.736	13.817	-0.289	0.083	10.576	11.453	12.427	13.509	14.717
7.7	0.665	0.089	9.687	10.683	11.711	12.770	13.860	-0.290	0.083	10.591	11.474	12.453	13.543	14.760
7.8	0.654	0.089	9.705	10.705	11.739	12.805	13.903	-0.290	0.083	10.606	11.494	12.480	13.578	14.803
7.9	0.642	0.090	9.724	10.728	11.768	12.841	13.947	-0.290	0.084	10.622	11.515	12.507	13.612	14.847
8.0	0.630	0.090	9.743	10.751	11.797	12.877	13.993	-0.290	0.084	10.637	11.535	12.534	13.647	14.891
8.1	0.618	0.090	9.762	10.776	11.827	12.915	14.039	-0.290	0.084	10.653	11.556	12.561	13.682	14.935
8.2	0.606	0.091	9.782	10.800	11.857	12.953	14.086	-0.290	0.085	10.668	11.577	12.589	13.717	14.979
8.3	0.595	0.091	9.803	10.826	11.889	12.992	14.134	-0.290	0.085	10.684	11.599	12.616	13.753	15.024
8.4	0.583	0.091	9.825	10.852	11.921	13.032	14.183	-0.291	0.086	10.700	11.620	12.644	13.788	15.070
8.5	0.571	0.092	9.848	10.879	11.955	13.073	14.234	-0.291	0.086	10.716	11.642	12.672	13.824	15.115
8.6	0.559	0.092	9.871	10.907	11.989	13.115	14.286	-0.291	0.086	10.733	11.663	12.701	13.861	15.161
8.7	0.548	0.092	9.895	10.936	12.024	13.158	14.339	-0.291	0.087	10.749	11.685	12.730	13.897	15.207
8.8	0.536	0.093	9.921	10.966	12.060	13.203	14.393	-0.291	0.087	10.766	11.708	12.759	13.935	15.254
8.9	0.524	0.093	9.947	10.997	12.098	13.248	14.448	-0.291	0.087	10.783	11.730	12.788	13.972	15.302
9.0	0.512	0.093	9.974	11.029	12.136	13.295	14.505	-0.291	0.088	10.800	11.753	12.818	14.010	15.350
9.1	0.500	0.094	10.002	11.062	12.176	13.343	14.563	-0.291	0.088	10.818	11.776	12.848	14.048	15.398
9.2	0.489	0.094	10.031	11.096	12.216	13.392	14.622	-0.292	0.089	10.836	11.800	12.878	14.087	15.447
9.3	0.477	0.094	10.061	11.131	12.258	13.442	14.683	-0.292	0.089	10.854	11.824	12.910	14.127	15.497
9.4	0.465	0.095	10.092	11.167	12.301	13.494	14.746	-0.292	0.089	10.873	11.849	12.941	14.167	15.548
9.5	0.453	0.095	10.124	11.205	12.345	13.547	14.809	-0.292	0.090	10.892	11.874	12.974	14.208	15.599
9.6	0.441	0.095	10.157	11.243	12.391	13.601	14.874	-0.292	0.090	10.912	11.900	13.007	14.250	15.651
9.7	0.430	0.095	10.192	11.283	12.437	13.656	14.941	-0.292	0.090	10.933	11.927	13.041	14.293	15.705
9.8	0.418	0.096	10.227	11.323	12.485	13.713	15.009	-0.292	0.091	10.954	11.954	13.075	14.336	15.759
9.9	0.406	0.096	10.263	11.365	12.533	13.771	15.078	-0.293	0.091	10.976	11.982	13.111	14.381	15.814
10.0	0.394	0.096	10.300	11.407	12.583	13.830	15.148	-0.293	0.092	10.998	12.011	13.147	14.426	15.871
10.1	0.383	0.097	10.339	11.451	12.634	13.890	15.220	-0.293	0.092	11.021	12.040	13.184	14.473	15.929
10.2	0.371	0.097	10.378	11.496	12.686	13.951	15.293	-0.293	0.092	11.046	12.071	13.223	14.521	15.988
10.3	0.359	0.097	10.418	11.541	12.739	14.014	15.367	-0.293	0.093	11.071	12.103	13.262	14.570	16.049
10.4	0.347	0.097	10.459	11.588	12.793	14.077	15.442	-0.293	0.093	11.097	12.135	13.303	14.620	16.111
10.5	0.335	0.097	10.501	11.635	12.848	14.141	15.518	-0.293	0.093	11.124	12.169	13.345	14.672	16.174
10.6	0.324	0.098	10.544	11.683	12.903	14.206	15.596	-0.294	0.094	11.152	12.204	13.388	14.725	16.240
10.7	0.312	0.098	10.588	11.732	12.960	14.272	15.674	-0.294	0.094	11.182	12.241	13.433	14.780	16.307
10.8	0.300	0.098	10.632	11.782	13.016	14.339	15.752	-0.294	0.095	11.212	12.278	13.479	14.836	16.376
10.9	0.288	0.098	10.677	11.832	13.074	14.406	15.832	-0.294	0.095	11.244	12.317	13.527	14.894	16.446
11.0	0.277	0.099	10.722	11.883	13.132	14.474	15.912	-0.294	0.095	11.277	12.358	13.576	14.954	16.519
11.1	0.265	0.099	10.768	11.934	13.191	14.542	15.992	-0.294	0.096	11.311	12.399	13.627	15.016	16.594

Table S4. Total Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	0.253	0.099	10.815	11.986	13.250	14.610	16.073	-0.294	0.096	11.347	12.443	13.679	15.079	16.670
11.3	0.241	0.099	10.861	12.038	13.309	14.679	16.154	-0.294	0.096	11.384	12.488	13.733	15.144	16.749
11.4	0.229	0.099	10.908	12.090	13.368	14.748	16.235	-0.295	0.097	11.423	12.534	13.789	15.212	16.830
11.5	0.218	0.100	10.956	12.142	13.428	14.817	16.316	-0.295	0.097	11.463	12.582	13.847	15.281	16.913
11.6	0.206	0.100	11.003	12.195	13.487	14.886	16.397	-0.295	0.097	11.505	12.632	13.906	15.352	16.999
11.7	0.194	0.100	11.051	12.247	13.546	14.954	16.478	-0.295	0.098	11.548	12.683	13.968	15.425	17.086
11.8	0.182	0.100	11.098	12.300	13.605	15.023	16.558	-0.295	0.098	11.593	12.736	14.031	15.500	17.176
11.9	0.171	0.100	11.145	12.352	13.664	15.091	16.638	-0.295	0.099	11.639	12.791	14.095	15.577	17.268
12.0	0.159	0.100	11.193	12.404	13.723	15.158	16.718	-0.295	0.099	11.686	12.847	14.162	15.656	17.362
12.1	0.147	0.100	11.240	12.455	13.781	15.225	16.796	-0.296	0.099	11.735	12.905	14.230	15.737	17.457
12.2	0.135	0.101	11.286	12.506	13.838	15.291	16.874	-0.296	0.100	11.785	12.964	14.300	15.820	17.555
12.3	0.123	0.101	11.333	12.557	13.895	15.357	16.952	-0.296	0.100	11.837	13.024	14.371	15.904	17.655
12.4	0.112	0.101	11.379	12.607	13.951	15.422	17.028	-0.296	0.100	11.890	13.087	14.444	15.990	17.757
12.5	0.100	0.101	11.424	12.656	14.007	15.485	17.103	-0.296	0.100	11.944	13.150	14.519	16.078	17.861
12.6	0.088	0.101	11.469	12.705	14.061	15.548	17.178	-0.296	0.101	12.000	13.215	14.595	16.167	17.966
12.7	0.076	0.101	11.513	12.753	14.115	15.610	17.251	-0.296	0.101	12.056	13.281	14.672	16.258	18.073
12.8	0.065	0.101	11.557	12.800	14.168	15.671	17.322	-0.296	0.101	12.114	13.348	14.751	16.350	18.182
12.9	0.053	0.101	11.600	12.846	14.219	15.731	17.393	-0.297	0.102	12.173	13.417	14.831	16.443	18.291
13.0	0.041	0.101	11.642	12.892	14.270	15.789	17.462	-0.297	0.102	12.233	13.486	14.911	16.538	18.403
13.1	0.029	0.101	11.683	12.936	14.320	15.846	17.530	-0.297	0.102	12.293	13.557	14.993	16.634	18.515
13.2	0.017	0.102	11.724	12.980	14.368	15.902	17.596	-0.297	0.103	12.355	13.628	15.076	16.730	18.628
13.3	0.006	0.102	11.763	13.022	14.416	15.957	17.661	-0.297	0.103	12.417	13.700	15.160	16.828	18.742
13.4	-0.006	0.102	11.802	13.064	14.462	16.010	17.725	-0.297	0.103	12.480	13.772	15.244	16.926	18.857
13.5	-0.018	0.102	11.840	13.105	14.507	16.062	17.787	-0.297	0.103	12.543	13.846	15.329	17.025	18.973
13.6	-0.030	0.102	11.877	13.144	14.551	16.113	17.848	-0.298	0.104	12.607	13.919	15.414	17.124	19.089
13.7	-0.041	0.102	11.913	13.183	14.593	16.162	17.907	-0.298	0.104	12.671	13.993	15.500	17.224	19.205
13.8	-0.053	0.102	11.948	13.220	14.635	16.210	17.964	-0.298	0.104	12.736	14.068	15.586	17.323	19.321
13.9	-0.065	0.102	11.983	13.256	14.675	16.256	18.020	-0.298	0.104	12.800	14.142	15.672	17.423	19.438
14.0	-0.077	0.102	12.016	13.291	14.714	16.301	18.075	-0.298	0.105	12.865	14.216	15.758	17.523	19.554
14.1	-0.089	0.102	12.048	13.325	14.751	16.345	18.128	-0.298	0.105	12.930	14.291	15.843	17.622	19.670
14.2	-0.100	0.102	12.079	13.358	14.788	16.388	18.180	-0.298	0.105	12.994	14.365	15.929	17.721	19.785
14.3	-0.112	0.102	12.110	13.390	14.823	16.429	18.230	-0.298	0.105	13.058	14.438	16.014	17.820	19.899
14.4	-0.124	0.102	12.139	13.421	14.857	16.469	18.279	-0.299	0.105	13.122	14.512	16.098	17.918	20.013
14.5	-0.136	0.102	12.168	13.451	14.890	16.507	18.326	-0.299	0.106	13.186	14.584	16.182	18.015	20.126
14.6	-0.147	0.102	12.195	13.480	14.922	16.544	18.372	-0.299	0.106	13.249	14.657	16.265	18.111	20.238
14.7	-0.159	0.102	12.222	13.508	14.953	16.580	18.417	-0.299	0.106	13.311	14.728	16.348	18.206	20.349
14.8	-0.171	0.103	12.248	13.535	14.983	16.615	18.460	-0.299	0.106	13.373	14.799	16.429	18.300	20.458
14.9	-0.183	0.103	12.273	13.561	15.011	16.649	18.502	-0.299	0.106	13.434	14.869	16.510	18.393	20.566
15.0	-0.195	0.103	12.297	13.585	15.039	16.681	18.543	-0.299	0.106	13.495	14.938	16.589	18.485	20.672
15.1	-0.206	0.103	12.320	13.609	15.065	16.713	18.583	-0.300	0.107	13.554	15.006	16.667	18.575	20.777
15.2	-0.218	0.103	12.342	13.632	15.090	16.743	18.621	-0.300	0.107	13.613	15.074	16.744	18.664	20.880
15.3	-0.230	0.103	12.364	13.654	15.115	16.772	18.658	-0.300	0.107	13.671	15.139	16.820	18.752	20.982
15.4	-0.242	0.103	12.385	13.676	15.138	16.800	18.694	-0.300	0.107	13.727	15.204	16.895	18.837	21.081
15.5	-0.254	0.103	12.404	13.696	15.161	16.827	18.729	-0.300	0.107	13.783	15.268	16.967	18.922	21.179
15.6	-0.265	0.103	12.424	13.715	15.182	16.853	18.763	-0.300	0.107	13.838	15.330	17.039	19.004	21.274
15.7	-0.277	0.103	12.442	13.734	15.203	16.878	18.796	-0.300	0.108	13.891	15.391	17.109	19.085	21.368
15.8	-0.289	0.103	12.460	13.752	15.222	16.902	18.828	-0.300	0.108	13.944	15.451	17.178	19.164	21.459
15.9	-0.301	0.103	12.476	13.769	15.241	16.925	18.859	-0.301	0.108	13.995	15.510	17.245	19.241	21.549
16.0	-0.312	0.103	12.493	13.785	15.259	16.947	18.889	-0.301	0.108	14.045	15.567	17.311	19.317	21.636
16.1	-0.324	0.103	12.508	13.801	15.277	16.969	18.919	-0.301	0.108	14.094	15.623	17.375	19.391	21.722
16.2	-0.336	0.103	12.523	13.816	15.294	16.990	18.947	-0.301	0.108	14.142	15.678	17.437	19.463	21.805
16.3	-0.348	0.103	12.538	13.831	15.310	17.010	18.975	-0.301	0.108	14.189	15.731	17.498	19.533	21.886
16.4	-0.360	0.103	12.552	13.844	15.325	17.029	19.002	-0.301	0.108	14.235	15.783	17.557	19.601	21.965
16.5	-0.371	0.104	12.565	13.858	15.340	17.048	19.028	-0.301	0.108	14.279	15.833	17.615	19.667	22.042
16.6	-0.383	0.104	12.578	13.870	15.354	17.066	19.054	-0.302	0.108	14.322	15.883	17.672	19.732	22.117
16.7	-0.395	0.104	12.590	13.882	15.367	17.083	19.079	-0.302	0.109	14.364	15.930	17.726	19.795	22.189
16.8	-0.407	0.104	12.602	13.894	15.380	17.100	19.104	-0.302	0.109	14.405	15.977	17.780	19.856	22.260
16.9	-0.418	0.104	12.614	13.905	15.393	17.117	19.128	-0.302	0.109	14.445	16.022	17.831	19.915	22.328
17.0	-0.430	0.104	12.625	13.916	15.405	17.132	19.151	-0.302	0.109	14.484	16.066	17.882	19.973	22.395
17.1	-0.442	0.104	12.635	13.926	15.416	17.148	19.174	-0.302	0.109	14.522	16.109	17.930	20.029	22.459
17.2	-0.454	0.104	12.646	13.936	15.427	17.162	19.196	-0.302	0.109	14.558	16.151	17.978	20.083	22.522

Table S4. Total Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.3	-0.466	0.104	12.655	13.946	15.438	17.177	19.218	-0.303	0.109	14.594	16.191	18.024	20.136	22.582
17.4	-0.477	0.104	12.665	13.955	15.448	17.191	19.240	-0.303	0.109	14.628	16.230	18.068	20.187	22.641
17.5	-0.489	0.104	12.674	13.963	15.458	17.204	19.261	-0.303	0.109	14.662	16.268	18.111	20.236	22.698
17.6	-0.501	0.104	12.683	13.972	15.468	17.217	19.282	-0.303	0.109	14.694	16.305	18.153	20.284	22.753
17.7	-0.513	0.104	12.691	13.980	15.477	17.230	19.302	-0.303	0.109	14.726	16.340	18.193	20.330	22.806
17.8	-0.524	0.105	12.699	13.987	15.485	17.242	19.322	-0.303	0.109	14.756	16.375	18.233	20.375	22.858
17.9	-0.536	0.105	12.707	13.994	15.493	17.254	19.342	-0.303	0.109	14.786	16.408	18.271	20.418	22.907
18.0	-0.548	0.105	12.715	14.001	15.501	17.265	19.361	-0.303	0.109	14.814	16.441	18.307	20.460	22.955
18.1	-0.560	0.105	12.722	14.008	15.509	17.276	19.379	-0.304	0.109	14.842	16.472	18.343	20.501	23.002
18.2	-0.572	0.105	12.729	14.014	15.516	17.287	19.397	-0.304	0.109	14.869	16.502	18.377	20.540	23.047
18.3	-0.583	0.105	12.735	14.020	15.522	17.297	19.415	-0.304	0.109	14.895	16.532	18.411	20.578	23.090
18.4	-0.595	0.105	12.741	14.025	15.529	17.306	19.432	-0.304	0.109	14.921	16.560	18.443	20.615	23.132
18.5	-0.607	0.105	12.747	14.030	15.534	17.316	19.449	-0.304	0.109	14.945	16.588	18.474	20.650	23.173
18.6	-0.619	0.105	12.753	14.035	15.540	17.324	19.466	-0.304	0.110	14.969	16.615	18.505	20.685	23.212
18.7	-0.630	0.105	12.758	14.040	15.545	17.333	19.482	-0.304	0.110	14.993	16.641	18.534	20.718	23.250
18.8	-0.642	0.105	12.763	14.044	15.550	17.341	19.498	-0.305	0.110	15.015	16.667	18.563	20.751	23.287
18.9	-0.654	0.105	12.768	14.048	15.554	17.349	19.513	-0.305	0.110	15.037	16.691	18.591	20.782	23.323
19.0	-0.666	0.105	12.772	14.051	15.559	17.356	19.528	-0.305	0.110	15.059	16.715	18.618	20.813	23.358
19.1	-0.678	0.106	12.776	14.054	15.562	17.363	19.543	-0.305	0.110	15.080	16.739	18.644	20.843	23.392
19.2	-0.689	0.106	12.780	14.057	15.566	17.370	19.557	-0.305	0.110	15.101	16.762	18.670	20.872	23.425
19.3	-0.701	0.106	12.784	14.060	15.569	17.376	19.571	-0.305	0.110	15.121	16.784	18.695	20.900	23.457
19.4	-0.713	0.106	12.788	14.063	15.572	17.382	19.585	-0.305	0.110	15.140	16.806	18.720	20.928	23.489
19.5	-0.725	0.106	12.791	14.065	15.575	17.388	19.598	-0.305	0.110	15.160	16.828	18.744	20.955	23.519
19.6	-0.736	0.106	12.794	14.067	15.577	17.393	19.611	-0.306	0.110	15.179	16.849	18.768	20.982	23.550
19.7	-0.748	0.106	12.797	14.069	15.579	17.398	19.624	-0.306	0.110	15.198	16.870	18.791	21.008	23.579
19.8	-0.760	0.106	12.800	14.070	15.581	17.403	19.637	-0.306	0.110	15.216	16.891	18.814	21.034	23.609
19.9	-0.772	0.106	12.802	14.072	15.583	17.408	19.649	-0.306	0.110	15.235	16.911	18.837	21.060	23.638
20.0	-0.784	0.106	12.805	14.073	15.585	17.413	19.661	-0.306	0.110	15.253	16.932	18.860	21.085	23.667

Table S5. Subtotal Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	1.011	0.094	7.485	8.353	9.221	10.087	10.952	-0.138	0.086	8.317	9.051	9.859	10.751	11.735
5.1	1.001	0.094	7.511	8.383	9.255	10.128	11.000	-0.138	0.086	8.342	9.081	9.894	10.792	11.784
5.2	0.990	0.094	7.537	8.413	9.290	10.168	11.047	-0.139	0.087	8.367	9.110	9.929	10.833	11.832
5.3	0.979	0.095	7.562	8.443	9.325	10.209	11.095	-0.140	0.087	8.392	9.140	9.964	10.875	11.881
5.4	0.969	0.095	7.588	8.472	9.360	10.250	11.143	-0.140	0.087	8.417	9.170	10.000	10.916	11.930
5.5	0.958	0.095	7.613	8.502	9.395	10.291	11.190	-0.141	0.087	8.443	9.199	10.035	10.958	11.979
5.6	0.948	0.095	7.639	8.532	9.429	10.332	11.238	-0.142	0.088	8.468	9.229	10.070	10.999	12.028
5.7	0.937	0.096	7.664	8.561	9.464	10.372	11.286	-0.142	0.088	8.493	9.259	10.105	11.041	12.077
5.8	0.926	0.096	7.689	8.591	9.499	10.413	11.334	-0.143	0.088	8.518	9.289	10.141	11.083	12.127
5.9	0.916	0.096	7.715	8.620	9.533	10.454	11.382	-0.144	0.089	8.543	9.319	10.176	11.125	12.176
6.0	0.905	0.096	7.740	8.649	9.568	10.495	11.430	-0.144	0.089	8.568	9.349	10.212	11.167	12.226
6.1	0.894	0.097	7.765	8.679	9.602	10.536	11.478	-0.145	0.089	8.593	9.379	10.247	11.209	12.276
6.2	0.884	0.097	7.791	8.708	9.637	10.577	11.526	-0.146	0.089	8.618	9.409	10.283	11.252	12.326
6.3	0.873	0.097	7.816	8.737	9.672	10.617	11.574	-0.146	0.090	8.644	9.439	10.319	11.294	12.377
6.4	0.862	0.097	7.841	8.767	9.706	10.658	11.622	-0.147	0.090	8.669	9.469	10.355	11.337	12.427
6.5	0.852	0.098	7.866	8.796	9.741	10.699	11.671	-0.148	0.090	8.694	9.499	10.391	11.380	12.478
6.6	0.841	0.098	7.891	8.825	9.775	10.740	11.719	-0.148	0.091	8.720	9.530	10.427	11.423	12.529
6.7	0.831	0.098	7.917	8.855	9.810	10.781	11.768	-0.149	0.091	8.745	9.560	10.463	11.466	12.580
6.8	0.820	0.098	7.942	8.884	9.845	10.822	11.816	-0.150	0.091	8.771	9.590	10.499	11.509	12.632
6.9	0.809	0.099	7.967	8.914	9.880	10.864	11.865	-0.150	0.091	8.796	9.621	10.536	11.552	12.683
7.0	0.799	0.099	7.993	8.943	9.914	10.905	11.915	-0.151	0.092	8.822	9.651	10.572	11.596	12.735
7.1	0.788	0.099	8.018	8.973	9.950	10.947	11.964	-0.152	0.092	8.847	9.682	10.609	11.639	12.787
7.2	0.777	0.099	8.044	9.003	9.985	10.989	12.014	-0.152	0.092	8.872	9.712	10.645	11.683	12.839
7.3	0.767	0.100	8.070	9.033	10.021	11.031	12.064	-0.153	0.093	8.898	9.743	10.682	11.727	12.891
7.4	0.756	0.100	8.096	9.064	10.057	11.074	12.115	-0.154	0.093	8.923	9.773	10.718	11.770	12.943
7.5	0.745	0.100	8.123	9.094	10.093	11.117	12.166	-0.154	0.093	8.949	9.804	10.755	11.814	12.995
7.6	0.735	0.100	8.150	9.125	10.130	11.161	12.218	-0.155	0.094	8.974	9.835	10.792	11.858	13.048
7.7	0.724	0.101	8.177	9.157	10.167	11.205	12.270	-0.156	0.094	8.999	9.865	10.828	11.902	13.100
7.8	0.713	0.101	8.205	9.189	10.204	11.249	12.323	-0.156	0.094	9.025	9.895	10.865	11.946	13.153
7.9	0.703	0.101	8.233	9.221	10.242	11.295	12.377	-0.157	0.094	9.050	9.926	10.901	11.990	13.206
8.0	0.692	0.101	8.261	9.254	10.281	11.340	12.431	-0.158	0.095	9.075	9.956	10.938	12.034	13.258
8.1	0.682	0.102	8.290	9.288	10.320	11.387	12.487	-0.158	0.095	9.100	9.987	10.975	12.078	13.311
8.2	0.671	0.102	8.320	9.322	10.360	11.434	12.543	-0.159	0.095	9.125	10.017	11.011	12.122	13.364
8.3	0.660	0.102	8.350	9.356	10.401	11.482	12.600	-0.160	0.096	9.151	10.048	11.048	12.166	13.417
8.4	0.650	0.102	8.381	9.392	10.443	11.531	12.658	-0.160	0.096	9.176	10.078	11.085	12.210	13.471
8.5	0.639	0.103	8.413	9.428	10.485	11.581	12.717	-0.161	0.096	9.201	10.109	11.122	12.255	13.524
8.6	0.628	0.103	8.445	9.465	10.528	11.632	12.777	-0.162	0.097	9.226	10.139	11.159	12.300	13.578
8.7	0.618	0.103	8.478	9.503	10.572	11.684	12.838	-0.163	0.097	9.252	10.170	11.196	12.344	13.632
8.8	0.607	0.103	8.512	9.542	10.617	11.737	12.900	-0.163	0.097	9.277	10.201	11.233	12.390	13.686
8.9	0.596	0.104	8.547	9.581	10.663	11.791	12.964	-0.164	0.097	9.303	10.232	11.271	12.435	13.741
9.0	0.586	0.104	8.582	9.622	10.710	11.846	13.029	-0.165	0.098	9.329	10.263	11.309	12.481	13.796
9.1	0.575	0.104	8.619	9.663	10.758	11.902	13.095	-0.165	0.098	9.355	10.295	11.347	12.527	13.852
9.2	0.564	0.104	8.656	9.705	10.807	11.959	13.162	-0.166	0.098	9.381	10.327	11.386	12.573	13.908
9.3	0.554	0.104	8.694	9.749	10.857	12.018	13.231	-0.167	0.099	9.408	10.359	11.425	12.621	13.965
9.4	0.543	0.105	8.734	9.793	10.908	12.077	13.301	-0.167	0.099	9.435	10.392	11.465	12.668	14.022
9.5	0.533	0.105	8.774	9.839	10.960	12.138	13.372	-0.168	0.099	9.463	10.425	11.505	12.717	14.080
9.6	0.522	0.105	8.815	9.885	11.013	12.200	13.445	-0.169	0.100	9.490	10.459	11.545	12.766	14.139
9.7	0.511	0.105	8.857	9.932	11.068	12.263	13.518	-0.169	0.100	9.519	10.493	11.587	12.815	14.199
9.8	0.501	0.105	8.900	9.981	11.123	12.327	13.593	-0.170	0.100	9.548	10.528	11.629	12.866	14.260
9.9	0.490	0.106	8.944	10.030	11.179	12.393	13.670	-0.171	0.101	9.578	10.564	11.672	12.918	14.322
10.0	0.479	0.106	8.989	10.080	11.237	12.459	13.747	-0.171	0.101	9.608	10.601	11.715	12.970	14.385
10.1	0.469	0.106	9.034	10.131	11.295	12.527	13.826	-0.172	0.101	9.639	10.638	11.760	13.024	14.449
10.2	0.458	0.106	9.081	10.183	11.354	12.595	13.906	-0.173	0.101	9.671	10.676	11.806	13.078	14.515
10.3	0.447	0.106	9.128	10.236	11.415	12.665	13.986	-0.173	0.102	9.704	10.715	11.853	13.135	14.582
10.4	0.437	0.107	9.176	10.290	11.476	12.735	14.068	-0.174	0.102	9.737	10.755	11.901	13.192	14.651
10.5	0.426	0.107	9.225	10.344	11.538	12.806	14.151	-0.175	0.102	9.772	10.797	11.950	13.251	14.721
10.6	0.415	0.107	9.275	10.400	11.600	12.878	14.235	-0.175	0.103	9.808	10.839	12.001	13.311	14.792
10.7	0.405	0.107	9.325	10.455	11.663	12.951	14.319	-0.176	0.103	9.845	10.883	12.052	13.372	14.866
10.8	0.394	0.107	9.376	10.512	11.727	13.024	14.404	-0.177	0.103	9.883	10.928	12.106	13.436	14.941
10.9	0.384	0.107	9.427	10.569	11.791	13.097	14.489	-0.177	0.104	9.922	10.974	12.160	13.501	15.018
11.0	0.373	0.107	9.479	10.626	11.856	13.171	14.575	-0.178	0.104	9.962	11.022	12.217	13.567	15.097
11.1	0.362	0.107	9.531	10.683	11.921	13.246	14.661	-0.179	0.104	10.004	11.071	12.275	13.636	15.178

Table S5. Subtotal Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	0.352	0.108	9.584	10.741	11.986	13.320	14.747	-0.179	0.104	10.047	11.121	12.334	13.706	15.261
11.3	0.341	0.108	9.637	10.799	12.051	13.395	14.834	-0.180	0.105	10.091	11.173	12.395	13.778	15.347
11.4	0.330	0.108	9.690	10.858	12.116	13.469	14.920	-0.181	0.105	10.137	11.227	12.458	13.852	15.434
11.5	0.320	0.108	9.742	10.916	12.182	13.544	15.006	-0.181	0.105	10.184	11.282	12.523	13.928	15.524
11.6	0.309	0.108	9.795	10.974	12.247	13.618	15.092	-0.182	0.106	10.233	11.339	12.590	14.006	15.615
11.7	0.298	0.108	9.848	11.032	12.311	13.692	15.177	-0.183	0.106	10.283	11.397	12.658	14.086	15.709
11.8	0.288	0.108	9.901	11.089	12.376	13.765	15.262	-0.183	0.106	10.334	11.457	12.728	14.168	15.805
11.9	0.277	0.108	9.954	11.147	12.440	13.838	15.346	-0.184	0.106	10.387	11.519	12.799	14.252	15.904
12.0	0.267	0.108	10.006	11.203	12.503	13.910	15.430	-0.185	0.107	10.441	11.582	12.872	14.337	16.004
12.1	0.256	0.108	10.057	11.260	12.566	13.982	15.513	-0.186	0.107	10.497	11.646	12.947	14.424	16.106
12.2	0.245	0.108	10.109	11.316	12.628	14.052	15.594	-0.186	0.107	10.554	11.712	13.024	14.513	16.210
12.3	0.235	0.108	10.160	11.371	12.689	14.122	15.675	-0.187	0.107	10.612	11.779	13.101	14.604	16.316
12.4	0.224	0.108	10.210	11.425	12.750	14.190	15.754	-0.188	0.108	10.671	11.847	13.181	14.697	16.424
12.5	0.213	0.108	10.259	11.479	12.809	14.258	15.833	-0.188	0.108	10.731	11.917	13.262	14.791	16.533
12.6	0.203	0.108	10.308	11.531	12.868	14.324	15.910	-0.189	0.108	10.793	11.988	13.344	14.886	16.645
12.7	0.192	0.108	10.356	11.583	12.925	14.390	15.985	-0.190	0.108	10.856	12.061	13.428	14.983	16.757
12.8	0.181	0.108	10.404	11.634	12.981	14.454	16.060	-0.190	0.109	10.920	12.134	13.512	15.081	16.871
12.9	0.171	0.109	10.450	11.684	13.036	14.516	16.132	-0.191	0.109	10.984	12.208	13.598	15.180	16.987
13.0	0.160	0.109	10.496	11.733	13.090	14.577	16.204	-0.192	0.109	11.050	12.283	13.685	15.281	17.103
13.1	0.149	0.109	10.540	11.781	13.143	14.637	16.273	-0.192	0.109	11.116	12.359	13.772	15.382	17.221
13.2	0.139	0.109	10.584	11.827	13.194	14.695	16.341	-0.193	0.110	11.183	12.436	13.860	15.484	17.339
13.3	0.128	0.109	10.627	11.873	13.244	14.752	16.408	-0.194	0.110	11.250	12.513	13.949	15.586	17.458
13.4	0.118	0.109	10.668	11.917	13.293	14.808	16.472	-0.194	0.110	11.318	12.591	14.039	15.690	17.578
13.5	0.107	0.109	10.709	11.960	13.341	14.862	16.535	-0.195	0.110	11.387	12.669	14.129	15.793	17.698
13.6	0.096	0.109	10.748	12.002	13.387	14.914	16.597	-0.196	0.110	11.455	12.748	14.219	15.897	17.818
13.7	0.086	0.109	10.787	12.043	13.431	14.965	16.657	-0.196	0.111	11.524	12.827	14.309	16.002	17.939
13.8	0.075	0.109	10.824	12.082	13.475	15.014	16.715	-0.197	0.111	11.593	12.906	14.400	16.106	18.059
13.9	0.064	0.109	10.861	12.121	13.517	15.062	16.771	-0.198	0.111	11.663	12.985	14.490	16.210	18.179
14.0	0.054	0.109	10.896	12.158	13.557	15.108	16.826	-0.198	0.111	11.732	13.063	14.580	16.313	18.299
14.1	0.043	0.109	10.930	12.194	13.596	15.153	16.879	-0.199	0.111	11.800	13.142	14.670	16.417	18.418
14.2	0.032	0.109	10.963	12.228	13.634	15.196	16.931	-0.200	0.111	11.869	13.220	14.759	16.519	18.537
14.3	0.022	0.109	10.995	12.262	13.671	15.238	16.981	-0.200	0.112	11.937	13.297	14.848	16.621	18.654
14.4	0.011	0.109	11.026	12.294	13.706	15.279	17.029	-0.201	0.112	12.005	13.374	14.936	16.722	18.771
14.5	0.000	0.109	11.056	12.326	13.741	15.318	17.076	-0.202	0.112	12.072	13.451	15.023	16.822	18.886
14.6	-0.010	0.109	11.085	12.356	13.773	15.356	17.122	-0.202	0.112	12.138	13.526	15.110	16.921	19.000
14.7	-0.021	0.109	11.113	12.385	13.805	15.392	17.166	-0.203	0.112	12.204	13.601	15.195	17.019	19.113
14.8	-0.031	0.109	11.140	12.412	13.835	15.427	17.208	-0.204	0.112	12.269	13.675	15.279	17.116	19.224
14.9	-0.042	0.109	11.166	12.439	13.865	15.461	17.250	-0.204	0.112	12.333	13.748	15.362	17.211	19.334
15.0	-0.053	0.109	11.191	12.465	13.893	15.493	17.290	-0.205	0.112	12.397	13.820	15.444	17.305	19.442
15.1	-0.063	0.109	11.215	12.490	13.920	15.525	17.328	-0.206	0.113	12.459	13.890	15.525	17.397	19.548
15.2	-0.074	0.109	11.238	12.513	13.945	15.555	17.365	-0.206	0.113	12.520	13.960	15.604	17.487	19.652
15.3	-0.085	0.109	11.261	12.536	13.970	15.584	17.402	-0.207	0.113	12.580	14.028	15.681	17.576	19.754
15.4	-0.095	0.109	11.282	12.558	13.994	15.612	17.436	-0.208	0.113	12.639	14.095	15.757	17.663	19.854
15.5	-0.106	0.109	11.302	12.579	14.017	15.638	17.470	-0.208	0.113	12.697	14.160	15.832	17.748	19.952
15.6	-0.117	0.109	11.322	12.599	14.038	15.664	17.503	-0.209	0.113	12.754	14.224	15.905	17.832	20.048
15.7	-0.127	0.109	11.341	12.618	14.059	15.689	17.534	-0.210	0.113	12.809	14.287	15.976	17.913	20.142
15.8	-0.138	0.109	11.359	12.636	14.079	15.712	17.565	-0.211	0.113	12.863	14.348	16.046	17.993	20.233
15.9	-0.148	0.109	11.376	12.653	14.098	15.735	17.595	-0.211	0.113	12.916	14.408	16.114	18.071	20.322
16.0	-0.159	0.109	11.393	12.670	14.116	15.757	17.623	-0.212	0.113	12.968	14.467	16.180	18.146	20.409
16.1	-0.170	0.109	11.409	12.686	14.134	15.778	17.651	-0.213	0.113	13.019	14.524	16.245	18.220	20.494
16.2	-0.180	0.109	11.424	12.701	14.150	15.799	17.678	-0.213	0.113	13.068	14.579	16.308	18.292	20.576
16.3	-0.191	0.109	11.439	12.716	14.166	15.818	17.704	-0.214	0.113	13.116	14.633	16.369	18.362	20.656
16.4	-0.202	0.109	11.453	12.730	14.182	15.837	17.730	-0.215	0.114	13.162	14.686	16.429	18.430	20.734
16.5	-0.212	0.109	11.467	12.743	14.196	15.855	17.755	-0.215	0.114	13.208	14.737	16.487	18.495	20.810
16.6	-0.223	0.109	11.480	12.756	14.210	15.873	17.779	-0.216	0.114	13.252	14.786	16.543	18.559	20.883
16.7	-0.234	0.109	11.492	12.768	14.224	15.890	17.803	-0.217	0.114	13.294	14.835	16.597	18.622	20.954
16.8	-0.244	0.109	11.504	12.780	14.237	15.906	17.826	-0.217	0.114	13.336	14.881	16.650	18.682	21.023
16.9	-0.255	0.109	11.516	12.791	14.249	15.922	17.848	-0.218	0.114	13.377	14.927	16.702	18.740	21.090
17.0	-0.266	0.109	11.527	12.802	14.261	15.937	17.870	-0.219	0.114	13.416	14.971	16.751	18.797	21.155
17.1	-0.276	0.110	11.537	12.812	14.272	15.952	17.892	-0.219	0.114	13.454	15.014	16.800	18.852	21.217
17.2	-0.287	0.110	11.548	12.822	14.283	15.966	17.913	-0.220	0.114	13.491	15.055	16.846	18.904	21.278
17.3	-0.297	0.110	11.558	12.832	14.294	15.980	17.933	-0.221	0.114	13.526	15.095	16.891	18.956	21.336

Table S5. Subtotal Lean Soft Tissue Mass Index, kg/m^2

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	-0.308	0.110	11.567	12.841	14.304	15.993	17.953	-0.221	0.114	13.561	15.134	16.935	19.005	21.393
17.5	-0.319	0.110	11.576	12.849	14.314	16.006	17.973	-0.222	0.114	13.595	15.171	16.977	19.053	21.447
17.6	-0.329	0.110	11.585	12.858	14.323	16.019	17.992	-0.223	0.114	13.627	15.208	17.018	19.099	21.500
17.7	-0.340	0.110	11.594	12.866	14.332	16.031	18.011	-0.223	0.114	13.659	15.243	17.058	19.144	21.551
17.8	-0.351	0.110	11.602	12.873	14.340	16.043	18.030	-0.224	0.114	13.689	15.277	17.096	19.187	21.600
17.9	-0.361	0.110	11.609	12.880	14.348	16.054	18.048	-0.225	0.114	13.719	15.310	17.133	19.229	21.647
18.0	-0.372	0.110	11.617	12.887	14.356	16.065	18.065	-0.225	0.114	13.747	15.341	17.168	19.269	21.693
18.1	-0.383	0.110	11.624	12.894	14.363	16.075	18.083	-0.226	0.114	13.775	15.372	17.203	19.307	21.737
18.2	-0.393	0.110	11.631	12.900	14.370	16.085	18.099	-0.227	0.114	13.802	15.402	17.236	19.345	21.779
18.3	-0.404	0.110	11.637	12.906	14.377	16.095	18.116	-0.227	0.114	13.828	15.431	17.268	19.381	21.820
18.4	-0.415	0.110	11.643	12.911	14.383	16.104	18.132	-0.228	0.114	13.853	15.458	17.299	19.416	21.860
18.5	-0.425	0.110	11.649	12.916	14.389	16.113	18.148	-0.229	0.114	13.877	15.485	17.329	19.449	21.898
18.6	-0.436	0.111	11.655	12.921	14.394	16.122	18.163	-0.229	0.114	13.901	15.511	17.358	19.482	21.935
18.7	-0.446	0.111	11.660	12.926	14.400	16.130	18.178	-0.230	0.114	13.924	15.537	17.386	19.513	21.970
18.8	-0.457	0.111	11.665	12.930	14.404	16.138	18.192	-0.231	0.114	13.946	15.561	17.413	19.544	22.005
18.9	-0.468	0.111	11.670	12.934	14.409	16.145	18.206	-0.231	0.114	13.968	15.585	17.440	19.573	22.038
19.0	-0.478	0.111	11.674	12.937	14.413	16.152	18.220	-0.232	0.114	13.989	15.608	17.465	19.602	22.070
19.1	-0.489	0.111	11.679	12.941	14.417	16.159	18.234	-0.233	0.114	14.010	15.631	17.490	19.630	22.102
19.2	-0.500	0.111	11.683	12.944	14.421	16.165	18.247	-0.234	0.114	14.030	15.653	17.515	19.657	22.132
19.3	-0.510	0.111	11.686	12.947	14.424	16.172	18.260	-0.234	0.114	14.050	15.675	17.539	19.684	22.162
19.4	-0.521	0.111	11.690	12.949	14.427	16.177	18.272	-0.235	0.114	14.069	15.696	17.562	19.709	22.191
19.5	-0.532	0.111	11.693	12.952	14.430	16.183	18.285	-0.236	0.114	14.088	15.717	17.585	19.735	22.219
19.6	-0.542	0.111	11.697	12.954	14.432	16.188	18.297	-0.236	0.114	14.107	15.737	17.607	19.760	22.247
19.7	-0.553	0.111	11.700	12.956	14.435	16.193	18.309	-0.237	0.114	14.125	15.757	17.629	19.784	22.274
19.8	-0.564	0.111	11.703	12.958	14.437	16.198	18.320	-0.238	0.114	14.143	15.777	17.651	19.808	22.301
19.9	-0.574	0.112	11.705	12.959	14.439	16.203	18.332	-0.238	0.114	14.161	15.797	17.672	19.832	22.328
20.0	-0.585	0.112	11.708	12.961	14.441	16.207	18.343	-0.239	0.114	14.179	15.816	17.694	19.855	22.354

Table S6. Total Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.077	0.124	10.237	11.610	13.152	14.880	16.816	-0.168	0.113	11.386	12.713	14.223	15.947	17.920
5.1	0.077	0.124	10.383	11.780	13.347	15.106	17.076	-0.165	0.114	11.541	12.891	14.429	16.185	18.195
5.2	0.077	0.125	10.529	11.949	13.543	15.331	17.335	-0.162	0.114	11.695	13.070	14.636	16.424	18.471
5.3	0.077	0.125	10.675	12.118	13.738	15.557	17.595	-0.159	0.115	11.849	13.248	14.842	16.663	18.748
5.4	0.077	0.125	10.821	12.287	13.934	15.782	17.855	-0.157	0.115	12.003	13.427	15.049	16.903	19.026
5.5	0.078	0.125	10.966	12.455	14.129	16.008	18.116	-0.154	0.116	12.157	13.605	15.257	17.143	19.304
5.6	0.078	0.126	11.111	12.624	14.325	16.234	18.376	-0.151	0.116	12.311	13.784	15.464	17.384	19.584
5.7	0.078	0.126	11.257	12.793	14.520	16.460	18.638	-0.148	0.116	12.464	13.963	15.672	17.626	19.864
5.8	0.078	0.126	11.401	12.961	14.716	16.687	18.899	-0.145	0.117	12.618	14.142	15.880	17.868	20.146
5.9	0.078	0.127	11.546	13.130	14.911	16.913	19.161	-0.142	0.117	12.772	14.321	16.089	18.111	20.428
6.0	0.078	0.127	11.691	13.298	15.107	17.140	19.423	-0.140	0.118	12.925	14.501	16.298	18.354	20.712
6.1	0.079	0.127	11.835	13.467	15.303	17.367	19.686	-0.137	0.118	13.079	14.680	16.508	18.599	20.996
6.2	0.079	0.127	11.980	13.635	15.499	17.595	19.949	-0.134	0.119	13.233	14.860	16.718	18.844	21.282
6.3	0.079	0.128	12.125	13.804	15.696	17.823	20.213	-0.131	0.119	13.387	15.040	16.929	19.090	21.569
6.4	0.079	0.128	12.270	13.974	15.893	18.052	20.478	-0.128	0.120	13.540	15.221	17.140	19.337	21.858
6.5	0.079	0.128	12.415	14.143	16.090	18.281	20.744	-0.126	0.120	13.695	15.402	17.352	19.586	22.147
6.6	0.079	0.129	12.561	14.313	16.288	18.512	21.011	-0.123	0.121	13.849	15.583	17.565	19.834	22.438
6.7	0.080	0.129	12.706	14.484	16.487	18.743	21.280	-0.120	0.121	14.003	15.765	17.778	20.084	22.731
6.8	0.080	0.129	12.853	14.655	16.687	18.975	21.549	-0.117	0.122	14.158	15.947	17.992	20.335	23.025
6.9	0.080	0.129	13.000	14.827	16.887	19.209	21.820	-0.114	0.122	14.312	16.129	18.207	20.587	23.320
7.0	0.080	0.130	13.147	15.000	17.089	19.444	22.093	-0.111	0.122	14.467	16.312	18.423	20.841	23.617
7.1	0.080	0.130	13.296	15.174	17.293	19.680	22.368	-0.109	0.123	14.622	16.496	18.639	21.095	23.915
7.2	0.080	0.130	13.446	15.349	17.497	19.919	22.646	-0.106	0.123	14.778	16.679	18.855	21.350	24.214
7.3	0.081	0.131	13.597	15.526	17.704	20.160	22.926	-0.103	0.124	14.933	16.864	19.073	21.606	24.515
7.4	0.081	0.131	13.749	15.705	17.913	20.404	23.209	-0.100	0.124	15.089	17.048	19.291	21.863	24.817
7.5	0.081	0.131	13.903	15.885	18.124	20.650	23.495	-0.097	0.125	15.245	17.233	19.510	22.121	25.121
7.6	0.081	0.131	14.059	16.068	18.337	20.898	23.784	-0.095	0.125	15.401	17.418	19.729	22.380	25.425
7.7	0.081	0.132	14.217	16.253	18.554	21.150	24.077	-0.092	0.126	15.557	17.604	19.949	22.640	25.732
7.8	0.081	0.132	14.377	16.440	18.773	21.406	24.374	-0.089	0.126	15.713	17.790	20.170	22.901	26.039
7.9	0.082	0.132	14.539	16.630	18.995	21.665	24.675	-0.086	0.127	15.870	17.977	20.392	23.163	26.348
8.0	0.082	0.132	14.703	16.823	19.220	21.928	24.981	-0.083	0.127	16.027	18.165	20.615	23.427	26.659
8.1	0.082	0.133	14.871	17.020	19.450	22.195	25.292	-0.080	0.128	16.184	18.353	20.838	23.692	26.972
8.2	0.082	0.133	15.041	17.219	19.683	22.467	25.608	-0.078	0.128	16.343	18.542	21.063	23.958	27.287
8.3	0.082	0.133	15.215	17.422	19.921	22.744	25.930	-0.075	0.129	16.502	18.732	21.290	24.226	27.603
8.4	0.083	0.134	15.392	17.630	20.163	23.026	26.257	-0.072	0.129	16.661	18.923	21.517	24.496	27.922
8.5	0.083	0.134	15.572	17.841	20.409	23.313	26.591	-0.069	0.130	16.822	19.115	21.746	24.768	28.243
8.6	0.083	0.134	15.756	18.056	20.661	23.606	26.931	-0.066	0.130	16.983	19.309	21.977	25.042	28.567
8.7	0.083	0.134	15.944	18.276	20.917	23.904	27.278	-0.064	0.130	17.146	19.504	22.210	25.318	28.894
8.8	0.083	0.134	16.136	18.501	21.179	24.209	27.631	-0.061	0.131	17.310	19.700	22.444	25.597	29.223
8.9	0.083	0.135	16.332	18.730	21.446	24.520	27.992	-0.058	0.131	17.475	19.899	22.681	25.878	29.556
9.0	0.084	0.135	16.533	18.964	21.719	24.836	28.359	-0.055	0.132	17.642	20.100	22.921	26.163	29.893
9.1	0.084	0.135	16.737	19.203	21.997	25.160	28.734	-0.052	0.132	17.811	20.303	23.163	26.451	30.233
9.2	0.084	0.135	16.946	19.447	22.281	25.490	29.116	-0.049	0.133	17.983	20.508	23.409	26.743	30.578
9.3	0.084	0.135	17.160	19.696	22.571	25.827	29.506	-0.047	0.133	18.156	20.717	23.658	27.038	30.928
9.4	0.084	0.136	17.379	19.951	22.868	26.170	29.904	-0.044	0.134	18.333	20.929	23.910	27.338	31.283
9.5	0.084	0.136	17.602	20.211	23.170	26.520	30.309	-0.041	0.134	18.512	21.144	24.167	27.643	31.643
9.6	0.085	0.136	17.830	20.476	23.478	26.877	30.722	-0.038	0.134	18.694	21.362	24.428	27.953	32.009
9.7	0.085	0.136	18.062	20.746	23.791	27.241	31.142	-0.035	0.135	18.879	21.585	24.693	28.268	32.381
9.8	0.085	0.136	18.299	21.022	24.111	27.610	31.569	-0.033	0.135	19.068	21.811	24.964	28.588	32.759
9.9	0.085	0.136	18.540	21.302	24.436	27.986	32.003	-0.030	0.136	19.261	22.043	25.239	28.915	33.145
10.0	0.085	0.137	18.785	21.587	24.766	28.368	32.443	-0.027	0.136	19.459	22.279	25.521	29.249	33.538
10.1	0.085	0.137	19.035	21.877	25.102	28.756	32.891	-0.024	0.136	19.660	22.520	25.808	29.589	33.939
10.2	0.086	0.137	19.290	22.172	25.443	29.150	33.344	-0.021	0.137	19.867	22.767	26.102	29.937	34.349
10.3	0.086	0.137	19.548	22.471	25.789	29.549	33.804	-0.018	0.137	20.078	23.020	26.403	30.292	34.768
10.4	0.086	0.137	19.810	22.775	26.139	29.953	34.269	-0.016	0.138	20.295	23.279	26.710	30.656	35.195
10.5	0.086	0.137	20.076	23.082	26.494	30.362	34.739	-0.013	0.138	20.517	23.545	27.026	31.029	35.633
10.6	0.086	0.137	20.345	23.393	26.852	30.774	35.213	-0.010	0.138	20.746	23.817	27.349	31.410	36.081
10.7	0.086	0.137	20.616	23.706	27.214	31.190	35.690	-0.007	0.139	20.980	24.097	27.680	31.800	36.539
10.8	0.087	0.137	20.891	24.023	27.579	31.609	36.171	-0.004	0.139	21.221	24.383	28.019	32.200	37.008
10.9	0.087	0.137	21.168	24.342	27.946	32.031	36.654	-0.002	0.139	21.468	24.677	28.367	32.610	37.488
11.0	0.087	0.137	21.447	24.663	28.315	32.454	37.139	0.001	0.140	21.722	24.979	28.724	33.029	37.979
11.1	0.087	0.137	21.727	24.986	28.686	32.879	37.625	0.004	0.140	21.983	25.289	29.090	33.459	38.482

Table S6. Total Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	0.087	0.137	22.009	25.310	29.058	33.305	38.111	0.007	0.140	22.251	25.606	29.465	33.899	38.996
11.3	0.088	0.137	22.292	25.635	29.430	33.731	38.598	0.010	0.141	22.526	25.933	29.849	34.350	39.523
11.4	0.088	0.137	22.576	25.960	29.802	34.156	39.083	0.013	0.141	22.808	26.267	30.243	34.812	40.062
11.5	0.088	0.137	22.859	26.285	30.174	34.580	39.567	0.015	0.141	23.099	26.611	30.647	35.285	40.613
11.6	0.088	0.137	23.142	26.610	30.544	35.003	40.047	0.018	0.141	23.397	26.963	31.061	35.769	41.176
11.7	0.088	0.137	23.425	26.933	30.913	35.423	40.525	0.021	0.142	23.702	27.323	31.484	36.263	41.751
11.8	0.088	0.137	23.706	27.254	31.279	35.840	40.998	0.024	0.142	24.014	27.691	31.916	36.768	42.337
11.9	0.089	0.137	23.986	27.573	31.643	36.253	41.467	0.027	0.142	24.334	28.068	32.358	37.283	42.934
12.0	0.089	0.137	24.264	27.890	32.003	36.661	41.930	0.029	0.142	24.660	28.452	32.808	37.807	43.542
12.1	0.089	0.137	24.540	28.203	32.359	37.065	42.387	0.032	0.142	24.994	28.844	33.266	38.341	44.161
12.2	0.089	0.136	24.813	28.513	32.710	37.463	42.837	0.035	0.142	25.334	29.244	33.733	38.884	44.789
12.3	0.089	0.136	25.082	28.820	33.057	37.855	43.280	0.038	0.143	25.681	29.651	34.208	39.435	45.427
12.4	0.089	0.136	25.349	29.122	33.399	38.241	43.715	0.041	0.143	26.034	30.065	34.691	39.996	46.073
12.5	0.090	0.136	25.612	29.419	33.735	38.620	44.141	0.044	0.143	26.394	30.486	35.182	40.564	46.729
12.6	0.090	0.136	25.871	29.712	34.065	38.992	44.559	0.046	0.143	26.759	30.914	35.679	41.139	47.391
12.7	0.090	0.136	26.125	29.999	34.389	39.355	44.967	0.049	0.143	27.130	31.346	36.182	41.721	48.061
12.8	0.090	0.136	26.374	30.280	34.705	39.711	45.365	0.052	0.143	27.505	31.785	36.691	42.309	48.736
12.9	0.090	0.135	26.619	30.555	35.014	40.057	45.753	0.055	0.143	27.885	32.228	37.204	42.902	49.416
13.0	0.090	0.135	26.858	30.824	35.316	40.395	46.130	0.058	0.143	28.269	32.675	37.723	43.499	50.101
13.1	0.091	0.135	27.092	31.087	35.609	40.723	46.496	0.061	0.143	28.657	33.126	38.244	44.099	50.788
13.2	0.091	0.135	27.321	31.343	35.896	41.042	46.851	0.063	0.143	29.047	33.580	38.769	44.702	51.478
13.3	0.091	0.135	27.544	31.592	36.174	41.352	47.196	0.066	0.143	29.441	34.037	39.297	45.308	52.169
13.4	0.091	0.134	27.761	31.834	36.444	41.653	47.529	0.069	0.143	29.837	34.497	39.826	45.915	52.861
13.5	0.091	0.134	27.972	32.070	36.706	41.943	47.851	0.072	0.143	30.235	34.957	40.357	46.522	53.552
13.6	0.091	0.134	28.177	32.298	36.960	42.224	48.162	0.075	0.143	30.634	35.419	40.888	47.129	54.242
13.7	0.092	0.134	28.376	32.520	37.205	42.495	48.461	0.077	0.143	31.034	35.881	41.418	47.735	54.929
13.8	0.092	0.134	28.569	32.733	37.442	42.757	48.748	0.080	0.143	31.434	36.343	41.948	48.338	55.613
13.9	0.092	0.133	28.756	32.940	37.670	43.008	49.025	0.083	0.142	31.834	36.804	42.475	48.939	56.292
14.0	0.092	0.133	28.936	33.140	37.890	43.250	49.290	0.086	0.142	32.233	37.263	43.000	49.535	56.966
14.1	0.092	0.133	29.111	33.332	38.101	43.482	49.544	0.089	0.142	32.631	37.720	43.522	50.127	57.634
14.2	0.093	0.133	29.279	33.517	38.305	43.705	49.788	0.092	0.142	33.026	38.174	44.040	50.714	58.294
14.3	0.093	0.132	29.441	33.696	38.500	43.919	50.021	0.094	0.142	33.420	38.624	44.553	51.294	58.946
14.4	0.093	0.132	29.597	33.867	38.688	44.124	50.243	0.097	0.142	33.810	39.071	45.061	51.867	59.588
14.5	0.093	0.132	29.748	34.031	38.868	44.319	50.455	0.100	0.141	34.197	39.514	45.563	52.433	60.221
14.6	0.093	0.132	29.892	34.189	39.040	44.506	50.657	0.103	0.141	34.581	39.951	46.058	52.990	60.844
14.7	0.093	0.132	30.030	34.340	39.204	44.684	50.849	0.106	0.141	34.960	40.383	46.547	53.539	61.456
14.8	0.094	0.131	30.163	34.485	39.361	44.853	51.032	0.108	0.141	35.335	40.810	47.028	54.078	62.056
14.9	0.094	0.131	30.290	34.623	39.510	45.015	51.205	0.111	0.141	35.705	41.230	47.502	54.608	62.644
15.0	0.094	0.131	30.412	34.755	39.653	45.168	51.370	0.114	0.140	36.069	41.643	47.967	55.128	63.219
15.1	0.094	0.131	30.528	34.881	39.789	45.314	51.525	0.117	0.140	36.428	42.050	48.424	55.636	63.781
15.2	0.094	0.131	30.639	35.001	39.918	45.452	51.672	0.120	0.140	36.781	42.449	48.871	56.133	64.329
15.3	0.094	0.130	30.745	35.115	40.040	45.583	51.812	0.123	0.139	37.128	42.839	49.308	56.618	64.863
15.4	0.095	0.130	30.846	35.224	40.157	45.707	51.943	0.125	0.139	37.468	43.222	49.736	57.092	65.382
15.5	0.095	0.130	30.943	35.327	40.267	45.824	52.067	0.128	0.139	37.801	43.597	50.153	57.553	65.887
15.6	0.095	0.130	31.034	35.425	40.372	45.935	52.183	0.131	0.139	38.128	43.964	50.561	58.002	66.377
15.7	0.095	0.130	31.121	35.519	40.471	46.039	52.293	0.134	0.138	38.447	44.322	50.958	58.439	66.852
15.8	0.095	0.130	31.204	35.607	40.564	46.138	52.396	0.137	0.138	38.760	44.671	51.345	58.863	67.313
15.9	0.095	0.129	31.283	35.690	40.653	46.231	52.492	0.139	0.138	39.065	45.012	51.722	59.275	67.759
16.0	0.096	0.129	31.357	35.770	40.736	46.318	52.583	0.142	0.137	39.363	45.344	52.088	59.674	68.189
16.1	0.096	0.129	31.428	35.845	40.815	46.400	52.668	0.145	0.137	39.653	45.667	52.443	60.060	68.605
16.2	0.096	0.129	31.496	35.916	40.889	46.478	52.748	0.148	0.137	39.936	45.980	52.787	60.434	69.005
16.3	0.096	0.129	31.559	35.983	40.960	46.550	52.822	0.151	0.136	40.211	46.285	53.120	60.795	69.391
16.4	0.096	0.129	31.620	36.046	41.026	46.619	52.892	0.154	0.136	40.479	46.581	53.443	61.143	69.761
16.5	0.097	0.128	31.677	36.107	41.088	46.683	52.957	0.156	0.136	40.739	46.867	53.756	61.479	70.118
16.6	0.097	0.128	31.731	36.163	41.147	46.743	53.018	0.159	0.135	40.992	47.146	54.058	61.803	70.460
16.7	0.097	0.128	31.783	36.217	41.203	46.800	53.076	0.162	0.135	41.238	47.415	54.349	62.114	70.788
16.8	0.097	0.128	31.831	36.268	41.255	46.853	53.129	0.165	0.135	41.476	47.676	54.631	62.414	71.102
16.9	0.097	0.128	31.878	36.316	41.304	46.903	53.179	0.168	0.134	41.708	47.928	54.903	62.703	71.403
17.0	0.097	0.128	31.921	36.361	41.350	46.950	53.225	0.170	0.134	41.932	48.172	55.165	62.979	71.691
17.1	0.098	0.128	31.963	36.404	41.394	46.994	53.268	0.173	0.134	42.149	48.408	55.417	63.245	71.965
17.2	0.098	0.128	32.002	36.444	41.435	47.035	53.309	0.176	0.133	42.359	48.636	55.660	63.500	72.227
17.3	0.098	0.127	32.039	36.482	41.474	47.073	53.346	0.179	0.133	42.562	48.856	55.894	63.744	72.477

Table S6. Total Lean Soft Tissue Mass, kg														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	0.098	0.127	32.074	36.518	41.510	47.110	53.382	0.182	0.133	42.759	49.068	56.118	63.977	72.714
17.5	0.098	0.127	32.108	36.552	41.545	47.144	53.414	0.185	0.132	42.949	49.272	56.334	64.200	72.940
17.6	0.098	0.127	32.139	36.585	41.577	47.176	53.445	0.187	0.132	43.133	49.469	56.541	64.414	73.155
17.7	0.099	0.127	32.169	36.615	41.607	47.205	53.473	0.190	0.132	43.311	49.659	56.740	64.618	73.358
17.8	0.099	0.127	32.198	36.644	41.636	47.233	53.499	0.193	0.131	43.484	49.842	56.931	64.812	73.551
17.9	0.099	0.127	32.225	36.671	41.663	47.259	53.524	0.196	0.131	43.650	50.019	57.114	64.998	73.734
18.0	0.099	0.127	32.250	36.696	41.688	47.283	53.546	0.199	0.131	43.811	50.189	57.290	65.175	73.907
18.1	0.099	0.127	32.274	36.721	41.712	47.306	53.567	0.201	0.130	43.966	50.352	57.459	65.344	74.070
18.2	0.099	0.127	32.297	36.743	41.734	47.327	53.586	0.204	0.130	44.116	50.510	57.620	65.505	74.225
18.3	0.100	0.126	32.318	36.765	41.755	47.346	53.603	0.207	0.130	44.262	50.662	57.775	65.658	74.370
18.4	0.100	0.126	32.339	36.785	41.774	47.364	53.619	0.210	0.129	44.402	50.808	57.923	65.803	74.507
18.5	0.100	0.126	32.358	36.804	41.792	47.381	53.634	0.213	0.129	44.538	50.949	58.066	65.942	74.637
18.6	0.100	0.126	32.376	36.822	41.809	47.397	53.647	0.216	0.129	44.670	51.085	58.202	66.075	74.759
18.7	0.100	0.126	32.393	36.838	41.825	47.411	53.660	0.218	0.128	44.797	51.217	58.333	66.201	74.874
18.8	0.100	0.126	32.409	36.854	41.840	47.424	53.670	0.221	0.128	44.921	51.343	58.459	66.321	74.982
18.9	0.101	0.126	32.425	36.869	41.854	47.437	53.680	0.224	0.128	45.041	51.466	58.580	66.436	75.084
19.0	0.101	0.126	32.439	36.883	41.867	47.448	53.689	0.227	0.127	45.158	51.585	58.697	66.545	75.181
19.1	0.101	0.126	32.453	36.896	41.879	47.458	53.697	0.230	0.127	45.271	51.700	58.809	66.650	75.271
19.2	0.101	0.126	32.466	36.909	41.890	47.467	53.704	0.232	0.127	45.382	51.811	58.918	66.750	75.357
19.3	0.101	0.126	32.479	36.920	41.900	47.476	53.710	0.235	0.126	45.489	51.919	59.022	66.845	75.438
19.4	0.102	0.126	32.490	36.931	41.910	47.484	53.715	0.238	0.126	45.594	52.024	59.123	66.937	75.515
19.5	0.102	0.126	32.502	36.942	41.919	47.491	53.720	0.241	0.126	45.697	52.127	59.221	67.026	75.587
19.6	0.102	0.126	32.512	36.951	41.928	47.498	53.723	0.244	0.125	45.797	52.227	59.316	67.111	75.656
19.7	0.102	0.125	32.522	36.961	41.936	47.504	53.727	0.247	0.125	45.896	52.324	59.409	67.193	75.722
19.8	0.102	0.125	32.532	36.970	41.943	47.509	53.729	0.249	0.125	45.993	52.420	59.499	67.273	75.785
19.9	0.102	0.125	32.542	36.978	41.950	47.514	53.731	0.252	0.124	46.088	52.514	59.587	67.350	75.845
20.0	0.103	0.125	32.550	36.986	41.956	47.518	53.733	0.255	0.124	46.182	52.606	59.673	67.425	75.903

Table S7. Subtotal Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.151	0.140	8.190	9.464	10.903	12.523	14.342	-0.072	0.128	9.206	10.441	11.854	13.475	15.335
5.1	0.151	0.140	8.329	9.626	11.091	12.742	14.596	-0.070	0.128	9.352	10.610	12.051	13.704	15.601
5.2	0.152	0.140	8.467	9.788	11.280	12.961	14.849	-0.067	0.128	9.497	10.780	12.249	13.934	15.868
5.3	0.152	0.141	8.605	9.950	11.469	13.180	15.103	-0.065	0.129	9.643	10.950	12.447	14.164	16.135
5.4	0.152	0.141	8.743	10.111	11.657	13.399	15.356	-0.062	0.129	9.788	11.120	12.645	14.394	16.403
5.5	0.152	0.141	8.881	10.273	11.846	13.618	15.610	-0.060	0.129	9.933	11.289	12.843	14.626	16.673
5.6	0.152	0.141	9.019	10.434	12.034	13.837	15.864	-0.058	0.130	10.079	11.460	13.042	14.858	16.943
5.7	0.153	0.141	9.156	10.596	12.223	14.057	16.119	-0.055	0.130	10.224	11.630	13.241	15.090	17.214
5.8	0.153	0.141	9.294	10.757	12.411	14.276	16.373	-0.053	0.131	10.370	11.801	13.441	15.323	17.485
5.9	0.153	0.142	9.431	10.918	12.600	14.496	16.628	-0.050	0.131	10.515	11.971	13.641	15.557	17.758
6.0	0.153	0.142	9.568	11.080	12.789	14.715	16.883	-0.048	0.131	10.661	12.143	13.842	15.792	18.033
6.1	0.153	0.142	9.706	11.241	12.977	14.936	17.138	-0.046	0.132	10.807	12.314	14.043	16.028	18.308
6.2	0.153	0.142	9.843	11.403	13.167	15.156	17.394	-0.043	0.132	10.953	12.486	14.245	16.264	18.584
6.3	0.154	0.142	9.981	11.565	13.356	15.377	17.651	-0.041	0.133	11.099	12.658	14.448	16.502	18.862
6.4	0.154	0.143	10.119	11.727	13.546	15.598	17.908	-0.039	0.133	11.245	12.831	14.651	16.740	19.141
6.5	0.154	0.143	10.257	11.889	13.736	15.821	18.166	-0.036	0.133	11.392	13.004	14.855	16.979	19.421
6.6	0.154	0.143	10.395	12.052	13.927	16.043	18.425	-0.034	0.134	11.538	13.178	15.059	17.220	19.702
6.7	0.154	0.143	10.534	12.216	14.119	16.267	18.685	-0.031	0.134	11.685	13.352	15.264	17.461	19.985
6.8	0.154	0.143	10.673	12.380	14.311	16.492	18.947	-0.029	0.135	11.833	13.526	15.470	17.703	20.269
6.9	0.155	0.144	10.813	12.545	14.505	16.717	19.209	-0.027	0.135	11.980	13.701	15.677	17.946	20.554
7.0	0.155	0.144	10.954	12.710	14.699	16.945	19.474	-0.024	0.135	12.128	13.877	15.885	18.191	20.841
7.1	0.155	0.144	11.096	12.877	14.895	17.174	19.740	-0.022	0.136	12.276	14.053	16.093	18.436	21.129
7.2	0.155	0.144	11.239	13.046	15.093	17.405	20.009	-0.019	0.136	12.425	14.229	16.302	18.682	21.419
7.3	0.155	0.144	11.383	13.216	15.292	17.638	20.280	-0.017	0.137	12.573	14.406	16.511	18.930	21.709
7.4	0.156	0.144	11.528	13.387	15.493	17.873	20.554	-0.015	0.137	12.722	14.583	16.721	19.178	22.001
7.5	0.156	0.145	11.675	13.561	15.697	18.111	20.831	-0.012	0.137	12.871	14.761	16.932	19.427	22.295
7.6	0.156	0.145	11.824	13.736	15.903	18.351	21.111	-0.010	0.138	13.021	14.939	17.144	19.677	22.589
7.7	0.156	0.145	11.974	13.913	16.111	18.595	21.395	-0.008	0.138	13.170	15.118	17.356	19.928	22.885
7.8	0.156	0.145	12.127	14.094	16.323	18.842	21.682	-0.005	0.139	13.320	15.297	17.569	20.180	23.182
7.9	0.156	0.145	12.282	14.276	16.537	19.093	21.974	-0.003	0.139	13.470	15.477	17.783	20.433	23.481
8.0	0.157	0.145	12.439	14.462	16.755	19.347	22.270	0.000	0.139	13.621	15.657	17.997	20.688	23.781
8.1	0.157	0.146	12.600	14.651	16.977	19.606	22.571	0.002	0.140	13.772	15.838	18.213	20.944	24.083
8.2	0.157	0.146	12.763	14.843	17.202	19.870	22.878	0.004	0.140	13.924	16.020	18.430	21.201	24.387
8.3	0.157	0.146	12.929	15.039	17.432	20.138	23.190	0.007	0.140	14.077	16.203	18.649	21.460	24.692
8.4	0.157	0.146	13.098	15.238	17.665	20.411	23.507	0.009	0.141	14.230	16.387	18.868	21.721	25.000
8.5	0.157	0.146	13.271	15.442	17.904	20.689	23.831	0.012	0.141	14.384	16.573	19.090	21.984	25.311
8.6	0.158	0.146	13.447	15.649	18.147	20.973	24.161	0.014	0.142	14.540	16.759	19.313	22.249	25.624
8.7	0.158	0.147	13.627	15.861	18.396	21.263	24.498	0.016	0.142	14.696	16.947	19.537	22.515	25.939
8.8	0.158	0.147	13.811	16.078	18.649	21.559	24.841	0.019	0.142	14.854	17.137	19.764	22.785	26.258
8.9	0.158	0.147	13.999	16.299	18.908	21.860	25.191	0.021	0.143	15.013	17.329	19.993	23.057	26.579
9.0	0.158	0.147	14.191	16.524	19.172	22.168	25.548	0.024	0.143	15.174	17.523	20.225	23.333	26.905
9.1	0.159	0.147	14.388	16.755	19.442	22.482	25.913	0.026	0.144	15.337	17.719	20.460	23.611	27.234
9.2	0.159	0.147	14.588	16.991	19.717	22.803	26.285	0.028	0.144	15.502	17.918	20.697	23.894	27.568
9.3	0.159	0.147	14.794	17.231	19.998	23.130	26.664	0.031	0.144	15.670	18.120	20.939	24.181	27.907
9.4	0.159	0.147	15.003	17.477	20.286	23.464	27.051	0.033	0.145	15.840	18.324	21.183	24.472	28.251
9.5	0.159	0.147	15.218	17.729	20.579	23.805	27.446	0.035	0.145	16.013	18.533	21.432	24.767	28.600
9.6	0.159	0.147	15.437	17.985	20.878	24.152	27.848	0.038	0.145	16.189	18.744	21.685	25.068	28.955
9.7	0.160	0.147	15.660	18.246	21.182	24.506	28.257	0.040	0.146	16.368	18.960	21.943	25.374	29.316
9.8	0.160	0.147	15.887	18.512	21.492	24.865	28.673	0.043	0.146	16.551	19.180	22.206	25.685	29.684
9.9	0.160	0.148	16.119	18.783	21.808	25.231	29.096	0.045	0.146	16.738	19.404	22.474	26.003	30.059
10.0	0.160	0.148	16.355	19.059	22.129	25.603	29.525	0.047	0.147	16.929	19.634	22.747	26.328	30.441
10.1	0.160	0.148	16.596	19.340	22.455	25.981	29.961	0.050	0.147	17.124	19.868	23.027	26.659	30.832
10.2	0.161	0.148	16.840	19.625	22.786	26.365	30.404	0.052	0.147	17.324	20.108	23.313	26.998	31.231
10.3	0.161	0.148	17.089	19.915	23.123	26.754	30.852	0.055	0.148	17.528	20.353	23.605	27.344	31.639
10.4	0.161	0.148	17.341	20.208	23.464	27.148	31.306	0.057	0.148	17.738	20.605	23.905	27.699	32.056
10.5	0.161	0.148	17.596	20.506	23.808	27.546	31.764	0.059	0.148	17.954	20.864	24.213	28.062	32.483
10.6	0.161	0.148	17.855	20.807	24.157	27.948	32.227	0.062	0.148	18.175	21.128	24.528	28.435	32.920
10.7	0.161	0.147	18.117	21.111	24.509	28.354	32.693	0.064	0.149	18.402	21.400	24.851	28.816	33.368
10.8	0.162	0.147	18.381	21.417	24.863	28.762	33.162	0.067	0.149	18.636	21.679	25.182	29.207	33.827
10.9	0.162	0.147	18.648	21.726	25.220	29.173	33.633	0.069	0.149	18.875	21.965	25.521	29.607	34.296
11.0	0.162	0.147	18.916	22.037	25.579	29.586	34.106	0.071	0.150	19.121	22.259	25.870	30.018	34.777
11.1	0.162	0.147	19.186	22.350	25.940	30.000	34.581	0.074	0.150	19.374	22.561	26.227	30.438	35.269

Table S7. Subtotal Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	0.162	0.147	19.458	22.664	26.302	30.416	35.056	0.076	0.150	19.634	22.870	26.593	30.869	35.773
11.3	0.162	0.147	19.731	22.979	26.664	30.831	35.530	0.078	0.150	19.901	23.187	26.968	31.310	36.289
11.4	0.163	0.147	20.004	23.294	27.026	31.246	36.004	0.081	0.150	20.174	23.513	27.353	31.763	36.817
11.5	0.163	0.147	20.277	23.609	27.387	31.659	36.476	0.083	0.151	20.456	23.848	27.748	32.226	37.357
11.6	0.163	0.147	20.550	23.923	27.748	32.071	36.945	0.086	0.151	20.744	24.190	28.152	32.700	37.910
11.7	0.163	0.146	20.823	24.236	28.106	32.481	37.411	0.088	0.151	21.040	24.541	28.566	33.184	38.473
11.8	0.163	0.146	21.094	24.548	28.463	32.887	37.873	0.090	0.151	21.343	24.900	28.988	33.678	39.049
11.9	0.164	0.146	21.364	24.857	28.816	33.290	38.330	0.093	0.151	21.652	25.266	29.419	34.182	39.635
12.0	0.164	0.146	21.632	25.164	29.167	33.688	38.781	0.095	0.151	21.969	25.640	29.859	34.696	40.232
12.1	0.164	0.146	21.898	25.468	29.513	34.081	39.227	0.098	0.151	22.291	26.022	30.307	35.219	40.838
12.2	0.164	0.145	22.161	25.769	29.855	34.470	39.665	0.100	0.151	22.621	26.411	30.763	35.751	41.455
12.3	0.164	0.145	22.422	26.066	30.193	34.852	40.097	0.102	0.151	22.957	26.807	31.227	36.291	42.081
12.4	0.164	0.145	22.679	26.359	30.525	35.228	40.521	0.105	0.151	23.298	27.210	31.699	36.840	42.716
12.5	0.165	0.145	22.933	26.648	30.852	35.597	40.937	0.107	0.152	23.646	27.619	32.178	37.397	43.359
12.6	0.165	0.145	23.183	26.932	31.173	35.959	41.344	0.109	0.152	24.000	28.035	32.663	37.960	44.009
12.7	0.165	0.144	23.429	27.210	31.488	36.314	41.742	0.112	0.152	24.358	28.456	33.155	38.530	44.666
12.8	0.165	0.144	23.670	27.483	31.796	36.660	42.129	0.114	0.152	24.721	28.882	33.651	39.105	45.329
12.9	0.165	0.144	23.907	27.750	32.097	36.997	42.507	0.117	0.151	25.089	29.312	34.153	39.686	45.996
13.0	0.165	0.144	24.138	28.012	32.390	37.326	42.874	0.119	0.151	25.460	29.747	34.658	40.270	46.667
13.1	0.166	0.143	24.365	28.267	32.676	37.646	43.231	0.121	0.151	25.835	30.186	35.168	40.858	47.342
13.2	0.166	0.143	24.586	28.515	32.955	37.957	43.577	0.124	0.151	26.213	30.627	35.680	41.448	48.018
13.3	0.166	0.143	24.802	28.758	33.226	38.259	43.913	0.126	0.151	26.593	31.071	36.194	42.041	48.696
13.4	0.166	0.142	25.012	28.993	33.489	38.552	44.237	0.129	0.151	26.976	31.517	36.711	42.634	49.375
13.5	0.166	0.142	25.217	29.222	33.744	38.835	44.551	0.131	0.151	27.361	31.965	37.228	43.228	50.052
13.6	0.167	0.142	25.416	29.444	33.991	39.109	44.853	0.133	0.151	27.747	32.413	37.746	43.822	50.728
13.7	0.167	0.142	25.609	29.659	34.230	39.373	45.145	0.136	0.151	28.133	32.862	38.263	44.414	51.402
13.8	0.167	0.141	25.796	29.867	34.461	39.628	45.425	0.138	0.150	28.520	33.310	38.779	45.004	52.072
13.9	0.167	0.141	25.977	30.069	34.683	39.873	45.694	0.141	0.150	28.906	33.758	39.293	45.591	52.738
14.0	0.167	0.141	26.153	30.263	34.897	40.109	45.952	0.143	0.150	29.292	34.204	39.805	46.174	53.398
14.1	0.167	0.141	26.322	30.450	35.104	40.335	46.200	0.145	0.150	29.677	34.647	40.313	46.753	54.052
14.2	0.168	0.140	26.485	30.631	35.302	40.552	46.437	0.148	0.150	30.059	35.088	40.818	47.326	54.698
14.3	0.168	0.140	26.643	30.804	35.493	40.761	46.663	0.150	0.149	30.439	35.526	41.317	47.893	55.337
14.4	0.168	0.140	26.795	30.971	35.676	40.960	46.880	0.152	0.149	30.817	35.960	41.812	48.452	55.966
14.5	0.168	0.139	26.941	31.132	35.851	41.151	47.086	0.155	0.149	31.191	36.389	42.301	49.005	56.586
14.6	0.168	0.139	27.082	31.286	36.019	41.333	47.283	0.157	0.149	31.562	36.814	42.783	49.549	57.195
14.7	0.168	0.139	27.217	31.433	36.179	41.506	47.470	0.160	0.148	31.929	37.233	43.259	50.085	57.794
14.8	0.169	0.139	27.346	31.574	36.332	41.671	47.648	0.162	0.148	32.291	37.647	43.728	50.612	58.381
14.9	0.169	0.138	27.470	31.709	36.478	41.829	47.816	0.164	0.148	32.649	38.055	44.189	51.129	58.956
15.0	0.169	0.138	27.589	31.838	36.617	41.978	47.976	0.167	0.147	33.002	38.456	44.642	51.636	59.519
15.1	0.169	0.138	27.702	31.961	36.750	42.121	48.128	0.169	0.147	33.349	38.851	45.086	52.132	60.069
15.2	0.169	0.138	27.811	32.078	36.876	42.255	48.271	0.172	0.147	33.691	39.238	45.522	52.617	60.605
15.3	0.170	0.138	27.915	32.190	36.996	42.383	48.406	0.174	0.146	34.026	39.618	45.947	53.090	61.126
15.4	0.170	0.137	28.014	32.297	37.110	42.504	48.534	0.176	0.146	34.355	39.989	46.363	53.552	61.634
15.5	0.170	0.137	28.108	32.398	37.218	42.618	48.654	0.179	0.146	34.678	40.353	46.770	54.002	62.127
15.6	0.170	0.137	28.197	32.494	37.320	42.726	48.767	0.181	0.145	34.994	40.709	47.166	54.440	62.607
15.7	0.170	0.137	28.283	32.585	37.417	42.828	48.874	0.183	0.145	35.304	41.056	47.553	54.865	63.071
15.8	0.170	0.136	28.364	32.671	37.508	42.924	48.974	0.186	0.145	35.606	41.396	47.929	55.279	63.521
15.9	0.171	0.136	28.441	32.754	37.595	43.015	49.068	0.188	0.144	35.902	41.726	48.296	55.680	63.956
16.0	0.171	0.136	28.514	32.831	37.676	43.100	49.156	0.191	0.144	36.191	42.049	48.651	56.069	64.377
16.1	0.171	0.136	28.584	32.905	37.754	43.181	49.239	0.193	0.143	36.472	42.362	48.997	56.446	64.783
16.2	0.171	0.136	28.650	32.975	37.827	43.256	49.316	0.195	0.143	36.746	42.667	49.331	56.809	65.174
16.3	0.171	0.135	28.713	33.041	37.895	43.327	49.389	0.198	0.143	37.013	42.962	49.656	57.161	65.550
16.4	0.172	0.135	28.772	33.103	37.960	43.394	49.457	0.200	0.142	37.272	43.249	49.970	57.500	65.912
16.5	0.172	0.135	28.829	33.162	38.022	43.457	49.520	0.203	0.142	37.525	43.528	50.273	57.827	66.259
16.6	0.172	0.135	28.882	33.218	38.079	43.516	49.579	0.205	0.142	37.770	43.798	50.567	58.142	66.593
16.7	0.172	0.135	28.933	33.271	38.134	43.571	49.635	0.207	0.141	38.008	44.060	50.850	58.446	66.913
16.8	0.172	0.135	28.981	33.321	38.185	43.623	49.687	0.210	0.141	38.240	44.313	51.124	58.737	67.220
16.9	0.172	0.135	29.027	33.368	38.233	43.672	49.735	0.212	0.140	38.464	44.558	51.388	59.018	67.513
17.0	0.173	0.134	29.070	33.412	38.279	43.717	49.780	0.215	0.140	38.681	44.795	51.643	59.287	67.793
17.1	0.173	0.134	29.111	33.455	38.322	43.760	49.822	0.217	0.140	38.892	45.024	51.888	59.545	68.061
17.2	0.173	0.134	29.149	33.495	38.362	43.800	49.861	0.219	0.139	39.096	45.245	52.123	59.793	68.316
17.3	0.173	0.134	29.186	33.532	38.400	43.838	49.898	0.222	0.139	39.293	45.458	52.350	60.029	68.558

Table S7. Subtotal Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	0.173	0.134	29.221	33.568	38.436	43.874	49.932	0.224	0.139	39.484	45.664	52.568	60.256	68.790
17.5	0.173	0.134	29.255	33.602	38.470	43.907	49.964	0.226	0.138	39.669	45.862	52.777	60.473	69.009
17.6	0.174	0.134	29.286	33.634	38.502	43.938	49.993	0.229	0.138	39.848	46.053	52.978	60.680	69.218
17.7	0.174	0.133	29.316	33.664	38.532	43.967	50.021	0.231	0.137	40.021	46.238	53.171	60.878	69.416
17.8	0.174	0.133	29.344	33.693	38.560	43.994	50.046	0.234	0.137	40.188	46.415	53.357	61.067	69.603
17.9	0.174	0.133	29.371	33.719	38.587	44.020	50.070	0.236	0.137	40.350	46.587	53.534	61.247	69.781
18.0	0.174	0.133	29.396	33.745	38.612	44.044	50.092	0.238	0.136	40.506	46.751	53.704	61.418	69.949
18.1	0.175	0.133	29.420	33.769	38.635	44.066	50.112	0.241	0.136	40.657	46.910	53.868	61.582	70.107
18.2	0.175	0.133	29.443	33.792	38.657	44.087	50.131	0.243	0.136	40.803	47.063	54.024	61.737	70.257
18.3	0.175	0.133	29.465	33.813	38.678	44.106	50.148	0.246	0.135	40.944	47.210	54.174	61.886	70.398
18.4	0.175	0.133	29.485	33.833	38.697	44.124	50.164	0.248	0.135	41.081	47.352	54.318	62.027	70.531
18.5	0.175	0.133	29.505	33.852	38.715	44.141	50.178	0.250	0.135	41.213	47.489	54.455	62.161	70.656
18.6	0.175	0.133	29.523	33.870	38.732	44.156	50.191	0.253	0.134	41.341	47.621	54.587	62.289	70.774
18.7	0.176	0.132	29.540	33.887	38.748	44.170	50.203	0.255	0.134	41.466	47.748	54.714	62.410	70.885
18.8	0.176	0.132	29.557	33.903	38.763	44.184	50.214	0.258	0.133	41.586	47.871	54.836	62.526	70.990
18.9	0.176	0.132	29.573	33.919	38.778	44.196	50.224	0.260	0.133	41.703	47.990	54.953	62.637	71.089
19.0	0.176	0.132	29.588	33.933	38.791	44.208	50.233	0.262	0.133	41.816	48.105	55.066	62.743	71.181
19.1	0.176	0.132	29.602	33.946	38.803	44.218	50.241	0.265	0.132	41.927	48.217	55.174	62.843	71.269
19.2	0.176	0.132	29.616	33.959	38.815	44.228	50.248	0.267	0.132	42.035	48.325	55.279	62.940	71.351
19.3	0.177	0.132	29.629	33.972	38.826	44.237	50.254	0.269	0.132	42.139	48.430	55.380	63.032	71.429
19.4	0.177	0.132	29.641	33.983	38.836	44.245	50.260	0.272	0.131	42.242	48.532	55.478	63.121	71.503
19.5	0.177	0.132	29.653	33.994	38.846	44.253	50.265	0.274	0.131	42.342	48.631	55.572	63.206	71.573
19.6	0.177	0.132	29.664	34.005	38.855	44.260	50.270	0.277	0.131	42.440	48.728	55.664	63.288	71.639
19.7	0.177	0.132	29.675	34.015	38.863	44.267	50.273	0.279	0.130	42.536	48.823	55.753	63.367	71.702
19.8	0.178	0.132	29.685	34.024	38.871	44.273	50.277	0.281	0.130	42.630	48.915	55.840	63.443	71.763
19.9	0.178	0.132	29.695	34.033	38.879	44.278	50.280	0.284	0.130	42.723	49.006	55.925	63.517	71.820
20.0	0.178	0.131	29.705	34.042	38.886	44.284	50.282	0.286	0.129	42.814	49.095	56.008	63.589	71.876

Table S8. Appendicular Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.349	0.164	3.375	4.040	4.785	5.614	6.532	0.122	0.148	3.943	4.590	5.329	6.169	7.124
5.1	0.347	0.164	3.445	4.124	4.885	5.732	6.669	0.118	0.148	4.015	4.675	5.428	6.287	7.263
5.2	0.345	0.164	3.516	4.208	4.984	5.849	6.807	0.115	0.148	4.087	4.759	5.528	6.404	7.402
5.3	0.343	0.165	3.586	4.292	5.084	5.967	6.944	0.111	0.149	4.159	4.844	5.628	6.522	7.541
5.4	0.341	0.165	3.657	4.377	5.184	6.084	7.082	0.107	0.149	4.231	4.929	5.728	6.641	7.682
5.5	0.339	0.165	3.727	4.461	5.284	6.202	7.219	0.104	0.149	4.303	5.014	5.829	6.760	7.823
5.6	0.337	0.165	3.798	4.545	5.384	6.320	7.357	0.100	0.150	4.376	5.100	5.930	6.880	7.965
5.7	0.334	0.165	3.868	4.629	5.484	6.437	7.495	0.097	0.150	4.449	5.186	6.032	7.001	8.108
5.8	0.332	0.165	3.939	4.714	5.584	6.555	7.633	0.093	0.150	4.522	5.273	6.135	7.123	8.252
5.9	0.330	0.165	4.010	4.798	5.684	6.673	7.771	0.089	0.151	4.596	5.360	6.238	7.245	8.398
6.0	0.328	0.165	4.080	4.882	5.784	6.791	7.909	0.086	0.151	4.671	5.448	6.342	7.368	8.544
6.1	0.326	0.165	4.151	4.967	5.884	6.909	8.048	0.082	0.151	4.745	5.536	6.446	7.492	8.692
6.2	0.324	0.165	4.222	5.052	5.985	7.028	8.187	0.079	0.152	4.820	5.625	6.551	7.617	8.840
6.3	0.322	0.165	4.294	5.137	6.085	7.146	8.326	0.075	0.152	4.896	5.714	6.657	7.743	8.990
6.4	0.320	0.165	4.365	5.222	6.187	7.266	8.466	0.071	0.152	4.971	5.804	6.764	7.870	9.141
6.5	0.318	0.165	4.437	5.307	6.288	7.385	8.606	0.068	0.153	5.048	5.894	6.871	7.997	9.294
6.6	0.316	0.165	4.509	5.393	6.390	7.505	8.747	0.064	0.153	5.124	5.985	6.979	8.126	9.447
6.7	0.314	0.165	4.581	5.479	6.492	7.626	8.888	0.061	0.153	5.202	6.076	7.087	8.255	9.602
6.8	0.312	0.165	4.654	5.566	6.594	7.747	9.031	0.057	0.154	5.279	6.168	7.197	8.386	9.758
6.9	0.310	0.165	4.727	5.653	6.698	7.869	9.174	0.054	0.154	5.357	6.260	7.307	8.517	9.916
7.0	0.308	0.165	4.800	5.741	6.802	7.991	9.318	0.050	0.154	5.435	6.353	7.417	8.649	10.074
7.1	0.306	0.165	4.874	5.829	6.906	8.115	9.463	0.046	0.155	5.514	6.447	7.528	8.782	10.233
7.2	0.304	0.165	4.949	5.918	7.012	8.239	9.609	0.043	0.155	5.593	6.540	7.640	8.916	10.394
7.3	0.302	0.165	5.024	6.008	7.119	8.365	9.757	0.039	0.155	5.672	6.634	7.752	9.050	10.555
7.4	0.300	0.165	5.101	6.099	7.226	8.492	9.906	0.036	0.156	5.751	6.728	7.864	9.184	10.717
7.5	0.297	0.165	5.178	6.190	7.335	8.620	10.056	0.032	0.156	5.830	6.822	7.977	9.319	10.879
7.6	0.295	0.165	5.255	6.283	7.445	8.750	10.209	0.029	0.156	5.909	6.916	8.089	9.455	11.043
7.7	0.293	0.165	5.334	6.377	7.556	8.881	10.363	0.026	0.157	5.988	7.011	8.202	9.590	11.206
7.8	0.291	0.166	5.414	6.472	7.669	9.014	10.519	0.022	0.157	6.068	7.105	8.315	9.726	11.371
7.9	0.289	0.166	5.495	6.568	7.783	9.149	10.677	0.019	0.157	6.147	7.199	8.428	9.863	11.535
8.0	0.287	0.166	5.577	6.666	7.898	9.285	10.837	0.015	0.158	6.226	7.294	8.542	9.999	11.701
8.1	0.285	0.166	5.661	6.765	8.016	9.424	11.000	0.012	0.158	6.306	7.389	8.656	10.137	11.867
8.2	0.283	0.166	5.745	6.866	8.135	9.564	11.165	0.009	0.158	6.385	7.484	8.770	10.274	12.034
8.3	0.281	0.166	5.832	6.968	8.256	9.707	11.333	0.005	0.159	6.465	7.579	8.884	10.413	12.203
8.4	0.279	0.166	5.919	7.073	8.380	9.853	11.504	0.002	0.159	6.545	7.675	8.999	10.552	12.372
8.5	0.277	0.166	6.008	7.179	8.505	10.000	11.677	-0.001	0.160	6.625	7.771	9.115	10.692	12.542
8.6	0.275	0.166	6.099	7.286	8.633	10.151	11.853	-0.004	0.160	6.705	7.867	9.231	10.833	12.713
8.7	0.273	0.166	6.192	7.396	8.762	10.303	12.033	-0.007	0.160	6.786	7.964	9.348	10.974	12.886
8.8	0.271	0.166	6.286	7.508	8.894	10.459	12.215	-0.010	0.161	6.868	8.062	9.466	11.117	13.060
8.9	0.269	0.166	6.382	7.621	9.029	10.617	12.401	-0.013	0.161	6.950	8.160	9.584	11.261	13.236
9.0	0.267	0.166	6.479	7.737	9.165	10.778	12.589	-0.016	0.161	7.032	8.259	9.704	11.406	13.413
9.1	0.265	0.166	6.579	7.855	9.304	10.941	12.781	-0.019	0.162	7.115	8.359	9.825	11.553	13.593
9.2	0.263	0.166	6.680	7.975	9.446	11.108	12.976	-0.021	0.162	7.199	8.460	9.947	11.702	13.775
9.3	0.260	0.166	6.784	8.097	9.590	11.277	13.175	-0.024	0.163	7.284	8.562	10.071	11.853	13.959
9.4	0.258	0.166	6.889	8.222	9.737	11.450	13.377	-0.027	0.163	7.371	8.666	10.196	12.005	14.146
9.5	0.256	0.165	6.996	8.348	9.886	11.625	13.582	-0.029	0.163	7.458	8.771	10.324	12.160	14.335
9.6	0.254	0.165	7.105	8.477	10.037	11.803	13.790	-0.031	0.164	7.546	8.878	10.453	12.318	14.528
9.7	0.252	0.165	7.215	8.607	10.191	11.983	14.001	-0.034	0.164	7.636	8.986	10.584	12.478	14.723
9.8	0.250	0.165	7.328	8.740	10.347	12.166	14.215	-0.036	0.165	7.728	9.096	10.718	12.640	14.923
9.9	0.248	0.165	7.442	8.874	10.505	12.352	14.432	-0.038	0.165	7.821	9.209	10.854	12.806	15.125
10.0	0.246	0.165	7.557	9.011	10.666	12.540	14.652	-0.039	0.165	7.916	9.323	10.993	12.976	15.332
10.1	0.244	0.165	7.675	9.149	10.828	12.730	14.874	-0.041	0.166	8.013	9.440	11.135	13.148	15.544
10.2	0.242	0.165	7.794	9.289	10.992	12.922	15.099	-0.043	0.166	8.112	9.560	11.280	13.325	15.760
10.3	0.240	0.165	7.914	9.431	11.158	13.117	15.326	-0.044	0.166	8.214	9.683	11.429	13.506	15.980
10.4	0.238	0.165	8.036	9.574	11.326	13.313	15.555	-0.045	0.167	8.318	9.809	11.581	13.691	16.206
10.5	0.236	0.165	8.159	9.718	11.495	13.510	15.785	-0.046	0.167	8.424	9.937	11.737	13.881	16.437
10.6	0.234	0.165	8.283	9.864	11.666	13.709	16.017	-0.047	0.167	8.534	10.070	11.897	14.075	16.674
10.7	0.232	0.164	8.408	10.010	11.837	13.909	16.250	-0.048	0.168	8.647	10.206	12.062	14.274	16.916
10.8	0.230	0.164	8.534	10.157	12.009	14.110	16.483	-0.048	0.168	8.762	10.345	12.230	14.479	17.165
10.9	0.228	0.164	8.661	10.305	12.181	14.311	16.718	-0.049	0.168	8.881	10.489	12.404	14.689	17.420
11.0	0.225	0.164	8.788	10.454	12.354	14.513	16.952	-0.049	0.169	9.004	10.636	12.582	14.905	17.681
11.1	0.223	0.164	8.915	10.602	12.527	14.714	17.186	-0.049	0.169	9.130	10.788	12.765	15.126	17.948
11.2	0.221	0.164	9.042	10.751	12.700	14.915	17.419	-0.048	0.169	9.259	10.944	12.954	15.353	18.222
11.3	0.219	0.163	9.170	10.899	12.873	15.116	17.652	-0.048	0.169	9.393	11.105	13.147	15.586	18.504
11.4	0.217	0.163	9.297	11.047	13.045	15.315	17.884	-0.047	0.170	9.531	11.271	13.346	15.826	18.792
11.5	0.215	0.163	9.424	11.194	13.216	15.514	18.114	-0.046	0.170	9.672	11.441	13.551	16.072	19.087

Table S8. Appendicular Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.6	0.213	0.163	9.550	11.341	13.386	15.711	18.342	-0.045	0.170	9.818	11.617	13.762	16.324	19.389
11.7	0.211	0.163	9.675	11.486	13.554	15.906	18.568	-0.044	0.170	9.968	11.797	13.977	16.582	19.698
11.8	0.209	0.163	9.800	11.630	13.721	16.099	18.791	-0.042	0.170	10.122	11.981	14.198	16.847	20.013
11.9	0.207	0.162	9.923	11.773	13.886	16.289	19.011	-0.040	0.171	10.281	12.171	14.425	17.116	20.335
12.0	0.205	0.162	10.045	11.914	14.049	16.477	19.228	-0.038	0.171	10.442	12.364	14.656	17.392	20.662
12.1	0.203	0.162	10.166	12.053	14.209	16.662	19.441	-0.036	0.171	10.608	12.563	14.892	17.673	20.994
12.2	0.201	0.162	10.285	12.190	14.367	16.844	19.651	-0.034	0.171	10.778	12.765	15.134	17.959	21.332
12.3	0.199	0.161	10.402	12.325	14.522	17.022	19.857	-0.031	0.171	10.952	12.972	15.379	18.250	21.675
12.4	0.197	0.161	10.518	12.457	14.674	17.197	20.058	-0.028	0.171	11.129	13.183	15.630	18.545	22.023
12.5	0.195	0.161	10.631	12.587	14.823	17.369	20.255	-0.025	0.171	11.310	13.399	15.885	18.845	22.374
12.6	0.193	0.161	10.742	12.714	14.969	17.536	20.448	-0.021	0.170	11.494	13.617	16.143	19.149	22.730
12.7	0.191	0.160	10.851	12.839	15.112	17.700	20.635	-0.018	0.170	11.681	13.840	16.405	19.457	23.088
12.8	0.188	0.160	10.958	12.960	15.251	17.859	20.818	-0.014	0.170	11.872	14.065	16.671	19.767	23.448
12.9	0.186	0.160	11.062	13.079	15.386	18.013	20.995	-0.010	0.170	12.065	14.293	16.939	20.080	23.811
13.0	0.184	0.160	11.163	13.194	15.517	18.164	21.167	-0.006	0.170	12.260	14.524	17.209	20.395	24.174
13.1	0.182	0.160	11.262	13.306	15.645	18.309	21.334	-0.002	0.169	12.458	14.757	17.482	20.711	24.538
13.2	0.180	0.159	11.358	13.415	15.769	18.450	21.495	0.003	0.169	12.657	14.992	17.756	21.029	24.903
13.3	0.178	0.159	11.451	13.521	15.889	18.587	21.651	0.007	0.169	12.858	15.229	18.032	21.347	25.266
13.4	0.176	0.159	11.542	13.623	16.005	18.719	21.802	0.012	0.169	13.061	15.466	18.308	21.665	25.629
13.5	0.174	0.159	11.630	13.722	16.117	18.846	21.947	0.017	0.168	13.265	15.705	18.585	21.983	25.990
13.6	0.172	0.158	11.715	13.818	16.225	18.969	22.087	0.022	0.168	13.470	15.944	18.862	22.300	26.349
13.7	0.170	0.158	11.797	13.910	16.329	19.087	22.221	0.027	0.167	13.675	16.184	19.138	22.616	26.704
13.8	0.168	0.158	11.876	13.999	16.429	19.201	22.350	0.032	0.167	13.880	16.423	19.414	22.929	27.056
13.9	0.166	0.158	11.953	14.085	16.526	19.309	22.474	0.038	0.166	14.085	16.661	19.688	23.240	27.404
14.0	0.164	0.157	12.026	14.167	16.618	19.414	22.592	0.043	0.166	14.289	16.898	19.960	23.547	27.747
14.1	0.162	0.157	12.097	14.246	16.706	19.513	22.706	0.049	0.165	14.493	17.134	20.229	23.852	28.085
14.2	0.160	0.157	12.165	14.321	16.791	19.609	22.814	0.055	0.165	14.695	17.368	20.496	24.152	28.417
14.3	0.158	0.157	12.230	14.394	16.872	19.700	22.917	0.061	0.164	14.896	17.600	20.760	24.447	28.743
14.4	0.156	0.157	12.292	14.463	16.949	19.787	23.016	0.067	0.164	15.094	17.828	21.019	24.737	29.062
14.5	0.153	0.156	12.352	14.529	17.023	19.870	23.110	0.073	0.163	15.291	18.054	21.275	25.022	29.374
14.6	0.151	0.156	12.409	14.592	17.093	19.949	23.199	0.079	0.163	15.485	18.277	21.527	25.302	29.679
14.7	0.149	0.156	12.463	14.652	17.160	20.023	23.284	0.085	0.162	15.676	18.496	21.774	25.576	29.976
14.8	0.147	0.156	12.515	14.709	17.223	20.094	23.364	0.091	0.161	15.864	18.712	22.016	25.843	30.265
14.9	0.145	0.156	12.565	14.763	17.283	20.162	23.440	0.097	0.161	16.049	18.923	22.253	26.104	30.546
15.0	0.143	0.156	12.612	14.815	17.340	20.225	23.512	0.104	0.160	16.231	19.130	22.485	26.358	30.819
15.1	0.141	0.155	12.656	14.864	17.394	20.285	23.581	0.110	0.160	16.408	19.332	22.710	26.605	31.082
15.2	0.139	0.155	12.698	14.910	17.445	20.342	23.645	0.117	0.159	16.581	19.529	22.930	26.844	31.337
15.3	0.137	0.155	12.738	14.953	17.493	20.396	23.706	0.123	0.158	16.750	19.721	23.143	27.076	31.583
15.4	0.135	0.155	12.776	14.994	17.538	20.446	23.763	0.130	0.158	16.915	19.907	23.350	27.300	31.820
15.5	0.133	0.155	12.812	15.033	17.580	20.494	23.817	0.136	0.157	17.075	20.089	23.551	27.517	32.047
15.6	0.131	0.155	12.846	15.069	17.620	20.538	23.868	0.143	0.157	17.230	20.264	23.745	27.726	32.266
15.7	0.129	0.155	12.877	15.103	17.658	20.580	23.916	0.150	0.156	17.381	20.435	23.933	27.928	32.476
15.8	0.127	0.155	12.907	15.135	17.693	20.619	23.960	0.157	0.156	17.527	20.600	24.114	28.122	32.677
15.9	0.125	0.154	12.935	15.165	17.725	20.656	24.002	0.163	0.155	17.669	20.759	24.289	28.308	32.870
16.0	0.123	0.154	12.961	15.194	17.756	20.690	24.042	0.170	0.155	17.805	20.913	24.457	28.487	33.053
16.1	0.121	0.154	12.986	15.220	17.785	20.723	24.079	0.177	0.154	17.936	21.060	24.619	28.659	33.228
16.2	0.119	0.154	13.009	15.244	17.812	20.753	24.114	0.184	0.153	18.062	21.202	24.774	28.822	33.395
16.3	0.116	0.154	13.031	15.267	17.837	20.781	24.146	0.191	0.153	18.184	21.339	24.923	28.979	33.553
16.4	0.114	0.154	13.051	15.289	17.860	20.807	24.177	0.198	0.152	18.300	21.470	25.065	29.128	33.703
16.5	0.112	0.154	13.070	15.309	17.882	20.831	24.205	0.205	0.152	18.412	21.595	25.201	29.270	33.845
16.6	0.110	0.154	13.087	15.327	17.902	20.854	24.232	0.213	0.152	18.519	21.715	25.331	29.406	33.979
16.7	0.108	0.154	13.104	15.344	17.920	20.875	24.257	0.220	0.151	18.621	21.830	25.456	29.535	34.107
16.8	0.106	0.154	13.119	15.360	17.938	20.895	24.281	0.227	0.151	18.719	21.940	25.574	29.657	34.226
16.9	0.104	0.154	13.133	15.375	17.954	20.913	24.303	0.234	0.150	18.812	22.045	25.687	29.773	34.339
17.0	0.102	0.154	13.146	15.388	17.968	20.930	24.324	0.242	0.150	18.901	22.145	25.794	29.883	34.445
17.1	0.100	0.154	13.158	15.401	17.982	20.946	24.343	0.249	0.149	18.986	22.240	25.896	29.987	34.545
17.2	0.098	0.154	13.169	15.413	17.995	20.961	24.361	0.256	0.149	19.066	22.330	25.993	30.085	34.638
17.3	0.096	0.154	13.180	15.423	18.006	20.975	24.378	0.264	0.149	19.143	22.416	26.085	30.178	34.725
17.4	0.094	0.154	13.189	15.433	18.017	20.987	24.394	0.271	0.148	19.215	22.498	26.172	30.265	34.806
17.5	0.092	0.154	13.198	15.442	18.027	20.999	24.409	0.279	0.148	19.284	22.576	26.255	30.347	34.882
17.6	0.090	0.154	13.206	15.450	18.036	21.010	24.423	0.286	0.147	19.350	22.650	26.333	30.425	34.952
17.7	0.088	0.154	13.213	15.457	18.044	21.019	24.437	0.294	0.147	19.412	22.719	26.406	30.497	35.017
17.8	0.086	0.154	13.220	15.464	18.051	21.029	24.449	0.301	0.147	19.471	22.786	26.476	30.565	35.076
17.9	0.084	0.154	13.226	15.470	18.058	21.037	24.460	0.309	0.146	19.526	22.848	26.542	30.629	35.132
18.0	0.081	0.154	13.231	15.475	18.064	21.044	24.471	0.316	0.146	19.579	22.908	26.604	30.689	35.182

Table S8. Appendicular Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.1	0.079	0.154	13.236	15.480	18.069	21.051	24.481	0.324	0.146	19.629	22.964	26.663	30.744	35.229
18.2	0.077	0.154	13.241	15.484	18.073	21.057	24.490	0.332	0.145	19.676	23.017	26.718	30.796	35.271
18.3	0.075	0.154	13.244	15.487	18.077	21.063	24.499	0.339	0.145	19.721	23.068	26.770	30.845	35.310
18.4	0.073	0.154	13.248	15.490	18.081	21.068	24.507	0.347	0.145	19.763	23.116	26.819	30.890	35.345
18.5	0.071	0.154	13.250	15.493	18.084	21.072	24.514	0.354	0.145	19.804	23.161	26.866	30.933	35.377
18.6	0.069	0.154	13.253	15.495	18.086	21.076	24.521	0.362	0.144	19.842	23.205	26.910	30.972	35.406
18.7	0.067	0.154	13.255	15.496	18.088	21.079	24.527	0.370	0.144	19.879	23.246	26.952	31.009	35.432
18.8	0.065	0.154	13.256	15.498	18.089	21.082	24.533	0.377	0.144	19.914	23.286	26.991	31.044	35.456
18.9	0.063	0.154	13.258	15.498	18.090	21.084	24.538	0.385	0.143	19.948	23.324	27.029	31.077	35.477
19.0	0.061	0.154	13.259	15.499	18.091	21.086	24.543	0.393	0.143	19.980	23.360	27.066	31.108	35.497
19.1	0.059	0.154	13.259	15.499	18.091	21.088	24.547	0.400	0.143	20.012	23.395	27.100	31.137	35.514
19.2	0.057	0.154	13.259	15.499	18.091	21.089	24.551	0.408	0.142	20.042	23.429	27.134	31.165	35.531
19.3	0.055	0.154	13.260	15.498	18.091	21.090	24.554	0.415	0.142	20.072	23.462	27.166	31.192	35.546
19.4	0.053	0.154	13.259	15.497	18.090	21.090	24.558	0.423	0.142	20.101	23.495	27.198	31.217	35.560
19.5	0.051	0.154	13.259	15.496	18.089	21.090	24.561	0.430	0.142	20.129	23.526	27.228	31.242	35.573
19.6	0.049	0.154	13.258	15.495	18.088	21.090	24.563	0.438	0.141	20.156	23.557	27.258	31.266	35.585
19.7	0.047	0.154	13.257	15.494	18.087	21.090	24.566	0.445	0.141	20.184	23.588	27.288	31.290	35.597
19.8	0.044	0.154	13.256	15.492	18.085	21.090	24.568	0.453	0.141	20.211	23.618	27.317	31.313	35.609
19.9	0.042	0.154	13.255	15.490	18.083	21.089	24.570	0.460	0.141	20.238	23.648	27.346	31.336	35.621
20.0	0.040	0.154	13.254	15.488	18.081	21.088	24.572	0.468	0.140	20.265	23.678	27.375	31.359	35.633

Table S9. Leg Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.376	0.171	2.430	2.937	3.505	4.137	4.835	-0.124	0.163	2.790	3.267	3.838	4.523	5.349
5.1	0.374	0.171	2.485	3.003	3.584	4.230	4.945	-0.121	0.163	2.847	3.334	3.918	4.618	5.461
5.2	0.372	0.171	2.541	3.070	3.663	4.324	5.055	-0.118	0.163	2.904	3.402	3.998	4.713	5.573
5.3	0.369	0.171	2.596	3.136	3.742	4.418	5.165	-0.115	0.163	2.961	3.469	4.078	4.807	5.686
5.4	0.367	0.171	2.651	3.203	3.822	4.511	5.275	-0.112	0.163	3.017	3.537	4.158	4.902	5.798
5.5	0.365	0.171	2.706	3.269	3.901	4.605	5.385	-0.109	0.163	3.074	3.605	4.238	4.998	5.911
5.6	0.363	0.171	2.762	3.336	3.980	4.699	5.496	-0.106	0.164	3.132	3.673	4.319	5.093	6.024
5.7	0.361	0.171	2.817	3.402	4.059	4.793	5.606	-0.103	0.164	3.189	3.741	4.400	5.189	6.138
5.8	0.359	0.171	2.872	3.469	4.139	4.887	5.716	-0.100	0.164	3.246	3.809	4.481	5.285	6.252
5.9	0.357	0.171	2.928	3.535	4.218	4.981	5.827	-0.097	0.164	3.304	3.877	4.562	5.382	6.366
6.0	0.355	0.171	2.983	3.602	4.298	5.075	5.937	-0.094	0.164	3.361	3.946	4.644	5.479	6.481
6.1	0.353	0.171	3.039	3.669	4.377	5.169	6.048	-0.091	0.164	3.419	4.015	4.726	5.576	6.596
6.2	0.351	0.171	3.094	3.735	4.457	5.263	6.159	-0.088	0.164	3.477	4.084	4.808	5.673	6.711
6.3	0.349	0.171	3.150	3.802	4.537	5.358	6.270	-0.085	0.165	3.535	4.153	4.890	5.771	6.827
6.4	0.347	0.171	3.206	3.870	4.617	5.453	6.382	-0.082	0.165	3.593	4.223	4.973	5.870	6.944
6.5	0.345	0.171	3.262	3.937	4.697	5.548	6.494	-0.079	0.165	3.652	4.293	5.056	5.968	7.061
6.6	0.343	0.171	3.319	4.005	4.778	5.643	6.606	-0.076	0.165	3.710	4.363	5.140	6.068	7.178
6.7	0.341	0.171	3.375	4.073	4.859	5.739	6.719	-0.073	0.165	3.769	4.433	5.223	6.167	7.296
6.8	0.339	0.171	3.432	4.141	4.940	5.836	6.832	-0.070	0.165	3.828	4.504	5.308	6.267	7.415
6.9	0.337	0.171	3.489	4.209	5.022	5.932	6.946	-0.067	0.165	3.888	4.574	5.392	6.368	7.534
7.0	0.335	0.171	3.547	4.278	5.104	6.030	7.061	-0.063	0.166	3.947	4.646	5.477	6.469	7.653
7.1	0.333	0.171	3.605	4.348	5.187	6.128	7.176	-0.060	0.166	4.007	4.717	5.562	6.570	7.773
7.2	0.331	0.171	3.663	4.418	5.271	6.227	7.293	-0.057	0.166	4.067	4.789	5.648	6.672	7.894
7.3	0.328	0.171	3.722	4.489	5.355	6.327	7.410	-0.054	0.166	4.127	4.861	5.734	6.774	8.015
7.4	0.326	0.171	3.782	4.560	5.440	6.427	7.529	-0.051	0.166	4.187	4.933	5.820	6.877	8.136
7.5	0.324	0.171	3.842	4.632	5.526	6.529	7.648	-0.048	0.166	4.247	5.006	5.907	6.980	8.258
7.6	0.322	0.171	3.903	4.705	5.612	6.631	7.769	-0.045	0.166	4.308	5.078	5.994	7.083	8.381
7.7	0.320	0.171	3.964	4.779	5.700	6.735	7.891	-0.042	0.166	4.369	5.151	6.081	7.187	8.504
7.8	0.318	0.171	4.027	4.853	5.789	6.840	8.015	-0.039	0.167	4.430	5.225	6.169	7.291	8.627
7.9	0.316	0.171	4.090	4.929	5.879	6.947	8.140	-0.036	0.167	4.491	5.298	6.257	7.396	8.752
8.0	0.314	0.171	4.154	5.006	5.970	7.055	8.267	-0.033	0.167	4.553	5.372	6.345	7.501	8.876
8.1	0.312	0.171	4.219	5.083	6.062	7.164	8.396	-0.030	0.167	4.615	5.447	6.435	7.608	9.002
8.2	0.310	0.171	4.285	5.162	6.156	7.275	8.527	-0.027	0.167	4.677	5.522	6.524	7.714	9.128
8.3	0.308	0.171	4.352	5.242	6.251	7.388	8.659	-0.024	0.167	4.740	5.598	6.615	7.822	9.256
8.4	0.306	0.171	4.420	5.324	6.348	7.502	8.794	-0.021	0.167	4.803	5.674	6.706	7.930	9.384
8.5	0.304	0.171	4.490	5.407	6.447	7.618	8.931	-0.018	0.168	4.867	5.750	6.798	8.040	9.513
8.6	0.302	0.171	4.560	5.491	6.547	7.736	9.070	-0.015	0.168	4.931	5.828	6.890	8.150	9.644
8.7	0.300	0.171	4.632	5.577	6.648	7.856	9.211	-0.012	0.168	4.996	5.906	6.984	8.261	9.776
8.8	0.298	0.171	4.705	5.664	6.752	7.979	9.354	-0.009	0.168	5.062	5.985	7.079	8.374	9.909
8.9	0.296	0.171	4.780	5.752	6.857	8.103	9.500	-0.006	0.168	5.128	6.065	7.174	8.488	10.043
9.0	0.294	0.171	4.855	5.842	6.964	8.229	9.648	-0.002	0.168	5.195	6.146	7.271	8.603	10.180
9.1	0.292	0.171	4.932	5.934	7.072	8.357	9.799	0.001	0.168	5.264	6.228	7.370	8.720	10.318
9.2	0.289	0.171	5.011	6.028	7.183	8.487	9.952	0.004	0.168	5.333	6.312	7.469	8.839	10.458
9.3	0.287	0.171	5.091	6.123	7.295	8.620	10.107	0.007	0.168	5.403	6.396	7.570	8.959	10.600
9.4	0.285	0.171	5.172	6.219	7.410	8.755	10.265	0.010	0.169	5.474	6.482	7.673	9.081	10.744
9.5	0.283	0.171	5.255	6.318	7.526	8.892	10.426	0.013	0.169	5.547	6.569	7.778	9.205	10.890
9.6	0.281	0.171	5.340	6.418	7.644	9.030	10.589	0.016	0.169	5.620	6.658	7.884	9.331	11.039
9.7	0.279	0.171	5.425	6.519	7.764	9.171	10.754	0.019	0.169	5.696	6.749	7.992	9.460	11.191
9.8	0.277	0.170	5.512	6.622	7.885	9.314	10.921	0.022	0.169	5.772	6.841	8.103	9.591	11.345
9.9	0.275	0.170	5.600	6.727	8.009	9.459	11.091	0.025	0.169	5.850	6.935	8.215	9.724	11.502
10.0	0.273	0.170	5.690	6.833	8.133	9.605	11.262	0.028	0.169	5.930	7.031	8.330	9.860	11.663
10.1	0.271	0.170	5.781	6.940	8.260	9.754	11.436	0.031	0.169	6.011	7.129	8.447	9.999	11.826
10.2	0.269	0.170	5.873	7.048	8.387	9.903	11.611	0.034	0.169	6.095	7.229	8.566	10.140	11.992
10.3	0.267	0.170	5.966	7.158	8.517	10.055	11.788	0.037	0.169	6.180	7.331	8.688	10.285	12.162
10.4	0.265	0.170	6.060	7.269	8.647	10.208	11.966	0.040	0.169	6.267	7.436	8.813	10.432	12.336
10.5	0.263	0.169	6.155	7.381	8.778	10.361	12.145	0.043	0.169	6.356	7.543	8.940	10.583	12.513
10.6	0.261	0.169	6.251	7.494	8.911	10.516	12.326	0.046	0.169	6.447	7.652	9.070	10.737	12.694
10.7	0.259	0.169	6.348	7.608	9.044	10.672	12.507	0.049	0.169	6.540	7.764	9.204	10.895	12.879
10.8	0.257	0.169	6.445	7.722	9.177	10.828	12.689	0.052	0.169	6.635	7.878	9.340	11.056	13.068
10.9	0.255	0.169	6.543	7.836	9.311	10.984	12.871	0.055	0.169	6.733	7.995	9.479	11.220	13.261
11.0	0.253	0.169	6.641	7.951	9.446	11.140	13.053	0.058	0.169	6.832	8.115	9.621	11.388	13.457
11.1	0.251	0.168	6.739	8.066	9.580	11.297	13.235	0.062	0.169	6.934	8.237	9.766	11.559	13.658

Table S9. Leg Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	0.248	0.168	6.838	8.181	9.714	11.453	13.416	0.065	0.169	7.038	8.362	9.914	11.734	13.862
11.3	0.246	0.168	6.937	8.296	9.848	11.609	13.597	0.068	0.169	7.145	8.489	10.066	11.913	14.071
11.4	0.244	0.168	7.035	8.411	9.981	11.764	13.777	0.071	0.169	7.254	8.619	10.221	12.095	14.284
11.5	0.242	0.167	7.133	8.525	10.114	11.918	13.956	0.074	0.169	7.365	8.753	10.378	12.280	14.501
11.6	0.240	0.167	7.231	8.639	10.246	12.071	14.133	0.077	0.169	7.479	8.888	10.539	12.470	14.722
11.7	0.238	0.167	7.328	8.752	10.377	12.222	14.308	0.080	0.169	7.595	9.027	10.703	12.662	14.946
11.8	0.236	0.167	7.425	8.864	10.506	12.372	14.481	0.083	0.169	7.713	9.168	10.870	12.858	15.174
11.9	0.234	0.166	7.520	8.974	10.634	12.520	14.652	0.086	0.169	7.834	9.311	11.040	13.057	15.406
12.0	0.232	0.166	7.615	9.084	10.761	12.666	14.821	0.089	0.169	7.956	9.457	11.212	13.259	15.640
12.1	0.230	0.166	7.709	9.192	10.885	12.810	14.986	0.092	0.169	8.081	9.605	11.387	13.463	15.878
12.2	0.228	0.166	7.801	9.298	11.008	12.951	15.149	0.095	0.169	8.207	9.755	11.564	13.670	16.118
12.3	0.226	0.165	7.892	9.403	11.129	13.090	15.309	0.098	0.169	8.335	9.908	11.743	13.880	16.361
12.4	0.224	0.165	7.982	9.506	11.247	13.226	15.465	0.101	0.168	8.465	10.062	11.925	14.092	16.607
12.5	0.222	0.165	8.070	9.607	11.363	13.359	15.618	0.104	0.168	8.596	10.218	12.108	14.306	16.855
12.6	0.220	0.164	8.157	9.707	11.477	13.490	15.768	0.107	0.168	8.729	10.376	12.293	14.522	17.104
12.7	0.218	0.164	8.242	9.804	11.588	13.617	15.914	0.110	0.168	8.864	10.535	12.480	14.739	17.355
12.8	0.216	0.164	8.325	9.899	11.696	13.741	16.055	0.113	0.168	8.999	10.695	12.668	14.958	17.607
12.9	0.214	0.164	8.406	9.991	11.802	13.861	16.193	0.116	0.168	9.136	10.856	12.857	15.177	17.860
13.0	0.212	0.163	8.486	10.081	11.904	13.978	16.327	0.119	0.167	9.273	11.019	13.047	15.397	18.113
13.1	0.210	0.163	8.563	10.169	12.004	14.092	16.457	0.123	0.167	9.411	11.181	13.238	15.618	18.366
13.2	0.207	0.163	8.638	10.254	12.101	14.202	16.582	0.126	0.167	9.550	11.345	13.428	15.839	18.619
13.3	0.205	0.162	8.712	10.337	12.195	14.309	16.704	0.129	0.167	9.689	11.508	13.619	16.059	18.872
13.4	0.203	0.162	8.783	10.417	12.286	14.412	16.821	0.132	0.166	9.828	11.672	13.810	16.279	19.124
13.5	0.201	0.162	8.852	10.495	12.374	14.511	16.934	0.135	0.166	9.967	11.836	14.000	16.499	19.374
13.6	0.199	0.162	8.919	10.570	12.458	14.607	17.043	0.138	0.166	10.106	11.999	14.190	16.717	19.623
13.7	0.197	0.161	8.984	10.643	12.540	14.699	17.148	0.141	0.165	10.245	12.161	14.378	16.934	19.870
13.8	0.195	0.161	9.046	10.713	12.619	14.788	17.248	0.144	0.165	10.383	12.323	14.566	17.149	20.114
13.9	0.193	0.161	9.106	10.780	12.694	14.873	17.344	0.147	0.165	10.521	12.484	14.752	17.362	20.356
14.0	0.191	0.161	9.165	10.845	12.767	14.955	17.437	0.150	0.165	10.657	12.643	14.936	17.573	20.595
14.1	0.189	0.160	9.221	10.907	12.836	15.033	17.525	0.153	0.164	10.793	12.801	15.118	17.781	20.831
14.2	0.187	0.160	9.275	10.967	12.903	15.108	17.609	0.156	0.164	10.927	12.958	15.298	17.986	21.063
14.3	0.185	0.160	9.326	11.024	12.967	15.179	17.690	0.159	0.164	11.059	13.112	15.476	18.189	21.290
14.4	0.183	0.160	9.376	11.079	13.028	15.247	17.767	0.162	0.163	11.191	13.265	15.651	18.388	21.514
14.5	0.181	0.159	9.423	11.132	13.086	15.312	17.840	0.165	0.163	11.320	13.415	15.823	18.583	21.733
14.6	0.179	0.159	9.469	11.182	13.141	15.374	17.909	0.168	0.163	11.448	13.562	15.993	18.775	21.948
14.7	0.177	0.159	9.512	11.229	13.193	15.432	17.975	0.171	0.162	11.573	13.708	16.159	18.962	22.157
14.8	0.175	0.159	9.554	11.274	13.243	15.488	18.037	0.174	0.162	11.696	13.850	16.321	19.146	22.362
14.9	0.173	0.159	9.593	11.317	13.291	15.540	18.096	0.177	0.161	11.818	13.990	16.480	19.325	22.561
15.0	0.171	0.158	9.630	11.358	13.335	15.590	18.152	0.180	0.161	11.936	14.127	16.636	19.500	22.755
15.1	0.168	0.158	9.666	11.397	13.378	15.637	18.205	0.184	0.161	12.052	14.260	16.788	19.670	22.943
15.2	0.166	0.158	9.700	11.433	13.418	15.681	18.255	0.187	0.160	12.166	14.391	16.935	19.835	23.125
15.3	0.164	0.158	9.732	11.468	13.456	15.723	18.302	0.190	0.160	12.277	14.518	17.079	19.995	23.302
15.4	0.162	0.158	9.762	11.501	13.491	15.762	18.346	0.193	0.160	12.385	14.641	17.218	20.150	23.472
15.5	0.160	0.157	9.791	11.531	13.524	15.799	18.387	0.196	0.159	12.490	14.761	17.354	20.300	23.636
15.6	0.158	0.157	9.818	11.560	13.556	15.834	18.426	0.199	0.159	12.592	14.878	17.485	20.445	23.794
15.7	0.156	0.157	9.843	11.587	13.585	15.866	18.462	0.202	0.159	12.692	14.991	17.611	20.585	23.947
15.8	0.154	0.157	9.867	11.613	13.613	15.896	18.496	0.205	0.158	12.788	15.101	17.734	20.720	24.093
15.9	0.152	0.157	9.890	11.636	13.638	15.925	18.528	0.208	0.158	12.882	15.207	17.852	20.850	24.233
16.0	0.150	0.157	9.911	11.659	13.662	15.951	18.558	0.211	0.157	12.972	15.309	17.966	20.975	24.367
16.1	0.148	0.157	9.930	11.679	13.684	15.975	18.586	0.214	0.157	13.060	15.408	18.076	21.094	24.495
16.2	0.146	0.156	9.949	11.699	13.705	15.998	18.611	0.217	0.157	13.145	15.503	18.181	21.209	24.617
16.3	0.144	0.156	9.966	11.717	13.724	16.020	18.636	0.220	0.156	13.226	15.595	18.282	21.318	24.733
16.4	0.142	0.156	9.982	11.734	13.742	16.039	18.658	0.223	0.156	13.305	15.683	18.379	21.422	24.843
16.5	0.140	0.156	9.997	11.749	13.759	16.058	18.679	0.226	0.155	13.381	15.768	18.472	21.522	24.947
16.6	0.138	0.156	10.011	11.764	13.774	16.074	18.699	0.229	0.155	13.454	15.849	18.561	21.617	25.046
16.7	0.136	0.156	10.024	11.777	13.788	16.090	18.717	0.232	0.155	13.524	15.927	18.645	21.707	25.140
16.8	0.134	0.156	10.036	11.789	13.801	16.105	18.734	0.235	0.154	13.591	16.002	18.726	21.792	25.228
16.9	0.132	0.156	10.048	11.801	13.813	16.118	18.749	0.238	0.154	13.656	16.073	18.803	21.873	25.311
17.0	0.130	0.156	10.058	11.811	13.824	16.130	18.764	0.241	0.154	13.718	16.141	18.877	21.950	25.389
17.1	0.127	0.156	10.067	11.821	13.834	16.141	18.777	0.245	0.153	13.777	16.206	18.946	22.022	25.462
17.2	0.125	0.156	10.076	11.829	13.844	16.152	18.789	0.248	0.153	13.834	16.269	19.012	22.091	25.530
17.3	0.123	0.156	10.084	11.837	13.852	16.161	18.801	0.251	0.153	13.888	16.328	19.075	22.155	25.593

Table S9. Leg Lean Soft Tissue Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	0.121	0.156	10.092	11.845	13.860	16.170	18.812	0.254	0.152	13.940	16.384	19.134	22.215	25.652
17.5	0.119	0.156	10.099	11.851	13.866	16.178	18.821	0.257	0.152	13.990	16.438	19.190	22.272	25.706
17.6	0.117	0.156	10.105	11.857	13.873	16.185	18.830	0.260	0.151	14.038	16.489	19.243	22.325	25.757
17.7	0.115	0.156	10.110	11.863	13.878	16.191	18.839	0.263	0.151	14.083	16.537	19.293	22.374	25.803
17.8	0.113	0.155	10.115	11.867	13.883	16.197	18.846	0.266	0.151	14.126	16.583	19.341	22.420	25.846
17.9	0.111	0.155	10.120	11.871	13.887	16.202	18.853	0.269	0.150	14.168	16.627	19.385	22.463	25.885
18.0	0.109	0.155	10.124	11.875	13.891	16.206	18.860	0.272	0.150	14.207	16.669	19.427	22.503	25.920
18.1	0.107	0.155	10.128	11.878	13.894	16.210	18.865	0.275	0.150	14.245	16.708	19.466	22.540	25.952
18.2	0.105	0.155	10.131	11.881	13.897	16.214	18.870	0.278	0.149	14.281	16.745	19.503	22.575	25.981
18.3	0.103	0.155	10.133	11.883	13.899	16.217	18.875	0.281	0.149	14.315	16.781	19.538	22.606	26.007
18.4	0.101	0.155	10.136	11.885	13.901	16.219	18.879	0.284	0.149	14.348	16.814	19.570	22.635	26.030
18.5	0.099	0.155	10.138	11.886	13.902	16.221	18.883	0.287	0.148	14.380	16.846	19.601	22.662	26.050
18.6	0.097	0.155	10.139	11.887	13.903	16.222	18.886	0.290	0.148	14.410	16.877	19.630	22.687	26.068
18.7	0.095	0.155	10.141	11.888	13.903	16.223	18.889	0.293	0.147	14.439	16.906	19.657	22.710	26.084
18.8	0.093	0.155	10.141	11.888	13.903	16.224	18.891	0.296	0.147	14.466	16.933	19.682	22.731	26.098
18.9	0.091	0.155	10.142	11.888	13.903	16.224	18.893	0.299	0.147	14.493	16.960	19.706	22.751	26.110
19.0	0.089	0.155	10.143	11.888	13.903	16.224	18.894	0.302	0.146	14.519	16.985	19.729	22.768	26.120
19.1	0.086	0.156	10.143	11.887	13.902	16.224	18.896	0.306	0.146	14.544	17.009	19.751	22.785	26.128
19.2	0.084	0.156	10.143	11.886	13.901	16.223	18.897	0.309	0.146	14.568	17.033	19.771	22.800	26.136
19.3	0.082	0.156	10.142	11.885	13.899	16.223	18.897	0.312	0.145	14.592	17.055	19.791	22.814	26.141
19.4	0.080	0.156	10.142	11.884	13.898	16.222	18.898	0.315	0.145	14.614	17.077	19.809	22.827	26.146
19.5	0.078	0.156	10.141	11.883	13.896	16.220	18.898	0.318	0.145	14.637	17.098	19.827	22.839	26.150
19.6	0.076	0.156	10.140	11.881	13.894	16.219	18.898	0.321	0.144	14.658	17.118	19.844	22.851	26.153
19.7	0.074	0.156	10.139	11.879	13.892	16.217	18.898	0.324	0.144	14.680	17.138	19.861	22.861	26.155
19.8	0.072	0.156	10.138	11.877	13.890	16.215	18.898	0.327	0.144	14.701	17.158	19.877	22.872	26.156
19.9	0.070	0.156	10.137	11.875	13.888	16.213	18.897	0.330	0.143	14.722	17.177	19.892	22.881	26.157
20.0	0.068	0.156	10.136	11.873	13.885	16.211	18.897	0.333	0.143	14.742	17.196	19.908	22.891	26.158

Table S10. Fat Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.130	0.284	2.845	3.724	4.922	6.574	8.881	-0.152	0.287	2.285	2.991	3.961	5.310	7.218
5.1	-0.131	0.285	2.869	3.758	4.973	6.651	8.999	-0.155	0.289	2.305	3.021	4.007	5.384	7.337
5.2	-0.132	0.287	2.892	3.793	5.024	6.729	9.118	-0.158	0.291	2.325	3.052	4.054	5.458	7.457
5.3	-0.134	0.288	2.916	3.828	5.076	6.807	9.239	-0.162	0.292	2.345	3.082	4.101	5.533	7.580
5.4	-0.135	0.289	2.940	3.863	5.129	6.887	9.361	-0.165	0.294	2.366	3.112	4.148	5.608	7.704
5.5	-0.136	0.290	2.964	3.898	5.182	6.968	9.486	-0.169	0.296	2.386	3.143	4.196	5.685	7.830
5.6	-0.137	0.291	2.988	3.934	5.236	7.050	9.612	-0.172	0.298	2.406	3.173	4.243	5.762	7.958
5.7	-0.138	0.293	3.013	3.971	5.290	7.133	9.741	-0.175	0.300	2.426	3.204	4.292	5.840	8.088
5.8	-0.139	0.294	3.038	4.008	5.346	7.218	9.873	-0.179	0.302	2.447	3.235	4.340	5.919	8.221
5.9	-0.141	0.295	3.064	4.046	5.403	7.304	10.007	-0.182	0.304	2.467	3.266	4.390	6.000	8.356
6.0	-0.142	0.296	3.090	4.084	5.461	7.393	10.145	-0.185	0.306	2.488	3.298	4.439	6.081	8.494
6.1	-0.143	0.298	3.117	4.124	5.520	7.483	10.285	-0.189	0.308	2.509	3.330	4.490	6.164	8.635
6.2	-0.144	0.299	3.145	4.164	5.581	7.575	10.429	-0.192	0.310	2.530	3.362	4.541	6.248	8.779
6.3	-0.145	0.300	3.173	4.206	5.643	7.670	10.577	-0.196	0.312	2.552	3.395	4.593	6.334	8.926
6.4	-0.146	0.302	3.202	4.248	5.706	7.768	10.729	-0.199	0.313	2.574	3.428	4.646	6.422	9.077
6.5	-0.148	0.303	3.231	4.292	5.772	7.868	10.885	-0.202	0.315	2.596	3.462	4.700	6.512	9.231
6.6	-0.149	0.304	3.262	4.337	5.839	7.970	11.045	-0.206	0.317	2.619	3.497	4.756	6.603	9.390
6.7	-0.150	0.305	3.294	4.383	5.908	8.076	11.210	-0.209	0.319	2.642	3.532	4.812	6.697	9.553
6.8	-0.151	0.307	3.326	4.431	5.979	8.185	11.380	-0.213	0.321	2.666	3.568	4.869	6.793	9.720
6.9	-0.152	0.308	3.360	4.480	6.052	8.296	11.554	-0.216	0.323	2.690	3.605	4.928	6.891	9.892
7.0	-0.153	0.309	3.394	4.530	6.127	8.411	11.733	-0.219	0.325	2.715	3.643	4.988	6.992	10.068
7.1	-0.154	0.310	3.429	4.582	6.204	8.528	11.916	-0.223	0.327	2.740	3.682	5.050	7.095	10.250
7.2	-0.156	0.312	3.466	4.634	6.283	8.648	12.104	-0.226	0.329	2.766	3.721	5.113	7.200	10.436
7.3	-0.157	0.313	3.503	4.688	6.363	8.771	12.296	-0.230	0.331	2.793	3.761	5.177	7.308	10.626
7.4	-0.158	0.314	3.541	4.744	6.446	8.897	12.493	-0.233	0.333	2.820	3.802	5.242	7.418	10.822
7.5	-0.159	0.315	3.580	4.800	6.530	9.025	12.695	-0.237	0.335	2.848	3.844	5.309	7.530	11.023
7.6	-0.160	0.317	3.619	4.858	6.616	9.156	12.901	-0.240	0.338	2.876	3.887	5.377	7.645	11.229
7.7	-0.161	0.318	3.660	4.917	6.704	9.290	13.111	-0.244	0.340	2.905	3.930	5.446	7.762	11.441
7.8	-0.163	0.319	3.701	4.977	6.793	9.427	13.325	-0.247	0.342	2.935	3.974	5.517	7.882	11.657
7.9	-0.164	0.320	3.744	5.038	6.884	9.566	13.544	-0.251	0.344	2.965	4.019	5.588	8.004	11.879
8.0	-0.165	0.321	3.787	5.101	6.977	9.708	13.767	-0.254	0.346	2.995	4.065	5.661	8.128	12.105
8.1	-0.166	0.323	3.830	5.164	7.071	9.852	13.993	-0.258	0.348	3.026	4.112	5.735	8.255	12.337
8.2	-0.167	0.324	3.875	5.228	7.167	9.998	14.224	-0.261	0.350	3.057	4.159	5.810	8.383	12.573
8.3	-0.168	0.325	3.920	5.294	7.264	10.146	14.458	-0.265	0.352	3.089	4.206	5.886	8.513	12.814
8.4	-0.170	0.326	3.966	5.360	7.362	10.297	14.695	-0.268	0.353	3.121	4.254	5.963	8.645	13.060
8.5	-0.171	0.327	4.012	5.427	7.462	10.449	14.936	-0.272	0.355	3.154	4.302	6.041	8.778	13.309
8.6	-0.172	0.328	4.059	5.495	7.563	10.603	15.180	-0.276	0.357	3.186	4.351	6.119	8.914	13.563
8.7	-0.173	0.329	4.107	5.564	7.665	10.760	15.427	-0.279	0.359	3.219	4.400	6.197	9.050	13.821
8.8	-0.174	0.330	4.155	5.633	7.768	10.917	15.677	-0.283	0.361	3.252	4.450	6.276	9.188	14.083
8.9	-0.175	0.332	4.204	5.703	7.872	11.077	15.929	-0.287	0.363	3.286	4.499	6.356	9.326	14.349
9.0	-0.176	0.333	4.254	5.774	7.977	11.238	16.184	-0.290	0.365	3.319	4.549	6.436	9.466	14.618
9.1	-0.178	0.334	4.303	5.846	8.083	11.400	16.442	-0.294	0.367	3.353	4.599	6.515	9.606	14.890
9.2	-0.179	0.335	4.354	5.918	8.190	11.564	16.701	-0.298	0.369	3.386	4.648	6.595	9.747	15.164
9.3	-0.180	0.335	4.405	5.991	8.298	11.729	16.963	-0.301	0.371	3.419	4.698	6.675	9.888	15.442
9.4	-0.181	0.336	4.456	6.065	8.407	11.895	17.226	-0.305	0.372	3.453	4.747	6.755	10.029	15.722
9.5	-0.182	0.337	4.507	6.139	8.516	12.062	17.491	-0.309	0.374	3.486	4.796	6.834	10.171	16.003
9.6	-0.183	0.338	4.560	6.213	8.626	12.229	17.758	-0.313	0.376	3.519	4.845	6.913	10.312	16.287
9.7	-0.185	0.339	4.612	6.288	8.736	12.398	18.025	-0.316	0.378	3.552	4.894	6.991	10.452	16.572
9.8	-0.186	0.340	4.665	6.363	8.847	12.567	18.294	-0.320	0.379	3.584	4.942	7.069	10.593	16.858
9.9	-0.187	0.341	4.718	6.439	8.958	12.737	18.564	-0.324	0.381	3.617	4.990	7.147	10.732	17.144
10.0	-0.188	0.341	4.772	6.515	9.070	12.907	18.834	-0.328	0.383	3.649	5.037	7.223	10.871	17.432
10.1	-0.189	0.342	4.826	6.592	9.183	13.078	19.105	-0.331	0.384	3.681	5.084	7.299	11.009	17.720
10.2	-0.190	0.343	4.880	6.669	9.295	13.249	19.376	-0.335	0.386	3.712	5.130	7.373	11.145	18.007
10.3	-0.192	0.343	4.935	6.746	9.408	13.420	19.647	-0.339	0.387	3.743	5.175	7.447	11.281	18.295
10.4	-0.193	0.344	4.990	6.824	9.521	13.592	19.919	-0.343	0.389	3.774	5.220	7.519	11.414	18.581
10.5	-0.194	0.345	5.045	6.902	9.635	13.764	20.191	-0.347	0.390	3.804	5.263	7.591	11.546	18.867
10.6	-0.195	0.345	5.101	6.980	9.749	13.936	20.463	-0.351	0.392	3.833	5.307	7.661	11.677	19.151
10.7	-0.196	0.346	5.157	7.059	9.863	14.109	20.736	-0.354	0.393	3.862	5.349	7.729	11.805	19.434
10.8	-0.197	0.346	5.214	7.138	9.978	14.282	21.008	-0.358	0.395	3.891	5.390	7.797	11.932	19.715
10.9	-0.198	0.347	5.271	7.218	10.093	14.455	21.281	-0.362	0.396	3.919	5.431	7.863	12.056	19.993
11.0	-0.200	0.347	5.329	7.298	10.209	14.628	21.553	-0.366	0.397	3.947	5.471	7.928	12.178	20.270
11.1	-0.201	0.348	5.387	7.379	10.325	14.802	21.826	-0.370	0.399	3.974	5.510	7.991	12.298	20.544

Table S10. Fat Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.2	-0.202	0.348	5.446	7.460	10.442	14.976	22.099	-0.373	0.400	4.000	5.548	8.053	12.416	20.815
11.3	-0.203	0.348	5.505	7.542	10.559	15.151	22.372	-0.377	0.401	4.026	5.585	8.113	12.531	21.083
11.4	-0.204	0.348	5.565	7.625	10.677	15.327	22.645	-0.381	0.402	4.052	5.621	8.172	12.644	21.348
11.5	-0.205	0.349	5.626	7.709	10.796	15.503	22.919	-0.385	0.403	4.076	5.656	8.229	12.754	21.610
11.6	-0.207	0.349	5.687	7.793	10.916	15.680	23.193	-0.388	0.404	4.101	5.691	8.285	12.862	21.867
11.7	-0.208	0.349	5.749	7.878	11.036	15.858	23.468	-0.392	0.405	4.125	5.724	8.339	12.966	22.121
11.8	-0.209	0.349	5.812	7.964	11.158	16.036	23.744	-0.396	0.406	4.148	5.757	8.392	13.069	22.371
11.9	-0.210	0.349	5.876	8.051	11.280	16.216	24.021	-0.399	0.407	4.171	5.789	8.443	13.169	22.617
12.0	-0.211	0.350	5.941	8.139	11.404	16.397	24.298	-0.403	0.408	4.193	5.820	8.493	13.266	22.859
12.1	-0.212	0.350	6.007	8.228	11.529	16.579	24.576	-0.407	0.409	4.215	5.850	8.541	13.361	23.096
12.2	-0.214	0.350	6.073	8.318	11.654	16.761	24.855	-0.410	0.410	4.236	5.879	8.588	13.453	23.330
12.3	-0.215	0.350	6.140	8.409	11.781	16.945	25.135	-0.414	0.411	4.257	5.908	8.633	13.542	23.558
12.4	-0.216	0.350	6.208	8.501	11.908	17.130	25.415	-0.417	0.412	4.277	5.936	8.678	13.629	23.782
12.5	-0.217	0.350	6.277	8.593	12.037	17.315	25.696	-0.421	0.412	4.297	5.963	8.721	13.714	24.001
12.6	-0.218	0.350	6.347	8.687	12.166	17.501	25.977	-0.424	0.413	4.316	5.989	8.762	13.796	24.216
12.7	-0.219	0.349	6.417	8.781	12.296	17.688	26.259	-0.427	0.414	4.335	6.015	8.803	13.876	24.426
12.8	-0.220	0.349	6.488	8.876	12.427	17.876	26.541	-0.431	0.414	4.354	6.040	8.842	13.953	24.631
12.9	-0.222	0.349	6.560	8.971	12.559	18.064	26.823	-0.434	0.415	4.372	6.065	8.880	14.029	24.831
13.0	-0.223	0.349	6.632	9.068	12.691	18.252	27.105	-0.437	0.415	4.390	6.089	8.918	14.102	25.027
13.1	-0.224	0.349	6.705	9.164	12.823	18.441	27.387	-0.440	0.416	4.408	6.112	8.954	14.174	25.218
13.2	-0.225	0.349	6.778	9.262	12.956	18.629	27.668	-0.443	0.416	4.425	6.135	8.990	14.243	25.405
13.3	-0.226	0.349	6.852	9.359	13.089	18.818	27.948	-0.446	0.417	4.443	6.158	9.024	14.311	25.586
13.4	-0.227	0.348	6.926	9.456	13.222	19.006	28.227	-0.449	0.417	4.459	6.180	9.058	14.376	25.764
13.5	-0.229	0.348	7.000	9.554	13.355	19.193	28.504	-0.452	0.418	4.476	6.202	9.092	14.441	25.937
13.6	-0.230	0.348	7.074	9.652	13.487	19.380	28.780	-0.454	0.418	4.493	6.223	9.124	14.503	26.105
13.7	-0.231	0.348	7.148	9.749	13.619	19.566	29.054	-0.457	0.418	4.509	6.245	9.157	14.565	26.270
13.8	-0.232	0.347	7.222	9.846	13.751	19.750	29.326	-0.459	0.419	4.525	6.266	9.188	14.625	26.430
13.9	-0.233	0.347	7.296	9.943	13.881	19.933	29.596	-0.462	0.419	4.541	6.287	9.219	14.684	26.586
14.0	-0.234	0.347	7.369	10.039	14.011	20.115	29.863	-0.464	0.419	4.557	6.307	9.250	14.741	26.738
14.1	-0.235	0.346	7.442	10.135	14.140	20.295	30.127	-0.466	0.419	4.573	6.328	9.281	14.798	26.886
14.2	-0.237	0.346	7.515	10.229	14.267	20.473	30.388	-0.468	0.419	4.589	6.349	9.311	14.854	27.030
14.3	-0.238	0.346	7.587	10.323	14.393	20.649	30.646	-0.470	0.420	4.605	6.369	9.342	14.909	27.171
14.4	-0.239	0.346	7.658	10.416	14.518	20.823	30.900	-0.472	0.420	4.621	6.390	9.372	14.964	27.309
14.5	-0.240	0.345	7.729	10.508	14.641	20.994	31.151	-0.474	0.420	4.636	6.411	9.402	15.018	27.443
14.6	-0.241	0.345	7.798	10.599	14.762	21.163	31.397	-0.476	0.420	4.652	6.431	9.432	15.071	27.574
14.7	-0.242	0.345	7.867	10.688	14.882	21.329	31.640	-0.477	0.420	4.668	6.452	9.463	15.124	27.702
14.8	-0.244	0.344	7.935	10.776	14.999	21.492	31.878	-0.479	0.420	4.684	6.473	9.493	15.177	27.827
14.9	-0.245	0.344	8.002	10.862	15.115	21.652	32.112	-0.480	0.420	4.700	6.494	9.524	15.230	27.949
15.0	-0.246	0.344	8.068	10.947	15.228	21.809	32.342	-0.481	0.420	4.717	6.516	9.555	15.283	28.069
15.1	-0.247	0.344	8.132	11.031	15.339	21.964	32.568	-0.483	0.420	4.733	6.537	9.586	15.336	28.187
15.2	-0.248	0.343	8.196	11.113	15.448	22.115	32.789	-0.483	0.420	4.749	6.559	9.618	15.389	28.303
15.3	-0.249	0.343	8.258	11.193	15.555	22.263	33.006	-0.484	0.420	4.766	6.581	9.650	15.443	28.416
15.4	-0.251	0.343	8.319	11.272	15.660	22.408	33.218	-0.485	0.420	4.783	6.604	9.683	15.496	28.528
15.5	-0.252	0.342	8.379	11.349	15.762	22.550	33.426	-0.486	0.420	4.800	6.627	9.716	15.550	28.638
15.6	-0.253	0.342	8.438	11.424	15.862	22.688	33.630	-0.486	0.420	4.817	6.650	9.749	15.605	28.746
15.7	-0.254	0.342	8.495	11.498	15.960	22.824	33.829	-0.487	0.420	4.835	6.674	9.784	15.660	28.853
15.8	-0.255	0.342	8.551	11.569	16.055	22.956	34.024	-0.487	0.420	4.852	6.698	9.818	15.716	28.959
15.9	-0.256	0.342	8.605	11.639	16.148	23.085	34.215	-0.487	0.420	4.870	6.722	9.854	15.772	29.063
16.0	-0.257	0.341	8.658	11.708	16.238	23.211	34.402	-0.487	0.420	4.888	6.747	9.890	15.829	29.167
16.1	-0.259	0.341	8.710	11.774	16.327	23.334	34.584	-0.487	0.420	4.907	6.772	9.926	15.887	29.269
16.2	-0.260	0.341	8.761	11.839	16.413	23.454	34.763	-0.487	0.420	4.925	6.798	9.964	15.945	29.371
16.3	-0.261	0.341	8.810	11.902	16.497	23.571	34.938	-0.487	0.420	4.944	6.824	10.002	16.005	29.472
16.4	-0.262	0.341	8.858	11.964	16.578	23.686	35.110	-0.486	0.420	4.963	6.851	10.041	16.065	29.573
16.5	-0.263	0.340	8.905	12.023	16.658	23.797	35.277	-0.486	0.420	4.983	6.878	10.080	16.126	29.673
16.6	-0.264	0.340	8.950	12.081	16.735	23.906	35.442	-0.485	0.420	5.002	6.905	10.120	16.188	29.773
16.7	-0.266	0.340	8.994	12.138	16.811	24.012	35.603	-0.484	0.420	5.022	6.933	10.161	16.250	29.872
16.8	-0.267	0.340	9.037	12.193	16.884	24.116	35.760	-0.484	0.420	5.042	6.961	10.203	16.314	29.971
16.9	-0.268	0.340	9.079	12.247	16.956	24.217	35.915	-0.483	0.420	5.062	6.990	10.245	16.378	30.070
17.0	-0.269	0.340	9.120	12.299	17.025	24.316	36.067	-0.482	0.420	5.083	7.019	10.287	16.443	30.168
17.1	-0.270	0.340	9.160	12.349	17.093	24.412	36.216	-0.481	0.420	5.103	7.048	10.331	16.510	30.266
17.2	-0.271	0.340	9.198	12.399	17.159	24.507	36.362	-0.479	0.420	5.124	7.078	10.375	16.576	30.365
17.3	-0.273	0.340	9.236	12.447	17.224	24.599	36.506	-0.478	0.420	5.145	7.108	10.420	16.644	30.463

Table S10. Fat Mass, kg

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	-0.274	0.340	9.272	12.494	17.287	24.689	36.648	-0.477	0.420	5.166	7.139	10.465	16.712	30.560
17.5	-0.275	0.340	9.308	12.539	17.348	24.777	36.787	-0.475	0.420	5.187	7.169	10.510	16.781	30.658
17.6	-0.276	0.340	9.342	12.584	17.408	24.864	36.923	-0.474	0.419	5.209	7.200	10.557	16.851	30.755
17.7	-0.277	0.339	9.376	12.627	17.466	24.948	37.057	-0.472	0.419	5.230	7.232	10.603	16.921	30.851
17.8	-0.278	0.339	9.409	12.668	17.523	25.030	37.188	-0.470	0.419	5.252	7.263	10.650	16.992	30.948
17.9	-0.279	0.339	9.440	12.709	17.577	25.110	37.317	-0.469	0.419	5.273	7.295	10.698	17.063	31.043
18.0	-0.281	0.339	9.471	12.748	17.631	25.188	37.444	-0.467	0.419	5.295	7.327	10.745	17.134	31.139
18.1	-0.282	0.339	9.501	12.787	17.683	25.265	37.568	-0.465	0.419	5.316	7.358	10.793	17.206	31.233
18.2	-0.283	0.339	9.529	12.824	17.733	25.339	37.689	-0.463	0.419	5.338	7.390	10.842	17.278	31.327
18.3	-0.284	0.339	9.557	12.859	17.782	25.411	37.808	-0.461	0.419	5.359	7.423	10.890	17.351	31.420
18.4	-0.285	0.340	9.584	12.894	17.829	25.481	37.924	-0.458	0.419	5.381	7.455	10.939	17.424	31.513
18.5	-0.286	0.340	9.610	12.927	17.875	25.549	38.038	-0.456	0.419	5.402	7.487	10.988	17.496	31.605
18.6	-0.288	0.340	9.635	12.959	17.919	25.615	38.149	-0.454	0.419	5.424	7.519	11.037	17.569	31.696
18.7	-0.289	0.340	9.659	12.990	17.961	25.679	38.256	-0.451	0.419	5.445	7.552	11.086	17.642	31.786
18.8	-0.290	0.340	9.683	13.020	18.001	25.740	38.361	-0.449	0.419	5.466	7.584	11.135	17.716	31.876
18.9	-0.291	0.340	9.705	13.048	18.040	25.799	38.463	-0.447	0.419	5.487	7.616	11.184	17.789	31.964
19.0	-0.292	0.340	9.726	13.075	18.077	25.856	38.561	-0.444	0.419	5.508	7.648	11.233	17.862	32.052
19.1	-0.293	0.340	9.746	13.101	18.113	25.910	38.656	-0.441	0.419	5.529	7.680	11.283	17.935	32.139
19.2	-0.295	0.340	9.765	13.125	18.146	25.962	38.748	-0.439	0.419	5.550	7.713	11.332	18.008	32.225
19.3	-0.296	0.340	9.783	13.148	18.178	26.012	38.837	-0.436	0.419	5.570	7.745	11.381	18.081	32.311
19.4	-0.297	0.340	9.800	13.170	18.209	26.059	38.923	-0.433	0.419	5.591	7.777	11.431	18.154	32.396
19.5	-0.298	0.340	9.817	13.191	18.238	26.105	39.005	-0.430	0.419	5.611	7.809	11.480	18.227	32.480
19.6	-0.299	0.340	9.832	13.210	18.265	26.148	39.085	-0.428	0.419	5.632	7.841	11.530	18.300	32.563
19.7	-0.300	0.340	9.847	13.229	18.290	26.189	39.162	-0.425	0.419	5.652	7.873	11.579	18.373	32.646
19.8	-0.301	0.340	9.860	13.246	18.314	26.227	39.235	-0.422	0.419	5.672	7.904	11.629	18.446	32.729
19.9	-0.303	0.340	9.873	13.262	18.337	26.264	39.306	-0.419	0.419	5.692	7.936	11.678	18.519	32.811
20.0	-0.304	0.341	9.886	13.277	18.358	26.299	39.374	-0.416	0.419	5.712	7.968	11.728	18.592	32.893

Table S11. Total Lean Soft Tissue mass, kg

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment
5.0-5.9	0.078	0.125	10.966	12.455	14.129	16.008	18.116	-0.224 + (HAZ • 0.885)	-0.154	0.116	12.157	13.605	15.257	17.143	19.304	-0.180 + (HAZ • 0.935)
6.0-6.9	0.079	0.128	12.415	14.143	16.090	18.281	20.744	-0.079 + (HAZ • 0.858)	-0.126	0.120	13.695	15.402	17.352	19.586	22.147	-0.161 + (HAZ • 0.859)
7.0-7.0	0.081	0.131	13.903	15.885	18.124	20.650	23.495	-0.014 + (HAZ • 0.843)	-0.097	0.125	15.245	17.233	19.510	22.121	25.121	-0.076 + (HAZ • 0.894)
8.0-8.9	0.083	0.134	15.572	17.841	20.409	23.313	26.591	-0.089 + (HAZ • 0.855)	-0.069	0.130	16.822	19.115	21.746	24.768	28.243	-0.034 + (HAZ • 0.863)
9.0-9.9	0.084	0.136	17.602	20.211	23.170	26.520	30.309	-0.255 + (HAZ • 0.871)	-0.041	0.134	18.512	21.144	24.167	27.643	31.643	-0.027 + (HAZ • 0.839)
10.0-10.9	0.086	0.137	20.076	23.082	26.494	30.362	34.739	-0.383 + (HAZ • 0.927)	-0.013	0.138	20.517	23.545	27.026	31.029	35.633	-0.138 + (HAZ • 0.870)
11.0-11.9	0.088	0.137	22.859	26.285	30.174	34.580	39.567	-0.346 + (HAZ • 0.993)	0.015	0.141	23.099	26.611	30.647	35.285	40.613	-0.338 + (HAZ • 0.943)
12.0-12.0	0.090	0.136	25.612	29.419	33.735	38.620	44.141	-0.128 + (HAZ • 0.894)	0.044	0.143	26.394	30.486	35.182	40.564	46.729	-0.406 + (HAZ • 1.000)
13.0-13.9	0.091	0.134	27.972	32.070	36.706	41.943	47.851	0.028 + (HAZ • 0.690)	0.072	0.143	30.235	34.957	40.357	46.522	53.552	-0.282 + (HAZ • 0.970)
14.0-14.0	0.093	0.132	29.748	34.031	38.868	44.319	50.455	-0.014 + (HAZ • 0.645)	0.100	0.141	34.197	39.514	45.563	52.433	60.221	-0.069 + (HAZ • 0.833)
15.0-15.9	0.095	0.130	30.943	35.327	40.267	45.824	52.067	-0.047 + (HAZ • 0.599)	0.128	0.139	37.801	43.597	50.153	57.553	65.887	0.055 + (HAZ • 0.638)
16.0-16.0	0.097	0.128	31.677	36.107	41.088	46.683	52.957	-0.094 + (HAZ • 0.629)	0.156	0.136	40.739	46.867	53.756	61.479	70.118	0.028 + (HAZ • 0.558)
17.0-17.9	0.098	0.127	32.108	36.552	41.545	47.144	53.414	-0.096 + (HAZ • 0.652)	0.185	0.132	42.949	49.272	56.334	64.200	72.940	-0.024 + (HAZ • 0.525)
18.0-18.9	0.100	0.126	32.358	36.804	41.792	47.381	53.634	-0.042 + (HAZ • 0.621)	0.213	0.129	44.538	50.949	58.066	65.942	74.637	-0.022 + (HAZ • 0.502)
19.0-19.9	0.102	0.126	32.502	36.942	41.919	47.491	53.720	-0.044 + (HAZ • 0.590)	0.241	0.126	45.697	52.127	59.221	67.026	75.587	-0.088 + (HAZ • 0.610)

Table S12. Subtotal Lean Soft Tissue Mass, kg

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment
5.0-5.9	0.152	0.141	8.881	10.273	11.846	13.618	15.610	-0.229 + (HAZ • 0.895)	-0.060	0.129	9.933	11.289	12.843	14.626	16.673	-0.179 + (HAZ • 0.936)
6.0-6.9	0.154	0.143	10.257	11.889	13.736	15.821	18.166	-0.074 + (HAZ • 0.853)	-0.036	0.133	11.392	13.004	14.855	16.979	19.421	-0.161 + (HAZ • 0.851)
7.0-7.0	0.156	0.145	11.675	13.561	15.697	18.111	20.831	-0.013 + (HAZ • 0.837)	-0.012	0.137	12.871	14.761	16.932	19.427	22.295	-0.071 + (HAZ • 0.886)
8.0-8.9	0.157	0.146	13.271	15.442	17.904	20.689	23.831	-0.087 + (HAZ • 0.853)	0.012	0.141	14.384	16.573	19.090	21.984	25.311	-0.034 + (HAZ • 0.854)
9.0-9.9	0.159	0.147	15.218	17.729	20.579	23.805	27.446	-0.258 + (HAZ • 0.869)	0.035	0.145	16.013	18.533	21.432	24.767	28.600	-0.025 + (HAZ • 0.829)
10.0-10.9	0.161	0.148	17.596	20.506	23.808	27.546	31.764	-0.387 + (HAZ • 0.922)	0.059	0.148	17.954	20.864	24.213	28.062	32.483	-0.140 + (HAZ • 0.866)
11.0-11.9	0.163	0.147	20.277	23.609	27.387	31.659	36.476	-0.344 + (HAZ • 0.985)	0.083	0.151	20.456	23.848	27.748	32.226	37.357	-0.340 + (HAZ • 0.941)
12.0-12.0	0.165	0.145	22.933	26.648	30.852	35.597	40.937	-0.126 + (HAZ • 0.885)	0.107	0.152	23.646	27.619	32.178	37.397	43.359	-0.407 + (HAZ • 0.998)
13.0-13.9	0.166	0.142	25.217	29.222	33.744	38.835	44.551	0.030 + (HAZ • 0.688)	0.131	0.151	27.361	31.965	37.228	43.228	50.052	-0.282 + (HAZ • 0.968)
14.0-14.0	0.168	0.139	26.941	31.132	35.851	41.151	47.086	-0.013 + (HAZ • 0.644)	0.155	0.149	31.191	36.389	42.301	49.005	56.586	-0.067 + (HAZ • 0.832)
15.0-15.9	0.170	0.137	28.108	32.398	37.218	42.618	48.654	-0.043 + (HAZ • 0.599)	0.179	0.146	34.678	40.353	46.770	54.002	62.127	0.058 + (HAZ • 0.638)
16.0-16.0	0.172	0.135	28.829	33.162	38.022	43.457	49.520	-0.095 + (HAZ • 0.633)	0.203	0.142	37.525	43.528	50.273	57.827	66.259	0.031 + (HAZ • 0.561)
17.0-17.9	0.173	0.134	29.255	33.602	38.470	43.907	49.964	-0.095 + (HAZ • 0.655)	0.226	0.138	39.669	45.862	52.777	60.473	69.009	-0.021 + (HAZ • 0.530)
18.0-18.9	0.175	0.133	29.505	33.852	38.715	44.141	50.178	-0.043 + (HAZ • 0.627)	0.250	0.135	41.213	47.489	54.455	62.161	70.656	-0.024 + (HAZ • 0.510)
19.0-19.9	0.177	0.132	29.653	33.994	38.846	44.253	50.265	-0.048 + (HAZ • 0.591)	0.274	0.131	42.342	48.631	55.572	63.206	71.573	-0.090 + (HAZ • 0.614)

Table S13. Appendicular Lean Soft Tissue Mass, kg

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ Adjustment
5.0-5.9	0.339	0.165	3.727	4.461	5.284	6.202	7.219	-0.233 + (HAZ • 0.91)	0.104	0.149	4.303	5.014	5.829	6.760	7.823	-0.160 + (HAZ • 0.925)
6.0-6.9	0.318	0.165	4.437	5.307	6.288	7.385	8.606	-0.079 + (HAZ • 0.804)	0.068	0.153	5.048	5.894	6.871	7.997	9.294	-0.169 + (HAZ • 0.817)
7.0-7.0	0.297	0.165	5.178	6.190	7.335	8.620	10.056	-0.020 + (HAZ • 0.803)	0.032	0.156	5.830	6.822	7.977	9.319	10.879	-0.059 + (HAZ • 0.835)
8.0-8.9	0.277	0.166	6.008	7.179	8.505	10.000	11.677	-0.077 + (HAZ • 0.814)	-0.001	0.160	6.625	7.771	9.115	10.692	12.542	-0.078 + (HAZ • 0.797)
9.0-9.9	0.256	0.165	6.996	8.348	9.886	11.625	13.582	-0.242 + (HAZ • 0.829)	-0.029	0.163	7.458	8.771	10.324	12.160	14.335	-0.031 + (HAZ • 0.774)
10.0-10.9	0.236	0.165	8.159	9.718	11.495	13.510	15.785	-0.349 + (HAZ • 0.849)	-0.046	0.167	8.424	9.937	11.737	13.881	16.437	-0.093 + (HAZ • 0.809)
11.0-11.9	0.215	0.163	9.424	11.194	13.216	15.514	18.114	-0.296 + (HAZ • 0.905)	-0.046	0.170	9.672	11.441	13.551	16.072	19.087	-0.271 + (HAZ • 0.893)
12.0-12.0	0.195	0.161	10.631	12.587	14.823	17.369	20.255	-0.109 + (HAZ • 0.807)	-0.025	0.171	11.310	13.399	15.885	18.845	22.374	-0.340 + (HAZ • 0.944)
13.0-13.9	0.174	0.159	11.630	13.722	16.117	18.846	21.947	0.012 + (HAZ • 0.626)	0.017	0.168	13.265	15.705	18.585	21.983	25.990	-0.249 + (HAZ • 0.885)
14.0-14.0	0.153	0.156	12.352	14.529	17.023	19.870	23.110	-0.013 + (HAZ • 0.577)	0.073	0.163	15.291	18.054	21.275	25.022	29.374	-0.108 + (HAZ • 0.782)
15.0-15.9	0.133	0.155	12.812	15.033	17.580	20.494	23.817	-0.051 + (HAZ • 0.519)	0.136	0.157	17.075	20.089	23.551	27.517	32.047	0.008 + (HAZ • 0.594)
16.0-16.0	0.112	0.154	13.070	15.309	17.882	20.831	24.205	-0.092 + (HAZ • 0.529)	0.205	0.152	18.412	21.595	25.201	29.270	33.845	-0.022 + (HAZ • 0.545)
17.0-17.9	0.092	0.154	13.198	15.442	18.027	20.999	24.409	-0.080 + (HAZ • 0.563)	0.279	0.148	19.284	22.576	26.255	30.347	34.882	-0.057 + (HAZ • 0.522)
18.0-18.9	0.071	0.154	13.250	15.493	18.084	21.072	24.514	-0.036 + (HAZ • 0.515)	0.354	0.145	19.804	23.161	26.866	30.933	35.377	-0.037 + (HAZ • 0.514)
19.0-19.9	0.051	0.154	13.259	15.496	18.089	21.090	24.561	-0.033 + (HAZ • 0.553)	0.430	0.142	20.129	23.526	27.228	31.242	35.573	-0.096 + (HAZ • 0.625)

Table S14. Leg Lean Soft Tissue Mass, kg

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	**HAZ Adjustment**	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	**HAZ Adjustment**
5.0-5.9	0.365	0.171	2.706	3.269	3.901	4.605	5.385	-0.238 + (HAZ • 0.918)	-0.109	0.163	3.074	3.605	4.238	4.998	5.911	-0.142 + (HAZ • 0.865)
6.0-6.9	0.345	0.171	3.262	3.937	4.697	5.548	6.494	-0.076 + (HAZ • 0.795)	-0.079	0.165	3.652	4.293	5.056	5.968	7.061	-0.156 + (HAZ • 0.773)
7.0-7.0	0.324	0.171	3.842	4.632	5.526	6.529	7.648	-0.022 + (HAZ • 0.810)	-0.048	0.166	4.247	5.006	5.907	6.980	8.258	-0.045 + (HAZ • 0.799)
8.0-8.9	0.304	0.171	4.490	5.407	6.447	7.618	8.931	-0.070 + (HAZ • 0.819)	-0.018	0.168	4.867	5.750	6.798	8.040	9.513	-0.054 + (HAZ • 0.769)
9.0-9.9	0.283	0.171	5.255	6.318	7.526	8.892	10.426	-0.245 + (HAZ • 0.841)	0.013	0.169	5.547	6.569	7.778	9.205	10.890	-0.045 + (HAZ • 0.769)
10.0-10.9	0.263	0.169	6.155	7.381	8.778	10.361	12.145	-0.347 + (HAZ • 0.842)	0.043	0.169	6.356	7.543	8.940	10.583	12.513	-0.136 + (HAZ • 0.823)
11.0-11.9	0.242	0.167	7.133	8.525	10.114	11.918	13.956	-0.290 + (HAZ • 0.890)	0.074	0.169	7.365	8.753	10.378	12.280	14.501	-0.322 + (HAZ • 0.915)
12.0-12.0	0.222	0.165	8.070	9.607	11.363	13.359	15.618	-0.117 + (HAZ • 0.804)	0.104	0.168	8.596	10.218	12.108	14.306	16.855	-0.369 + (HAZ • 0.951)
13.0-13.9	0.201	0.162	8.852	10.495	12.374	14.511	16.934	0.009 + (HAZ • 0.626)	0.135	0.166	9.967	11.836	14.000	16.499	19.374	-0.235 + (HAZ • 0.880)
14.0-14.0	0.181	0.159	9.423	11.132	13.086	15.312	17.840	-0.010 + (HAZ • 0.571)	0.165	0.163	11.320	13.415	15.823	18.583	21.733	-0.063 + (HAZ • 0.772)
15.0-15.9	0.160	0.157	9.791	11.531	13.524	15.799	18.387	-0.045 + (HAZ • 0.511)	0.196	0.159	12.490	14.761	17.354	20.300	23.636	0.068 + (HAZ • 0.598)
16.0-16.0	0.140	0.156	9.997	11.749	13.759	16.058	18.679	-0.086 + (HAZ • 0.516)	0.226	0.155	13.381	15.768	18.472	21.522	24.947	0.021 + (HAZ • 0.554)
17.0-17.9	0.119	0.156	10.099	11.851	13.866	16.178	18.821	-0.079 + (HAZ • 0.558)	0.257	0.152	13.990	16.438	19.190	22.272	25.706	-0.034 + (HAZ • 0.534)
18.0-18.9	0.099	0.155	10.138	11.886	13.902	16.221	18.883	-0.031 + (HAZ • 0.492)	0.287	0.148	14.380	16.846	19.601	22.662	26.050	-0.036 + (HAZ • 0.522)
19.0-19.9	0.078	0.156	10.141	11.883	13.896	16.220	18.898	-0.032 + (HAZ • 0.554)	0.318	0.145	14.637	17.098	19.827	22.839	26.150	-0.142 + (HAZ • 0.638)

Table S15. Fat Mass, kg

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	**HAZ Adjustment**	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	**HAZ Adjustment**
5.0-5.9	-0.136	0.290	2.964	3.898	5.182	6.968	9.486	-0.002 + (haz • 0.341)	-0.169	0.296	2.386	3.143	4.196	5.685	7.830	0.055 + (haz • 0.358)
6.0-6.9	-0.148	0.303	3.231	4.292	5.772	7.868	10.885	-0.127 + (haz • 0.426)	-0.202	0.315	2.596	3.462	4.700	6.512	9.231	-0.119 + (haz • 0.344)
7.0-7.0	-0.159	0.315	3.580	4.800	6.530	9.025	12.695	-0.033 + (haz • 0.495)	-0.237	0.335	2.848	3.844	5.309	7.530	11.023	-0.143 + (haz • 0.409)
8.0-8.9	-0.171	0.327	4.012	5.427	7.462	10.449	14.936	-0.042 + (haz • 0.526)	-0.272	0.355	3.154	4.302	6.041	8.778	13.309	-0.115 + (haz • 0.452)
9.0-9.9	-0.182	0.337	4.507	6.139	8.516	12.062	17.491	-0.055 + (haz • 0.443)	-0.309	0.374	3.486	4.796	6.834	10.171	16.003	0.013 + (haz • 0.400)
10.0-10.9	-0.194	0.345	5.045	6.902	9.635	13.764	20.191	-0.079 + (haz • 0.405)	-0.347	0.390	3.804	5.263	7.591	11.546	18.867	0.025 + (haz • 0.473)
11.0-11.9	-0.205	0.349	5.626	7.709	10.796	15.503	22.919	-0.127 + (haz • 0.382)	-0.385	0.403	4.076	5.656	8.229	12.754	21.610	0.020 + (haz • 0.418)
12.0-12.0	-0.217	0.350	6.277	8.593	12.037	17.315	25.696	-0.157 + (haz • 0.363)	-0.421	0.412	4.297	5.963	8.721	13.714	24.001	-0.024 + (haz • 0.268)
13.0-13.9	-0.229	0.348	7.000	9.554	13.355	19.193	28.504	-0.055 + (haz • 0.256)	-0.452	0.418	4.476	6.202	9.092	14.441	25.937	-0.031 + (haz • 0.161)
14.0-14.0	-0.240	0.345	7.729	10.508	14.641	20.994	31.151	0.040 + (haz • 0.118)	-0.474	0.420	4.636	6.411	9.402	15.018	27.443	-0.016 + (haz • 0.056)
15.0-15.9	-0.252	0.342	8.379	11.349	15.762	22.550	33.426	0.023 + (haz • 0.050)	-0.486	0.420	4.800	6.627	9.716	15.550	28.638	-0.087 + (haz • 0.053)
16.0-16.0	-0.263	0.340	8.905	12.023	16.658	23.797	35.277	0.010 + (haz • 0.041)	-0.486	0.420	4.983	6.878	10.080	16.126	29.673	-0.084 + (haz • 0.046)
17.0-17.9	-0.275	0.340	9.308	12.539	17.348	24.777	36.787	-0.074 + (haz • 0.078)	-0.475	0.420	5.187	7.169	10.510	16.781	30.658	-0.061 + (haz • 0.034)
18.0-18.9	-0.286	0.340	9.610	12.927	17.875	25.549	38.038	0.018 + (haz • -0.008)	-0.456	0.419	5.402	7.487	10.988	17.496	31.605	0.089 + (haz • -0.096)
19.0-19.9	-0.298	0.340	9.817	13.191	18.238	26.105	39.005	0.105 + (haz • 0.131)	-0.430	0.419	5.611	7.809	11.480	18.227	32.480	0.065 + (haz • 0.000)

Table S16. Appendicular Lean Soft Tissue Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	1.449	0.112	3.134	3.637	4.111	4.562	4.993	0.472	0.102	3.577	3.993	4.432	4.896	5.384
6.0-6.9	1.288	0.113	3.336	3.858	4.359	4.845	5.317	0.445	0.103	3.764	4.207	4.676	5.173	5.699
7.0-7.0	1.128	0.114	3.541	4.079	4.609	5.131	5.647	0.417	0.105	3.951	4.420	4.920	5.452	6.016
8.0-8.9	0.968	0.115	3.751	4.306	4.865	5.425	5.987	0.389	0.106	4.134	4.631	5.162	5.729	6.333
9.0-9.9	0.807	0.116	3.971	4.545	5.133	5.735	6.349	0.361	0.108	4.323	4.848	5.412	6.016	6.662
10.0-10.9	0.647	0.117	4.203	4.796	5.416	6.061	6.732	0.333	0.109	4.535	5.091	5.692	6.338	7.031
11.0-11.9	0.486	0.118	4.436	5.046	5.697	6.388	7.120	0.306	0.111	4.790	5.385	6.029	6.724	7.474
12.0-12.0	0.326	0.119	4.648	5.273	5.952	6.688	7.482	0.278	0.113	5.099	5.738	6.434	7.189	8.005
13.0-13.9	0.165	0.120	4.825	5.458	6.160	6.935	7.790	0.250	0.114	5.443	6.133	6.887	7.708	8.600
14.0-14.0	0.005	0.121	4.959	5.595	6.313	7.123	8.035	0.222	0.116	5.782	6.523	7.336	8.225	9.196
15.0-15.9	-0.155	0.122	5.053	5.688	6.417	7.255	8.223	0.195	0.118	6.071	6.856	7.722	8.674	9.718
16.0-16.0	-0.316	0.123	5.116	5.745	6.480	7.343	8.364	0.167	0.119	6.282	7.104	8.013	9.018	10.125
17.0-17.9	-0.476	0.124	5.157	5.778	6.516	7.401	8.476	0.139	0.121	6.424	7.272	8.216	9.263	10.423
18.0-18.9	-0.637	0.125	5.186	5.797	6.536	7.443	8.574	0.111	0.123	6.516	7.386	8.357	9.440	10.647
19.0-19.9	-0.797	0.126	5.208	5.810	6.549	7.476	8.669	0.083	0.124	6.583	7.471	8.466	9.583	10.832

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	-0.477	0.090	3.841	4.181	4.568	5.010	5.518	1.311	0.114	3.794	4.395	4.971	5.528	6.067
6.0-6.9	-0.449	0.092	4.089	4.460	4.883	5.366	5.921	1.055	0.113	4.078	4.682	5.283	5.879	6.472
7.0-7.0	-0.421	0.094	4.335	4.739	5.199	5.725	6.330	0.799	0.113	4.357	4.964	5.586	6.223	6.873
8.0-8.9	-0.394	0.097	4.583	5.022	5.521	6.093	6.750	0.543	0.112	4.632	5.241	5.884	6.561	7.271
9.0-9.9	-0.366	0.099	4.832	5.307	5.848	6.467	7.179	0.286	0.112	4.914	5.525	6.189	6.908	7.685
10.0-10.9	-0.338	0.101	5.075	5.587	6.170	6.838	7.606	0.030	0.111	5.219	5.836	6.523	7.288	8.140
11.0-11.9	-0.310	0.103	5.298	5.847	6.473	7.190	8.014	-0.226	0.111	5.560	6.186	6.900	7.717	8.656
12.0-12.0	-0.282	0.106	5.490	6.074	6.740	7.503	8.381	-0.482	0.110	5.937	6.575	7.319	8.195	9.236
13.0-13.9	-0.254	0.108	5.642	6.259	6.963	7.769	8.696	-0.738	0.110	6.329	6.978	7.753	8.691	9.845
14.0-14.0	-0.227	0.110	5.754	6.401	7.139	7.984	8.955	-0.994	0.109	6.704	7.363	8.166	9.164	10.439
15.0-15.9	-0.199	0.113	5.831	6.505	7.274	8.154	9.166	-1.250	0.108	7.035	7.699	8.523	9.577	10.977
16.0-16.0	-0.171	0.116	5.881	6.580	7.377	8.291	9.339	-1.506	0.108	7.302	7.965	8.803	9.903	11.429
17.0-17.9	-0.143	0.118	5.911	6.633	7.458	8.402	9.485	-1.762	0.107	7.498	8.153	8.996	10.133	11.784
18.0-18.9	-0.115	0.121	5.925	6.669	7.520	8.493	9.608	-2.019	0.107	7.623	8.266	9.106	10.271	12.046
19.0-19.9	-0.087	0.124	5.926	6.692	7.567	8.568	9.715	-2.275	0.106	7.696	8.322	9.154	10.339	12.244

Table S17. Fat Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	-0.321	0.230	2.633	3.238	4.041	5.130	6.643	-0.281	0.221	2.254	2.759	3.418	4.292	5.474
6.0-6.9	-0.317	0.253	2.595	3.252	4.146	5.394	7.189	-0.302	0.255	2.095	2.633	3.365	4.386	5.850
7.0-7.0	-0.313	0.276	2.560	3.270	4.263	5.692	7.822	-0.324	0.292	1.997	2.578	3.408	4.630	6.507
8.0-8.9	-0.309	0.300	2.534	3.298	4.393	6.018	8.526	-0.345	0.328	1.968	2.606	3.556	5.039	7.487
9.0-9.9	-0.305	0.320	2.527	3.342	4.535	6.351	9.243	-0.366	0.360	1.979	2.673	3.748	5.512	8.639
10.0-10.9	-0.300	0.335	2.547	3.407	4.687	6.671	9.899	-0.388	0.383	1.988	2.721	3.890	5.892	9.667
11.0-11.9	-0.296	0.342	2.604	3.505	4.856	6.967	10.436	-0.409	0.399	1.962	2.705	3.914	6.053	10.291
12.0-12.0	-0.292	0.342	2.708	3.647	5.055	7.251	10.855	-0.431	0.408	1.892	2.614	3.806	5.960	10.396
13.0-13.9	-0.288	0.337	2.857	3.835	5.291	7.544	11.201	-0.452	0.411	1.798	2.481	3.615	5.693	10.089
14.0-14.0	-0.284	0.330	3.036	4.054	5.556	7.854	11.532	-0.473	0.408	1.719	2.361	3.428	5.397	9.624
15.0-15.9	-0.280	0.323	3.220	4.280	5.830	8.179	11.889	-0.495	0.402	1.685	2.299	3.317	5.195	9.254
16.0-16.0	-0.276	0.319	3.389	4.492	6.098	8.515	12.301	-0.516	0.395	1.709	2.314	3.316	5.160	9.158
17.0-17.9	-0.272	0.319	3.528	4.678	6.350	8.862	12.786	-0.538	0.390	1.784	2.403	3.424	5.306	9.421
18.0-18.9	-0.268	0.321	3.640	4.838	6.585	9.216	13.334	-0.559	0.389	1.889	2.535	3.604	5.587	10.000
19.0-19.9	-0.264	0.326	3.728	4.976	6.803	9.566	13.913	-0.581	0.391	1.998	2.676	3.805	5.926	10.773

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	-0.194	0.266	2.290	2.932	3.800	4.994	6.663	-0.790	0.242	1.958	2.364	2.950	3.857	5.423
6.0-6.9	-0.193	0.289	2.242	2.928	3.879	5.222	7.160	-0.760	0.274	1.900	2.343	3.005	4.087	6.107
7.0-7.0	-0.192	0.313	2.210	2.944	3.989	5.506	7.765	-0.731	0.308	1.842	2.320	3.064	4.346	6.957
8.0-8.9	-0.192	0.334	2.206	2.993	4.139	5.847	8.465	-0.706	0.342	1.786	2.298	3.122	4.618	7.950
9.0-9.9	-0.191	0.351	2.236	3.077	4.324	6.222	9.198	-0.688	0.373	1.735	2.273	3.167	4.870	9.000
10.0-10.9	-0.190	0.362	2.302	3.197	4.539	6.607	9.900	-0.678	0.397	1.688	2.242	3.187	5.063	9.979
11.0-11.9	-0.189	0.366	2.409	3.357	4.785	6.995	10.533	-0.678	0.415	1.645	2.204	3.176	5.167	10.735
12.0-12.0	-0.189	0.364	2.560	3.563	5.068	7.393	11.102	-0.686	0.423	1.609	2.163	3.136	5.170	11.134
13.0-13.9	-0.188	0.360	2.742	3.801	5.383	7.811	11.658	-0.699	0.424	1.581	2.123	3.079	5.094	11.151
14.0-14.0	-0.187	0.357	2.922	4.041	5.708	8.257	12.276	-0.711	0.421	1.561	2.089	3.020	4.983	10.925
15.0-15.9	-0.187	0.359	3.069	4.253	6.021	8.730	13.014	-0.719	0.418	1.546	2.064	2.974	4.890	10.681
16.0-16.0	-0.186	0.367	3.166	4.419	6.306	9.226	13.897	-0.721	0.417	1.536	2.050	2.951	4.845	10.551
17.0-17.9	-0.185	0.381	3.213	4.536	6.556	9.735	14.914	-0.715	0.418	1.532	2.046	2.949	4.844	10.528
18.0-18.9	-0.185	0.398	3.219	4.609	6.768	10.236	16.019	-0.703	0.420	1.530	2.050	2.962	4.873	10.553
19.0-19.9	-0.184	0.417	3.198	4.649	6.948	10.722	17.181	-0.686	0.423	1.529	2.056	2.982	4.917	10.593

Table S18. Total Lean Soft Tissue Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	1.177	0.088	9.055	10.052	11.032	11.997	12.948	-0.245	0.070	10.282	11.005	11.793	12.652	13.590
6.0-6.9	1.030	0.089	9.265	10.276	11.283	12.288	13.291	-0.224	0.073	10.403	11.174	12.017	12.938	13.948
7.0-7.0	0.883	0.090	9.488	10.512	11.549	12.597	13.655	-0.203	0.077	10.532	11.356	12.258	13.248	14.335
8.0-8.9	0.735	0.091	9.743	10.785	11.855	12.951	14.072	-0.183	0.081	10.678	11.559	12.526	13.591	14.765
9.0-9.9	0.588	0.092	10.056	11.121	12.231	13.383	14.577	-0.162	0.085	10.856	11.800	12.840	13.989	15.259
10.0-10.9	0.441	0.094	10.439	11.534	12.690	13.909	15.190	-0.142	0.089	11.093	12.108	13.231	14.475	15.854
11.0-11.9	0.293	0.095	10.873	12.002	13.212	14.505	15.886	-0.121	0.093	11.423	12.522	13.740	15.092	16.596
12.0-12.0	0.146	0.096	11.313	12.477	13.741	15.113	16.601	-0.100	0.097	11.864	13.057	14.383	15.859	17.504
13.0-13.9	-0.001	0.097	11.710	12.903	14.217	15.666	17.262	-0.080	0.101	12.397	13.693	15.136	16.744	18.539
14.0-14.0	-0.148	0.098	12.035	13.249	14.606	16.124	17.826	-0.059	0.103	12.968	14.367	15.927	17.667	19.610
15.0-15.9	-0.296	0.099	12.281	13.507	14.897	16.478	18.283	-0.039	0.105	13.513	15.007	16.674	18.533	20.608
16.0-16.0	-0.443	0.101	12.454	13.685	15.100	16.736	18.641	-0.018	0.107	13.989	15.564	17.320	19.278	21.463
17.0-17.9	-0.590	0.102	12.572	13.803	15.237	16.923	18.927	0.003	0.108	14.383	16.025	17.853	19.889	22.157
18.0-18.9	-0.738	0.103	12.656	13.883	15.332	17.065	19.170	0.023	0.109	14.707	16.402	18.287	20.383	22.714
19.0-19.9	-0.885	0.104	12.717	13.938	15.399	17.179	19.391	0.044	0.109	14.981	16.720	18.650	20.793	23.170

Black Children

Age, y	Females							Males						
5.0-5.9	-0.694	0.075	9.954	10.673	11.484	12.406	13.460	0.749	0.077	10.371	11.283	12.215	13.165	14.132
6.0-6.9	-0.631	0.077	10.168	10.924	11.778	12.745	13.849	0.539	0.083	10.551	11.530	12.548	13.607	14.704
7.0-7.0	-0.567	0.079	10.402	11.200	12.098	13.115	14.272	0.329	0.088	10.748	11.781	12.879	14.044	15.278
8.0-8.9	-0.504	0.081	10.693	11.539	12.490	13.564	14.783	0.118	0.092	10.984	12.056	13.220	14.481	15.848
9.0-9.9	-0.441	0.083	11.063	11.967	12.980	14.122	15.415	-0.092	0.094	11.282	12.382	13.600	14.950	16.447
10.0-10.9	-0.378	0.085	11.506	12.475	13.561	14.781	16.158	-0.303	0.096	11.661	12.787	14.059	15.501	17.142
11.0-11.9	-0.315	0.087	11.977	13.019	14.184	15.490	16.958	-0.513	0.098	12.133	13.294	14.632	16.184	18.000
12.0-12.0	-0.252	0.089	12.417	13.533	14.777	16.169	17.728	-0.724	0.100	12.710	13.911	15.322	17.000	19.022
13.0-13.9	-0.189	0.091	12.775	13.962	15.282	16.754	18.396	-0.934	0.101	13.376	14.611	16.089	17.885	20.115
14.0-14.0	-0.125	0.093	13.032	14.284	15.673	17.216	18.932	-1.145	0.100	14.079	15.337	16.863	18.758	21.176
15.0-15.9	-0.062	0.096	13.199	14.511	15.963	17.569	19.349	-1.355	0.099	14.740	16.012	17.578	19.559	22.160
16.0-16.0	0.001	0.098	13.305	14.674	16.183	17.849	19.685	-1.565	0.099	15.300	16.581	18.180	20.245	23.042
17.0-17.9	0.064	0.100	13.368	14.793	16.359	18.080	19.969	-1.776	0.099	15.736	17.017	18.637	20.774	23.766
18.0-18.9	0.127	0.103	13.391	14.871	16.492	18.265	20.201	-1.986	0.098	16.042	17.313	18.941	21.134	24.314
19.0-19.9	0.190	0.105	13.376	14.910	16.582	18.404	20.384	-2.197	0.099	16.223	17.481	19.115	21.366	24.765

Table S19. Subtotal Lean Soft Tissue Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0-5.9	1.155	0.100	7.421	8.373	9.308	10.229	11.137	-0.106	0.081	8.435	9.140	9.911	10.755	11.679
6.0-6.9	1.023	0.100	7.713	8.686	9.656	10.623	11.589	-0.091	0.084	8.671	9.425	10.251	11.157	12.151
7.0-7.0	0.891	0.101	7.996	8.987	9.991	11.005	12.030	-0.077	0.087	8.911	9.717	10.602	11.574	12.643
8.0-8.9	0.759	0.102	8.289	9.299	10.337	11.400	12.488	-0.062	0.091	9.157	10.019	10.968	12.013	13.164
9.0-9.9	0.627	0.102	8.643	9.679	10.759	11.881	13.043	-0.047	0.094	9.425	10.349	11.368	12.494	13.736
10.0-10.9	0.495	0.103	9.099	10.173	11.307	12.502	13.758	-0.033	0.098	9.743	10.738	11.838	13.055	14.402
11.0-11.9	0.363	0.104	9.636	10.755	11.954	13.235	14.600	-0.018	0.101	10.147	11.224	12.418	13.742	15.210
12.0-12.0	0.231	0.104	10.171	11.335	12.598	13.966	15.446	-0.003	0.104	10.653	11.825	13.127	14.573	16.178
13.0-13.9	0.099	0.105	10.622	11.818	13.134	14.581	16.170	0.012	0.107	11.240	12.515	13.934	15.511	17.265
14.0-14.0	-0.033	0.106	10.960	12.176	13.531	15.043	16.730	0.026	0.110	11.853	13.231	14.766	16.473	18.372
15.0-15.9	-0.165	0.106	11.198	12.422	13.804	15.369	17.145	0.041	0.111	12.426	13.899	15.538	17.361	19.389
16.0-16.0	-0.297	0.107	11.352	12.575	13.973	15.581	17.436	0.056	0.112	12.917	14.469	16.195	18.114	20.246
17.0-17.9	-0.429	0.108	11.456	12.672	14.081	15.724	17.657	0.070	0.113	13.318	14.932	16.726	18.720	20.932
18.0-18.9	-0.561	0.109	11.539	12.746	14.163	15.841	17.852	0.085	0.113	13.641	15.304	17.152	19.201	21.472
19.0-19.9	-0.693	0.109	11.607	12.804	14.226	15.938	18.030	0.100	0.114	13.911	15.614	17.502	19.594	21.908

Black Children

Age, y	Females							Males						
5.0-5.9	-0.725	0.084	8.268	8.931	9.691	10.570	11.597	0.863	0.099	8.348	9.358	10.383	11.423	12.476
6.0-6.9	-0.660	0.086	8.582	9.287	10.094	11.024	12.105	0.652	0.100	8.736	9.760	10.822	11.922	13.058
7.0-7.0	-0.595	0.087	8.912	9.662	10.519	11.502	12.641	0.440	0.100	9.118	10.153	11.250	12.411	13.636
8.0-8.9	-0.529	0.089	9.292	10.093	11.005	12.050	13.255	0.229	0.101	9.500	10.545	11.677	12.901	14.221
9.0-9.9	-0.464	0.090	9.740	10.602	11.579	12.695	13.976	0.017	0.101	9.907	10.965	12.134	13.426	14.852
10.0-10.9	-0.399	0.092	10.248	11.178	12.231	13.427	14.793	-0.195	0.102	10.373	11.449	12.662	14.032	15.582
11.0-11.9	-0.333	0.093	10.774	11.777	12.908	14.190	15.646	-0.406	0.102	10.929	12.032	13.298	14.760	16.459
12.0-12.0	-0.268	0.095	11.255	12.330	13.540	14.903	16.446	-0.618	0.103	11.580	12.717	14.047	15.617	17.493
13.0-13.9	-0.203	0.096	11.643	12.786	14.066	15.504	17.122	-0.829	0.103	12.289	13.465	14.864	16.555	18.633
14.0-14.0	-0.137	0.098	11.922	13.124	14.466	15.966	17.646	-1.041	0.103	12.999	14.211	15.678	17.493	19.794
15.0-15.9	-0.072	0.100	12.107	13.362	14.757	16.310	18.039	-1.253	0.104	13.649	14.890	16.419	18.353	20.890
16.0-16.0	-0.007	0.101	12.230	13.533	14.977	16.576	18.346	-1.464	0.104	14.197	15.457	17.034	19.078	21.855
17.0-17.9	0.059	0.103	12.313	13.663	15.152	16.792	18.599	-1.676	0.105	14.616	15.883	17.494	19.633	22.654
18.0-18.9	0.124	0.105	12.359	13.754	15.286	16.964	18.802	-1.887	0.105	14.903	16.165	17.795	20.013	23.277
19.0-19.9	0.190	0.107	12.371	13.809	15.381	17.094	18.958	-2.099	0.106	15.077	16.325	17.962	20.244	23.760

Table S20. Total Lean Soft Tissue Mass, kg

Non-Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	0.239	0.133	10.604	12.194	13.959	15.913	18.068	-0.158 + (haz • 0.855)	-0.216	0.128	11.721	13.248	15.024	17.098	19.531	-0.112 + (haz • 0.840)
6.0-6.9	0.203	0.133	12.103	13.901	15.904	18.132	20.601	-0.060 + (haz • 0.817)	-0.183	0.128	13.313	15.065	17.096	19.458	22.217	-0.110 + (haz • 0.787)
7.0-7.0	0.168	0.133	13.646	15.653	17.900	20.409	23.203	0.041 + (haz • 0.823)	-0.149	0.128	14.943	16.929	19.225	21.885	24.977	-0.053 + (haz • 0.846)
8.0-8.9	0.132	0.132	15.344	17.579	20.091	22.910	26.065	-0.049 + (haz • 0.840)	-0.116	0.129	16.619	18.850	21.420	24.387	27.820	0.011 + (haz • 0.867)
9.0-9.9	0.097	0.132	17.373	19.880	22.709	25.898	29.484	-0.213 + (haz • 0.886)	-0.082	0.129	18.395	20.889	23.754	27.048	30.843	0.032 + (haz • 0.837)
10.0-10.9	0.062	0.132	19.842	22.679	25.893	29.531	33.645	-0.323 + (haz • 0.896)	-0.049	0.130	20.458	23.261	26.469	30.144	34.358	-0.070 + (haz • 0.901)
11.0-11.9	0.026	0.132	22.636	25.842	29.489	33.636	38.348	-0.312 + (haz • 1.034)	-0.015	0.130	23.090	26.286	29.932	34.093	38.842	-0.251 + (haz • 0.993)
12.0-12.0	-0.009	0.132	25.405	28.971	33.043	37.693	43.004	-0.110 + (haz • 0.956)	0.018	0.130	26.452	30.151	34.357	39.139	44.572	-0.351 + (haz • 1.057)
13.0-13.9	-0.045	0.131	27.760	31.621	36.047	41.124	46.953	0.026 + (haz • 0.759)	0.051	0.131	30.360	34.651	39.513	45.018	51.245	-0.252 + (haz • 1.039)
14.0-14.0	-0.080	0.131	29.501	33.567	38.246	43.637	49.858	-0.049 + (haz • 0.709)	0.085	0.131	34.327	39.231	44.768	51.012	58.043	-0.036 + (haz • 0.895)
15.0-15.9	-0.116	0.131	30.644	34.830	39.665	45.261	51.751	-0.053 + (haz • 0.646)	0.118	0.132	37.809	43.268	49.411	56.309	64.044	0.096 + (haz • 0.678)
16.0-16.0	-0.151	0.131	31.319	35.560	40.476	46.191	52.854	-0.097 + (haz • 0.690)	0.152	0.132	40.499	46.410	53.037	60.451	68.725	0.020 + (haz • 0.582)
17.0-17.9	-0.186	0.131	31.696	35.951	40.901	46.681	53.455	-0.127 + (haz • 0.688)	0.185	0.133	42.396	48.652	55.640	63.426	72.077	-0.040 + (haz • 0.504)
18.0-18.9	-0.222	0.130	31.915	36.162	41.120	46.936	53.788	-0.090 + (haz • 0.709)	0.219	0.133	43.666	50.182	57.433	65.478	74.378	-0.035 + (haz • 0.505)
19.0-19.9	-0.257	0.130	32.051	36.280	41.235	47.071	53.984	-0.051 + (haz • 0.656)	0.252	0.133	44.530	51.249	58.699	66.930	75.996	-0.082 + (haz • 0.618)

Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	-0.149	0.137	11.149	12.731	14.576	16.735	19.270	-0.227 + (haz • 0.706)	0.998	0.115	12.262	14.102	15.943	17.784	19.626	-0.329 + (haz • 0.887)
6.0-6.9	-0.113	0.134	12.917	14.722	16.813	19.239	22.062	-0.061 + (haz • 0.770)	0.923	0.120	13.963	16.133	18.324	20.537	22.768	-0.212 + (haz • 0.755)
7.0-7.0	-0.078	0.131	14.813	16.852	19.197	21.898	25.012	-0.271 + (haz • 0.847)	0.848	0.125	15.637	18.145	20.707	23.318	25.975	-0.176 + (haz • 0.861)
8.0-8.9	-0.043	0.128	16.987	19.289	21.919	24.924	28.362	-0.357 + (haz • 0.925)	0.773	0.130	17.358	20.220	23.178	26.224	29.352	-0.170 + (haz • 0.767)
9.0-9.9	-0.008	0.125	19.542	22.149	25.107	28.464	32.273	-0.530 + (haz • 0.859)	0.699	0.134	19.300	22.552	25.952	29.492	33.165	-0.230 + (haz • 0.832)
10.0-10.9	0.028	0.123	22.430	25.375	28.695	32.436	36.649	-0.692 + (haz • 1.100)	0.624	0.137	21.680	25.380	29.294	33.416	37.739	-0.352 + (haz • 0.776)
11.0-11.9	0.063	0.120	25.420	28.704	32.383	36.499	41.103	-0.431 + (haz • 0.936)	0.549	0.140	24.683	28.899	33.413	38.221	43.318	-0.629 + (haz • 0.890)
12.0-12.0	0.098	0.118	28.193	31.776	35.765	40.199	45.124	-0.089 + (haz • 0.768)	0.474	0.140	28.341	33.119	38.289	43.856	49.820	-0.640 + (haz • 0.994)
13.0-13.9	0.133	0.115	30.508	34.321	38.540	43.202	48.344	0.096 + (haz • 0.602)	0.399	0.139	32.427	37.738	43.541	49.849	56.676	-0.456 + (haz • 0.955)
14.0-14.0	0.168	0.113	32.284	36.251	40.615	45.408	50.661	0.100 + (haz • 0.586)	0.325	0.136	36.555	42.294	48.613	55.540	63.105	-0.192 + (haz • 0.790)
15.0-15.9	0.204	0.110	33.576	37.632	42.069	46.913	52.190	-0.024 + (haz • 0.504)	0.250	0.132	40.332	46.350	53.018	60.381	68.485	-0.103 + (haz • 0.607)
16.0-16.0	0.239	0.108	34.517	38.615	43.073	47.912	53.154	-0.130 + (haz • 0.483)	0.175	0.128	43.477	49.625	56.472	64.081	72.516	-0.006 + (haz • 0.537)
17.0-17.9	0.274	0.106	35.234	39.344	43.792	48.593	53.766	-0.020 + (haz • 0.545)	0.100	0.123	45.859	52.008	58.889	66.578	75.158	0.003 + (haz • 0.634)
18.0-18.9	0.309	0.103	35.814	39.919	44.337	49.082	54.167	0.054 + (haz • 0.363)	0.026	0.119	47.486	53.539	60.340	67.980	76.560	0.016 + (haz • 0.436)
19.0-19.9	0.345	0.101	36.321	40.409	44.789	49.468	54.456	-0.053 + (haz • 0.224)	-0.049	0.116	48.491	54.386	61.038	68.549	77.035	-0.066 + (haz • 0.355)

Table S21. Subtotal Lean Soft Tissue Mass, kg

Non-Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	0.329	0.147	8.585	10.056	11.688	13.489	15.468	-0.164 + (haz • 0.882)	-0.086	0.140	9.562	10.969	12.604	14.507	16.727	-0.110 + (haz • 0.859)
6.0-6.9	0.294	0.146	9.996	11.683	13.563	15.647	17.947	-0.057 + (haz • 0.824)	-0.060	0.140	11.060	12.697	14.592	16.790	19.341	-0.109 + (haz • 0.788)
7.0-7.0	0.258	0.145	11.451	13.355	15.485	17.858	20.489	0.041 + (haz • 0.828)	-0.034	0.140	12.606	14.481	16.645	19.145	22.036	-0.046 + (haz • 0.845)
8.0-8.9	0.223	0.144	13.058	15.198	17.601	20.289	23.286	-0.048 + (haz • 0.843)	-0.007	0.140	14.202	16.325	18.768	21.580	24.817	0.014 + (haz • 0.862)
9.0-9.9	0.188	0.144	14.987	17.408	20.138	23.205	26.640	-0.218 + (haz • 0.884)	0.019	0.139	15.902	18.292	21.033	24.176	27.779	0.034 + (haz • 0.828)
10.0-10.9	0.153	0.143	17.345	20.107	23.232	26.760	30.731	-0.327 + (haz • 0.891)	0.045	0.139	17.889	20.591	23.681	27.211	31.240	-0.073 + (haz • 0.896)
11.0-11.9	0.118	0.142	20.019	23.162	26.732	30.779	35.357	-0.308 + (haz • 1.019)	0.071	0.139	20.430	23.533	27.069	31.093	35.667	-0.255 + (haz • 0.987)
12.0-12.0	0.083	0.141	22.677	26.188	30.190	34.747	39.927	-0.106 + (haz • 0.939)	0.097	0.139	23.672	27.287	31.393	36.048	41.318	-0.354 + (haz • 1.051)
13.0-13.9	0.048	0.141	24.950	28.759	33.117	38.101	43.793	0.028 + (haz • 0.750)	0.124	0.139	27.438	31.650	36.419	41.806	47.878	-0.251 + (haz • 1.031)
14.0-14.0	0.012	0.140	26.645	30.657	35.264	40.555	46.628	-0.046 + (haz • 0.700)	0.150	0.139	31.261	36.087	41.531	47.659	54.538	-0.035 + (haz • 0.892)
15.0-15.9	-0.023	0.139	27.774	31.900	36.655	42.137	48.460	-0.047 + (haz • 0.640)	0.176	0.139	34.628	40.002	46.045	52.822	60.399	0.100 + (haz • 0.674)
16.0-16.0	-0.058	0.138	28.456	32.627	37.450	43.034	49.507	-0.097 + (haz • 0.689)	0.202	0.139	37.247	43.059	49.573	56.850	64.955	0.025 + (haz • 0.584)
17.0-17.9	-0.093	0.138	28.851	33.024	37.866	43.495	50.051	-0.123 + (haz • 0.688)	0.229	0.139	39.112	45.249	52.104	59.733	68.197	-0.035 + (haz • 0.509)
18.0-18.9	-0.128	0.137	29.090	33.243	38.078	43.720	50.324	-0.093 + (haz • 0.717)	0.255	0.139	40.381	46.752	53.844	61.708	70.398	-0.037 + (haz • 0.514)
19.0-19.9	-0.163	0.136	29.251	33.373	38.187	43.828	50.463	-0.054 + (haz • 0.663)	0.281	0.139	41.261	47.808	55.070	63.093	71.925	-0.084 + (haz • 0.625)

Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	-0.137	0.151	8.841	10.235	11.885	13.844	16.178	-0.030 + (haz • 0.731)	0.914	0.129	10.098	11.808	13.540	15.290	17.058	-0.331 + (haz • 0.885)
6.0-6.9	-0.093	0.149	10.753	12.443	14.429	16.765	19.522	-0.044 + (haz • 0.762)	0.848	0.133	11.717	13.750	15.830	17.952	20.113	-0.207 + (haz • 0.752)
7.0-7.0	-0.049	0.147	12.747	14.743	17.068	19.781	22.950	-0.395 + (haz • 0.820)	0.782	0.137	13.313	15.675	18.117	20.634	23.219	-0.175 + (haz • 0.861)
8.0-8.9	-0.005	0.145	14.905	17.220	19.896	22.990	26.569	-0.527 + (haz • 0.888)	0.716	0.141	14.958	17.661	20.487	23.429	26.480	-0.176 + (haz • 0.772)
9.0-9.9	0.039	0.141	17.276	19.921	22.952	26.424	30.398	-0.661 + (haz • 0.824)	0.649	0.144	16.824	19.902	23.158	26.582	30.169	-0.227 + (haz • 0.826)
10.0-10.9	0.083	0.137	19.836	22.804	26.173	29.994	34.320	-0.731 + (haz • 1.043)	0.583	0.147	19.120	22.635	26.393	30.389	34.618	-0.355 + (haz • 0.774)
11.0-11.9	0.127	0.132	22.473	25.727	29.386	33.491	38.089	-0.384 + (haz • 0.897)	0.517	0.148	22.025	26.050	30.401	35.074	40.070	-0.632 + (haz • 0.890)
12.0-12.0	0.171	0.126	25.007	28.491	32.368	36.673	41.442	0.014 + (haz • 0.750)	0.451	0.148	25.571	30.154	35.156	40.582	46.438	-0.639 + (haz • 0.993)
13.0-13.9	0.215	0.121	27.263	30.914	34.939	39.363	44.216	0.227 + (haz • 0.606)	0.385	0.146	29.534	34.651	40.280	46.440	53.148	-0.457 + (haz • 0.953)
14.0-14.0	0.259	0.116	29.131	32.898	37.014	41.500	46.377	0.213 + (haz • 0.605)	0.318	0.143	33.541	39.088	45.229	51.998	59.426	-0.185 + (haz • 0.784)
15.0-15.9	0.303	0.113	30.586	34.437	38.613	43.131	48.004	0.045 + (haz • 0.525)	0.252	0.138	37.208	43.037	49.523	56.715	64.659	-0.102 + (haz • 0.608)
16.0-16.0	0.347	0.110	31.674	35.596	39.822	44.363	49.230	-0.119 + (haz • 0.504)	0.186	0.133	40.261	46.222	52.883	60.306	68.555	-0.003 + (haz • 0.541)
17.0-17.9	0.391	0.109	32.476	36.469	40.747	45.319	50.189	-0.059 + (haz • 0.562)	0.120	0.128	42.572	48.537	55.227	62.715	71.083	0.005 + (haz • 0.642)
18.0-18.9	0.435	0.108	33.077	37.146	41.484	46.095	50.982	-0.017 + (haz • 0.365)	0.054	0.124	44.150	50.023	56.629	64.056	72.397	0.012 + (haz • 0.444)
19.0-19.9	0.478	0.108	33.557	37.707	42.110	46.767	51.679	-0.169 + (haz • 0.209)	-0.013	0.120	45.127	50.847	57.301	64.587	72.812	-0.068 + (haz • 0.357)

Table S22. Appendicular Lean Soft Tissue Mass, kg

Non-Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	0.610	0.159	3.587	4.320	5.104	5.938	6.821	-0.112 + (haz • 0.977)	0.170	0.139	4.228	4.882	5.617	6.442	7.365	-0.126 + (haz • 0.910)
6.0-6.9	0.548	0.158	4.323	5.185	6.117	7.117	8.186	-0.049 + (haz • 0.813)	0.184	0.141	4.976	5.761	6.646	7.638	8.748	-0.111 + (haz • 0.802)
7.0-7.0	0.486	0.157	5.101	6.094	7.178	8.354	9.621	0.012 + (haz • 0.830)	0.197	0.143	5.742	6.668	7.712	8.883	10.193	-0.018 + (haz • 0.847)
8.0-8.9	0.425	0.157	5.961	7.096	8.346	9.714	11.203	-0.114 + (haz • 0.834)	0.210	0.146	6.528	7.606	8.819	10.181	11.704	-0.012 + (haz • 0.849)
9.0-9.9	0.363	0.156	6.943	8.236	9.674	11.261	13.005	-0.294 + (haz • 0.861)	0.223	0.148	7.376	8.621	10.023	11.597	13.356	0.023 + (haz • 0.779)
10.0-10.9	0.302	0.156	8.050	9.517	11.162	12.996	15.030	-0.352 + (haz • 0.827)	0.236	0.150	8.379	9.823	11.449	13.274	15.313	-0.070 + (haz • 0.814)
11.0-11.9	0.240	0.155	9.219	10.864	12.724	14.816	17.160	-0.256 + (haz • 0.933)	0.249	0.152	9.652	11.344	13.250	15.386	17.772	-0.253 + (haz • 0.918)
12.0-12.0	0.179	0.154	10.335	12.142	14.201	16.539	19.183	-0.026 + (haz • 0.851)	0.262	0.153	11.245	13.239	15.482	17.994	20.795	-0.336 + (haz • 0.980)
13.0-13.9	0.117	0.154	11.287	13.221	15.442	17.986	20.894	0.091 + (haz • 0.702)	0.275	0.153	13.068	15.393	18.003	20.921	24.167	-0.218 + (haz • 0.933)
14.0-14.0	0.055	0.153	12.017	14.035	16.372	19.072	22.189	0.012 + (haz • 0.659)	0.288	0.152	14.909	17.551	20.509	23.807	27.465	-0.017 + (haz • 0.823)
15.0-15.9	-0.006	0.153	12.525	14.589	16.995	19.801	23.073	-0.017 + (haz • 0.578)	0.301	0.151	16.536	19.438	22.678	26.277	30.258	0.125 + (haz • 0.605)
16.0-16.0	-0.068	0.152	12.849	14.926	17.366	20.235	23.617	-0.091 + (haz • 0.607)	0.314	0.149	17.809	20.895	24.330	28.133	32.326	0.038 + (haz • 0.562)
17.0-17.9	-0.129	0.152	13.042	15.111	17.558	20.463	23.922	-0.132 + (haz • 0.627)	0.327	0.147	18.720	21.922	25.474	29.394	33.700	-0.030 + (haz • 0.498)
18.0-18.9	-0.191	0.151	13.153	15.202	17.642	20.563	24.079	-0.141 + (haz • 0.653)	0.340	0.144	19.347	22.615	26.227	30.200	34.550	-0.050 + (haz • 0.522)
19.0-19.9	-0.252	0.150	13.219	15.241	17.666	20.594	24.157	-0.082 + (haz • 0.659)	0.354	0.142	19.800	23.101	26.738	30.727	35.080	-0.113 + (haz • 0.654)

Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	-0.109	0.149	4.322	4.998	5.793	6.732	7.842	-0.350 + (haz • 0.796)	1.063	0.171	4.206	5.322	6.425	7.515	8.595	-0.237 + (haz • 0.801)
6.0-6.9	-0.082	0.147	5.229	6.039	6.986	8.096	9.399	-0.084 + (haz • 0.810)	0.982	0.167	5.141	6.423	7.710	9.000	10.293	-0.195 + (haz • 0.707)
7.0-7.0	-0.055	0.144	6.194	7.143	8.247	9.533	11.031	-0.301 + (haz • 0.864)	0.901	0.164	6.102	7.535	8.995	10.480	11.986	-0.154 + (haz • 0.789)
8.0-8.9	-0.027	0.142	7.281	8.385	9.662	11.140	12.851	-0.322 + (haz • 0.905)	0.820	0.160	7.104	8.680	10.310	11.987	13.708	-0.143 + (haz • 0.716)
9.0-9.9	0.000	0.140	8.527	9.806	11.277	12.969	14.915	-0.495 + (haz • 0.814)	0.738	0.157	8.222	9.949	11.760	13.646	15.603	-0.196 + (haz • 0.824)
10.0-10.9	0.027	0.138	9.893	11.361	13.041	14.961	17.154	-0.600 + (haz • 1.004)	0.657	0.154	9.562	11.470	13.493	15.627	17.865	-0.340 + (haz • 0.824)
11.0-11.9	0.055	0.135	11.265	12.918	14.799	16.938	19.366	-0.342 + (haz • 0.851)	0.576	0.151	11.243	13.377	15.667	18.108	20.697	-0.624 + (haz • 0.940)
12.0-12.0	0.082	0.133	12.500	14.315	16.369	18.689	21.309	-0.088 + (haz • 0.740)	0.495	0.148	13.278	15.681	18.286	21.093	24.103	-0.628 + (haz • 1.058)
13.0-13.9	0.110	0.131	13.508	15.447	17.630	20.083	22.836	0.061 + (haz • 0.581)	0.413	0.145	15.478	18.152	21.080	24.268	27.722	-0.468 + (haz • 0.950)
14.0-14.0	0.137	0.129	14.268	16.292	18.561	21.096	23.925	0.094 + (haz • 0.528)	0.332	0.142	17.587	20.494	23.705	27.235	31.101	-0.244 + (haz • 0.798)
15.0-15.9	0.164	0.127	14.814	16.892	19.209	21.785	24.643	-0.047 + (haz • 0.476)	0.251	0.139	19.402	22.474	25.896	29.694	33.895	-0.155 + (haz • 0.633)
16.0-16.0	0.192	0.125	15.209	17.317	19.656	22.244	25.101	-0.142 + (haz • 0.437)	0.169	0.136	20.812	23.972	27.521	31.496	35.936	-0.061 + (haz • 0.558)
17.0-17.9	0.219	0.123	15.507	17.632	19.977	22.559	25.395	-0.012 + (haz • 0.463)	0.088	0.134	21.791	24.968	28.563	32.624	37.204	-0.038 + (haz • 0.684)
18.0-18.9	0.246	0.121	15.741	17.872	20.214	22.779	25.583	0.121 + (haz • 0.241)	0.007	0.131	22.370	25.506	29.079	33.148	37.782	-0.003 + (haz • 0.472)
19.0-19.9	0.274	0.119	15.935	18.066	20.398	22.940	25.705	-0.055 + (haz • 0.152)	-0.074	0.128	22.651	25.707	29.211	33.234	37.858	-0.106 + (haz • 0.379)

Table S23. Leg Lean Soft Tissue Mass, kg

Non-Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	0.612	0.165	2.604	3.161	3.760	4.398	5.074	-0.123 + (haz • 0.995)	0.148	0.145	3.030	3.521	4.078	4.709	5.421	-0.129 + (haz • 0.907)
6.0-6.9	0.554	0.164	3.178	3.841	4.560	5.334	6.161	-0.049 + (haz • 0.809)	0.170	0.147	3.612	4.207	4.882	5.644	6.502	-0.103 + (haz • 0.781)
7.0-7.0	0.496	0.163	3.784	4.555	5.397	6.312	7.299	0.010 + (haz • 0.844)	0.192	0.148	4.210	4.916	5.715	6.616	7.628	-0.019 + (haz • 0.832)
8.0-8.9	0.438	0.162	4.453	5.338	6.315	7.384	8.549	-0.103 + (haz • 0.845)	0.214	0.150	4.827	5.652	6.583	7.632	8.807	-0.009 + (haz • 0.830)
9.0-9.9	0.379	0.161	5.214	6.227	7.353	8.597	9.965	-0.296 + (haz • 0.888)	0.236	0.152	5.496	6.452	7.530	8.741	10.095	0.008 + (haz • 0.774)
10.0-10.9	0.321	0.160	6.070	7.222	8.513	9.953	11.550	-0.352 + (haz • 0.827)	0.258	0.153	6.283	7.395	8.646	10.048	11.612	-0.079 + (haz • 0.816)
11.0-11.9	0.263	0.159	6.974	8.268	9.730	11.374	13.215	-0.252 + (haz • 0.919)	0.280	0.154	7.264	8.567	10.030	11.666	13.485	-0.246 + (haz • 0.923)
12.0-12.0	0.204	0.159	7.840	9.262	10.882	12.720	14.797	-0.037 + (haz • 0.848)	0.302	0.155	8.462	9.993	11.707	13.616	15.732	-0.326 + (haz • 0.965)
13.0-13.9	0.146	0.158	8.582	10.106	11.854	13.855	16.137	0.084 + (haz • 0.707)	0.323	0.154	9.802	11.577	13.558	15.756	18.183	-0.207 + (haz • 0.913)
14.0-14.0	0.088	0.157	9.155	10.746	12.586	14.709	17.153	0.016 + (haz • 0.655)	0.345	0.153	11.126	13.131	15.359	17.822	20.529	-0.016 + (haz • 0.812)
15.0-15.9	0.029	0.156	9.557	11.184	13.078	15.282	17.845	-0.008 + (haz • 0.568)	0.367	0.151	12.267	14.458	16.881	19.546	22.463	0.130 + (haz • 0.615)
16.0-16.0	-0.029	0.155	9.814	11.451	13.370	15.621	18.265	-0.079 + (haz • 0.591)	0.389	0.148	13.130	15.447	17.998	20.792	23.835	0.026 + (haz • 0.587)
17.0-17.9	-0.087	0.154	9.966	11.596	13.519	15.793	18.490	-0.131 + (haz • 0.620)	0.411	0.146	13.716	16.107	18.728	21.584	24.682	-0.036 + (haz • 0.523)
18.0-18.9	-0.145	0.154	10.053	11.664	13.578	15.861	18.594	-0.137 + (haz • 0.626)	0.433	0.144	14.092	16.518	19.165	22.037	25.139	-0.054 + (haz • 0.549)
19.0-19.9	-0.204	0.153	10.103	11.691	13.590	15.873	18.633	-0.078 + (haz • 0.661)	0.455	0.142	14.344	16.782	19.430	22.291	25.367	-0.134 + (haz • 0.684)

Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	-0.034	0.152	3.189	3.709	4.318	5.031	5.866	-0.362 + (haz • 0.794)	1.306	0.169	3.024	3.900	4.718	5.495	6.240	-0.181 + (haz • 0.773)
6.0-6.9	-0.015	0.150	3.903	4.532	5.264	6.117	7.110	-0.071 + (haz • 0.790)	1.199	0.166	3.747	4.754	5.721	6.656	7.565	-0.151 + (haz • 0.727)
7.0-7.0	0.005	0.148	4.659	5.401	6.260	7.255	8.408	-0.302 + (haz • 0.862)	1.091	0.163	4.507	5.638	6.750	7.844	8.925	-0.149 + (haz • 0.794)
8.0-8.9	0.024	0.145	5.507	6.372	7.370	8.520	9.844	-0.316 + (haz • 0.901)	0.983	0.161	5.334	6.589	7.849	9.112	10.378	-0.164 + (haz • 0.724)
9.0-9.9	0.043	0.143	6.472	7.477	8.629	9.951	11.464	-0.488 + (haz • 0.788)	0.875	0.158	6.273	7.662	9.084	10.535	12.011	-0.299 + (haz • 0.828)
10.0-10.9	0.063	0.141	7.527	8.680	9.997	11.499	13.212	-0.582 + (haz • 0.974)	0.767	0.156	7.367	8.909	10.515	12.180	13.900	-0.488 + (haz • 0.835)
11.0-11.9	0.082	0.138	8.582	9.879	11.355	13.030	14.930	-0.323 + (haz • 0.824)	0.659	0.153	8.634	10.345	12.157	14.067	16.070	-0.727 + (haz • 0.934)
12.0-12.0	0.102	0.136	9.530	10.953	12.563	14.383	16.436	-0.097 + (haz • 0.728)	0.552	0.151	10.035	11.922	13.954	16.128	18.442	-0.631 + (haz • 1.021)
13.0-13.9	0.121	0.134	10.304	11.822	13.532	15.457	17.618	0.063 + (haz • 0.545)	0.444	0.148	11.473	13.526	15.769	18.204	20.836	-0.389 + (haz • 0.908)
14.0-14.0	0.140	0.132	10.887	12.470	14.246	16.235	18.459	0.093 + (haz • 0.501)	0.336	0.146	12.830	15.020	17.445	20.116	23.046	-0.126 + (haz • 0.762)
15.0-15.9	0.160	0.130	11.305	12.926	14.738	16.759	19.007	-0.038 + (haz • 0.454)	0.228	0.144	14.009	16.294	18.856	21.718	24.905	-0.031 + (haz • 0.634)
16.0-16.0	0.179	0.128	11.603	13.244	15.072	17.101	19.349	-0.145 + (haz • 0.409)	0.120	0.141	14.952	17.286	19.934	22.933	26.323	0.061 + (haz • 0.551)
17.0-17.9	0.198	0.126	11.824	13.474	15.303	17.327	19.560	-0.003 + (haz • 0.445)	0.012	0.139	15.647	17.988	20.675	23.757	27.293	0.035 + (haz • 0.689)
18.0-18.9	0.218	0.124	11.992	13.643	15.466	17.475	19.681	0.142 + (haz • 0.209)	-0.095	0.137	16.122	18.439	21.124	24.245	27.877	0.036 + (haz • 0.455)
19.0-19.9	0.237	0.122	12.127	13.773	15.584	17.572	19.747	-0.057 + (haz • 0.140)	-0.203	0.135	16.436	18.706	21.364	24.490	28.183	-0.182 + (haz • 0.386)

Table S24. Fat Mass, kg

Non-Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	-0.207	0.247	3.160	3.975	5.058	6.517	8.517	0.144 + (haz • 0.233)	-0.195	0.250	2.694	3.402	4.344	5.615	7.357	0.142 + (haz • 0.375)
6.0-6.9	-0.214	0.272	3.499	4.491	5.848	7.736	10.417	-0.130 + (haz • 0.436)	-0.223	0.280	2.830	3.655	4.796	6.404	8.722	-0.116 + (haz • 0.399)
7.0-7.0	-0.221	0.297	3.832	5.023	6.697	9.105	12.659	-0.047 + (haz • 0.514)	-0.251	0.312	3.018	3.989	5.385	7.449	10.604	-0.134 + (haz • 0.427)
8.0-8.9	-0.228	0.321	4.189	5.595	7.628	10.647	15.274	-0.065 + (haz • 0.554)	-0.278	0.343	3.273	4.419	6.132	8.795	13.131	-0.105 + (haz • 0.429)
9.0-9.9	-0.235	0.341	4.590	6.225	8.642	12.331	18.174	-0.065 + (haz • 0.497)	-0.306	0.371	3.568	4.900	6.965	10.329	16.170	0.046 + (haz • 0.374)
10.0-10.9	-0.242	0.354	5.056	6.922	9.725	14.084	21.154	-0.063 + (haz • 0.393)	-0.334	0.393	3.864	5.368	7.768	11.842	19.348	0.035 + (haz • 0.465)
11.0-11.9	-0.248	0.359	5.606	7.696	10.856	15.814	23.948	-0.150 + (haz • 0.434)	-0.362	0.408	4.135	5.776	8.449	13.135	22.211	0.058 + (haz • 0.425)
12.0-12.0	-0.255	0.356	6.248	8.547	12.015	17.448	26.353	-0.152 + (haz • 0.412)	-0.390	0.415	4.373	6.108	8.970	14.099	24.421	0.003 + (haz • 0.272)
13.0-13.9	-0.262	0.347	6.964	9.451	13.172	18.949	28.326	-0.063 + (haz • 0.317)	-0.418	0.415	4.588	6.381	9.355	14.757	25.924	-0.025 + (haz • 0.145)
14.0-14.0	-0.269	0.336	7.701	10.354	14.282	20.311	29.970	0.074 + (haz • 0.163)	-0.446	0.411	4.800	6.630	9.670	15.228	26.926	-0.010 + (haz • 0.046)
15.0-15.9	-0.276	0.327	8.392	11.192	15.303	21.552	31.458	0.093 + (haz • 0.108)	-0.474	0.405	5.031	6.894	9.985	15.651	27.725	-0.058 + (haz • 0.039)
16.0-16.0	-0.283	0.321	8.982	11.920	16.213	22.709	32.959	0.080 + (haz • 0.108)	-0.502	0.398	5.301	7.205	10.358	16.147	28.614	-0.093 + (haz • 0.021)
17.0-17.9	-0.290	0.321	9.451	12.525	17.018	23.825	34.591	-0.085 + (haz • 0.190)	-0.529	0.392	5.611	7.572	10.815	16.788	29.812	-0.073 + (haz • -0.012)
18.0-18.9	-0.297	0.324	9.814	13.023	17.737	24.922	36.381	-0.026 + (haz • 0.140)	-0.557	0.388	5.950	7.982	11.345	17.574	31.393	0.055 + (haz • -0.078)
19.0-19.9	-0.304	0.329	10.098	13.443	18.390	26.001	38.290	0.086 + (haz • 0.208)	-0.585	0.386	6.298	8.409	11.912	18.455	33.295	0.067 + (haz • 0.055)

Black Children

	Females								Males							
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	HAZ equations
5.0-5.9	0.072	0.306	2.608	3.580	4.879	6.605	8.885	0.040 + (haz • 0.708)	-0.466	0.268	2.365	2.964	3.814	5.077	7.063	-0.151 + (haz • 0.686)
6.0-6.9	0.051	0.325	2.890	4.033	5.597	7.724	10.606	-0.232 + (haz • 0.552)	-0.477	0.303	2.573	3.301	4.382	6.078	8.959	-0.323 + (haz • 0.490)
7.0-7.0	0.031	0.343	3.206	4.545	6.420	9.035	12.669	-0.254 + (haz • 0.544)	-0.487	0.340	2.762	3.629	4.972	7.215	11.373	-0.227 + (haz • 0.497)
8.0-8.9	0.010	0.360	3.588	5.151	7.385	10.574	15.119	-0.170 + (haz • 0.463)	-0.498	0.377	2.945	3.955	5.588	8.487	14.394	-0.219 + (haz • 0.645)
9.0-9.9	-0.010	0.371	4.056	5.864	8.490	12.307	17.865	-0.128 + (haz • 0.281)	-0.508	0.410	3.129	4.279	6.208	9.828	17.918	-0.143 + (haz • 0.566)
10.0-10.9	-0.030	0.375	4.621	6.681	9.701	14.146	20.718	-0.245 + (haz • 0.413)	-0.519	0.434	3.319	4.596	6.799	11.124	21.585	-0.044 + (haz • 0.553)
11.0-11.9	-0.051	0.372	5.285	7.592	10.980	15.992	23.462	-0.078 + (haz • 0.176)	-0.530	0.449	3.520	4.904	7.335	12.244	24.793	-0.198 + (haz • 0.519)
12.0-12.0	-0.071	0.364	6.039	8.575	12.285	17.768	25.955	-0.160 + (haz • 0.160)	-0.540	0.452	3.738	5.207	7.801	13.094	26.947	-0.151 + (haz • 0.336)
13.0-13.9	-0.091	0.354	6.831	9.576	13.568	19.446	28.213	0.031 + (haz • 0.008)	-0.551	0.446	3.970	5.503	8.196	13.667	27.925	-0.051 + (haz • 0.232)
14.0-14.0	-0.112	0.347	7.575	10.512	14.772	21.039	30.403	0.121 + (haz • -0.017)	-0.562	0.435	4.197	5.777	8.528	14.049	28.186	-0.047 + (haz • 0.134)
15.0-15.9	-0.132	0.345	8.187	11.313	15.858	22.584	32.723	0.060 + (haz • -0.182)	-0.572	0.426	4.399	6.016	8.810	14.363	28.377	-0.178 + (haz • 0.152)
16.0-16.0	-0.152	0.351	8.625	11.940	16.814	24.126	35.354	0.019 + (haz • -0.184)	-0.583	0.421	4.565	6.215	9.058	14.687	28.855	-0.046 + (haz • 0.138)
17.0-17.9	-0.173	0.364	8.889	12.397	17.644	25.694	38.406	0.110 + (haz • -0.331)	-0.593	0.420	4.696	6.379	9.278	15.033	29.637	-0.025 + (haz • 0.211)
18.0-18.9	-0.193	0.381	9.015	12.711	18.366	27.296	41.920	0.142 + (haz • -0.452)	-0.604	0.420	4.800	6.513	9.472	15.381	30.617	0.215 + (haz • -0.140)
19.0-19.9	-0.213	0.402	9.045	12.920	19.007	28.949	45.962	0.025 + (haz • -0.121)	-0.615	0.422	4.882	6.623	9.642	15.724	31.749	0.088 + (haz • -0.148)

Table S25. Appendicular Lean Soft Tissue Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	1.529	0.112	3.033	3.527	3.987	4.421	4.833	0.486	0.101	3.485	3.887	4.312	4.759	5.230
5.1	1.513	0.112	3.053	3.549	4.012	4.449	4.865	0.483	0.101	3.503	3.908	4.336	4.787	5.260
5.2	1.497	0.112	3.073	3.571	4.037	4.477	4.897	0.481	0.101	3.522	3.929	4.360	4.814	5.291
5.3	1.481	0.112	3.093	3.593	4.062	4.505	4.929	0.478	0.102	3.540	3.950	4.384	4.841	5.322
5.4	1.465	0.112	3.113	3.615	4.086	4.534	4.961	0.475	0.102	3.559	3.972	4.408	4.869	5.353
5.5	1.449	0.112	3.134	3.637	4.111	4.562	4.993	0.472	0.102	3.577	3.993	4.432	4.896	5.384
5.6	1.433	0.112	3.154	3.659	4.136	4.590	5.025	0.470	0.102	3.596	4.014	4.457	4.924	5.415
5.7	1.417	0.112	3.174	3.681	4.161	4.618	5.058	0.467	0.102	3.615	4.035	4.481	4.951	5.447
5.8	1.401	0.113	3.194	3.703	4.186	4.647	5.090	0.464	0.102	3.633	4.057	4.505	4.979	5.478
5.9	1.385	0.113	3.214	3.725	4.210	4.675	5.122	0.461	0.102	3.652	4.078	4.529	5.006	5.509
6.0	1.369	0.113	3.235	3.747	4.235	4.703	5.155	0.458	0.103	3.671	4.099	4.554	5.034	5.541
6.1	1.353	0.113	3.255	3.769	4.260	4.732	5.187	0.456	0.103	3.690	4.121	4.578	5.062	5.572
6.2	1.337	0.113	3.275	3.791	4.285	4.760	5.219	0.453	0.103	3.708	4.142	4.603	5.090	5.604
6.3	1.320	0.113	3.295	3.813	4.310	4.788	5.252	0.450	0.103	3.727	4.164	4.627	5.118	5.635
6.4	1.304	0.113	3.316	3.835	4.334	4.817	5.284	0.447	0.103	3.746	4.185	4.652	5.145	5.667
6.5	1.288	0.113	3.336	3.858	4.359	4.845	5.317	0.445	0.103	3.764	4.207	4.676	5.173	5.699
6.6	1.272	0.113	3.356	3.880	4.384	4.873	5.350	0.442	0.104	3.783	4.228	4.701	5.201	5.730
6.7	1.256	0.113	3.377	3.902	4.409	4.902	5.382	0.439	0.104	3.802	4.249	4.725	5.229	5.762
6.8	1.240	0.113	3.397	3.924	4.434	4.930	5.415	0.436	0.104	3.821	4.271	4.750	5.257	5.794
6.9	1.224	0.114	3.417	3.946	4.459	4.959	5.448	0.433	0.104	3.839	4.292	4.774	5.285	5.826
7.0	1.208	0.114	3.438	3.968	4.484	4.988	5.481	0.431	0.104	3.858	4.314	4.799	5.313	5.857
7.1	1.192	0.114	3.458	3.990	4.509	5.016	5.514	0.428	0.104	3.877	4.335	4.823	5.341	5.889
7.2	1.176	0.114	3.479	4.012	4.534	5.045	5.547	0.425	0.104	3.895	4.356	4.847	5.369	5.921
7.3	1.160	0.114	3.499	4.035	4.559	5.074	5.580	0.422	0.105	3.914	4.378	4.872	5.397	5.953
7.4	1.144	0.114	3.520	4.057	4.584	5.102	5.613	0.420	0.105	3.933	4.399	4.896	5.424	5.984
7.5	1.128	0.114	3.541	4.079	4.609	5.131	5.647	0.417	0.105	3.951	4.420	4.920	5.452	6.016
7.6	1.112	0.114	3.561	4.102	4.634	5.160	5.680	0.414	0.105	3.969	4.441	4.945	5.480	6.048
7.7	1.096	0.114	3.582	4.124	4.660	5.189	5.714	0.411	0.105	3.988	4.463	4.969	5.508	6.079
7.8	1.080	0.114	3.603	4.147	4.685	5.218	5.747	0.408	0.105	4.006	4.484	4.993	5.535	6.111
7.9	1.064	0.114	3.624	4.169	4.710	5.247	5.781	0.406	0.105	4.025	4.505	5.017	5.563	6.143
8.0	1.048	0.115	3.645	4.192	4.736	5.277	5.815	0.403	0.106	4.043	4.526	5.041	5.591	6.174
8.1	1.032	0.115	3.666	4.215	4.761	5.306	5.849	0.400	0.106	4.061	4.547	5.066	5.618	6.206
8.2	1.016	0.115	3.687	4.237	4.787	5.336	5.883	0.397	0.106	4.079	4.568	5.090	5.646	6.238
8.3	1.000	0.115	3.708	4.260	4.813	5.365	5.918	0.395	0.106	4.098	4.589	5.114	5.674	6.269
8.4	0.984	0.115	3.729	4.283	4.839	5.395	5.953	0.392	0.106	4.116	4.610	5.138	5.702	6.301
8.5	0.968	0.115	3.751	4.306	4.865	5.425	5.987	0.389	0.106	4.134	4.631	5.162	5.729	6.333
8.6	0.952	0.115	3.772	4.330	4.891	5.455	6.023	0.386	0.107	4.153	4.652	5.187	5.757	6.365
8.7	0.935	0.115	3.794	4.353	4.917	5.486	6.058	0.383	0.107	4.171	4.673	5.211	5.785	6.397
8.8	0.919	0.115	3.815	4.377	4.944	5.516	6.093	0.381	0.107	4.190	4.695	5.236	5.813	6.429
8.9	0.903	0.115	3.837	4.400	4.970	5.547	6.129	0.378	0.107	4.208	4.716	5.260	5.842	6.462
9.0	0.887	0.115	3.859	4.424	4.997	5.578	6.165	0.375	0.107	4.227	4.738	5.285	5.870	6.494
9.1	0.871	0.116	3.881	4.448	5.024	5.609	6.201	0.372	0.107	4.246	4.759	5.310	5.899	6.527
9.2	0.855	0.116	3.904	4.472	5.051	5.640	6.238	0.370	0.107	4.265	4.781	5.335	5.928	6.560
9.3	0.839	0.116	3.926	4.496	5.078	5.671	6.275	0.367	0.108	4.284	4.803	5.360	5.957	6.594
9.4	0.823	0.116	3.949	4.521	5.106	5.703	6.312	0.364	0.108	4.303	4.825	5.386	5.986	6.628
9.5	0.807	0.116	3.971	4.545	5.133	5.735	6.349	0.361	0.108	4.323	4.848	5.412	6.016	6.662
9.6	0.791	0.116	3.994	4.570	5.161	5.767	6.386	0.358	0.108	4.343	4.871	5.438	6.046	6.696
9.7	0.775	0.116	4.017	4.595	5.189	5.799	6.424	0.356	0.108	4.363	4.894	5.465	6.077	6.731
9.8	0.759	0.116	4.040	4.619	5.217	5.832	6.462	0.353	0.108	4.383	4.917	5.491	6.108	6.767
9.9	0.743	0.116	4.063	4.644	5.245	5.864	6.500	0.350	0.109	4.404	4.941	5.519	6.139	6.803
10.0	0.727	0.116	4.086	4.670	5.273	5.897	6.539	0.347	0.109	4.425	4.965	5.546	6.171	6.839
10.1	0.711	0.116	4.110	4.695	5.302	5.929	6.577	0.345	0.109	4.446	4.989	5.574	6.203	6.876
10.2	0.695	0.117	4.133	4.720	5.330	5.962	6.616	0.342	0.109	4.467	5.014	5.603	6.236	6.914
10.3	0.679	0.117	4.156	4.745	5.359	5.995	6.654	0.339	0.109	4.489	5.039	5.632	6.269	6.952
10.4	0.663	0.117	4.180	4.771	5.387	6.028	6.693	0.336	0.109	4.512	5.065	5.662	6.303	6.991
10.5	0.647	0.117	4.203	4.796	5.416	6.061	6.732	0.333	0.109	4.535	5.091	5.692	6.338	7.031
10.6	0.631	0.117	4.227	4.821	5.444	6.094	6.771	0.331	0.110	4.558	5.118	5.723	6.373	7.072
10.7	0.615	0.117	4.250	4.847	5.473	6.127	6.810	0.328	0.110	4.582	5.146	5.754	6.409	7.113
10.8	0.599	0.117	4.274	4.872	5.501	6.160	6.850	0.325	0.110	4.606	5.173	5.786	6.446	7.155
10.9	0.583	0.117	4.297	4.897	5.529	6.193	6.889	0.322	0.110	4.631	5.202	5.819	6.483	7.198
11.0	0.567	0.117	4.321	4.922	5.558	6.226	6.928	0.320	0.110	4.656	5.231	5.852	6.522	7.242
11.1	0.550	0.117	4.344	4.947	5.586	6.259	6.966	0.317	0.110	4.682	5.260	5.886	6.561	7.286
11.2	0.534	0.118	4.367	4.972	5.614	6.292	7.005	0.314	0.111	4.708	5.291	5.921	6.600	7.332
11.3	0.518	0.118	4.390	4.997	5.642	6.324	7.044	0.311	0.111	4.735	5.321	5.956	6.641	7.378
11.4	0.502	0.118	4.413	5.022	5.669	6.356	7.082	0.308	0.111	4.762	5.353	5.992	6.682	7.425
11.5	0.486	0.118	4.436	5.046	5.697	6.388	7.120	0.306	0.111	4.790	5.385	6.029	6.724	7.474
11.6	0.470	0.118	4.458	5.070	5.724	6.420	7.158	0.303	0.111	4.819	5.418	6.066	6.767	7.523

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.7	0.454	0.118	4.480	5.094	5.751	6.451	7.196	0.300	0.111	4.848	5.451	6.105	6.811	7.573
11.8	0.438	0.118	4.502	5.118	5.777	6.482	7.233	0.297	0.111	4.878	5.485	6.144	6.856	7.624
11.9	0.422	0.118	4.524	5.141	5.803	6.513	7.270	0.295	0.112	4.908	5.520	6.183	6.901	7.676
12.0	0.406	0.118	4.546	5.164	5.829	6.543	7.306	0.292	0.112	4.938	5.555	6.223	6.947	7.729
12.1	0.390	0.118	4.567	5.186	5.855	6.573	7.343	0.289	0.112	4.970	5.590	6.264	6.994	7.783
12.2	0.374	0.118	4.588	5.209	5.880	6.602	7.378	0.286	0.112	5.001	5.627	6.306	7.042	7.837
12.3	0.358	0.119	4.608	5.231	5.904	6.631	7.413	0.283	0.112	5.033	5.663	6.348	7.090	7.892
12.4	0.342	0.119	4.629	5.252	5.928	6.660	7.448	0.281	0.112	5.066	5.701	6.391	7.139	7.948
12.5	0.326	0.119	4.648	5.273	5.952	6.688	7.482	0.278	0.113	5.099	5.738	6.434	7.189	8.005
12.6	0.310	0.119	4.668	5.294	5.975	6.715	7.515	0.275	0.113	5.132	5.777	6.478	7.239	8.063
12.7	0.294	0.119	4.687	5.314	5.998	6.742	7.548	0.272	0.113	5.166	5.815	6.522	7.289	8.121
12.8	0.278	0.119	4.706	5.334	6.020	6.768	7.581	0.270	0.113	5.200	5.854	6.567	7.341	8.179
12.9	0.262	0.119	4.724	5.353	6.042	6.794	7.613	0.267	0.113	5.234	5.893	6.612	7.392	8.238
13.0	0.246	0.119	4.742	5.372	6.063	6.819	7.644	0.264	0.113	5.268	5.933	6.657	7.444	8.298
13.1	0.230	0.119	4.759	5.390	6.083	6.843	7.674	0.261	0.114	5.303	5.973	6.703	7.496	8.358
13.2	0.214	0.119	4.776	5.408	6.103	6.867	7.704	0.258	0.114	5.338	6.012	6.748	7.549	8.418
13.3	0.198	0.120	4.793	5.425	6.123	6.890	7.733	0.256	0.114	5.373	6.053	6.794	7.602	8.478
13.4	0.182	0.120	4.809	5.442	6.141	6.913	7.762	0.253	0.114	5.408	6.093	6.840	7.655	8.539
13.5	0.165	0.120	4.825	5.458	6.160	6.935	7.790	0.250	0.114	5.443	6.133	6.887	7.708	8.600
13.6	0.149	0.120	4.840	5.474	6.177	6.956	7.817	0.247	0.114	5.478	6.173	6.933	7.761	8.661
13.7	0.133	0.120	4.855	5.489	6.195	6.977	7.844	0.245	0.115	5.513	6.213	6.979	7.814	8.722
13.8	0.117	0.120	4.869	5.504	6.211	6.997	7.870	0.242	0.115	5.547	6.253	7.025	7.866	8.782
13.9	0.101	0.120	4.883	5.519	6.228	7.017	7.896	0.239	0.115	5.582	6.293	7.070	7.919	8.843
14.0	0.085	0.120	4.897	5.533	6.243	7.036	7.920	0.236	0.115	5.616	6.332	7.116	7.971	8.903
14.1	0.069	0.120	4.910	5.546	6.258	7.055	7.945	0.233	0.115	5.650	6.371	7.161	8.023	8.963
14.2	0.053	0.120	4.923	5.559	6.273	7.072	7.968	0.231	0.115	5.684	6.410	7.205	8.074	9.022
14.3	0.037	0.120	4.935	5.572	6.287	7.090	7.991	0.228	0.116	5.717	6.448	7.249	8.125	9.081
14.4	0.021	0.121	4.947	5.584	6.300	7.106	8.014	0.225	0.116	5.750	6.486	7.293	8.175	9.139
14.5	0.005	0.121	4.959	5.595	6.313	7.123	8.035	0.222	0.116	5.782	6.523	7.336	8.225	9.196
14.6	-0.011	0.121	4.970	5.606	6.326	7.138	8.057	0.220	0.116	5.814	6.560	7.378	8.274	9.253
14.7	-0.027	0.121	4.980	5.617	6.338	7.153	8.077	0.217	0.116	5.845	6.596	7.420	8.322	9.308
14.8	-0.043	0.121	4.991	5.627	6.349	7.168	8.097	0.214	0.116	5.876	6.631	7.461	8.370	9.363
14.9	-0.059	0.121	5.001	5.637	6.360	7.182	8.117	0.211	0.117	5.906	6.666	7.501	8.416	9.417
15.0	-0.075	0.121	5.011	5.647	6.371	7.195	8.136	0.208	0.117	5.935	6.700	7.540	8.462	9.470
15.1	-0.091	0.121	5.020	5.656	6.381	7.208	8.154	0.206	0.117	5.964	6.733	7.578	8.506	9.522
15.2	-0.107	0.121	5.029	5.664	6.390	7.221	8.172	0.203	0.117	5.992	6.765	7.616	8.550	9.573
15.3	-0.123	0.121	5.037	5.673	6.400	7.233	8.190	0.200	0.117	6.019	6.796	7.652	8.592	9.623
15.4	-0.139	0.122	5.046	5.681	6.408	7.244	8.207	0.197	0.117	6.045	6.827	7.688	8.634	9.671
15.5	-0.155	0.122	5.053	5.688	6.417	7.255	8.223	0.195	0.118	6.071	6.856	7.722	8.674	9.718
15.6	-0.171	0.122	5.061	5.695	6.425	7.266	8.239	0.192	0.118	6.095	6.885	7.756	8.713	9.764
15.7	-0.187	0.122	5.068	5.702	6.432	7.276	8.255	0.189	0.118	6.119	6.913	7.788	8.752	9.809
15.8	-0.204	0.122	5.075	5.708	6.439	7.286	8.270	0.186	0.118	6.142	6.940	7.820	8.789	9.853
15.9	-0.220	0.122	5.082	5.715	6.446	7.295	8.284	0.183	0.118	6.165	6.966	7.851	8.825	9.895
16.0	-0.236	0.122	5.088	5.720	6.452	7.304	8.299	0.181	0.118	6.186	6.991	7.880	8.860	9.937
16.1	-0.252	0.122	5.094	5.726	6.459	7.312	8.312	0.178	0.119	6.207	7.016	7.909	8.893	9.977
16.2	-0.268	0.122	5.100	5.731	6.464	7.321	8.326	0.175	0.119	6.227	7.039	7.936	8.926	10.015
16.3	-0.284	0.122	5.106	5.736	6.470	7.328	8.339	0.172	0.119	6.246	7.061	7.963	8.958	10.053
16.4	-0.300	0.123	5.111	5.741	6.475	7.336	8.352	0.170	0.119	6.265	7.083	7.989	8.988	10.089
16.5	-0.316	0.123	5.116	5.745	6.480	7.343	8.364	0.167	0.119	6.282	7.104	8.013	9.018	10.125
16.6	-0.332	0.123	5.121	5.749	6.484	7.350	8.377	0.164	0.119	6.299	7.124	8.037	9.046	10.159
16.7	-0.348	0.123	5.126	5.753	6.489	7.357	8.389	0.161	0.120	6.316	7.143	8.060	9.074	10.192
16.8	-0.364	0.123	5.130	5.757	6.493	7.363	8.400	0.158	0.120	6.331	7.162	8.082	9.100	10.224
16.9	-0.380	0.123	5.135	5.760	6.497	7.369	8.412	0.156	0.120	6.346	7.180	8.104	9.126	10.256
17.0	-0.396	0.123	5.139	5.764	6.500	7.375	8.423	0.153	0.120	6.360	7.197	8.124	9.151	10.286
17.1	-0.412	0.123	5.143	5.767	6.504	7.380	8.434	0.150	0.120	6.374	7.213	8.144	9.175	10.315
17.2	-0.428	0.123	5.147	5.770	6.507	7.386	8.445	0.147	0.120	6.387	7.229	8.163	9.198	10.343
17.3	-0.444	0.123	5.150	5.773	6.510	7.391	8.455	0.145	0.121	6.400	7.244	8.181	9.221	10.371
17.4	-0.460	0.124	5.154	5.775	6.513	7.396	8.466	0.142	0.121	6.412	7.258	8.199	9.242	10.397
17.5	-0.476	0.124	5.157	5.778	6.516	7.401	8.476	0.139	0.121	6.424	7.272	8.216	9.263	10.423
17.6	-0.492	0.124	5.161	5.780	6.518	7.406	8.487	0.136	0.121	6.435	7.286	8.232	9.283	10.448
17.7	-0.508	0.124	5.164	5.783	6.521	7.410	8.497	0.133	0.121	6.445	7.299	8.248	9.303	10.473
17.8	-0.524	0.124	5.167	5.785	6.523	7.415	8.507	0.131	0.121	6.455	7.311	8.263	9.322	10.497
17.9	-0.540	0.124	5.170	5.787	6.525	7.419	8.517	0.128	0.122	6.465	7.323	8.278	9.340	10.520
18.0	-0.556	0.124	5.173	5.789	6.527	7.423	8.526	0.125	0.122	6.475	7.334	8.292	9.358	10.542
18.1	-0.572	0.124	5.176	5.791	6.529	7.427	8.536	0.122	0.122	6.483	7.345	8.306	9.376	10.564
18.2	-0.589	0.124	5.178	5.793	6.531	7.431	8.546	0.120	0.122	6.492	7.356	8.320	9.392	10.585
18.3	-0.605	0.124	5.181	5.794	6.533	7.435	8.555	0.117	0.122	6.500	7.366	8.332	9.409	10.606
18.4	-0.621	0.125	5.184	5.796	6.535	7.439	8.565	0.114	0.123	6.508	7.376	8.345	9.425	10.627
18.5	-0.637	0.125	5.186	5.797	6.536	7.443	8.574	0.111	0.123	6.516	7.386	8.357	9.440	10.647
18.6	-0.653	0.125	5.189	5.799	6.538	7.446	8.584	0.108	0.123	6.524	7.395	8.369	9.456	10.666

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.7	-0.669	0.125	5.191	5.800	6.539	7.450	8.593	0.106	0.123	6.531	7.404	8.381	9.471	10.686
18.8	-0.685	0.125	5.193	5.802	6.541	7.453	8.603	0.103	0.123	6.538	7.413	8.392	9.485	10.705
18.9	-0.701	0.125	5.196	5.803	6.542	7.457	8.612	0.100	0.123	6.545	7.422	8.403	9.500	10.723
19.0	-0.717	0.125	5.198	5.804	6.543	7.460	8.622	0.097	0.124	6.551	7.430	8.414	9.514	10.742
19.1	-0.733	0.125	5.200	5.806	6.545	7.463	8.631	0.095	0.124	6.558	7.439	8.425	9.528	10.760
19.2	-0.749	0.125	5.202	5.807	6.546	7.467	8.640	0.092	0.124	6.564	7.447	8.435	9.542	10.778
19.3	-0.765	0.125	5.204	5.808	6.547	7.470	8.650	0.089	0.124	6.571	7.455	8.446	9.555	10.796
19.4	-0.781	0.126	5.206	5.809	6.548	7.473	8.659	0.086	0.124	6.577	7.463	8.456	9.569	10.814
19.5	-0.797	0.126	5.208	5.810	6.549	7.476	8.669	0.083	0.124	6.583	7.471	8.466	9.583	10.832
19.6	-0.813	0.126	5.210	5.811	6.550	7.479	8.678	0.081	0.125	6.589	7.478	8.477	9.596	10.850
19.7	-0.829	0.126	5.212	5.812	6.551	7.482	8.688	0.078	0.125	6.595	7.486	8.487	9.609	10.867
19.8	-0.845	0.126	5.214	5.813	6.552	7.485	8.697	0.075	0.125	6.601	7.494	8.497	9.623	10.885
19.9	-0.861	0.126	5.216	5.814	6.553	7.488	8.707	0.072	0.125	6.607	7.502	8.507	9.636	10.903
20.0	-0.877	0.126	5.218	5.815	6.554	7.491	8.717	0.070	0.125	6.613	7.509	8.517	9.649	10.921

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.491	0.089	3.717	4.041	4.411	4.832	5.317	1.439	0.114	3.651	4.250	4.814	5.351	5.865
5.1	-0.488	0.090	3.742	4.069	4.442	4.868	5.357	1.413	0.114	3.680	4.279	4.846	5.386	5.905
5.2	-0.485	0.090	3.767	4.097	4.474	4.903	5.397	1.388	0.114	3.708	4.308	4.877	5.422	5.946
5.3	-0.483	0.090	3.792	4.125	4.505	4.939	5.437	1.362	0.114	3.737	4.337	4.909	5.457	5.986
5.4	-0.480	0.090	3.816	4.153	4.537	4.974	5.477	1.336	0.114	3.765	4.366	4.940	5.492	6.027
5.5	-0.477	0.090	3.841	4.181	4.568	5.010	5.518	1.311	0.114	3.794	4.395	4.971	5.528	6.067
5.6	-0.474	0.091	3.866	4.209	4.599	5.045	5.558	1.285	0.114	3.822	4.424	5.003	5.563	6.108
5.7	-0.471	0.091	3.891	4.237	4.631	5.081	5.598	1.260	0.114	3.851	4.453	5.034	5.598	6.148
5.8	-0.469	0.091	3.916	4.265	4.662	5.116	5.638	1.234	0.114	3.879	4.481	5.065	5.634	6.189
5.9	-0.466	0.091	3.941	4.293	4.694	5.152	5.679	1.208	0.114	3.908	4.510	5.096	5.669	6.229
6.0	-0.463	0.091	3.965	4.321	4.725	5.188	5.719	1.183	0.114	3.936	4.539	5.128	5.704	6.270
6.1	-0.460	0.092	3.990	4.349	4.757	5.223	5.759	1.157	0.113	3.964	4.568	5.159	5.739	6.311
6.2	-0.458	0.092	4.015	4.377	4.788	5.259	5.800	1.132	0.113	3.993	4.596	5.190	5.774	6.351
6.3	-0.455	0.092	4.040	4.405	4.820	5.294	5.840	1.106	0.113	4.021	4.625	5.221	5.809	6.392
6.4	-0.452	0.092	4.064	4.433	4.851	5.330	5.881	1.080	0.113	4.049	4.654	5.252	5.844	6.432
6.5	-0.449	0.092	4.089	4.460	4.883	5.366	5.921	1.055	0.113	4.078	4.682	5.283	5.879	6.472
6.6	-0.446	0.093	4.114	4.488	4.914	5.402	5.962	1.029	0.113	4.106	4.711	5.313	5.914	6.513
6.7	-0.444	0.093	4.138	4.516	4.946	5.437	6.002	1.003	0.113	4.134	4.739	5.344	5.949	6.553
6.8	-0.441	0.093	4.163	4.544	4.977	5.473	6.043	0.978	0.113	4.162	4.767	5.375	5.983	6.593
6.9	-0.438	0.093	4.187	4.572	5.009	5.509	6.084	0.952	0.113	4.190	4.796	5.405	6.018	6.633
7.0	-0.435	0.093	4.212	4.600	5.041	5.545	6.125	0.927	0.113	4.218	4.824	5.435	6.052	6.673
7.1	-0.432	0.094	4.237	4.628	5.072	5.581	6.166	0.901	0.113	4.246	4.852	5.466	6.086	6.713
7.2	-0.430	0.094	4.261	4.655	5.104	5.617	6.207	0.875	0.113	4.274	4.880	5.496	6.121	6.753
7.3	-0.427	0.094	4.286	4.683	5.136	5.653	6.248	0.850	0.113	4.301	4.908	5.526	6.155	6.793
7.4	-0.424	0.094	4.311	4.711	5.167	5.689	6.289	0.824	0.113	4.329	4.936	5.556	6.189	6.833
7.5	-0.421	0.094	4.335	4.739	5.199	5.725	6.330	0.799	0.113	4.357	4.964	5.586	6.223	6.873
7.6	-0.419	0.095	4.360	4.767	5.231	5.762	6.372	0.773	0.113	4.384	4.991	5.616	6.257	6.913
7.7	-0.416	0.095	4.385	4.796	5.263	5.798	6.413	0.747	0.113	4.412	5.019	5.646	6.290	6.952
7.8	-0.413	0.095	4.409	4.824	5.295	5.835	6.455	0.722	0.113	4.439	5.047	5.676	6.324	6.992
7.9	-0.410	0.095	4.434	4.852	5.327	5.871	6.497	0.696	0.113	4.467	5.075	5.705	6.358	7.032
8.0	-0.407	0.096	4.459	4.880	5.360	5.908	6.539	0.671	0.112	4.494	5.102	5.735	6.392	7.071
8.1	-0.405	0.096	4.484	4.908	5.392	5.945	6.581	0.645	0.112	4.522	5.130	5.765	6.425	7.111
8.2	-0.402	0.096	4.509	4.937	5.424	5.982	6.623	0.619	0.112	4.549	5.157	5.794	6.459	7.151
8.3	-0.399	0.096	4.534	4.965	5.456	6.019	6.665	0.594	0.112	4.577	5.185	5.824	6.493	7.191
8.4	-0.396	0.096	4.559	4.994	5.489	6.056	6.707	0.568	0.112	4.604	5.213	5.854	6.527	7.231
8.5	-0.394	0.097	4.583	5.022	5.521	6.093	6.750	0.543	0.112	4.632	5.241	5.884	6.561	7.271
8.6	-0.391	0.097	4.608	5.050	5.554	6.130	6.792	0.517	0.112	4.659	5.268	5.914	6.595	7.311
8.7	-0.388	0.097	4.633	5.079	5.586	6.167	6.835	0.491	0.112	4.687	5.296	5.944	6.629	7.352
8.8	-0.385	0.097	4.658	5.108	5.619	6.204	6.878	0.466	0.112	4.715	5.324	5.974	6.663	7.392
8.9	-0.382	0.097	4.683	5.136	5.652	6.242	6.921	0.440	0.112	4.743	5.353	6.004	6.697	7.433
9.0	-0.380	0.098	4.708	5.165	5.684	6.279	6.964	0.414	0.112	4.771	5.381	6.034	6.732	7.475
9.1	-0.377	0.098	4.733	5.193	5.717	6.317	7.006	0.389	0.112	4.799	5.409	6.065	6.767	7.516
9.2	-0.374	0.098	4.758	5.222	5.750	6.354	7.049	0.363	0.112	4.828	5.438	6.096	6.802	7.558
9.3	-0.371	0.098	4.783	5.250	5.782	6.392	7.093	0.338	0.112	4.856	5.467	6.127	6.837	7.600
9.4	-0.369	0.099	4.808	5.279	5.815	6.429	7.136	0.312	0.112	4.885	5.496	6.158	6.872	7.642
9.5	-0.366	0.099	4.832	5.307	5.848	6.467	7.179	0.286	0.112	4.914	5.525	6.189	6.908	7.685
9.6	-0.363	0.099	4.857	5.335	5.880	6.504	7.222	0.261	0.112	4.943	5.555	6.221	6.944	7.728
9.7	-0.360	0.099	4.882	5.364	5.913	6.542	7.265	0.235	0.112	4.973	5.585	6.253	6.981	7.772
9.8	-0.357	0.099	4.906	5.392	5.946	6.579	7.308	0.210	0.111	5.002	5.615	6.286	7.018	7.816
9.9	-0.355	0.100	4.931	5.420	5.978	6.616	7.351	0.184	0.111	5.032	5.646	6.318	7.055	7.861
10.0	-0.352	0.100	4.955	5.448	6.010	6.654	7.394	0.158	0.111	5.063	5.676	6.351	7.093	7.906
10.1	-0.349	0.100	4.979	5.476	6.043	6.691	7.436	0.133	0.111	5.093	5.707	6.385	7.131	7.951
10.2	-0.346	0.100	5.003	5.504	6.075	6.728	7.479	0.107	0.111	5.124	5.739	6.419	7.169	7.997

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
10.3	-0.343	0.101	5.027	5.532	6.107	6.765	7.522	0.082	0.111	5.155	5.771	6.453	7.208	8.044
10.4	-0.341	0.101	5.051	5.559	6.138	6.801	7.564	0.056	0.111	5.187	5.803	6.488	7.248	8.092
10.5	-0.338	0.101	5.075	5.587	6.170	6.838	7.606	0.030	0.111	5.219	5.836	6.523	7.288	8.140
10.6	-0.335	0.101	5.098	5.614	6.202	6.874	7.648	0.005	0.111	5.251	5.869	6.558	7.328	8.188
10.7	-0.332	0.101	5.122	5.641	6.233	6.911	7.690	-0.021	0.111	5.284	5.902	6.594	7.369	8.238
10.8	-0.330	0.102	5.145	5.668	6.264	6.946	7.732	-0.047	0.111	5.317	5.936	6.631	7.411	8.288
10.9	-0.327	0.102	5.167	5.694	6.295	6.982	7.773	-0.072	0.111	5.351	5.971	6.668	7.453	8.338
11.0	-0.324	0.102	5.190	5.720	6.325	7.017	7.814	-0.098	0.111	5.385	6.005	6.705	7.496	8.390
11.1	-0.321	0.102	5.212	5.746	6.355	7.053	7.855	-0.123	0.111	5.419	6.041	6.743	7.539	8.442
11.2	-0.318	0.103	5.234	5.772	6.385	7.087	7.895	-0.149	0.111	5.454	6.076	6.782	7.583	8.494
11.3	-0.316	0.103	5.256	5.797	6.415	7.122	7.935	-0.175	0.111	5.489	6.112	6.820	7.627	8.548
11.4	-0.313	0.103	5.277	5.823	6.444	7.156	7.974	-0.200	0.111	5.524	6.149	6.860	7.672	8.602
11.5	-0.310	0.103	5.298	5.847	6.473	7.190	8.014	-0.226	0.111	5.560	6.186	6.900	7.717	8.656
11.6	-0.307	0.104	5.319	5.872	6.502	7.223	8.053	-0.251	0.111	5.597	6.223	6.940	7.763	8.712
11.7	-0.305	0.104	5.340	5.896	6.530	7.256	8.091	-0.277	0.110	5.633	6.261	6.981	7.809	8.768
11.8	-0.302	0.104	5.360	5.919	6.558	7.288	8.129	-0.303	0.110	5.670	6.299	7.022	7.856	8.825
11.9	-0.299	0.104	5.379	5.943	6.585	7.321	8.166	-0.328	0.110	5.708	6.338	7.063	7.904	8.882
12.0	-0.296	0.104	5.399	5.966	6.612	7.352	8.203	-0.354	0.110	5.745	6.377	7.105	7.951	8.940
12.1	-0.293	0.105	5.418	5.988	6.639	7.383	8.240	-0.379	0.110	5.783	6.416	7.147	7.999	8.998
12.2	-0.291	0.105	5.436	6.010	6.665	7.414	8.276	-0.405	0.110	5.822	6.455	7.190	8.048	9.057
12.3	-0.288	0.105	5.455	6.032	6.690	7.444	8.311	-0.431	0.110	5.860	6.495	7.233	8.096	9.116
12.4	-0.285	0.105	5.472	6.053	6.716	7.474	8.346	-0.456	0.110	5.899	6.535	7.276	8.145	9.176
12.5	-0.282	0.106	5.490	6.074	6.740	7.503	8.381	-0.482	0.110	5.937	6.575	7.319	8.195	9.236
12.6	-0.279	0.106	5.507	6.095	6.765	7.532	8.415	-0.508	0.110	5.976	6.615	7.362	8.244	9.296
12.7	-0.277	0.106	5.524	6.115	6.789	7.561	8.448	-0.533	0.110	6.015	6.655	7.405	8.294	9.356
12.8	-0.274	0.106	5.540	6.134	6.812	7.588	8.481	-0.559	0.110	6.055	6.696	7.449	8.343	9.417
12.9	-0.271	0.107	5.556	6.153	6.835	7.616	8.513	-0.584	0.110	6.094	6.736	7.493	8.393	9.478
13.0	-0.268	0.107	5.571	6.172	6.858	7.643	8.545	-0.610	0.110	6.133	6.777	7.536	8.443	9.539
13.1	-0.266	0.107	5.586	6.190	6.880	7.669	8.576	-0.636	0.110	6.172	6.817	7.580	8.493	9.600
13.2	-0.263	0.107	5.601	6.208	6.901	7.695	8.607	-0.661	0.110	6.211	6.857	7.623	8.542	9.662
13.3	-0.260	0.108	5.615	6.225	6.922	7.720	8.637	-0.687	0.110	6.251	6.898	7.667	8.592	9.723
13.4	-0.257	0.108	5.629	6.242	6.943	7.745	8.667	-0.712	0.110	6.290	6.938	7.710	8.642	9.784
13.5	-0.254	0.108	5.642	6.259	6.963	7.769	8.696	-0.738	0.110	6.329	6.978	7.753	8.691	9.845
13.6	-0.252	0.108	5.655	6.275	6.982	7.793	8.724	-0.764	0.109	6.367	7.018	7.796	8.740	9.906
13.7	-0.249	0.109	5.668	6.291	7.002	7.816	8.752	-0.789	0.109	6.406	7.058	7.838	8.789	9.967
13.8	-0.246	0.109	5.680	6.306	7.020	7.839	8.779	-0.815	0.109	6.444	7.097	7.881	8.837	10.027
13.9	-0.243	0.109	5.692	6.321	7.039	7.861	8.806	-0.840	0.109	6.482	7.136	7.923	8.885	10.087
14.0	-0.241	0.109	5.703	6.335	7.056	7.882	8.832	-0.866	0.109	6.520	7.175	7.964	8.933	10.147
14.1	-0.238	0.109	5.714	6.349	7.074	7.904	8.858	-0.892	0.109	6.558	7.213	8.006	8.980	10.206
14.2	-0.235	0.110	5.725	6.363	7.091	7.924	8.883	-0.917	0.109	6.595	7.252	8.046	9.027	10.265
14.3	-0.232	0.110	5.735	6.376	7.107	7.945	8.907	-0.943	0.109	6.631	7.289	8.087	9.073	10.324
14.4	-0.229	0.110	5.745	6.388	7.123	7.965	8.931	-0.969	0.109	6.668	7.326	8.126	9.119	10.382
14.5	-0.227	0.110	5.754	6.401	7.139	7.984	8.955	-0.994	0.109	6.704	7.363	8.166	9.164	10.439
14.6	-0.224	0.111	5.763	6.413	7.154	8.003	8.978	-1.020	0.109	6.739	7.399	8.204	9.209	10.496
14.7	-0.221	0.111	5.772	6.424	7.169	8.021	9.001	-1.045	0.109	6.774	7.435	8.243	9.252	10.553
14.8	-0.218	0.111	5.781	6.436	7.183	8.039	9.023	-1.071	0.109	6.809	7.470	8.280	9.296	10.608
14.9	-0.215	0.111	5.789	6.447	7.197	8.057	9.045	-1.097	0.109	6.843	7.505	8.317	9.338	10.663
15.0	-0.213	0.112	5.797	6.457	7.211	8.074	9.066	-1.122	0.109	6.876	7.539	8.353	9.380	10.718
15.1	-0.210	0.112	5.804	6.467	7.224	8.091	9.087	-1.148	0.109	6.909	7.572	8.389	9.421	10.771
15.2	-0.207	0.112	5.811	6.477	7.237	8.107	9.107	-1.173	0.109	6.942	7.605	8.423	9.461	10.824
15.3	-0.204	0.112	5.818	6.487	7.250	8.123	9.127	-1.199	0.109	6.973	7.637	8.457	9.501	10.876
15.4	-0.202	0.113	5.825	6.496	7.262	8.139	9.146	-1.225	0.109	7.004	7.668	8.491	9.539	10.927
15.5	-0.199	0.113	5.831	6.505	7.274	8.154	9.166	-1.250	0.108	7.035	7.699	8.523	9.577	10.977
15.6	-0.196	0.113	5.837	6.513	7.285	8.169	9.184	-1.276	0.108	7.065	7.729	8.555	9.614	11.026
15.7	-0.193	0.113	5.843	6.522	7.297	8.184	9.203	-1.301	0.108	7.094	7.758	8.586	9.650	11.075
15.8	-0.190	0.114	5.849	6.530	7.308	8.198	9.221	-1.327	0.108	7.122	7.787	8.616	9.685	11.123
15.9	-0.188	0.114	5.854	6.538	7.318	8.212	9.239	-1.353	0.108	7.150	7.815	8.645	9.719	11.169
16.0	-0.185	0.114	5.859	6.545	7.329	8.226	9.256	-1.378	0.108	7.177	7.842	8.674	9.752	11.215
16.1	-0.182	0.115	5.864	6.553	7.339	8.239	9.273	-1.404	0.108	7.204	7.868	8.701	9.784	11.260
16.2	-0.179	0.115	5.869	6.560	7.349	8.253	9.290	-1.429	0.108	7.230	7.893	8.728	9.815	11.304
16.3	-0.177	0.115	5.873	6.567	7.359	8.265	9.307	-1.455	0.108	7.255	7.918	8.754	9.846	11.346
16.4	-0.174	0.115	5.877	6.573	7.368	8.278	9.323	-1.481	0.108	7.279	7.942	8.779	9.875	11.388
16.5	-0.171	0.116	5.881	6.580	7.377	8.291	9.339	-1.506	0.108	7.302	7.965	8.803	9.903	11.429
16.6	-0.168	0.116	5.885	6.586	7.386	8.303	9.355	-1.532	0.108	7.325	7.988	8.826	9.931	11.469
16.7	-0.165	0.116	5.889	6.592	7.395	8.315	9.370	-1.558	0.108	7.347	8.009	8.849	9.957	11.508
16.8	-0.163	0.116	5.892	6.598	7.404	8.326	9.385	-1.583	0.108	7.369	8.030	8.870	9.983	11.546
16.9	-0.160	0.117	5.895	6.603	7.412	8.338	9.400	-1.609	0.108	7.389	8.050	8.891	10.007	11.583
17.0	-0.157	0.117	5.899	6.609	7.420	8.349	9.415	-1.634	0.108	7.409	8.069	8.910	10.030	11.619
17.1	-0.154	0.117	5.901	6.614	7.428	8.360	9.429	-1.660	0.108	7.428	8.087	8.929	10.053	11.654
17.2	-0.151	0.117	5.904	6.619	7.436	8.371	9.443	-1.686	0.108	7.447	8.105	8.947	10.074	11.688

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.3	-0.149	0.118	5.907	6.624	7.443	8.381	9.457	-1.711	0.108	7.464	8.122	8.964	10.095	11.720
17.4	-0.146	0.118	5.909	6.629	7.451	8.392	9.471	-1.737	0.107	7.481	8.138	8.980	10.115	11.753
17.5	-0.143	0.118	5.911	6.633	7.458	8.402	9.485	-1.762	0.107	7.498	8.153	8.996	10.133	11.784
17.6	-0.140	0.118	5.913	6.638	7.465	8.412	9.498	-1.788	0.107	7.513	8.167	9.010	10.151	11.814
17.7	-0.138	0.119	5.915	6.642	7.472	8.421	9.511	-1.814	0.107	7.528	8.181	9.024	10.168	11.843
17.8	-0.135	0.119	5.917	6.646	7.478	8.431	9.524	-1.839	0.107	7.542	8.194	9.037	10.184	11.871
17.9	-0.132	0.119	5.918	6.650	7.485	8.440	9.536	-1.865	0.107	7.556	8.207	9.049	10.199	11.899
18.0	-0.129	0.119	5.920	6.653	7.491	8.449	9.549	-1.890	0.107	7.569	8.218	9.060	10.213	11.925
18.1	-0.126	0.120	5.921	6.657	7.497	8.458	9.561	-1.916	0.107	7.581	8.229	9.071	10.226	11.951
18.2	-0.124	0.120	5.922	6.660	7.503	8.467	9.573	-1.942	0.107	7.592	8.239	9.081	10.239	11.976
18.3	-0.121	0.120	5.923	6.663	7.509	8.476	9.585	-1.967	0.107	7.603	8.249	9.090	10.250	12.000
18.4	-0.118	0.121	5.924	6.666	7.514	8.484	9.597	-1.993	0.107	7.614	8.258	9.098	10.261	12.023
18.5	-0.115	0.121	5.925	6.669	7.520	8.493	9.608	-2.019	0.107	7.623	8.266	9.106	10.271	12.046
18.6	-0.113	0.121	5.925	6.672	7.525	8.501	9.619	-2.044	0.107	7.633	8.274	9.113	10.281	12.068
18.7	-0.110	0.121	5.926	6.675	7.530	8.509	9.631	-2.070	0.107	7.641	8.281	9.120	10.289	12.090
18.8	-0.107	0.122	5.926	6.677	7.535	8.517	9.642	-2.095	0.107	7.650	8.288	9.126	10.298	12.111
18.9	-0.104	0.122	5.926	6.680	7.540	8.524	9.652	-2.121	0.107	7.657	8.294	9.131	10.305	12.131
19.0	-0.101	0.122	5.927	6.682	7.545	8.532	9.663	-2.147	0.107	7.665	8.300	9.136	10.312	12.151
19.1	-0.099	0.122	5.927	6.684	7.549	8.539	9.674	-2.172	0.107	7.672	8.305	9.140	10.318	12.170
19.2	-0.096	0.123	5.926	6.686	7.554	8.547	9.684	-2.198	0.107	7.678	8.310	9.144	10.324	12.189
19.3	-0.093	0.123	5.926	6.688	7.558	8.554	9.694	-2.223	0.106	7.684	8.314	9.148	10.330	12.207
19.4	-0.090	0.123	5.926	6.690	7.563	8.561	9.705	-2.249	0.106	7.690	8.318	9.151	10.335	12.226
19.5	-0.087	0.124	5.926	6.692	7.567	8.568	9.715	-2.275	0.106	7.696	8.322	9.154	10.339	12.244
19.6	-0.085	0.124	5.925	6.693	7.571	8.575	9.725	-2.300	0.106	7.701	8.326	9.156	10.344	12.261
19.7	-0.082	0.124	5.925	6.695	7.575	8.582	9.735	-2.326	0.106	7.706	8.329	9.159	10.348	12.279
19.8	-0.079	0.124	5.924	6.697	7.579	8.589	9.744	-2.351	0.106	7.711	8.332	9.161	10.351	12.296
19.9	-0.076	0.125	5.923	6.698	7.583	8.595	9.754	-2.377	0.106	7.715	8.335	9.162	10.355	12.314
20.0	-0.074	0.125	5.923	6.700	7.587	8.602	9.764	-2.403	0.106	7.720	8.337	9.164	10.358	12.331

Table S26. Fat Mass Index, kg/m^2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.323	0.219	2.649	3.230	3.991	5.009	6.400	-0.270	0.205	2.345	2.835	3.461	4.275	5.348
5.1	-0.322	0.221	2.646	3.231	4.001	5.033	6.448	-0.272	0.208	2.327	2.819	3.452	4.277	5.371
5.2	-0.322	0.223	2.643	3.233	4.011	5.057	6.496	-0.274	0.211	2.309	2.804	3.443	4.280	5.395
5.3	-0.322	0.225	2.639	3.235	4.021	5.081	6.544	-0.276	0.214	2.290	2.789	3.434	4.284	5.420
5.4	-0.321	0.228	2.636	3.236	4.031	5.106	6.593	-0.279	0.217	2.272	2.774	3.426	4.287	5.446
5.5	-0.321	0.230	2.633	3.238	4.041	5.130	6.643	-0.281	0.221	2.254	2.759	3.418	4.292	5.474
5.6	-0.320	0.232	2.629	3.239	4.051	5.156	6.694	-0.283	0.224	2.237	2.744	3.410	4.297	5.503
5.7	-0.320	0.234	2.625	3.241	4.062	5.181	6.746	-0.285	0.227	2.219	2.730	3.402	4.303	5.534
5.8	-0.319	0.236	2.622	3.242	4.072	5.206	6.798	-0.287	0.230	2.202	2.716	3.395	4.309	5.566
5.9	-0.319	0.239	2.618	3.244	4.082	5.232	6.851	-0.289	0.234	2.186	2.703	3.389	4.317	5.600
6.0	-0.319	0.241	2.614	3.245	4.093	5.259	6.905	-0.291	0.237	2.169	2.690	3.383	4.325	5.636
6.1	-0.318	0.243	2.611	3.246	4.103	5.285	6.960	-0.294	0.241	2.153	2.677	3.378	4.335	5.674
6.2	-0.318	0.245	2.607	3.248	4.114	5.312	7.016	-0.296	0.244	2.138	2.665	3.373	4.346	5.715
6.3	-0.317	0.248	2.603	3.249	4.124	5.339	7.073	-0.298	0.248	2.123	2.653	3.369	4.358	5.757
6.4	-0.317	0.250	2.599	3.251	4.135	5.367	7.130	-0.300	0.251	2.109	2.643	3.367	4.371	5.802
6.5	-0.317	0.253	2.595	3.252	4.146	5.394	7.189	-0.302	0.255	2.095	2.633	3.365	4.386	5.850
6.6	-0.316	0.255	2.592	3.253	4.157	5.423	7.248	-0.304	0.258	2.082	2.623	3.364	4.402	5.901
6.7	-0.316	0.257	2.588	3.255	4.168	5.451	7.308	-0.306	0.262	2.069	2.615	3.364	4.420	5.955
6.8	-0.315	0.260	2.584	3.257	4.180	5.480	7.369	-0.309	0.266	2.058	2.607	3.365	4.440	6.012
6.9	-0.315	0.262	2.580	3.258	4.191	5.509	7.432	-0.311	0.269	2.047	2.600	3.368	4.462	6.073
7.0	-0.315	0.264	2.577	3.260	4.203	5.539	7.495	-0.313	0.273	2.037	2.595	3.372	4.486	6.137
7.1	-0.314	0.267	2.573	3.262	4.214	5.569	7.559	-0.315	0.277	2.027	2.590	3.377	4.511	6.204
7.2	-0.314	0.269	2.570	3.264	4.226	5.599	7.623	-0.317	0.281	2.018	2.585	3.383	4.538	6.274
7.3	-0.313	0.272	2.566	3.266	4.238	5.630	7.689	-0.319	0.284	2.010	2.582	3.390	4.567	6.348
7.4	-0.313	0.274	2.563	3.268	4.251	5.661	7.755	-0.321	0.288	2.003	2.580	3.398	4.597	6.426
7.5	-0.313	0.276	2.560	3.270	4.263	5.692	7.822	-0.324	0.292	1.997	2.578	3.408	4.630	6.507
7.6	-0.312	0.279	2.557	3.272	4.275	5.724	7.890	-0.326	0.296	1.991	2.578	3.418	4.664	6.591
7.7	-0.312	0.281	2.554	3.275	4.288	5.756	7.959	-0.328	0.299	1.986	2.578	3.430	4.700	6.679
7.8	-0.311	0.284	2.551	3.277	4.301	5.788	8.028	-0.330	0.303	1.981	2.579	3.443	4.738	6.770
7.9	-0.311	0.286	2.548	3.280	4.314	5.820	8.098	-0.332	0.307	1.978	2.581	3.457	4.777	6.864
8.0	-0.311	0.288	2.545	3.282	4.327	5.853	8.168	-0.334	0.310	1.975	2.584	3.471	4.818	6.961
8.1	-0.310	0.291	2.543	3.285	4.340	5.885	8.239	-0.336	0.314	1.972	2.587	3.487	4.860	7.061
8.2	-0.310	0.293	2.541	3.288	4.353	5.918	8.311	-0.339	0.318	1.971	2.591	3.503	4.903	7.164
8.3	-0.309	0.295	2.538	3.292	4.366	5.951	8.382	-0.341	0.321	1.969	2.595	3.520	4.947	7.270
8.4	-0.309	0.298	2.536	3.295	4.380	5.984	8.454	-0.343	0.325	1.968	2.600	3.538	4.992	7.377
8.5	-0.309	0.300	2.534	3.298	4.393	6.018	8.526	-0.345	0.328	1.968	2.606	3.556	5.039	7.487
8.6	-0.308	0.302	2.533	3.302	4.407	6.051	8.598	-0.347	0.332	1.968	2.612	3.575	5.085	7.599
8.7	-0.308	0.304	2.531	3.306	4.421	6.084	8.671	-0.349	0.335	1.968	2.618	3.594	5.133	7.712
8.8	-0.307	0.306	2.530	3.309	4.435	6.118	8.743	-0.351	0.338	1.969	2.625	3.613	5.181	7.826
8.9	-0.307	0.308	2.529	3.314	4.449	6.151	8.815	-0.354	0.342	1.970	2.631	3.633	5.229	7.942
9.0	-0.307	0.310	2.528	3.318	4.463	6.185	8.888	-0.356	0.345	1.971	2.638	3.652	5.277	8.058
9.1	-0.306	0.312	2.527	3.322	4.477	6.218	8.960	-0.358	0.348	1.972	2.645	3.672	5.325	8.175
9.2	-0.306	0.314	2.527	3.327	4.492	6.252	9.031	-0.360	0.351	1.974	2.652	3.691	5.372	8.292
9.3	-0.305	0.316	2.527	3.332	4.506	6.285	9.102	-0.362	0.354	1.976	2.659	3.710	5.419	8.408
9.4	-0.305	0.318	2.527	3.336	4.521	6.318	9.173	-0.364	0.357	1.977	2.666	3.729	5.466	8.524
9.5	-0.305	0.320	2.527	3.342	4.535	6.351	9.243	-0.366	0.360	1.979	2.673	3.748	5.512	8.639
9.6	-0.304	0.322	2.528	3.347	4.550	6.384	9.313	-0.369	0.362	1.981	2.680	3.766	5.557	8.753
9.7	-0.304	0.324	2.529	3.353	4.565	6.417	9.382	-0.371	0.365	1.982	2.686	3.783	5.600	8.865
9.8	-0.303	0.325	2.530	3.359	4.580	6.449	9.450	-0.373	0.368	1.984	2.692	3.799	5.643	8.975
9.9	-0.303	0.327	2.531	3.365	4.595	6.482	9.517	-0.375	0.370	1.985	2.698	3.815	5.684	9.083
10.0	-0.303	0.328	2.533	3.371	4.610	6.514	9.584	-0.377	0.373	1.986	2.703	3.830	5.723	9.188
10.1	-0.302	0.330	2.535	3.378	4.625	6.546	9.649	-0.379	0.375	1.987	2.708	3.844	5.761	9.291
10.2	-0.302	0.331	2.537	3.385	4.640	6.577	9.713	-0.381	0.377	1.988	2.712	3.858	5.797	9.391
10.3	-0.301	0.332	2.540	3.392	4.656	6.609	9.777	-0.384	0.379	1.988	2.715	3.870	5.831	9.487
10.4	-0.301	0.334	2.543	3.399	4.672	6.640	9.839	-0.386	0.381	1.988	2.718	3.881	5.863	9.579
10.5	-0.300	0.335	2.547	3.407	4.687	6.671	9.899	-0.388	0.383	1.988	2.721	3.890	5.892	9.667
10.6	-0.300	0.336	2.551	3.415	4.703	6.701	9.959	-0.390	0.385	1.987	2.723	3.899	5.920	9.752
10.7	-0.300	0.337	2.555	3.424	4.719	6.732	10.017	-0.392	0.387	1.986	2.724	3.906	5.945	9.831
10.8	-0.299	0.338	2.559	3.433	4.736	6.762	10.074	-0.394	0.389	1.985	2.724	3.912	5.967	9.906
10.9	-0.299	0.339	2.564	3.442	4.752	6.792	10.130	-0.396	0.391	1.983	2.724	3.916	5.987	9.977
11.0	-0.298	0.339	2.570	3.451	4.769	6.821	10.184	-0.399	0.392	1.980	2.722	3.920	6.005	10.042
11.1	-0.298	0.340	2.576	3.461	4.786	6.851	10.237	-0.401	0.394	1.978	2.720	3.921	6.020	10.102
11.2	-0.298	0.341	2.582	3.472	4.803	6.880	10.289	-0.403	0.395	1.974	2.718	3.922	6.032	10.158
11.3	-0.297	0.341	2.589	3.482	4.820	6.909	10.340	-0.405	0.397	1.971	2.714	3.921	6.042	10.208
11.4	-0.297	0.342	2.596	3.494	4.838	6.938	10.389	-0.407	0.398	1.967	2.710	3.918	6.048	10.252
11.5	-0.296	0.342	2.604	3.505	4.856	6.967	10.436	-0.409	0.399	1.962	2.705	3.914	6.053	10.291
11.6	-0.296	0.343	2.612	3.517	4.874	6.995	10.483	-0.411	0.400	1.957	2.699	3.909	6.054	10.325
11.7	-0.296	0.343	2.621	3.530	4.893	7.024	10.528	-0.414	0.401	1.951	2.692	3.902	6.053	10.353
11.8	-0.295	0.343	2.630	3.543	4.912	7.052	10.573	-0.416	0.402	1.945	2.684	3.894	6.050	10.376
11.9	-0.295	0.343	2.640	3.556	4.931	7.081	10.616	-0.418	0.403	1.938	2.676	3.885	6.043	10.394
12.0	-0.294	0.343	2.650	3.570	4.951	7.109	10.658	-0.420	0.404	1.932	2.667	3.875	6.035	10.406
12.1	-0.294	0.343	2.660	3.585	4.971	7.137	10.699	-0.422	0.405	1.924	2.658	3.863	6.024	10.414
12.2	-0.294	0.343	2.671	3.600	4.991	7.166	10.739	-0.424	0.406	1.917	2.648	3.850	6.011	10.416
12.3	-0.293	0.343	2.683	3.615	5.012	7.194	10.778	-0.426	0.407	1.909	2.637	3.836	5.996	10.414
12.4	-0.293	0.343	2.695	3.631	5.033	7.223	10.817	-0.429	0.407	1.900	2.625	3.822	5.979	10.407
12.5	-0.292	0.342	2.708	3.647	5.055	7.251	10.855	-0.431	0.408	1.892	2.614	3.806	5.960	10.396

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
12.6	-0.292	0.342	2.721	3.664	5.077	7.280	10.891	-0.433	0.408	1.883	2.601	3.789	5.939	10.380
12.7	-0.292	0.342	2.734	3.681	5.099	7.308	10.928	-0.435	0.409	1.874	2.589	3.771	5.916	10.360
12.8	-0.291	0.341	2.748	3.699	5.122	7.337	10.963	-0.437	0.409	1.864	2.576	3.753	5.892	10.337
12.9	-0.291	0.341	2.762	3.717	5.145	7.366	10.999	-0.439	0.410	1.855	2.562	3.735	5.866	10.310
13.0	-0.290	0.340	2.777	3.736	5.168	7.396	11.033	-0.441	0.410	1.845	2.549	3.715	5.840	10.279
13.1	-0.290	0.340	2.792	3.755	5.192	7.425	11.067	-0.443	0.410	1.836	2.535	3.696	5.812	10.246
13.2	-0.290	0.339	2.808	3.774	5.216	7.454	11.101	-0.446	0.410	1.826	2.522	3.676	5.783	10.210
13.3	-0.289	0.339	2.824	3.794	5.241	7.484	11.135	-0.448	0.410	1.817	2.508	3.656	5.754	10.172
13.4	-0.289	0.338	2.840	3.814	5.266	7.514	11.168	-0.450	0.411	1.808	2.494	3.635	5.724	10.132
13.5	-0.288	0.337	2.857	3.835	5.291	7.544	11.201	-0.452	0.411	1.798	2.481	3.615	5.693	10.089
13.6	-0.288	0.337	2.873	3.856	5.316	7.574	11.234	-0.454	0.411	1.789	2.467	3.595	5.663	10.045
13.7	-0.288	0.336	2.891	3.877	5.342	7.605	11.267	-0.456	0.410	1.780	2.454	3.575	5.632	10.000
13.8	-0.287	0.335	2.908	3.898	5.368	7.635	11.300	-0.458	0.410	1.771	2.441	3.555	5.601	9.954
13.9	-0.287	0.334	2.926	3.920	5.394	7.666	11.333	-0.461	0.410	1.763	2.428	3.535	5.570	9.907
14.0	-0.286	0.334	2.944	3.942	5.421	7.697	11.366	-0.463	0.410	1.755	2.416	3.516	5.540	9.859
14.1	-0.286	0.333	2.962	3.964	5.447	7.728	11.399	-0.465	0.410	1.747	2.404	3.497	5.510	9.812
14.2	-0.286	0.332	2.980	3.986	5.474	7.759	11.432	-0.467	0.409	1.739	2.392	3.479	5.480	9.764
14.3	-0.285	0.331	2.998	4.009	5.501	7.791	11.465	-0.469	0.409	1.732	2.381	3.462	5.452	9.717
14.4	-0.285	0.331	3.017	4.031	5.528	7.822	11.498	-0.471	0.409	1.725	2.370	3.445	5.424	9.670
14.5	-0.284	0.330	3.036	4.054	5.556	7.854	11.532	-0.473	0.408	1.719	2.361	3.428	5.397	9.624
14.6	-0.284	0.329	3.054	4.076	5.583	7.886	11.566	-0.476	0.408	1.713	2.351	3.413	5.370	9.579
14.7	-0.284	0.328	3.073	4.099	5.610	7.918	11.600	-0.478	0.407	1.708	2.342	3.399	5.345	9.535
14.8	-0.283	0.328	3.091	4.122	5.638	7.950	11.635	-0.480	0.407	1.703	2.334	3.385	5.322	9.493
14.9	-0.283	0.327	3.110	4.145	5.666	7.983	11.670	-0.482	0.406	1.699	2.327	3.372	5.299	9.453
15.0	-0.282	0.326	3.129	4.167	5.693	8.015	11.705	-0.484	0.406	1.695	2.320	3.360	5.278	9.414
15.1	-0.282	0.325	3.147	4.190	5.721	8.048	11.741	-0.486	0.405	1.692	2.314	3.349	5.258	9.377
15.2	-0.281	0.325	3.166	4.213	5.748	8.080	11.777	-0.488	0.404	1.689	2.309	3.340	5.240	9.343
15.3	-0.281	0.324	3.184	4.235	5.776	8.113	11.814	-0.491	0.404	1.687	2.305	3.331	5.223	9.311
15.4	-0.281	0.324	3.202	4.258	5.803	8.146	11.851	-0.493	0.403	1.686	2.301	3.324	5.208	9.281
15.5	-0.280	0.323	3.220	4.280	5.830	8.179	11.889	-0.495	0.402	1.685	2.299	3.317	5.195	9.254
15.6	-0.280	0.322	3.238	4.302	5.858	8.212	11.927	-0.497	0.402	1.685	2.296	3.312	5.183	9.230
15.7	-0.279	0.322	3.256	4.324	5.885	8.246	11.966	-0.499	0.401	1.685	2.295	3.308	5.173	9.209
15.8	-0.279	0.321	3.273	4.346	5.912	8.279	12.006	-0.501	0.400	1.686	2.295	3.305	5.165	9.191
15.9	-0.279	0.321	3.291	4.367	5.939	8.312	12.046	-0.503	0.399	1.688	2.295	3.303	5.159	9.176
16.0	-0.278	0.321	3.308	4.389	5.966	8.346	12.087	-0.506	0.399	1.690	2.296	3.302	5.154	9.164
16.1	-0.278	0.320	3.324	4.410	5.993	8.380	12.128	-0.508	0.398	1.693	2.298	3.303	5.151	9.156
16.2	-0.277	0.320	3.341	4.431	6.019	8.413	12.170	-0.510	0.397	1.696	2.301	3.304	5.151	9.151
16.3	-0.277	0.319	3.357	4.451	6.046	8.447	12.213	-0.512	0.397	1.700	2.305	3.307	5.152	9.150
16.4	-0.277	0.319	3.373	4.472	6.072	8.481	12.257	-0.514	0.396	1.704	2.309	3.311	5.155	9.152
16.5	-0.276	0.319	3.389	4.492	6.098	8.515	12.301	-0.516	0.395	1.709	2.314	3.316	5.160	9.158
16.6	-0.276	0.319	3.404	4.512	6.124	8.549	12.347	-0.518	0.395	1.714	2.320	3.322	5.166	9.168
16.7	-0.275	0.319	3.419	4.531	6.150	8.584	12.392	-0.521	0.394	1.720	2.327	3.330	5.175	9.181
16.8	-0.275	0.318	3.434	4.551	6.175	8.618	12.439	-0.523	0.393	1.727	2.334	3.338	5.185	9.198
16.9	-0.275	0.318	3.448	4.570	6.201	8.653	12.487	-0.525	0.393	1.734	2.342	3.347	5.197	9.219
17.0	-0.274	0.318	3.462	4.588	6.226	8.687	12.535	-0.527	0.392	1.741	2.351	3.358	5.211	9.243
17.1	-0.274	0.318	3.476	4.607	6.251	8.722	12.584	-0.529	0.392	1.749	2.360	3.369	5.227	9.272
17.2	-0.273	0.318	3.490	4.625	6.276	8.757	12.633	-0.531	0.391	1.757	2.370	3.382	5.245	9.304
17.3	-0.273	0.318	3.503	4.643	6.301	8.792	12.684	-0.533	0.391	1.766	2.380	3.395	5.263	9.339
17.4	-0.273	0.319	3.516	4.661	6.326	8.827	12.735	-0.536	0.391	1.775	2.391	3.409	5.284	9.378
17.5	-0.272	0.319	3.528	4.678	6.350	8.862	12.786	-0.538	0.390	1.784	2.403	3.424	5.306	9.421
17.6	-0.272	0.319	3.541	4.695	6.374	8.897	12.839	-0.540	0.390	1.794	2.414	3.440	5.329	9.466
17.7	-0.271	0.319	3.553	4.712	6.399	8.933	12.892	-0.542	0.390	1.804	2.427	3.456	5.354	9.515
17.8	-0.271	0.319	3.564	4.729	6.422	8.968	12.945	-0.544	0.389	1.814	2.439	3.473	5.380	9.566
17.9	-0.271	0.319	3.576	4.745	6.446	9.003	12.999	-0.546	0.389	1.824	2.452	3.490	5.406	9.620
18.0	-0.270	0.320	3.587	4.761	6.470	9.039	13.054	-0.548	0.389	1.835	2.465	3.508	5.434	9.678
18.1	-0.270	0.320	3.598	4.777	6.493	9.074	13.109	-0.551	0.389	1.846	2.479	3.526	5.463	9.737
18.2	-0.269	0.320	3.609	4.793	6.517	9.110	13.165	-0.553	0.389	1.856	2.493	3.545	5.493	9.800
18.3	-0.269	0.321	3.619	4.808	6.540	9.145	13.221	-0.555	0.389	1.867	2.507	3.564	5.524	9.864
18.4	-0.269	0.321	3.630	4.824	6.563	9.181	13.277	-0.557	0.389	1.878	2.521	3.584	5.555	9.931
18.5	-0.268	0.321	3.640	4.838	6.585	9.216	13.334	-0.559	0.389	1.889	2.535	3.604	5.587	10.000
18.6	-0.268	0.322	3.649	4.853	6.608	9.251	13.391	-0.561	0.389	1.900	2.549	3.624	5.619	10.071
18.7	-0.267	0.322	3.659	4.868	6.630	9.287	13.449	-0.563	0.389	1.911	2.563	3.644	5.652	10.143
18.8	-0.267	0.323	3.668	4.882	6.653	9.322	13.506	-0.566	0.389	1.922	2.577	3.664	5.686	10.218
18.9	-0.267	0.323	3.677	4.896	6.675	9.357	13.564	-0.568	0.389	1.933	2.592	3.684	5.719	10.293
19.0	-0.266	0.324	3.686	4.910	6.697	9.392	13.622	-0.570	0.389	1.944	2.606	3.704	5.753	10.370
19.1	-0.266	0.324	3.695	4.924	6.718	9.427	13.680	-0.572	0.390	1.955	2.620	3.724	5.787	10.449
19.2	-0.265	0.324	3.703	4.937	6.740	9.462	13.738	-0.574	0.390	1.966	2.634	3.745	5.822	10.528
19.3	-0.265	0.325	3.712	4.950	6.761	9.497	13.797	-0.576	0.390	1.977	2.648	3.765	5.856	10.609
19.4	-0.265	0.325	3.720	4.963	6.782	9.532	13.855	-0.578	0.390	1.988	2.662	3.785	5.891	10.691
19.5	-0.264	0.326	3.728	4.976	6.803	9.566	13.913	-0.581	0.391	1.998	2.676	3.805	5.926	10.773
19.6	-0.264	0.326	3.736	4.989	6.824	9.601	13.972	-0.583	0.391	2.009	2.690	3.826	5.961	10.857
19.7	-0.263	0.327	3.744	5.002	6.845	9.635	14.030	-0.585	0.391	2.020	2.704	3.846	5.996	10.941
19.8	-0.263	0.328	3.751	5.014	6.865	9.669	14.088	-0.587	0.391	2.030	2.718	3.866	6.031	11.026
19.9	-0.262	0.328	3.759	5.026	6.885	9.703	14.146	-0.589	0.392	2.041	2.732	3.886	6.066	11.111
20.0	-0.262	0.329	3.766	5.039	6.905	9.737	14.204	-0.591	0.392	2.051	2.746	3.906	6.101	11.197
Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.194	0.255	2.316	2.937	3.767	4.893	6.445	-0.805	0.227	1.985	2.373	2.922	3.754	5.137
5.1	-0.194	0.257	2.311	2.936	3.774	4.913	6.488	-0.802	0.230	1.980	2.371	2.928	3.774	5.192
5.2	-0.194	0.259	2.306	2.935	3.780	4.933	6.531	-0.799	0.233	1.975	2.370	2.933	3.794	5.248
5.3	-0.194	0.262	2.301	2.934	3.787	4.953	6.574	-0.796	0.236	1.969	2.368	2.939	3.815	5.305
5.4	-0.194	0.264	2.296	2.933	3.793	4.973	6.618	-0.793	0.239	1.964	2.366	2.944	3.836	5.363
5.5	-0.194	0.266	2.290	2.932	3.800	4.994	6.663	-0.790	0.242	1.958	2.364	2.950	3.857	5.423
5.6	-0.194	0.268	2.285	2.931	3.807	5.015	6.708	-0.787	0.245	1.953	2.362	2.955	3.879	5.484
5.7	-0.194	0.271	2.280	2.930	3.814	5.036	6.755	-0.784	0.248	1.947	2.360	2.961	3.900	5.547
5.8	-0.193	0.273	2.275	2.930	3.822	5.058	6.802	-0.781	0.251	1.941	2.358	2.966	3.923	5.612
5.9	-0.193	0.275	2.270	2.929	3.829	5.080	6.850	-0.778	0.254	1.936	2.356	2.972	3.945	5.678
6.0	-0.193	0.277	2.265	2.928	3.837	5.102	6.899	-0.775	0.258	1.930	2.354	2.977	3.968	5.745
6.1	-0.193	0.280	2.260	2.928	3.845	5.125	6.949	-0.772	0.261	1.924	2.352	2.983	3.991	5.814
6.2	-0.193	0.282	2.256	2.928	3.853	5.149	7.000	-0.769	0.264	1.918	2.350	2.988	4.015	5.885
6.3	-0.193	0.284	2.251	2.927	3.861	5.173	7.052	-0.766	0.267	1.912	2.347	2.994	4.038	5.957
6.4	-0.193	0.287	2.246	2.927	3.870	5.197	7.106	-0.763	0.271	1.906	2.345	3.000	4.062	6.031
6.5	-0.193	0.289	2.242	2.928	3.879	5.222	7.160	-0.760	0.274	1.900	2.343	3.005	4.087	6.107
6.6	-0.193	0.291	2.238	2.928	3.888	5.248	7.215	-0.757	0.277	1.894	2.341	3.011	4.111	6.185
6.7	-0.193	0.294	2.234	2.929	3.898	5.274	7.272	-0.754	0.281	1.888	2.338	3.017	4.136	6.264
6.8	-0.193	0.296	2.230	2.930	3.908	5.301	7.330	-0.751	0.284	1.883	2.336	3.023	4.162	6.345
6.9	-0.193	0.299	2.227	2.931	3.918	5.329	7.388	-0.748	0.288	1.877	2.334	3.028	4.187	6.427
7.0	-0.193	0.301	2.223	2.933	3.929	5.357	7.449	-0.745	0.291	1.871	2.331	3.034	4.213	6.512
7.1	-0.193	0.303	2.220	2.934	3.940	5.385	7.510	-0.742	0.295	1.865	2.329	3.040	4.239	6.597
7.2	-0.192	0.306	2.217	2.936	3.952	5.415	7.572	-0.739	0.298	1.859	2.327	3.046	4.266	6.685
7.3	-0.192	0.308	2.215	2.939	3.964	5.445	7.635	-0.737	0.301	1.853	2.325	3.052	4.292	6.774
7.4	-0.192	0.310	2.212	2.941	3.976	5.475	7.700	-0.734	0.305	1.847	2.322	3.058	4.319	6.865
7.5	-0.192	0.313	2.210	2.944	3.989	5.506	7.765	-0.731	0.308	1.842	2.320	3.064	4.346	6.957
7.6	-0.192	0.315	2.208	2.948	4.002	5.538	7.832	-0.729	0.312	1.836	2.318	3.070	4.373	7.051
7.7	-0.192	0.317	2.207	2.951	4.016	5.570	7.899	-0.726	0.315	1.830	2.316	3.076	4.400	7.146
7.8	-0.192	0.319	2.206	2.955	4.030	5.603	7.967	-0.723	0.319	1.825	2.314	3.082	4.427	7.243
7.9	-0.192	0.322	2.205	2.960	4.044	5.637	8.036	-0.721	0.322	1.819	2.311	3.088	4.455	7.340
8.0	-0.192	0.324	2.204	2.964	4.059	5.671	8.106	-0.718	0.325	1.814	2.309	3.094	4.482	7.440
8.1	-0.192	0.326	2.204	2.969	4.074	5.705	8.177	-0.716	0.329	1.808	2.307	3.099	4.509	7.540
8.2	-0.192	0.328	2.204	2.975	4.090	5.740	8.248	-0.713	0.332	1.803	2.305	3.105	4.537	7.641
8.3	-0.192	0.330	2.204	2.981	4.106	5.775	8.320	-0.711	0.336	1.797	2.302	3.111	4.564	7.743
8.4	-0.192	0.332	2.205	2.987	4.122	5.811	8.392	-0.709	0.339	1.792	2.300	3.116	4.591	7.846
8.5	-0.192	0.334	2.206	2.993	4.139	5.847	8.465	-0.706	0.342	1.786	2.298	3.122	4.618	7.950
8.6	-0.191	0.336	2.207	3.000	4.156	5.883	8.538	-0.704	0.345	1.781	2.295	3.127	4.645	8.054
8.7	-0.191	0.338	2.209	3.007	4.173	5.920	8.611	-0.702	0.349	1.776	2.293	3.132	4.671	8.159
8.8	-0.191	0.340	2.211	3.015	4.191	5.957	8.684	-0.700	0.352	1.771	2.291	3.137	4.697	8.264
8.9	-0.191	0.342	2.214	3.023	4.209	5.994	8.758	-0.698	0.355	1.766	2.288	3.142	4.723	8.370
9.0	-0.191	0.344	2.217	3.031	4.227	6.032	8.832	-0.696	0.358	1.760	2.286	3.147	4.749	8.475
9.1	-0.191	0.345	2.220	3.039	4.246	6.069	8.905	-0.695	0.361	1.755	2.283	3.151	4.774	8.581
9.2	-0.191	0.347	2.223	3.048	4.265	6.107	8.979	-0.693	0.364	1.750	2.281	3.155	4.799	8.686
9.3	-0.191	0.349	2.227	3.058	4.285	6.145	9.052	-0.691	0.367	1.745	2.278	3.159	4.823	8.791
9.4	-0.191	0.350	2.231	3.067	4.304	6.183	9.125	-0.690	0.370	1.740	2.276	3.163	4.847	8.896
9.5	-0.191	0.351	2.236	3.077	4.324	6.222	9.198	-0.688	0.373	1.735	2.273	3.167	4.870	9.000
9.6	-0.191	0.353	2.241	3.087	4.344	6.260	9.271	-0.687	0.375	1.731	2.270	3.170	4.893	9.104
9.7	-0.191	0.354	2.246	3.098	4.365	6.298	9.343	-0.685	0.378	1.726	2.267	3.173	4.914	9.206
9.8	-0.191	0.355	2.252	3.109	4.385	6.337	9.414	-0.684	0.381	1.721	2.264	3.176	4.936	9.308
9.9	-0.191	0.357	2.258	3.121	4.407	6.375	9.486	-0.683	0.383	1.716	2.261	3.178	4.956	9.409
10.0	-0.191	0.358	2.264	3.132	4.428	6.414	9.556	-0.682	0.386	1.711	2.258	3.181	4.976	9.508
10.1	-0.190	0.359	2.271	3.145	4.450	6.453	9.626	-0.681	0.388	1.706	2.255	3.183	4.995	9.606
10.2	-0.190	0.360	2.278	3.157	4.471	6.491	9.696	-0.680	0.391	1.702	2.252	3.184	5.014	9.702
10.3	-0.190	0.361	2.285	3.170	4.494	6.530	9.764	-0.679	0.393	1.697	2.249	3.185	5.031	9.796
10.4	-0.190	0.362	2.293	3.183	4.516	6.569	9.833	-0.679	0.395	1.693	2.245	3.186	5.048	9.889
10.5	-0.190	0.362	2.302	3.197	4.539	6.607	9.900	-0.678	0.397	1.688	2.242	3.187	5.063	9.979
10.6	-0.190	0.363	2.311	3.211	4.562	6.646	9.967	-0.678	0.399	1.683	2.238	3.187	5.078	10.067
10.7	-0.190	0.364	2.320	3.226	4.585	6.685	10.033	-0.677	0.401	1.679	2.235	3.187	5.092	10.153
10.8	-0.190	0.364	2.329	3.241	4.609	6.723	10.098	-0.677	0.403	1.674	2.231	3.187	5.105	10.236
10.9	-0.190	0.365	2.339	3.256	4.633	6.762	10.162	-0.677	0.405	1.670	2.227	3.186	5.117	10.317
11.0	-0.190	0.365	2.350	3.272	4.658	6.801	10.226	-0.677	0.407	1.666	2.224	3.185	5.128	10.394
11.1	-0.190	0.366	2.361	3.288	4.682	6.840	10.289	-0.677	0.409	1.661	2.220	3.184	5.137	10.469
11.2	-0.190	0.366	2.372	3.305	4.707	6.878	10.351	-0.677	0.410	1.657	2.216	3.182	5.146	10.541
11.3	-0.190	0.366	2.384	3.322	4.733	6.917	10.412	-0.677	0.412	1.653	2.212	3.181	5.154	10.609
11.4	-0.190	0.366	2.396	3.339	4.759	6.956	10.473	-0.677	0.413	1.649	2.208	3.178	5.161	10.674
11.5	-0.189	0.366	2.409	3.357	4.785	6.995	10.533	-0.678	0.415	1.645	2.204	3.176	5.167	10.735
11.6	-0.189	0.366	2.422	3.376	4.811	7.034	10.592	-0.678	0.416	1.641	2.200	3.173	5.172	10.792
11.7	-0.189	0.366	2.436	3.395	4.838	7.074	10.651	-0.679	0.417	1.637	2.196	3.170	5.175	10.846
11.8	-0.189	0.366	2.450	3.414	4.866	7.113	10.709	-0.679	0.418	1.633	2.192	3.166	5.178	10.896
11.9	-0.189	0.366	2.464	3.434	4.893	7.153	10.766	-0.680	0.419	1.629	2.187	3.163	5.180	10.942
12.0	-0.189	0.366	2.479	3.455	4.922	7.192	10.823	-0.681	0.420	1.626	2.183	3.159	5.181	10.984
12.1	-0.189	0.366	2.495	3.475	4.950	7.232	10.879	-0.682	0.421	1.622	2.179	3.155	5.180	11.022
12.2	-0.189	0.366	2.510	3.497	4.979	7.272	10.935	-0.683	0.422	1.619	2.175	3.150	5.179	11.056
12.3	-0.189	0.365	2.527	3.518	5.008	7.312	10.991	-0.684	0.422	1.615	2.171	3.146	5.177	11.086
12.4	-0.189	0.365	2.543	3.540	5.038	7.352	11.047	-0.685	0.423	1.612	2.167	3.141	5.174	11.112
12.5	-0.189	0.364	2.560	3.563	5.068	7.393	11.102	-0.686	0.423	1.609	2.163	3.136	5.170	11.134
12.6	-0.189	0.364	2.577	3.585	5.098	7.434	11.157	-0.687	0.424	1.606	2.159	3.131	5.166	11.152
12.7	-0.189	0.364	2.595	3.608	5.129	7.475	11.212	-0.688	0.424	1.603	2.155	3.126	5.160	11.166
12.8	-0.189	0.363	2.613	3.632	5.160	7.516	11.267	-0.690	0.424	1.600	2.151	3.120	5.154	11.176

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
12.9	-0.188	0.363	2.631	3.655	5.191	7.557	11.322	-0.691	0.424	1.597	2.147	3.115	5.147	11.183
13.0	-0.188	0.362	2.649	3.679	5.223	7.599	11.377	-0.692	0.425	1.594	2.143	3.109	5.140	11.186
13.1	-0.188	0.362	2.667	3.703	5.254	7.641	11.432	-0.693	0.425	1.591	2.139	3.103	5.132	11.185
13.2	-0.188	0.361	2.686	3.728	5.286	7.683	11.488	-0.695	0.425	1.589	2.135	3.097	5.123	11.182
13.3	-0.188	0.361	2.704	3.752	5.318	7.726	11.544	-0.696	0.425	1.586	2.131	3.091	5.114	11.174
13.4	-0.188	0.360	2.723	3.776	5.350	7.768	11.600	-0.697	0.425	1.584	2.127	3.085	5.104	11.164
13.5	-0.188	0.360	2.742	3.801	5.383	7.811	11.658	-0.699	0.424	1.581	2.123	3.079	5.094	11.151
13.6	-0.188	0.359	2.761	3.825	5.415	7.855	11.715	-0.700	0.424	1.579	2.120	3.073	5.084	11.136
13.7	-0.188	0.359	2.779	3.850	5.448	7.898	11.774	-0.701	0.424	1.577	2.116	3.067	5.073	11.118
13.8	-0.188	0.358	2.798	3.874	5.480	7.942	11.833	-0.703	0.424	1.574	2.112	3.061	5.062	11.098
13.9	-0.188	0.358	2.816	3.899	5.513	7.986	11.894	-0.704	0.423	1.572	2.109	3.055	5.051	11.077
14.0	-0.188	0.358	2.834	3.923	5.546	8.031	11.955	-0.705	0.423	1.570	2.105	3.049	5.039	11.054
14.1	-0.188	0.357	2.852	3.947	5.578	8.075	12.017	-0.707	0.423	1.568	2.102	3.043	5.028	11.029
14.2	-0.188	0.357	2.870	3.971	5.611	8.120	12.080	-0.708	0.422	1.566	2.099	3.037	5.017	11.004
14.3	-0.187	0.357	2.888	3.995	5.643	8.166	12.144	-0.709	0.422	1.564	2.095	3.031	5.005	10.978
14.4	-0.187	0.357	2.905	4.018	5.676	8.211	12.210	-0.710	0.422	1.562	2.092	3.026	4.994	10.951
14.5	-0.187	0.357	2.922	4.041	5.708	8.257	12.276	-0.711	0.421	1.561	2.089	3.020	4.983	10.925
14.6	-0.187	0.357	2.939	4.064	5.740	8.303	12.344	-0.712	0.421	1.559	2.086	3.015	4.972	10.898
14.7	-0.187	0.357	2.955	4.087	5.772	8.349	12.413	-0.713	0.421	1.557	2.083	3.010	4.962	10.871
14.8	-0.187	0.357	2.971	4.109	5.804	8.396	12.483	-0.714	0.420	1.556	2.081	3.004	4.951	10.844
14.9	-0.187	0.357	2.986	4.131	5.836	8.443	12.555	-0.715	0.420	1.554	2.078	3.000	4.941	10.818
15.0	-0.187	0.357	3.001	4.152	5.867	8.490	12.628	-0.716	0.419	1.552	2.075	2.995	4.932	10.793
15.1	-0.187	0.357	3.016	4.173	5.898	8.538	12.702	-0.717	0.419	1.551	2.073	2.990	4.923	10.768
15.2	-0.187	0.358	3.030	4.194	5.929	8.585	12.778	-0.717	0.419	1.550	2.070	2.986	4.914	10.745
15.3	-0.187	0.358	3.043	4.214	5.960	8.633	12.855	-0.718	0.419	1.548	2.068	2.982	4.905	10.722
15.4	-0.187	0.358	3.057	4.234	5.990	8.681	12.934	-0.719	0.418	1.547	2.066	2.978	4.898	10.701
15.5	-0.187	0.359	3.069	4.253	6.021	8.730	13.014	-0.719	0.418	1.546	2.064	2.974	4.890	10.681
15.6	-0.187	0.360	3.081	4.272	6.050	8.779	13.096	-0.720	0.418	1.544	2.062	2.971	4.883	10.663
15.7	-0.186	0.360	3.093	4.291	6.080	8.828	13.179	-0.720	0.418	1.543	2.060	2.968	4.877	10.645
15.8	-0.186	0.361	3.104	4.308	6.109	8.877	13.263	-0.720	0.417	1.542	2.058	2.965	4.871	10.629
15.9	-0.186	0.362	3.114	4.326	6.138	8.926	13.350	-0.721	0.417	1.541	2.057	2.962	4.866	10.614
16.0	-0.186	0.362	3.124	4.343	6.167	8.976	13.437	-0.721	0.417	1.540	2.055	2.960	4.861	10.600
16.1	-0.186	0.363	3.134	4.359	6.196	9.025	13.526	-0.721	0.417	1.539	2.054	2.958	4.857	10.588
16.2	-0.186	0.364	3.143	4.375	6.224	9.075	13.617	-0.721	0.417	1.539	2.053	2.956	4.853	10.577
16.3	-0.186	0.365	3.151	4.390	6.251	9.126	13.709	-0.721	0.417	1.538	2.052	2.954	4.850	10.567
16.4	-0.186	0.366	3.159	4.405	6.279	9.176	13.802	-0.721	0.417	1.537	2.051	2.952	4.847	10.558
16.5	-0.186	0.367	3.166	4.419	6.306	9.226	13.897	-0.721	0.417	1.536	2.050	2.951	4.845	10.551
16.6	-0.186	0.369	3.173	4.433	6.332	9.277	13.994	-0.720	0.417	1.536	2.049	2.950	4.843	10.545
16.7	-0.186	0.370	3.180	4.447	6.359	9.328	14.091	-0.720	0.417	1.535	2.048	2.949	4.841	10.539
16.8	-0.186	0.371	3.185	4.459	6.385	9.379	14.190	-0.720	0.417	1.535	2.048	2.949	4.840	10.535
16.9	-0.186	0.372	3.191	4.472	6.410	9.429	14.290	-0.719	0.417	1.534	2.047	2.948	4.840	10.532
17.0	-0.186	0.374	3.195	4.484	6.435	9.480	14.392	-0.719	0.417	1.534	2.047	2.948	4.840	10.529
17.1	-0.186	0.375	3.200	4.495	6.460	9.531	14.494	-0.718	0.417	1.533	2.047	2.948	4.840	10.527
17.2	-0.185	0.377	3.204	4.506	6.485	9.582	14.597	-0.718	0.417	1.533	2.047	2.948	4.841	10.527
17.3	-0.185	0.378	3.207	4.516	6.509	9.633	14.702	-0.717	0.417	1.533	2.046	2.948	4.842	10.526
17.4	-0.185	0.380	3.210	4.526	6.532	9.684	14.807	-0.716	0.418	1.532	2.046	2.949	4.843	10.527
17.5	-0.185	0.381	3.213	4.536	6.556	9.735	14.914	-0.715	0.418	1.532	2.046	2.949	4.844	10.528
17.6	-0.185	0.383	3.215	4.545	6.579	9.785	15.021	-0.714	0.418	1.532	2.047	2.950	4.846	10.529
17.7	-0.185	0.384	3.217	4.554	6.601	9.836	15.129	-0.713	0.418	1.532	2.047	2.951	4.848	10.531
17.8	-0.185	0.386	3.218	4.562	6.623	9.886	15.238	-0.712	0.418	1.531	2.047	2.952	4.851	10.533
17.9	-0.185	0.388	3.220	4.570	6.645	9.937	15.348	-0.711	0.419	1.531	2.047	2.953	4.854	10.535
18.0	-0.185	0.389	3.220	4.577	6.667	9.987	15.458	-0.710	0.419	1.531	2.048	2.954	4.856	10.538
18.1	-0.185	0.391	3.221	4.584	6.688	10.037	15.569	-0.708	0.419	1.531	2.048	2.956	4.859	10.540
18.2	-0.185	0.393	3.221	4.591	6.708	10.087	15.680	-0.707	0.419	1.531	2.048	2.957	4.863	10.543
18.3	-0.185	0.395	3.220	4.597	6.729	10.137	15.793	-0.706	0.420	1.531	2.049	2.959	4.866	10.546
18.4	-0.185	0.396	3.220	4.603	6.749	10.187	15.905	-0.704	0.420	1.531	2.049	2.960	4.869	10.549
18.5	-0.185	0.398	3.219	4.609	6.768	10.236	16.019	-0.703	0.420	1.530	2.050	2.962	4.873	10.553
18.6	-0.184	0.400	3.218	4.614	6.788	10.285	16.133	-0.701	0.420	1.530	2.050	2.964	4.877	10.556
18.7	-0.184	0.402	3.217	4.619	6.807	10.334	16.247	-0.700	0.421	1.530	2.051	2.965	4.881	10.560
18.8	-0.184	0.404	3.215	4.624	6.825	10.383	16.362	-0.698	0.421	1.530	2.051	2.967	4.885	10.563
18.9	-0.184	0.406	3.213	4.628	6.844	10.432	16.477	-0.697	0.421	1.530	2.052	2.969	4.889	10.567
19.0	-0.184	0.407	3.211	4.632	6.862	10.481	16.593	-0.695	0.422	1.530	2.053	2.971	4.894	10.571
19.1	-0.184	0.409	3.209	4.636	6.879	10.529	16.710	-0.693	0.422	1.530	2.053	2.973	4.898	10.575
19.2	-0.184	0.411	3.206	4.639	6.897	10.578	16.827	-0.691	0.422	1.530	2.054	2.975	4.903	10.579
19.3	-0.184	0.413	3.204	4.643	6.914	10.626	16.945	-0.690	0.423	1.530	2.055	2.977	4.907	10.584
19.4	-0.184	0.415	3.201	4.646	6.931	10.674	17.063	-0.688	0.423	1.530	2.055	2.980	4.912	10.588
19.5	-0.184	0.417	3.198	4.649	6.948	10.722	17.181	-0.686	0.423	1.529	2.056	2.982	4.917	10.593
19.6	-0.184	0.419	3.194	4.651	6.964	10.770	17.301	-0.684	0.424	1.529	2.057	2.984	4.922	10.598
19.7	-0.184	0.421	3.191	4.654	6.980	10.818	17.421	-0.682	0.424	1.529	2.058	2.986	4.927	10.604
19.8	-0.184	0.423	3.187	4.656	6.996	10.866	17.541	-0.680	0.425	1.529	2.059	2.989	4.933	10.610
19.9	-0.184	0.425	3.184	4.658	7.012	10.914	17.663	-0.678	0.425	1.529	2.059	2.991	4.938	10.616
20.0	-0.183	0.427	3.180	4.660	7.028	10.961	17.785	-0.677	0.425	1.529	2.060	2.994	4.944	10.622

Table S27. Total Lean Soft Tissue Mass Index, kg/m2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	1.251	0.088	8.951	9.942	10.908	11.854	12.781	-0.255	0.068	10.222	10.922	11.684	12.513	13.417
5.1	1.236	0.088	8.972	9.964	10.933	11.882	12.814	-0.253	0.068	10.234	10.939	11.705	12.540	13.452
5.2	1.221	0.088	8.993	9.986	10.958	11.911	12.848	-0.251	0.069	10.246	10.955	11.727	12.568	13.486
5.3	1.207	0.088	9.013	10.008	10.983	11.940	12.881	-0.249	0.069	10.258	10.972	11.749	12.596	13.520
5.4	1.192	0.088	9.034	10.030	11.007	11.968	12.915	-0.247	0.069	10.270	10.989	11.771	12.624	13.555
5.5	1.177	0.088	9.055	10.052	11.032	11.997	12.948	-0.245	0.070	10.282	11.005	11.793	12.652	13.590
5.6	1.162	0.088	9.076	10.074	11.057	12.026	12.982	-0.242	0.070	10.294	11.022	11.815	12.680	13.625
5.7	1.148	0.088	9.097	10.097	11.082	12.055	13.016	-0.240	0.070	10.306	11.039	11.837	12.708	13.660
5.8	1.133	0.088	9.117	10.119	11.107	12.084	13.050	-0.238	0.071	10.318	11.055	11.859	12.736	13.695
5.9	1.118	0.089	9.138	10.141	11.132	12.113	13.084	-0.236	0.071	10.330	11.072	11.881	12.764	13.730
6.0	1.104	0.089	9.159	10.163	11.157	12.142	13.118	-0.234	0.071	10.342	11.089	11.903	12.793	13.766
6.1	1.089	0.089	9.180	10.185	11.182	12.171	13.152	-0.232	0.072	10.354	11.106	11.926	12.822	13.802
6.2	1.074	0.089	9.201	10.208	11.207	12.200	13.187	-0.230	0.072	10.366	11.123	11.948	12.851	13.838
6.3	1.059	0.089	9.222	10.230	11.232	12.229	13.221	-0.228	0.073	10.378	11.140	11.971	12.880	13.874
6.4	1.045	0.089	9.244	10.253	11.258	12.259	13.256	-0.226	0.073	10.391	11.157	11.994	12.909	13.911
6.5	1.030	0.089	9.265	10.276	11.283	12.288	13.291	-0.224	0.073	10.403	11.174	12.017	12.938	13.948
6.6	1.015	0.089	9.286	10.298	11.309	12.318	13.326	-0.222	0.074	10.415	11.192	12.040	12.968	13.985
6.7	1.000	0.089	9.308	10.321	11.335	12.348	13.361	-0.220	0.074	10.428	11.209	12.063	12.998	14.023
6.8	0.986	0.090	9.330	10.344	11.361	12.378	13.397	-0.218	0.074	10.440	11.227	12.087	13.028	14.060
6.9	0.971	0.090	9.352	10.368	11.387	12.408	13.432	-0.216	0.075	10.453	11.245	12.111	13.059	14.099
7.0	0.956	0.090	9.374	10.391	11.413	12.439	13.469	-0.214	0.075	10.466	11.263	12.134	13.089	14.137
7.1	0.941	0.090	9.396	10.415	11.440	12.470	13.505	-0.212	0.076	10.479	11.281	12.159	13.120	14.176
7.2	0.927	0.090	9.418	10.439	11.467	12.501	13.542	-0.210	0.076	10.492	11.299	12.183	13.152	14.215
7.3	0.912	0.090	9.441	10.463	11.494	12.533	13.579	-0.207	0.076	10.505	11.318	12.208	13.183	14.255
7.4	0.897	0.090	9.464	10.488	11.521	12.565	13.617	-0.205	0.077	10.519	11.337	12.233	13.215	14.295
7.5	0.883	0.090	9.488	10.512	11.549	12.597	13.655	-0.203	0.077	10.532	11.356	12.258	13.248	14.335
7.6	0.868	0.090	9.511	10.538	11.577	12.630	13.694	-0.201	0.077	10.546	11.375	12.283	13.280	14.376
7.7	0.853	0.090	9.535	10.563	11.606	12.663	13.733	-0.199	0.078	10.560	11.394	12.309	13.313	14.417
7.8	0.838	0.091	9.560	10.589	11.635	12.697	13.773	-0.197	0.078	10.574	11.414	12.335	13.347	14.459
7.9	0.824	0.091	9.584	10.616	11.665	12.731	13.813	-0.195	0.079	10.588	11.434	12.361	13.380	14.501
8.0	0.809	0.091	9.609	10.643	11.695	12.766	13.855	-0.193	0.079	10.602	11.454	12.388	13.414	14.544
8.1	0.794	0.091	9.635	10.670	11.726	12.802	13.896	-0.191	0.079	10.617	11.474	12.415	13.449	14.587
8.2	0.779	0.091	9.661	10.698	11.757	12.838	13.939	-0.189	0.080	10.632	11.495	12.442	13.484	14.631
8.3	0.765	0.091	9.688	10.726	11.789	12.875	13.982	-0.187	0.080	10.647	11.516	12.470	13.519	14.675
8.4	0.750	0.091	9.715	10.755	11.822	12.912	14.027	-0.185	0.081	10.662	11.537	12.498	13.555	14.720
8.5	0.735	0.091	9.743	10.785	11.855	12.951	14.072	-0.183	0.081	10.678	11.559	12.526	13.591	14.765
8.6	0.721	0.091	9.771	10.816	11.889	12.990	14.118	-0.181	0.081	10.694	11.581	12.555	13.628	14.811
8.7	0.706	0.092	9.800	10.847	11.924	13.030	14.165	-0.179	0.082	10.710	11.603	12.585	13.666	14.858
8.8	0.691	0.092	9.830	10.878	11.959	13.071	14.213	-0.177	0.082	10.727	11.626	12.615	13.704	14.905
8.9	0.676	0.092	9.860	10.911	11.995	13.113	14.262	-0.175	0.083	10.744	11.649	12.645	13.742	14.953
9.0	0.662	0.092	9.891	10.944	12.032	13.155	14.311	-0.172	0.083	10.762	11.673	12.676	13.782	15.002
9.1	0.647	0.092	9.923	10.978	12.070	13.199	14.362	-0.170	0.083	10.779	11.697	12.707	13.822	15.052
9.2	0.632	0.092	9.955	11.013	12.109	13.243	14.415	-0.168	0.084	10.798	11.722	12.740	13.862	15.102
9.3	0.617	0.092	9.988	11.048	12.149	13.289	14.468	-0.166	0.084	10.817	11.747	12.772	13.904	15.153
9.4	0.603	0.092	10.022	11.084	12.189	13.335	14.522	-0.164	0.085	10.836	11.773	12.806	13.946	15.206
9.5	0.588	0.092	10.056	11.121	12.231	13.383	14.577	-0.162	0.085	10.856	11.800	12.840	13.989	15.259
9.6	0.573	0.093	10.091	11.159	12.273	13.431	14.634	-0.160	0.086	10.876	11.827	12.875	14.033	15.313
9.7	0.559	0.093	10.127	11.198	12.316	13.481	14.691	-0.158	0.086	10.897	11.855	12.911	14.078	15.368
9.8	0.544	0.093	10.164	11.237	12.360	13.531	14.750	-0.156	0.086	10.919	11.883	12.948	14.123	15.424
9.9	0.529	0.093	10.201	11.278	12.405	13.582	14.810	-0.154	0.087	10.941	11.913	12.985	14.170	15.482
10.0	0.514	0.093	10.239	11.318	12.450	13.634	14.871	-0.152	0.087	10.965	11.943	13.023	14.218	15.541
10.1	0.500	0.093	10.278	11.360	12.497	13.688	14.933	-0.150	0.088	10.989	11.974	13.063	14.267	15.601
10.2	0.485	0.093	10.317	11.402	12.544	13.742	14.996	-0.148	0.088	11.013	12.006	13.103	14.317	15.662
10.3	0.470	0.093	10.357	11.446	12.592	13.797	15.060	-0.146	0.088	11.039	12.039	13.145	14.369	15.724
10.4	0.455	0.093	10.398	11.489	12.641	13.852	15.124	-0.144	0.089	11.065	12.073	13.188	14.421	15.788
10.5	0.441	0.094	10.439	11.534	12.690	13.909	15.190	-0.142	0.089	11.093	12.108	13.231	14.475	15.854
10.6	0.426	0.094	10.480	11.579	12.740	13.966	15.257	-0.139	0.090	11.121	12.144	13.276	14.530	15.921
10.7	0.411	0.094	10.522	11.624	12.791	14.024	15.324	-0.137	0.090	11.150	12.182	13.323	14.587	15.989
10.8	0.397	0.094	10.565	11.670	12.842	14.083	15.393	-0.135	0.091	11.181	12.220	13.370	14.645	16.059
10.9	0.382	0.094	10.608	11.717	12.894	14.142	15.462	-0.133	0.091	11.212	12.259	13.419	14.704	16.131
11.0	0.367	0.094	10.652	11.763	12.946	14.201	15.531	-0.131	0.091	11.245	12.300	13.469	14.765	16.204
11.1	0.352	0.094	10.695	11.811	12.999	14.262	15.601	-0.129	0.092	11.278	12.342	13.520	14.827	16.279
11.2	0.338	0.094	10.739	11.858	13.052	14.322	15.672	-0.127	0.092	11.313	12.385	13.573	14.891	16.356
11.3	0.323	0.094	10.784	11.906	13.105	14.383	15.743	-0.125	0.093	11.348	12.429	13.627	14.957	16.434
11.4	0.308	0.095	10.828	11.954	13.158	14.444	15.814	-0.123	0.093	11.385	12.475	13.683	15.024	16.514
11.5	0.293	0.095	10.873	12.002	13.212	14.505	15.886	-0.121	0.093	11.423	12.522	13.740	15.092	16.596
11.6	0.279	0.095	10.917	12.050	13.266	14.567	15.958	-0.119	0.094	11.462	12.570	13.798	15.162	16.679
11.7	0.264	0.095	10.962	12.098	13.319	14.628	16.030	-0.117	0.094	11.503	12.619	13.858	15.234	16.765
11.8	0.249	0.095	11.006	12.146	13.373	14.690	16.102	-0.115	0.095	11.544	12.670	13.919	15.307	16.851
11.9	0.234	0.095	11.051	12.194	13.426	14.751	16.174	-0.113	0.095	11.587	12.721	13.981	15.382	16.940
12.0	0.220	0.095	11.095	12.242	13.480	14.812	16.246	-0.111	0.095	11.630	12.775	14.045	15.458	17.030
12.1	0.205	0.095	11.139	12.290	13.533	14.873	16.317	-0.109	0.096	11.675	12.829	14.110	15.535	17.122

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
12.2	0.190	0.096	11.183	12.337	13.585	14.934	16.389	-0.107	0.096	11.721	12.884	14.177	15.614	17.215
12.3	0.176	0.096	11.227	12.384	13.638	14.994	16.460	-0.104	0.096	11.768	12.941	14.244	15.695	17.310
12.4	0.161	0.096	11.270	12.431	13.690	15.054	16.530	-0.102	0.097	11.815	12.998	14.313	15.776	17.406
12.5	0.146	0.096	11.313	12.477	13.741	15.113	16.601	-0.100	0.097	11.864	13.057	14.383	15.859	17.504
12.6	0.131	0.096	11.355	12.522	13.792	15.172	16.670	-0.098	0.098	11.914	13.117	14.455	15.944	17.603
12.7	0.117	0.096	11.397	12.567	13.842	15.230	16.739	-0.096	0.098	11.965	13.178	14.527	16.029	17.703
12.8	0.102	0.096	11.439	12.612	13.892	15.287	16.807	-0.094	0.098	12.017	13.240	14.600	16.115	17.804
12.9	0.087	0.096	11.479	12.655	13.941	15.344	16.875	-0.092	0.099	12.069	13.302	14.674	16.203	17.907
13.0	0.072	0.096	11.520	12.699	13.989	15.400	16.941	-0.090	0.099	12.122	13.366	14.750	16.291	18.010
13.1	0.058	0.097	11.559	12.741	14.036	15.455	17.007	-0.088	0.099	12.176	13.430	14.825	16.380	18.114
13.2	0.043	0.097	11.598	12.783	14.083	15.509	17.072	-0.086	0.100	12.230	13.495	14.902	16.470	18.219
13.3	0.028	0.097	11.636	12.824	14.128	15.562	17.136	-0.084	0.100	12.285	13.560	14.979	16.561	18.325
13.4	0.014	0.097	11.674	12.864	14.173	15.614	17.200	-0.082	0.100	12.341	13.626	15.057	16.652	18.432
13.5	-0.001	0.097	11.710	12.903	14.217	15.666	17.262	-0.080	0.101	12.397	13.693	15.136	16.744	18.539
13.6	-0.016	0.097	11.746	12.942	14.261	15.716	17.323	-0.078	0.101	12.454	13.760	15.214	16.836	18.646
13.7	-0.031	0.097	11.782	12.979	14.303	15.766	17.383	-0.076	0.101	12.511	13.827	15.294	16.929	18.754
13.8	-0.045	0.097	11.816	13.016	14.344	15.814	17.442	-0.074	0.101	12.568	13.894	15.373	17.021	18.861
13.9	-0.060	0.097	11.850	13.052	14.384	15.861	17.500	-0.072	0.102	12.625	13.962	15.452	17.114	18.969
14.0	-0.075	0.098	11.883	13.087	14.423	15.908	17.557	-0.069	0.102	12.682	14.030	15.532	17.207	19.077
14.1	-0.090	0.098	11.915	13.121	14.462	15.953	17.613	-0.067	0.102	12.740	14.098	15.611	17.300	19.184
14.2	-0.104	0.098	11.946	13.155	14.499	15.997	17.668	-0.065	0.103	12.797	14.165	15.691	17.392	19.291
14.3	-0.119	0.098	11.977	13.187	14.536	16.041	17.722	-0.063	0.103	12.854	14.233	15.770	17.484	19.398
14.4	-0.134	0.098	12.007	13.218	14.571	16.083	17.775	-0.061	0.103	12.911	14.300	15.848	17.576	19.504
14.5	-0.148	0.098	12.035	13.249	14.606	16.124	17.826	-0.059	0.103	12.968	14.367	15.927	17.667	19.610
14.6	-0.163	0.098	12.064	13.279	14.639	16.164	17.877	-0.057	0.104	13.025	14.434	16.005	17.757	19.714
14.7	-0.178	0.098	12.091	13.308	14.671	16.203	17.926	-0.055	0.104	13.081	14.500	16.082	17.847	19.818
14.8	-0.193	0.099	12.117	13.336	14.703	16.241	17.974	-0.053	0.104	13.137	14.566	16.159	17.936	19.921
14.9	-0.207	0.099	12.143	13.363	14.734	16.278	18.022	-0.051	0.104	13.193	14.631	16.235	18.025	20.023
15.0	-0.222	0.099	12.168	13.389	14.763	16.314	18.068	-0.049	0.105	13.248	14.696	16.310	18.112	20.124
15.1	-0.237	0.099	12.192	13.414	14.792	16.348	18.113	-0.047	0.105	13.302	14.760	16.385	18.199	20.223
15.2	-0.252	0.099	12.216	13.439	14.819	16.382	18.157	-0.045	0.105	13.356	14.823	16.458	18.284	20.322
15.3	-0.266	0.099	12.238	13.462	14.846	16.415	18.200	-0.043	0.105	13.409	14.885	16.531	18.368	20.419
15.4	-0.281	0.099	12.260	13.485	14.872	16.447	18.242	-0.041	0.105	13.462	14.947	16.603	18.451	20.514
15.5	-0.296	0.099	12.281	13.507	14.897	16.478	18.283	-0.039	0.105	13.513	15.007	16.674	18.533	20.608
15.6	-0.310	0.099	12.301	13.528	14.921	16.507	18.323	-0.037	0.106	13.565	15.067	16.743	18.613	20.701
15.7	-0.325	0.100	12.321	13.549	14.944	16.536	18.361	-0.034	0.106	13.615	15.126	16.812	18.693	20.792
15.8	-0.340	0.100	12.340	13.568	14.966	16.564	18.399	-0.032	0.106	13.664	15.184	16.879	18.771	20.881
15.9	-0.355	0.100	12.358	13.587	14.988	16.591	18.436	-0.030	0.106	13.713	15.242	16.946	18.847	20.969
16.0	-0.369	0.100	12.376	13.605	15.008	16.617	18.473	-0.028	0.106	13.761	15.298	17.011	18.923	21.056
16.1	-0.384	0.100	12.392	13.622	15.028	16.643	18.508	-0.026	0.106	13.808	15.353	17.075	18.997	21.140
16.2	-0.399	0.100	12.409	13.639	15.047	16.667	18.542	-0.024	0.107	13.855	15.407	17.138	19.069	21.223
16.3	-0.414	0.100	12.424	13.655	15.065	16.691	18.576	-0.022	0.107	13.900	15.460	17.200	19.140	21.305
16.4	-0.428	0.100	12.439	13.670	15.083	16.714	18.609	-0.020	0.107	13.945	15.513	17.261	19.210	21.384
16.5	-0.443	0.101	12.454	13.685	15.100	16.736	18.641	-0.018	0.107	13.989	15.564	17.320	19.278	21.463
16.6	-0.458	0.101	12.468	13.699	15.116	16.757	18.672	-0.016	0.107	14.032	15.614	17.378	19.345	21.539
16.7	-0.473	0.101	12.481	13.713	15.132	16.778	18.703	-0.014	0.107	14.074	15.664	17.436	19.411	21.614
16.8	-0.487	0.101	12.494	13.726	15.147	16.798	18.733	-0.012	0.107	14.115	15.712	17.492	19.475	21.687
16.9	-0.502	0.101	12.507	13.738	15.161	16.818	18.762	-0.010	0.107	14.156	15.759	17.547	19.538	21.759
17.0	-0.517	0.101	12.519	13.750	15.175	16.837	18.791	-0.008	0.108	14.196	15.806	17.600	19.600	21.829
17.1	-0.531	0.101	12.530	13.761	15.188	16.855	18.819	-0.006	0.108	14.235	15.851	17.653	19.661	21.898
17.2	-0.546	0.101	12.541	13.773	15.201	16.873	18.847	-0.004	0.108	14.273	15.896	17.705	19.720	21.965
17.3	-0.561	0.102	12.552	13.783	15.214	16.890	18.874	-0.001	0.108	14.310	15.940	17.755	19.777	22.031
17.4	-0.576	0.102	12.562	13.793	15.226	16.907	18.901	0.001	0.108	14.347	15.983	17.805	19.834	22.095
17.5	-0.590	0.102	12.572	13.803	15.237	16.923	18.927	0.003	0.108	14.383	16.025	17.853	19.889	22.157
17.6	-0.605	0.102	12.582	13.812	15.248	16.939	18.953	0.005	0.108	14.418	16.066	17.900	19.944	22.219
17.7	-0.620	0.102	12.591	13.821	15.259	16.955	18.978	0.007	0.108	14.453	16.106	17.947	19.997	22.279
17.8	-0.635	0.102	12.600	13.830	15.269	16.970	19.003	0.009	0.108	14.487	16.146	17.992	20.049	22.337
17.9	-0.649	0.102	12.609	13.839	15.279	16.984	19.028	0.011	0.108	14.520	16.184	18.037	20.099	22.395
18.0	-0.664	0.102	12.618	13.847	15.288	16.999	19.053	0.013	0.108	14.553	16.222	18.081	20.149	22.451
18.1	-0.679	0.103	12.626	13.854	15.298	17.013	19.077	0.015	0.108	14.585	16.260	18.124	20.198	22.506
18.2	-0.693	0.103	12.634	13.862	15.307	17.026	19.101	0.017	0.109	14.616	16.296	18.166	20.246	22.559
18.3	-0.708	0.103	12.641	13.869	15.315	17.040	19.124	0.019	0.109	14.647	16.332	18.207	20.292	22.612
18.4	-0.723	0.103	12.649	13.876	15.323	17.052	19.147	0.021	0.109	14.677	16.367	18.247	20.338	22.663
18.5	-0.738	0.103	12.656	13.883	15.332	17.065	19.170	0.023	0.109	14.707	16.402	18.287	20.383	22.714
18.6	-0.752	0.103	12.663	13.889	15.339	17.078	19.193	0.025	0.109	14.736	16.436	18.326	20.427	22.763
18.7	-0.767	0.103	12.670	13.895	15.347	17.090	19.216	0.027	0.109	14.765	16.469	18.364	20.471	22.812
18.8	-0.782	0.103	12.676	13.901	15.354	17.102	19.238	0.029	0.109	14.793	16.502	18.402	20.513	22.859
18.9	-0.797	0.104	12.683	13.907	15.361	17.113	19.260	0.031	0.109	14.821	16.535	18.439	20.555	22.906
19.0	-0.811	0.104	12.689	13.912	15.368	17.125	19.283	0.034	0.109	14.849	16.566	18.475	20.596	22.951
19.1	-0.826	0.104	12.695	13.918	15.375	17.136	19.304	0.036	0.109	14.876	16.598	18.511	20.637	22.996
19.2	-0.841	0.104	12.701	13.923	15.381	17.147	19.326	0.038	0.109	14.903	16.629	18.547	20.677	23.041
19.3	-0.855	0.104	12.706	13.928	15.387	17.158	19.348	0.040	0.109	14.929	16.659	18.582	20.716	23.084
19.4	-0.870	0.104	12.712	13.933	15.393	17.169	19.369	0.042	0.109	14.955	16.690	18.616	20.755	23.127
19.5	-0.885	0.104	12.717	13.938	15.399	17.179	19.391	0.044	0.109	14.981	16.720	18.650	20.793	23.170

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
19.6	-0.900	0.104	12.723	13.942	15.405	17.190	19.412	0.046	0.109	15.006	16.749	18.684	20.830	23.211
19.7	-0.914	0.105	12.728	13.947	15.411	17.200	19.434	0.048	0.109	15.032	16.778	18.717	20.868	23.253
19.8	-0.929	0.105	12.733	13.951	15.416	17.210	19.455	0.050	0.109	15.057	16.807	18.750	20.905	23.293
19.9	-0.944	0.105	12.738	13.955	15.422	17.220	19.476	0.052	0.109	15.082	16.836	18.783	20.941	23.334
20.0	-0.959	0.105	12.743	13.960	15.427	17.230	19.497	0.054	0.109	15.106	16.865	18.815	20.977	23.374
Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.725	0.074	9.848	10.548	11.340	12.240	13.270	0.855	0.074	10.280	11.159	12.048	12.946	13.854
5.1	-0.719	0.074	9.869	10.573	11.369	12.273	13.308	0.834	0.075	10.298	11.184	12.081	12.990	13.909
5.2	-0.713	0.075	9.890	10.598	11.397	12.306	13.346	0.813	0.075	10.316	11.209	12.115	13.034	13.965
5.3	-0.706	0.075	9.911	10.623	11.426	12.339	13.384	0.791	0.076	10.335	11.234	12.148	13.077	14.020
5.4	-0.700	0.075	9.933	10.648	11.455	12.373	13.422	0.770	0.076	10.353	11.259	12.182	13.121	14.076
5.5	-0.694	0.075	9.954	10.673	11.484	12.406	13.460	0.749	0.077	10.371	11.283	12.215	13.165	14.132
5.6	-0.687	0.075	9.975	10.698	11.513	12.439	13.499	0.728	0.078	10.388	11.308	12.249	13.209	14.189
5.7	-0.681	0.076	9.996	10.722	11.542	12.473	13.537	0.707	0.078	10.406	11.333	12.282	13.253	14.246
5.8	-0.675	0.076	10.017	10.747	11.571	12.506	13.576	0.686	0.079	10.424	11.357	12.315	13.297	14.302
5.9	-0.668	0.076	10.039	10.772	11.600	12.540	13.614	0.665	0.079	10.442	11.382	12.349	13.341	14.359
6.0	-0.662	0.076	10.060	10.797	11.629	12.574	13.653	0.644	0.080	10.460	11.407	12.382	13.386	14.417
6.1	-0.656	0.076	10.081	10.823	11.659	12.608	13.692	0.623	0.080	10.478	11.431	12.415	13.430	14.474
6.2	-0.649	0.076	10.103	10.848	11.688	12.642	13.731	0.602	0.081	10.496	11.456	12.449	13.474	14.531
6.3	-0.643	0.077	10.124	10.873	11.718	12.676	13.770	0.581	0.082	10.514	11.480	12.482	13.518	14.589
6.4	-0.637	0.077	10.146	10.899	11.748	12.710	13.809	0.560	0.082	10.533	11.505	12.515	13.562	14.647
6.5	-0.631	0.077	10.168	10.924	11.778	12.745	13.849	0.539	0.083	10.551	11.530	12.548	13.607	14.704
6.6	-0.624	0.077	10.190	10.950	11.808	12.780	13.889	0.518	0.083	10.569	11.554	12.582	13.651	14.762
6.7	-0.618	0.077	10.212	10.976	11.838	12.815	13.929	0.497	0.084	10.588	11.579	12.615	13.695	14.820
6.8	-0.612	0.078	10.234	11.003	11.869	12.851	13.970	0.476	0.084	10.607	11.604	12.648	13.739	14.877
6.9	-0.605	0.078	10.257	11.030	11.900	12.887	14.012	0.455	0.085	10.626	11.629	12.681	13.783	14.935
7.0	-0.599	0.078	10.280	11.057	11.932	12.923	14.053	0.434	0.085	10.646	11.654	12.714	13.826	14.992
7.1	-0.593	0.078	10.303	11.084	11.964	12.960	14.096	0.413	0.086	10.666	11.679	12.747	13.870	15.049
7.2	-0.586	0.078	10.327	11.112	11.997	12.998	14.139	0.392	0.086	10.686	11.704	12.780	13.914	15.107
7.3	-0.580	0.079	10.351	11.141	12.030	13.036	14.182	0.371	0.087	10.706	11.730	12.813	13.957	15.164
7.4	-0.574	0.079	10.376	11.170	12.064	13.075	14.227	0.350	0.087	10.727	11.755	12.846	14.001	15.221
7.5	-0.567	0.079	10.402	11.200	12.098	13.115	14.272	0.329	0.088	10.748	11.781	12.879	14.044	15.278
7.6	-0.561	0.079	10.428	11.230	12.133	13.156	14.319	0.307	0.088	10.769	11.807	12.913	14.088	15.335
7.7	-0.555	0.079	10.454	11.261	12.169	13.197	14.366	0.286	0.089	10.791	11.833	12.946	14.131	15.392
7.8	-0.548	0.079	10.481	11.293	12.206	13.239	14.414	0.265	0.089	10.813	11.860	12.979	14.174	15.448
7.9	-0.542	0.080	10.509	11.326	12.244	13.283	14.464	0.244	0.090	10.836	11.887	13.013	14.218	15.505
8.0	-0.536	0.080	10.538	11.359	12.283	13.327	14.514	0.223	0.090	10.859	11.914	13.047	14.261	15.562
8.1	-0.530	0.080	10.567	11.393	12.322	13.372	14.565	0.202	0.090	10.883	11.942	13.081	14.305	15.619
8.2	-0.523	0.080	10.598	11.428	12.363	13.418	14.618	0.181	0.091	10.907	11.970	13.115	14.349	15.676
8.3	-0.517	0.080	10.628	11.464	12.404	13.466	14.672	0.160	0.091	10.932	11.998	13.150	14.393	15.733
8.4	-0.511	0.081	10.660	11.501	12.446	13.514	14.727	0.139	0.091	10.958	12.027	13.184	14.437	15.790
8.5	-0.504	0.081	10.693	11.539	12.490	13.564	14.783	0.118	0.092	10.984	12.056	13.220	14.481	15.848
8.6	-0.498	0.081	10.726	11.578	12.534	13.615	14.841	0.097	0.092	11.010	12.086	13.255	14.526	15.905
8.7	-0.492	0.081	10.760	11.617	12.580	13.666	14.899	0.076	0.092	11.038	12.116	13.291	14.571	15.963
8.8	-0.485	0.081	10.795	11.658	12.626	13.719	14.959	0.055	0.093	11.066	12.147	13.328	14.616	16.022
8.9	-0.479	0.082	10.831	11.699	12.674	13.774	15.021	0.034	0.093	11.094	12.179	13.365	14.662	16.081
9.0	-0.473	0.082	10.868	11.741	12.722	13.829	15.083	0.013	0.093	11.124	12.211	13.402	14.708	16.140
9.1	-0.466	0.082	10.905	11.785	12.772	13.885	15.147	-0.008	0.093	11.154	12.244	13.440	14.755	16.200
9.2	-0.460	0.082	10.944	11.829	12.822	13.943	15.212	-0.029	0.094	11.185	12.277	13.479	14.803	16.261
9.3	-0.454	0.082	10.983	11.874	12.874	14.001	15.278	-0.050	0.094	11.217	12.311	13.519	14.851	16.322
9.4	-0.447	0.083	11.023	11.920	12.927	14.061	15.346	-0.071	0.094	11.249	12.346	13.559	14.900	16.384
9.5	-0.441	0.083	11.063	11.967	12.980	14.122	15.415	-0.092	0.094	11.282	12.382	13.600	14.950	16.447
9.6	-0.435	0.083	11.105	12.014	13.035	14.184	15.484	-0.113	0.094	11.316	12.419	13.642	15.000	16.511
9.7	-0.429	0.083	11.147	12.063	13.090	14.247	15.555	-0.134	0.095	11.351	12.456	13.684	15.052	16.576
9.8	-0.422	0.083	11.190	12.112	13.146	14.311	15.628	-0.155	0.095	11.387	12.494	13.728	15.104	16.642
9.9	-0.416	0.084	11.233	12.162	13.203	14.376	15.701	-0.177	0.095	11.424	12.533	13.772	15.157	16.709
10.0	-0.410	0.084	11.277	12.213	13.261	14.441	15.775	-0.198	0.095	11.461	12.573	13.817	15.212	16.778
10.1	-0.403	0.084	11.322	12.264	13.320	14.508	15.850	-0.219	0.095	11.499	12.614	13.864	15.267	16.848
10.2	-0.397	0.084	11.367	12.316	13.379	14.575	15.926	-0.240	0.096	11.538	12.656	13.911	15.324	16.919
10.3	-0.391	0.084	11.413	12.369	13.439	14.643	16.003	-0.261	0.096	11.578	12.699	13.959	15.382	16.992
10.4	-0.384	0.085	11.459	12.422	13.500	14.712	16.080	-0.282	0.096	11.619	12.742	14.009	15.441	17.066
10.5	-0.378	0.085	11.506	12.475	13.561	14.781	16.158	-0.303	0.096	11.661	12.787	14.059	15.501	17.142
10.6	-0.372	0.085	11.553	12.529	13.623	14.851	16.237	-0.324	0.096	11.704	12.833	14.111	15.563	17.220
10.7	-0.365	0.085	11.600	12.583	13.684	14.922	16.317	-0.345	0.097	11.747	12.880	14.164	15.627	17.300
10.8	-0.359	0.085	11.647	12.638	13.747	14.992	16.396	-0.366	0.097	11.792	12.928	14.218	15.691	17.381
10.9	-0.353	0.086	11.694	12.692	13.809	15.063	16.476	-0.387	0.097	11.838	12.977	14.274	15.757	17.464
11.0	-0.346	0.086	11.742	12.747	13.872	15.134	16.557	-0.408	0.097	11.884	13.027	14.330	15.825	17.549
11.1	-0.340	0.086	11.789	12.802	13.934	15.205	16.637	-0.429	0.097	11.932	13.078	14.388	15.894	17.635
11.2	-0.334	0.086	11.836	12.856	13.997	15.277	16.717	-0.450	0.098	11.981	13.130	14.447	15.964	17.724
11.3	-0.328	0.086	11.884	12.911	14.060	15.348	16.798	-0.471	0.098	12.030	13.184	14.507	16.036	17.814
11.4	-0.321	0.087	11.931	12.965	14.122	15.419	16.878	-0.492	0.098	12.081	13.238	14.569	16.109	17.906
11.5	-0.315	0.087	11.977	13.019	14.184	15.490	16.958	-0.513	0.098	12.133	13.294	14.632	16.184	18.000

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.6	-0.309	0.087	12.024	13.073	14.246	15.560	17.038	-0.534	0.098	12.186	13.351	14.696	16.261	18.096
11.7	-0.302	0.087	12.070	13.127	14.307	15.630	17.117	-0.555	0.099	12.240	13.409	14.761	16.338	18.194
11.8	-0.296	0.087	12.115	13.180	14.368	15.700	17.196	-0.576	0.099	12.295	13.468	14.828	16.417	18.293
11.9	-0.290	0.088	12.160	13.232	14.429	15.769	17.274	-0.597	0.099	12.351	13.528	14.895	16.497	18.393
12.0	-0.283	0.088	12.205	13.284	14.489	15.838	17.352	-0.618	0.099	12.408	13.590	14.964	16.578	18.495
12.1	-0.277	0.088	12.249	13.335	14.548	15.905	17.429	-0.639	0.099	12.467	13.652	15.034	16.661	18.598
12.2	-0.271	0.088	12.292	13.386	14.607	15.972	17.505	-0.661	0.100	12.526	13.715	15.105	16.744	18.702
12.3	-0.264	0.089	12.334	13.436	14.664	16.039	17.580	-0.682	0.100	12.586	13.779	15.176	16.829	18.808
12.4	-0.258	0.089	12.376	13.485	14.721	16.104	17.654	-0.703	0.100	12.647	13.845	15.249	16.914	18.914
12.5	-0.252	0.089	12.417	13.533	14.777	16.169	17.728	-0.724	0.100	12.710	13.911	15.322	17.000	19.022
12.6	-0.245	0.089	12.457	13.580	14.833	16.232	17.800	-0.745	0.100	12.773	13.978	15.397	17.087	19.130
12.7	-0.239	0.089	12.496	13.627	14.887	16.295	17.871	-0.766	0.100	12.837	14.046	15.472	17.174	19.238
12.8	-0.233	0.090	12.535	13.672	14.940	16.356	17.941	-0.787	0.100	12.902	14.114	15.547	17.262	19.348
12.9	-0.227	0.090	12.572	13.717	14.992	16.417	18.010	-0.808	0.101	12.967	14.184	15.623	17.351	19.457
13.0	-0.220	0.090	12.608	13.760	15.044	16.476	18.078	-0.829	0.101	13.034	14.254	15.700	17.439	19.567
13.1	-0.214	0.090	12.644	13.803	15.094	16.534	18.144	-0.850	0.101	13.101	14.324	15.777	17.528	19.677
13.2	-0.208	0.090	12.678	13.844	15.143	16.591	18.209	-0.871	0.101	13.169	14.395	15.855	17.618	19.787
13.3	-0.201	0.091	12.712	13.885	15.190	16.646	18.273	-0.892	0.101	13.237	14.467	15.933	17.707	19.896
13.4	-0.195	0.091	12.744	13.924	15.237	16.701	18.335	-0.913	0.101	13.306	14.539	16.011	17.796	20.006
13.5	-0.189	0.091	12.775	13.962	15.282	16.754	18.396	-0.934	0.101	13.376	14.611	16.089	17.885	20.115
13.6	-0.182	0.091	12.806	13.999	15.327	16.806	18.456	-0.955	0.101	13.446	14.684	16.167	17.974	20.224
13.7	-0.176	0.092	12.835	14.035	15.370	16.856	18.514	-0.976	0.101	13.516	14.757	16.245	18.063	20.332
13.8	-0.170	0.092	12.863	14.070	15.412	16.905	18.571	-0.997	0.101	13.586	14.830	16.324	18.152	20.440
13.9	-0.163	0.092	12.890	14.104	15.453	16.954	18.627	-1.018	0.101	13.657	14.903	16.402	18.240	20.547
14.0	-0.157	0.092	12.917	14.137	15.492	17.000	18.681	-1.039	0.101	13.728	14.976	16.480	18.327	20.653
14.1	-0.151	0.092	12.942	14.168	15.531	17.046	18.734	-1.060	0.101	13.798	15.049	16.557	18.415	20.759
14.2	-0.144	0.093	12.966	14.199	15.568	17.090	18.785	-1.081	0.100	13.869	15.121	16.634	18.501	20.865
14.3	-0.138	0.093	12.989	14.228	15.604	17.133	18.836	-1.102	0.100	13.939	15.193	16.711	18.587	20.969
14.4	-0.132	0.093	13.011	14.257	15.639	17.175	18.884	-1.123	0.100	14.009	15.265	16.788	18.673	21.073
14.5	-0.125	0.093	13.032	14.284	15.673	17.216	18.932	-1.145	0.100	14.079	15.337	16.863	18.758	21.176
14.6	-0.119	0.094	13.053	14.311	15.706	17.256	18.979	-1.166	0.100	14.148	15.408	16.938	18.842	21.278
14.7	-0.113	0.094	13.072	14.336	15.738	17.295	19.024	-1.187	0.100	14.217	15.478	17.013	18.925	21.379
14.8	-0.107	0.094	13.091	14.361	15.769	17.332	19.068	-1.208	0.100	14.285	15.548	17.087	19.007	21.480
14.9	-0.100	0.094	13.108	14.385	15.799	17.369	19.111	-1.229	0.100	14.353	15.617	17.160	19.089	21.579
15.0	-0.094	0.094	13.125	14.408	15.829	17.404	19.153	-1.250	0.100	14.419	15.685	17.232	19.170	21.678
15.1	-0.088	0.095	13.142	14.430	15.857	17.439	19.194	-1.271	0.100	14.485	15.752	17.303	19.249	21.776
15.2	-0.081	0.095	13.157	14.451	15.885	17.473	19.234	-1.292	0.100	14.550	15.819	17.373	19.328	21.874
15.3	-0.075	0.095	13.172	14.472	15.911	17.506	19.273	-1.313	0.100	14.615	15.884	17.442	19.406	21.970
15.4	-0.069	0.095	13.186	14.492	15.937	17.538	19.311	-1.334	0.099	14.678	15.949	17.511	19.483	22.066
15.5	-0.062	0.096	13.199	14.511	15.963	17.569	19.349	-1.355	0.099	14.740	16.012	17.578	19.559	22.160
15.6	-0.056	0.096	13.212	14.530	15.987	17.600	19.385	-1.376	0.099	14.801	16.075	17.644	19.633	22.254
15.7	-0.050	0.096	13.224	14.548	16.011	17.630	19.421	-1.397	0.099	14.861	16.136	17.708	19.707	22.347
15.8	-0.043	0.096	13.236	14.565	16.035	17.659	19.456	-1.418	0.099	14.920	16.196	17.772	19.779	22.438
15.9	-0.037	0.097	13.247	14.582	16.057	17.688	19.491	-1.439	0.099	14.978	16.255	17.834	19.849	22.528
16.0	-0.031	0.097	13.258	14.599	16.080	17.716	19.524	-1.460	0.099	15.035	16.312	17.895	19.919	22.617
16.1	-0.024	0.097	13.268	14.615	16.101	17.743	19.558	-1.481	0.099	15.090	16.369	17.955	19.987	22.705
16.2	-0.018	0.097	13.278	14.630	16.123	17.770	19.590	-1.502	0.099	15.144	16.424	18.013	20.054	22.792
16.3	-0.012	0.097	13.287	14.645	16.143	17.797	19.622	-1.523	0.099	15.198	16.478	18.070	20.119	22.877
16.4	-0.006	0.098	13.296	14.659	16.164	17.823	19.654	-1.544	0.099	15.249	16.530	18.126	20.183	22.960
16.5	0.001	0.098	13.305	14.674	16.183	17.849	19.685	-1.565	0.099	15.300	16.581	18.180	20.245	23.042
16.6	0.007	0.098	13.313	14.687	16.203	17.874	19.715	-1.586	0.099	15.349	16.631	18.233	20.305	23.122
16.7	0.013	0.098	13.320	14.701	16.222	17.898	19.746	-1.608	0.099	15.397	16.680	18.284	20.364	23.201
16.8	0.020	0.099	13.328	14.714	16.241	17.923	19.775	-1.629	0.099	15.444	16.727	18.333	20.421	23.278
16.9	0.026	0.099	13.335	14.726	16.259	17.946	19.804	-1.650	0.099	15.490	16.772	18.382	20.477	23.353
17.0	0.032	0.099	13.341	14.738	16.277	17.970	19.833	-1.671	0.099	15.534	16.817	18.428	20.531	23.427
17.1	0.039	0.099	13.347	14.750	16.294	17.993	19.861	-1.692	0.099	15.577	16.860	18.473	20.583	23.498
17.2	0.045	0.100	13.353	14.761	16.311	18.015	19.889	-1.713	0.099	15.619	16.901	18.517	20.633	23.568
17.3	0.051	0.100	13.358	14.772	16.327	18.037	19.916	-1.734	0.099	15.659	16.941	18.558	20.682	23.636
17.4	0.058	0.100	13.363	14.783	16.344	18.059	19.942	-1.755	0.099	15.698	16.980	18.599	20.729	23.702
17.5	0.064	0.100	13.368	14.793	16.359	18.080	19.969	-1.776	0.099	15.736	17.017	18.637	20.774	23.766
17.6	0.070	0.101	13.372	14.803	16.375	18.100	19.994	-1.797	0.099	15.772	17.053	18.675	20.817	23.828
17.7	0.077	0.101	13.376	14.812	16.389	18.121	20.019	-1.818	0.099	15.807	17.087	18.710	20.859	23.889
17.8	0.083	0.101	13.379	14.821	16.404	18.140	20.044	-1.839	0.099	15.841	17.120	18.744	20.899	23.947
17.9	0.089	0.101	13.382	14.829	16.418	18.160	20.068	-1.860	0.099	15.874	17.152	18.777	20.937	24.004
18.0	0.095	0.102	13.385	14.837	16.431	18.178	20.092	-1.881	0.099	15.905	17.182	18.808	20.974	24.060
18.1	0.102	0.102	13.387	14.845	16.444	18.197	20.115	-1.902	0.099	15.935	17.211	18.838	21.009	24.113
18.2	0.108	0.102	13.389	14.852	16.457	18.214	20.137	-1.923	0.098	15.964	17.239	18.866	21.042	24.165
18.3	0.114	0.102	13.390	14.859	16.469	18.231	20.159	-1.944	0.098	15.991	17.265	18.892	21.074	24.216
18.4	0.121	0.103	13.391	14.865	16.481	18.248	20.180	-1.965	0.098	16.017	17.289	18.917	21.105	24.266
18.5	0.127	0.103	13.391	14.871	16.492	18.265	20.201	-1.986	0.098	16.042	17.313	18.941	21.134	24.314
18.6	0.133	0.103	13.392	14.877	16.503	18.280	20.222	-2.007	0.098	16.065	17.335	18.964	21.162	24.361
18.7	0.140	0.103	13.391	14.882	16.513	18.296	20.242	-2.028	0.098	16.087	17.356	18.985	21.188	24.407
18.8	0.146	0.104	13.391	14.887	16.523	18.311	20.261	-2.049	0.098	16.109	17.375	19.005	21.214	24.453
18.9	0.152	0.104	13.390	14.891	16.533	18.325	20.280	-2.070	0.098	16.128	17.394	19.024	21.238	24.498

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
19.0	0.159	0.104	13.388	14.895	16.542	18.339	20.298	-2.092	0.098	16.147	17.411	19.042	21.261	24.543
19.1	0.165	0.104	13.386	14.899	16.551	18.353	20.316	-2.113	0.098	16.164	17.427	19.058	21.284	24.587
19.2	0.171	0.105	13.384	14.902	16.559	18.366	20.334	-2.134	0.099	16.181	17.442	19.074	21.305	24.631
19.3	0.178	0.105	13.382	14.905	16.567	18.379	20.351	-2.155	0.099	16.196	17.456	19.089	21.326	24.676
19.4	0.184	0.105	13.379	14.907	16.575	18.392	20.368	-2.176	0.099	16.210	17.469	19.102	21.346	24.720
19.5	0.190	0.105	13.376	14.910	16.582	18.404	20.384	-2.197	0.099	16.223	17.481	19.115	21.366	24.765
19.6	0.196	0.106	13.373	14.912	16.590	18.416	20.400	-2.218	0.099	16.236	17.492	19.127	21.385	24.811
19.7	0.203	0.106	13.370	14.914	16.597	18.428	20.416	-2.239	0.099	16.247	17.502	19.139	21.404	24.857
19.8	0.209	0.106	13.366	14.915	16.603	18.439	20.432	-2.260	0.099	16.257	17.512	19.150	21.422	24.904
19.9	0.215	0.106	13.362	14.917	16.610	18.450	20.447	-2.281	0.099	16.267	17.521	19.160	21.441	24.953
20.0	0.222	0.107	13.358	14.918	16.616	18.461	20.462	-2.302	0.099	16.276	17.529	19.169	21.459	25.003

Table S28. Subtotal Lean Soft Tissue Mass Index, kg/m2

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	1.221	0.099	7.272	8.213	9.131	10.028	10.909	-0.113	0.080	8.316	8.998	9.743	10.558	11.449
5.1	1.208	0.099	7.302	8.245	9.166	10.069	10.954	-0.112	0.080	8.340	9.027	9.777	10.597	11.495
5.2	1.194	0.099	7.332	8.277	9.202	10.109	11.000	-0.110	0.080	8.364	9.055	9.810	10.637	11.541
5.3	1.181	0.100	7.362	8.309	9.237	10.149	11.046	-0.109	0.081	8.387	9.083	9.844	10.676	11.587
5.4	1.168	0.100	7.392	8.341	9.273	10.189	11.092	-0.107	0.081	8.411	9.112	9.878	10.716	11.633
5.5	1.155	0.100	7.421	8.373	9.308	10.229	11.137	-0.106	0.081	8.435	9.140	9.911	10.755	11.679
5.6	1.142	0.100	7.451	8.405	9.344	10.269	11.183	-0.105	0.082	8.458	9.168	9.945	10.795	11.726
5.7	1.128	0.100	7.480	8.436	9.379	10.309	11.229	-0.103	0.082	8.482	9.197	9.979	10.835	11.772
5.8	1.115	0.100	7.510	8.468	9.414	10.349	11.274	-0.102	0.082	8.506	9.225	10.013	10.875	11.819
5.9	1.102	0.100	7.539	8.500	9.449	10.388	11.319	-0.100	0.083	8.529	9.254	10.046	10.915	11.866
6.0	1.089	0.100	7.569	8.531	9.484	10.428	11.365	-0.099	0.083	8.553	9.282	10.080	10.955	11.913
6.1	1.076	0.100	7.598	8.562	9.518	10.467	11.410	-0.097	0.083	8.577	9.311	10.114	10.995	11.960
6.2	1.062	0.100	7.627	8.593	9.553	10.507	11.455	-0.096	0.083	8.600	9.339	10.149	11.035	12.008
6.3	1.049	0.100	7.656	8.624	9.587	10.546	11.500	-0.094	0.084	8.624	9.368	10.183	11.076	12.055
6.4	1.036	0.100	7.685	8.655	9.622	10.585	11.545	-0.093	0.084	8.648	9.397	10.217	11.116	12.103
6.5	1.023	0.100	7.713	8.686	9.656	10.623	11.589	-0.091	0.084	8.671	9.425	10.251	11.157	12.151
6.6	1.010	0.100	7.742	8.716	9.690	10.662	11.634	-0.090	0.085	8.695	9.454	10.286	11.198	12.199
6.7	0.996	0.100	7.771	8.747	9.724	10.701	11.678	-0.088	0.085	8.719	9.483	10.320	11.239	12.247
6.8	0.983	0.101	7.799	8.777	9.757	10.739	11.722	-0.087	0.085	8.743	9.512	10.355	11.280	12.296
6.9	0.970	0.101	7.827	8.807	9.791	10.777	11.766	-0.085	0.086	8.767	9.541	10.390	11.322	12.345
7.0	0.957	0.101	7.856	8.838	9.824	10.815	11.810	-0.084	0.086	8.791	9.570	10.425	11.363	12.394
7.1	0.944	0.101	7.884	8.868	9.858	10.853	11.854	-0.082	0.086	8.814	9.599	10.460	11.405	12.443
7.2	0.930	0.101	7.912	8.898	9.891	10.891	11.898	-0.081	0.086	8.838	9.628	10.495	11.447	12.493
7.3	0.917	0.101	7.940	8.928	9.924	10.929	11.942	-0.080	0.087	8.863	9.658	10.530	11.489	12.542
7.4	0.904	0.101	7.968	8.958	9.958	10.967	11.986	-0.078	0.087	8.887	9.687	10.566	11.531	12.592
7.5	0.891	0.101	7.996	8.987	9.991	11.005	12.030	-0.077	0.087	8.911	9.717	10.602	11.574	12.643
7.6	0.878	0.101	8.024	9.017	10.024	11.043	12.074	-0.075	0.088	8.935	9.746	10.637	11.616	12.693
7.7	0.864	0.101	8.053	9.047	10.057	11.081	12.118	-0.074	0.088	8.959	9.776	10.673	11.659	12.744
7.8	0.851	0.101	8.081	9.078	10.091	11.120	12.162	-0.072	0.088	8.984	9.806	10.709	11.703	12.795
7.9	0.838	0.101	8.110	9.108	10.125	11.158	12.207	-0.071	0.089	9.008	9.836	10.746	11.746	12.847
8.0	0.825	0.101	8.138	9.139	10.159	11.197	12.252	-0.069	0.089	9.033	9.866	10.782	11.790	12.899
8.1	0.812	0.101	8.168	9.170	10.193	11.236	12.298	-0.068	0.089	9.057	9.896	10.819	11.834	12.951
8.2	0.799	0.101	8.197	9.201	10.228	11.276	12.345	-0.066	0.090	9.082	9.927	10.856	11.878	13.003
8.3	0.785	0.102	8.227	9.233	10.264	11.317	12.392	-0.065	0.090	9.107	9.957	10.893	11.923	13.056
8.4	0.772	0.102	8.258	9.266	10.300	11.358	12.439	-0.063	0.090	9.132	9.988	10.930	11.967	13.110
8.5	0.759	0.102	8.289	9.299	10.337	11.400	12.488	-0.062	0.091	9.157	10.019	10.968	12.013	13.164
8.6	0.746	0.102	8.320	9.333	10.374	11.443	12.538	-0.060	0.091	9.183	10.051	11.006	12.059	13.218
8.7	0.733	0.102	8.353	9.367	10.413	11.487	12.589	-0.059	0.091	9.208	10.082	11.045	12.105	13.273
8.8	0.719	0.102	8.386	9.403	10.452	11.532	12.640	-0.058	0.092	9.234	10.114	11.083	12.151	13.328
8.9	0.706	0.102	8.419	9.439	10.492	11.578	12.694	-0.056	0.092	9.260	10.146	11.123	12.198	13.385
9.0	0.693	0.102	8.454	9.476	10.534	11.625	12.748	-0.055	0.092	9.287	10.179	11.162	12.246	13.441
9.1	0.680	0.102	8.490	9.515	10.576	11.673	12.804	-0.053	0.093	9.314	10.212	11.202	12.294	13.499
9.2	0.667	0.102	8.526	9.554	10.620	11.723	12.861	-0.052	0.093	9.341	10.246	11.243	12.343	13.557
9.3	0.653	0.102	8.564	9.595	10.665	11.774	12.920	-0.050	0.093	9.368	10.280	11.284	12.392	13.616
9.4	0.640	0.102	8.603	9.636	10.711	11.827	12.981	-0.049	0.094	9.396	10.314	11.326	12.443	13.675
9.5	0.627	0.102	8.643	9.679	10.759	11.881	13.043	-0.047	0.094	9.425	10.349	11.368	12.494	13.736
9.6	0.614	0.102	8.683	9.723	10.808	11.936	13.107	-0.046	0.095	9.454	10.385	11.412	12.545	13.797
9.7	0.601	0.102	8.725	9.768	10.858	11.993	13.173	-0.044	0.095	9.483	10.421	11.455	12.598	13.860
9.8	0.587	0.103	8.768	9.815	10.910	12.052	13.240	-0.043	0.095	9.513	10.458	11.500	12.651	13.923
9.9	0.574	0.103	8.812	9.862	10.962	12.112	13.309	-0.041	0.096	9.544	10.495	11.545	12.706	13.988
10.0	0.561	0.103	8.858	9.911	11.017	12.173	13.380	-0.040	0.096	9.575	10.533	11.592	12.761	14.054
10.1	0.548	0.103	8.904	9.961	11.072	12.236	13.452	-0.038	0.096	9.607	10.573	11.639	12.818	14.121
10.2	0.535	0.103	8.951	10.013	11.129	12.301	13.526	-0.037	0.097	9.640	10.612	11.687	12.875	14.189
10.3	0.521	0.103	8.999	10.065	11.187	12.366	13.602	-0.035	0.097	9.673	10.653	11.736	12.934	14.258
10.4	0.508	0.103	9.049	10.118	11.247	12.434	13.679	-0.034	0.097	9.708	10.695	11.787	12.994	14.329
10.5	0.495	0.103	9.099	10.173	11.307	12.502	13.758	-0.033	0.098	9.743	10.738	11.838	13.055	14.402
10.6	0.482	0.103	9.150	10.228	11.369	12.572	13.838	-0.031	0.098	9.779	10.781	11.890	13.117	14.475
10.7	0.469	0.103	9.202	10.284	11.431	12.642	13.919	-0.030	0.098	9.816	10.826	11.944	13.181	14.551
10.8	0.455	0.103	9.254	10.341	11.494	12.714	14.001	-0.028	0.099	9.854	10.872	11.999	13.246	14.627
10.9	0.442	0.103	9.308	10.399	11.559	12.787	14.084	-0.027	0.099	9.892	10.919	12.055	13.313	14.706
11.0	0.429	0.103	9.361	10.457	11.623	12.860	14.169	-0.025	0.099	9.932	10.967	12.112	13.381	14.785
11.1	0.416	0.103	9.416	10.516	11.689	12.934	14.254	-0.024	0.100	9.973	11.016	12.171	13.450	14.867
11.2	0.403	0.103	9.470	10.576	11.755	13.009	14.340	-0.022	0.100	10.015	11.066	12.231	13.521	14.950
11.3	0.389	0.104	9.525	10.635	11.821	13.084	14.426	-0.021	0.101	10.058	11.118	12.292	13.593	15.035
11.4	0.376	0.104	9.581	10.695	11.888	13.159	14.513	-0.019	0.101	10.102	11.170	12.354	13.667	15.121
11.5	0.363	0.104	9.636	10.755	11.954	13.235	14.600	-0.018	0.101	10.147	11.224	12.418	13.742	15.210
11.6	0.350	0.104	9.691	10.815	12.021	13.310	14.687	-0.016	0.102	10.193	11.279	12.483	13.819	15.300
11.7	0.337	0.104	9.746	10.875	12.087	13.386	14.773	-0.015	0.102	10.240	11.335	12.550	13.897	15.391
11.8	0.323	0.104	9.801	10.934	12.153	13.461	14.860	-0.013	0.102	10.288	11.393	12.618	13.977	15.484
11.9	0.310	0.104	9.856	10.994	12.219	13.535	14.946	-0.012	0.103	10.337	11.451	12.687	14.058	15.579
12.0	0.297	0.104	9.910	11.052	12.284	13.609	15.032	-0.011	0.103	10.387	11.511	12.757	14.140	15.675
12.1	0.284	0.104	9.964	11.110	12.348	13.682	15.116	-0.009	0.103	10.438	11.572	12.829	14.224	15.773

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
12.2	0.271	0.104	10.017	11.168	12.412	13.755	15.200	-0.008	0.104	10.491	11.633	12.902	14.310	15.872
12.3	0.257	0.104	10.069	11.224	12.475	13.826	15.283	-0.006	0.104	10.544	11.696	12.976	14.396	15.973
12.4	0.244	0.104	10.121	11.280	12.537	13.897	15.365	-0.005	0.104	10.598	11.760	13.051	14.484	16.075
12.5	0.231	0.104	10.171	11.335	12.598	13.966	15.446	-0.003	0.104	10.653	11.825	13.127	14.573	16.178
12.6	0.218	0.104	10.221	11.388	12.657	14.034	15.525	-0.002	0.105	10.709	11.891	13.204	14.663	16.283
12.7	0.205	0.104	10.270	11.441	12.716	14.101	15.603	0.000	0.105	10.765	11.958	13.283	14.754	16.389
12.8	0.191	0.105	10.318	11.492	12.773	14.166	15.680	0.001	0.105	10.822	12.025	13.362	14.846	16.496
12.9	0.178	0.105	10.365	11.543	12.829	14.230	15.755	0.003	0.106	10.880	12.094	13.441	14.939	16.603
13.0	0.165	0.105	10.410	11.592	12.883	14.292	15.828	0.004	0.106	10.939	12.163	13.522	15.033	16.712
13.1	0.152	0.105	10.455	11.640	12.936	14.353	15.900	0.006	0.106	10.998	12.232	13.603	15.128	16.821
13.2	0.139	0.105	10.498	11.686	12.988	14.412	15.970	0.007	0.107	11.058	12.302	13.685	15.223	16.931
13.3	0.125	0.105	10.541	11.731	13.038	14.470	16.038	0.009	0.107	11.118	12.373	13.768	15.318	17.042
13.4	0.112	0.105	10.582	11.775	13.087	14.526	16.105	0.010	0.107	11.179	12.444	13.851	15.415	17.153
13.5	0.099	0.105	10.622	11.818	13.134	14.581	16.170	0.012	0.107	11.240	12.515	13.934	15.511	17.265
13.6	0.086	0.105	10.661	11.859	13.180	14.634	16.233	0.013	0.108	11.301	12.587	14.018	15.608	17.376
13.7	0.073	0.105	10.698	11.899	13.224	14.685	16.295	0.014	0.108	11.363	12.659	14.101	15.705	17.488
13.8	0.059	0.105	10.735	11.938	13.268	14.735	16.355	0.016	0.108	11.424	12.731	14.185	15.802	17.600
13.9	0.046	0.105	10.770	11.976	13.309	14.784	16.413	0.017	0.108	11.486	12.803	14.269	15.899	17.712
14.0	0.033	0.105	10.804	12.012	13.349	14.830	16.470	0.019	0.109	11.547	12.875	14.352	15.996	17.823
14.1	0.020	0.105	10.837	12.047	13.388	14.876	16.525	0.020	0.109	11.609	12.947	14.436	16.092	17.934
14.2	0.007	0.106	10.870	12.081	13.426	14.920	16.578	0.022	0.109	11.670	13.019	14.519	16.188	18.044
14.3	-0.006	0.106	10.901	12.114	13.462	14.962	16.630	0.023	0.109	11.731	13.090	14.602	16.284	18.154
14.4	-0.020	0.106	10.931	12.145	13.497	15.003	16.681	0.025	0.109	11.792	13.161	14.684	16.379	18.263
14.5	-0.033	0.106	10.960	12.176	13.531	15.043	16.730	0.026	0.110	11.853	13.231	14.766	16.473	18.372
14.6	-0.046	0.106	10.988	12.205	13.564	15.082	16.778	0.028	0.110	11.913	13.301	14.847	16.566	18.479
14.7	-0.059	0.106	11.015	12.233	13.595	15.119	16.824	0.029	0.110	11.972	13.371	14.927	16.659	18.585
14.8	-0.072	0.106	11.041	12.261	13.626	15.155	16.869	0.031	0.110	12.031	13.440	15.007	16.751	18.691
14.9	-0.086	0.106	11.067	12.287	13.655	15.189	16.913	0.032	0.110	12.090	13.508	15.086	16.842	18.795
15.0	-0.099	0.106	11.091	12.312	13.682	15.222	16.955	0.034	0.110	12.148	13.575	15.164	16.931	18.898
15.1	-0.112	0.106	11.114	12.336	13.709	15.254	16.996	0.035	0.111	12.205	13.642	15.241	17.020	18.999
15.2	-0.125	0.106	11.137	12.359	13.735	15.285	17.035	0.037	0.111	12.261	13.707	15.317	17.107	19.099
15.3	-0.138	0.106	11.158	12.381	13.759	15.314	17.073	0.038	0.111	12.317	13.772	15.391	17.193	19.197
15.4	-0.152	0.106	11.179	12.402	13.782	15.342	17.109	0.039	0.111	12.372	13.836	15.465	17.278	19.294
15.5	-0.165	0.106	11.198	12.422	13.804	15.369	17.145	0.041	0.111	12.426	13.899	15.538	17.361	19.389
15.6	-0.178	0.107	11.217	12.441	13.826	15.395	17.179	0.042	0.111	12.479	13.960	15.609	17.443	19.483
15.7	-0.191	0.107	11.235	12.459	13.846	15.420	17.212	0.044	0.111	12.532	14.021	15.679	17.524	19.574
15.8	-0.204	0.107	11.252	12.476	13.865	15.443	17.243	0.045	0.112	12.583	14.081	15.748	17.603	19.665
15.9	-0.218	0.107	11.268	12.493	13.883	15.465	17.274	0.047	0.112	12.634	14.140	15.816	17.680	19.753
16.0	-0.231	0.107	11.284	12.508	13.900	15.487	17.303	0.048	0.112	12.683	14.197	15.882	17.756	19.840
16.1	-0.244	0.107	11.299	12.523	13.916	15.507	17.332	0.050	0.112	12.732	14.254	15.947	17.831	19.925
16.2	-0.257	0.107	11.313	12.537	13.931	15.527	17.359	0.051	0.112	12.780	14.309	16.011	17.904	20.008
16.3	-0.270	0.107	11.327	12.550	13.946	15.546	17.385	0.053	0.112	12.827	14.363	16.073	17.975	20.089
16.4	-0.284	0.107	11.340	12.563	13.960	15.563	17.411	0.054	0.112	12.872	14.416	16.135	18.045	20.169
16.5	-0.297	0.107	11.352	12.575	13.973	15.581	17.436	0.056	0.112	12.917	14.469	16.195	18.114	20.246
16.6	-0.310	0.107	11.364	12.586	13.986	15.597	17.460	0.057	0.112	12.961	14.520	16.253	18.181	20.323
16.7	-0.323	0.107	11.376	12.597	13.998	15.613	17.484	0.059	0.113	13.004	14.570	16.311	18.246	20.397
16.8	-0.336	0.107	11.387	12.607	14.009	15.628	17.507	0.060	0.113	13.047	14.618	16.367	18.310	20.470
16.9	-0.350	0.107	11.397	12.617	14.021	15.643	17.529	0.061	0.113	13.088	14.666	16.422	18.373	20.540
17.0	-0.363	0.107	11.408	12.627	14.031	15.657	17.551	0.063	0.113	13.128	14.713	16.475	18.434	20.610
17.1	-0.376	0.108	11.418	12.636	14.042	15.671	17.573	0.064	0.113	13.168	14.759	16.528	18.494	20.677
17.2	-0.389	0.108	11.428	12.646	14.052	15.685	17.594	0.066	0.113	13.207	14.803	16.579	18.553	20.743
17.3	-0.402	0.108	11.437	12.655	14.062	15.698	17.615	0.067	0.113	13.244	14.847	16.629	18.610	20.808
17.4	-0.416	0.108	11.447	12.663	14.071	15.711	17.636	0.069	0.113	13.282	14.890	16.678	18.665	20.871
17.5	-0.429	0.108	11.456	12.672	14.081	15.724	17.657	0.070	0.113	13.318	14.932	16.726	18.720	20.932
17.6	-0.442	0.108	11.465	12.680	14.090	15.737	17.677	0.072	0.113	13.353	14.973	16.773	18.773	20.992
17.7	-0.455	0.108	11.474	12.688	14.098	15.749	17.697	0.073	0.113	13.388	15.013	16.819	18.825	21.051
17.8	-0.468	0.108	11.482	12.696	14.107	15.761	17.717	0.075	0.113	13.422	15.052	16.864	18.876	21.108
17.9	-0.482	0.108	11.491	12.703	14.116	15.773	17.737	0.076	0.113	13.455	15.090	16.908	18.925	21.164
18.0	-0.495	0.108	11.499	12.711	14.124	15.785	17.756	0.078	0.113	13.488	15.128	16.951	18.974	21.218
18.1	-0.508	0.108	11.508	12.718	14.132	15.797	17.776	0.079	0.113	13.520	15.165	16.993	19.021	21.271
18.2	-0.521	0.108	11.516	12.725	14.140	15.808	17.795	0.081	0.113	13.551	15.201	17.034	19.068	21.323
18.3	-0.534	0.108	11.524	12.733	14.148	15.819	17.814	0.082	0.113	13.581	15.236	17.074	19.113	21.374
18.4	-0.548	0.108	11.531	12.739	14.155	15.830	17.833	0.084	0.113	13.611	15.271	17.113	19.158	21.424
18.5	-0.561	0.109	11.539	12.746	14.163	15.841	17.852	0.085	0.113	13.641	15.304	17.152	19.201	21.472
18.6	-0.574	0.109	11.546	12.753	14.170	15.852	17.871	0.086	0.113	13.670	15.338	17.190	19.244	21.520
18.7	-0.587	0.109	11.554	12.759	14.177	15.862	17.889	0.088	0.113	13.698	15.370	17.227	19.285	21.566
18.8	-0.600	0.109	11.561	12.765	14.184	15.872	17.907	0.089	0.113	13.726	15.403	17.263	19.326	21.612
18.9	-0.614	0.109	11.568	12.771	14.190	15.882	17.925	0.091	0.113	13.754	15.434	17.299	19.367	21.656
19.0	-0.627	0.109	11.575	12.777	14.197	15.892	17.943	0.092	0.113	13.781	15.465	17.334	19.406	21.700
19.1	-0.640	0.109	11.582	12.783	14.203	15.902	17.961	0.094	0.114	13.808	15.496	17.369	19.445	21.743
19.2	-0.653	0.109	11.588	12.788	14.209	15.911	17.979	0.095	0.114	13.834	15.526	17.403	19.483	21.785
19.3	-0.666	0.109	11.594	12.794	14.215	15.920	17.996	0.097	0.114	13.860	15.555	17.436	19.520	21.827
19.4	-0.680	0.109	11.601	12.799	14.221	15.929	18.013	0.098	0.114	13.885	15.585	17.470	19.557	21.868
19.5	-0.693	0.109	11.607	12.804	14.226	15.938	18.030	0.100	0.114	13.911	15.614	17.502	19.594	21.908

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
19.6	-0.706	0.109	11.613	12.809	14.232	15.947	18.047	0.101	0.114	13.936	15.642	17.534	19.630	21.948
19.7	-0.719	0.109	11.619	12.814	14.237	15.955	18.064	0.103	0.114	13.960	15.670	17.566	19.665	21.987
19.8	-0.732	0.109	11.624	12.818	14.242	15.964	18.081	0.104	0.114	13.985	15.698	17.598	19.701	22.026
19.9	-0.746	0.110	11.630	12.823	14.247	15.972	18.097	0.106	0.114	14.009	15.726	17.629	19.735	22.064
20.0	-0.759	0.110	11.635	12.827	14.252	15.980	18.114	0.107	0.114	14.033	15.754	17.660	19.770	22.102
Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.758	0.083	8.111	8.753	9.491	10.346	11.346	0.969	0.099	8.152	9.155	10.162	11.172	12.185
5.1	-0.752	0.084	8.142	8.789	9.531	10.391	11.396	0.948	0.099	8.191	9.196	10.207	11.223	12.243
5.2	-0.745	0.084	8.174	8.824	9.571	10.436	11.446	0.927	0.099	8.230	9.237	10.251	11.273	12.301
5.3	-0.739	0.084	8.205	8.860	9.611	10.480	11.496	0.906	0.099	8.269	9.277	10.295	11.323	12.360
5.4	-0.732	0.084	8.236	8.895	9.651	10.525	11.547	0.884	0.099	8.308	9.317	10.339	11.373	12.418
5.5	-0.725	0.084	8.268	8.931	9.691	10.570	11.597	0.863	0.099	8.348	9.358	10.383	11.423	12.476
5.6	-0.719	0.084	8.299	8.966	9.731	10.615	11.647	0.842	0.100	8.387	9.398	10.428	11.473	12.534
5.7	-0.712	0.084	8.331	9.002	9.771	10.660	11.698	0.821	0.100	8.426	9.439	10.472	11.523	12.592
5.8	-0.706	0.085	8.362	9.037	9.811	10.705	11.748	0.800	0.100	8.465	9.479	10.516	11.573	12.650
5.9	-0.699	0.085	8.393	9.073	9.851	10.750	11.799	0.779	0.100	8.504	9.519	10.560	11.623	12.709
6.0	-0.693	0.085	8.425	9.108	9.891	10.796	11.849	0.758	0.100	8.543	9.560	10.604	11.673	12.767
6.1	-0.686	0.085	8.456	9.144	9.932	10.841	11.900	0.736	0.100	8.581	9.600	10.647	11.723	12.825
6.2	-0.680	0.085	8.487	9.180	9.972	10.886	11.951	0.715	0.100	8.620	9.640	10.691	11.773	12.883
6.3	-0.673	0.085	8.519	9.215	10.012	10.932	12.002	0.694	0.100	8.659	9.680	10.735	11.822	12.942
6.4	-0.667	0.085	8.551	9.251	10.053	10.978	12.053	0.673	0.100	8.698	9.720	10.778	11.872	13.000
6.5	-0.660	0.086	8.582	9.287	10.094	11.024	12.105	0.652	0.100	8.736	9.760	10.822	11.922	13.058
6.6	-0.654	0.086	8.614	9.323	10.135	11.070	12.156	0.631	0.100	8.775	9.799	10.865	11.971	13.116
6.7	-0.647	0.086	8.646	9.360	10.176	11.116	12.208	0.609	0.100	8.813	9.839	10.908	12.020	13.174
6.8	-0.640	0.086	8.678	9.396	10.217	11.163	12.261	0.588	0.100	8.852	9.879	10.951	12.069	13.232
6.9	-0.634	0.086	8.711	9.433	10.259	11.210	12.314	0.567	0.100	8.890	9.918	10.994	12.118	13.290
7.0	-0.627	0.086	8.744	9.470	10.301	11.257	12.367	0.546	0.100	8.928	9.957	11.037	12.167	13.347
7.1	-0.621	0.086	8.777	9.508	10.344	11.305	12.420	0.525	0.100	8.966	9.997	11.080	12.216	13.405
7.2	-0.614	0.087	8.810	9.546	10.387	11.353	12.475	0.504	0.100	9.004	10.036	11.123	12.265	13.463
7.3	-0.608	0.087	8.844	9.584	10.430	11.402	12.529	0.482	0.100	9.043	10.075	11.165	12.314	13.521
7.4	-0.601	0.087	8.878	9.623	10.474	11.452	12.585	0.461	0.100	9.080	10.114	11.208	12.363	13.578
7.5	-0.595	0.087	8.912	9.662	10.519	11.502	12.641	0.440	0.100	9.118	10.153	11.250	12.411	13.636
7.6	-0.588	0.087	8.948	9.702	10.564	11.553	12.698	0.419	0.100	9.156	10.192	11.293	12.460	13.694
7.7	-0.582	0.087	8.983	9.743	10.610	11.605	12.756	0.398	0.100	9.194	10.231	11.335	12.508	13.752
7.8	-0.575	0.088	9.020	9.784	10.656	11.657	12.815	0.377	0.100	9.232	10.270	11.378	12.557	13.810
7.9	-0.569	0.088	9.056	9.826	10.704	11.711	12.875	0.356	0.101	9.270	10.309	11.420	12.606	13.868
8.0	-0.562	0.088	9.094	9.869	10.752	11.765	12.935	0.334	0.101	9.308	10.348	11.463	12.654	13.926
8.1	-0.556	0.088	9.132	9.912	10.801	11.820	12.997	0.313	0.101	9.346	10.387	11.505	12.703	13.984
8.2	-0.549	0.088	9.171	9.956	10.851	11.876	13.060	0.292	0.101	9.384	10.426	11.548	12.752	14.043
8.3	-0.542	0.088	9.210	10.001	10.901	11.933	13.124	0.271	0.101	9.423	10.466	11.591	12.802	14.102
8.4	-0.536	0.088	9.251	10.047	10.953	11.991	13.189	0.250	0.101	9.461	10.506	11.634	12.851	14.161
8.5	-0.529	0.089	9.292	10.093	11.005	12.050	13.255	0.229	0.101	9.500	10.545	11.677	12.901	14.221
8.6	-0.523	0.089	9.333	10.140	11.059	12.110	13.322	0.207	0.101	9.539	10.586	11.721	12.951	14.281
8.7	-0.516	0.089	9.376	10.188	11.113	12.171	13.390	0.186	0.101	9.578	10.626	11.765	13.002	14.342
8.8	-0.510	0.089	9.419	10.237	11.168	12.233	13.459	0.165	0.101	9.618	10.667	11.809	13.053	14.403
8.9	-0.503	0.089	9.462	10.287	11.224	12.296	13.530	0.144	0.101	9.658	10.708	11.854	13.104	14.465
9.0	-0.497	0.089	9.507	10.337	11.281	12.360	13.601	0.123	0.101	9.698	10.749	11.899	13.156	14.528
9.1	-0.490	0.089	9.552	10.389	11.339	12.425	13.674	0.102	0.101	9.739	10.791	11.945	13.209	14.591
9.2	-0.484	0.090	9.598	10.441	11.398	12.491	13.748	0.080	0.101	9.780	10.834	11.991	13.262	14.655
9.3	-0.477	0.090	9.645	10.494	11.458	12.558	13.823	0.059	0.101	9.822	10.877	12.038	13.316	14.720
9.4	-0.471	0.090	9.692	10.547	11.518	12.626	13.899	0.038	0.101	9.864	10.921	12.086	13.370	14.785
9.5	-0.464	0.090	9.740	10.602	11.579	12.695	13.976	0.017	0.101	9.907	10.965	12.134	13.426	14.852
9.6	-0.457	0.090	9.789	10.657	11.642	12.765	14.054	-0.004	0.101	9.950	11.010	12.183	13.482	14.920
9.7	-0.451	0.090	9.838	10.712	11.705	12.836	14.133	-0.025	0.101	9.994	11.055	12.233	13.539	14.988
9.8	-0.444	0.091	9.888	10.769	11.768	12.907	14.213	-0.047	0.101	10.039	11.102	12.283	13.597	15.058
9.9	-0.438	0.091	9.938	10.826	11.833	12.980	14.293	-0.068	0.101	10.084	11.149	12.334	13.656	15.129
10.0	-0.431	0.091	9.989	10.883	11.898	13.053	14.375	-0.089	0.101	10.130	11.197	12.387	13.716	15.201
10.1	-0.425	0.091	10.040	10.941	11.963	13.126	14.457	-0.110	0.102	10.177	11.245	12.440	13.777	15.275
10.2	-0.418	0.091	10.091	11.000	12.029	13.201	14.540	-0.131	0.102	10.225	11.295	12.494	13.839	15.349
10.3	-0.412	0.091	10.143	11.059	12.096	13.275	14.624	-0.152	0.102	10.273	11.345	12.549	13.902	15.426
10.4	-0.405	0.091	10.196	11.119	12.163	13.351	14.708	-0.173	0.102	10.322	11.397	12.605	13.966	15.503
10.5	-0.399	0.092	10.248	11.178	12.231	13.427	14.793	-0.195	0.102	10.373	11.449	12.662	14.032	15.582
10.6	-0.392	0.092	10.301	11.238	12.298	13.503	14.878	-0.216	0.102	10.424	11.503	12.720	14.099	15.662
10.7	-0.386	0.092	10.354	11.298	12.366	13.579	14.964	-0.237	0.102	10.476	11.557	12.780	14.167	15.744
10.8	-0.379	0.092	10.407	11.359	12.434	13.656	15.049	-0.258	0.102	10.529	11.613	12.841	14.236	15.828
10.9	-0.373	0.092	10.460	11.419	12.503	13.733	15.135	-0.279	0.102	10.583	11.669	12.902	14.307	15.913
11.0	-0.366	0.092	10.513	11.479	12.571	13.809	15.221	-0.300	0.102	10.638	11.727	12.965	14.379	16.000
11.1	-0.359	0.093	10.566	11.539	12.639	13.886	15.307	-0.322	0.102	10.694	11.786	13.029	14.452	16.088
11.2	-0.353	0.093	10.618	11.599	12.707	13.962	15.392	-0.343	0.102	10.751	11.845	13.095	14.527	16.178
11.3	-0.346	0.093	10.670	11.659	12.774	14.039	15.477	-0.364	0.102	10.809	11.906	13.161	14.603	16.270
11.4	-0.340	0.093	10.722	11.718	12.842	14.114	15.562	-0.385	0.102	10.868	11.968	13.229	14.681	16.363
11.5	-0.333	0.093	10.774	11.777	12.908	14.190	15.646	-0.406	0.102	10.929	12.032	13.298	14.760	16.459

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.6	-0.327	0.093	10.825	11.835	12.975	14.265	15.730	-0.427	0.102	10.990	12.096	13.368	14.840	16.555
11.7	-0.320	0.093	10.875	11.893	13.041	14.339	15.813	-0.449	0.102	11.052	12.161	13.440	14.922	16.654
11.8	-0.314	0.094	10.925	11.951	13.106	14.413	15.896	-0.470	0.102	11.115	12.228	13.512	15.005	16.754
11.9	-0.307	0.094	10.975	12.007	13.170	14.485	15.978	-0.491	0.102	11.179	12.295	13.586	15.089	16.855
12.0	-0.301	0.094	11.023	12.063	13.234	14.558	16.058	-0.512	0.102	11.244	12.363	13.660	15.175	16.958
12.1	-0.294	0.094	11.071	12.118	13.297	14.629	16.138	-0.533	0.102	11.309	12.432	13.736	15.261	17.062
12.2	-0.288	0.094	11.118	12.173	13.359	14.699	16.217	-0.554	0.102	11.376	12.502	13.812	15.349	17.168
12.3	-0.281	0.094	11.165	12.226	13.420	14.768	16.294	-0.576	0.102	11.443	12.573	13.890	15.437	17.275
12.4	-0.274	0.095	11.210	12.279	13.480	14.836	16.371	-0.597	0.103	11.511	12.645	13.968	15.527	17.383
12.5	-0.268	0.095	11.255	12.330	13.540	14.903	16.446	-0.618	0.103	11.580	12.717	14.047	15.617	17.493
12.6	-0.261	0.095	11.298	12.381	13.598	14.969	16.520	-0.639	0.103	11.649	12.790	14.127	15.709	17.603
12.7	-0.255	0.095	11.341	12.430	13.655	15.034	16.593	-0.660	0.103	11.719	12.864	14.207	15.801	17.715
12.8	-0.248	0.095	11.382	12.479	13.710	15.098	16.664	-0.681	0.103	11.789	12.938	14.288	15.894	17.827
12.9	-0.242	0.095	11.423	12.526	13.765	15.160	16.734	-0.702	0.103	11.859	13.012	14.369	15.987	17.941
13.0	-0.235	0.096	11.462	12.572	13.818	15.220	16.803	-0.724	0.103	11.931	13.087	14.451	16.081	18.055
13.1	-0.229	0.096	11.501	12.617	13.870	15.280	16.870	-0.745	0.103	12.002	13.162	14.534	16.175	18.170
13.2	-0.222	0.096	11.538	12.661	13.921	15.338	16.935	-0.766	0.103	12.074	13.238	14.616	16.270	18.285
13.3	-0.216	0.096	11.574	12.704	13.971	15.395	16.999	-0.787	0.103	12.145	13.313	14.699	16.365	18.401
13.4	-0.209	0.096	11.609	12.745	14.019	15.450	17.061	-0.808	0.103	12.217	13.389	14.781	16.460	18.517
13.5	-0.203	0.096	11.643	12.786	14.066	15.504	17.122	-0.829	0.103	12.289	13.465	14.864	16.555	18.633
13.6	-0.196	0.097	11.676	12.825	14.112	15.556	17.181	-0.851	0.103	12.361	13.541	14.947	16.650	18.750
13.7	-0.190	0.097	11.707	12.863	14.156	15.607	17.239	-0.872	0.103	12.433	13.617	15.030	16.745	18.867
13.8	-0.183	0.097	11.738	12.899	14.199	15.657	17.295	-0.893	0.103	12.505	13.692	15.112	16.840	18.984
13.9	-0.176	0.097	11.767	12.935	14.241	15.705	17.350	-0.914	0.103	12.577	13.767	15.195	16.935	19.101
14.0	-0.170	0.097	11.796	12.969	14.282	15.752	17.403	-0.935	0.103	12.648	13.843	15.277	17.029	19.217
14.1	-0.163	0.097	11.823	13.002	14.321	15.798	17.454	-0.956	0.103	12.719	13.917	15.358	17.123	19.334
14.2	-0.157	0.098	11.849	13.035	14.359	15.842	17.504	-0.978	0.103	12.790	13.991	15.439	17.216	19.450
14.3	-0.150	0.098	11.875	13.065	14.396	15.885	17.553	-0.999	0.103	12.860	14.065	15.520	17.309	19.565
14.4	-0.144	0.098	11.899	13.095	14.432	15.926	17.600	-1.020	0.103	12.929	14.138	15.599	17.401	19.680
14.5	-0.137	0.098	11.922	13.124	14.466	15.966	17.646	-1.041	0.103	12.999	14.211	15.678	17.493	19.794
14.6	-0.131	0.098	11.944	13.152	14.500	16.006	17.691	-1.062	0.104	13.067	14.283	15.757	17.583	19.908
14.7	-0.124	0.098	11.966	13.179	14.532	16.044	17.734	-1.083	0.104	13.135	14.354	15.834	17.673	20.021
14.8	-0.118	0.099	11.986	13.205	14.563	16.080	17.776	-1.105	0.104	13.202	14.424	15.911	17.762	20.133
14.9	-0.111	0.099	12.006	13.230	14.594	16.116	17.817	-1.126	0.104	13.269	14.494	15.987	17.850	20.245
15.0	-0.105	0.099	12.024	13.254	14.623	16.151	17.856	-1.147	0.104	13.334	14.562	16.061	17.937	20.355
15.1	-0.098	0.099	12.042	13.277	14.652	16.184	17.895	-1.168	0.104	13.399	14.630	16.135	18.022	20.464
15.2	-0.092	0.099	12.059	13.299	14.679	16.217	17.932	-1.189	0.104	13.463	14.696	16.208	18.107	20.572
15.3	-0.085	0.099	12.076	13.321	14.706	16.249	17.969	-1.210	0.104	13.526	14.762	16.279	18.190	20.679
15.4	-0.078	0.100	12.092	13.342	14.732	16.280	18.004	-1.231	0.104	13.588	14.827	16.350	18.272	20.785
15.5	-0.072	0.100	12.107	13.362	14.757	16.310	18.039	-1.253	0.104	13.649	14.890	16.419	18.353	20.890
15.6	-0.065	0.100	12.122	13.381	14.782	16.339	18.073	-1.274	0.104	13.709	14.953	16.487	18.432	20.993
15.7	-0.059	0.100	12.136	13.400	14.806	16.368	18.106	-1.295	0.104	13.768	15.014	16.553	18.510	21.095
15.8	-0.052	0.100	12.149	13.419	14.829	16.396	18.138	-1.316	0.104	13.826	15.074	16.618	18.587	21.195
15.9	-0.046	0.100	12.162	13.437	14.852	16.423	18.170	-1.337	0.104	13.882	15.132	16.682	18.662	21.294
16.0	-0.039	0.101	12.174	13.454	14.874	16.450	18.201	-1.358	0.104	13.938	15.190	16.744	18.735	21.392
16.1	-0.033	0.101	12.186	13.471	14.895	16.476	18.231	-1.380	0.104	13.992	15.246	16.805	18.807	21.488
16.2	-0.026	0.101	12.198	13.487	14.916	16.502	18.261	-1.401	0.104	14.045	15.301	16.865	18.877	21.582
16.3	-0.020	0.101	12.209	13.503	14.937	16.527	18.290	-1.422	0.104	14.097	15.354	16.923	18.946	21.675
16.4	-0.013	0.101	12.220	13.518	14.957	16.551	18.318	-1.443	0.104	14.147	15.406	16.979	19.013	21.766
16.5	-0.007	0.101	12.230	13.533	14.977	16.576	18.346	-1.464	0.104	14.197	15.457	17.034	19.078	21.855
16.6	0.000	0.102	12.240	13.548	14.996	16.599	18.374	-1.485	0.104	14.245	15.506	17.087	19.141	21.943
16.7	0.007	0.102	12.249	13.562	15.015	16.623	18.401	-1.507	0.105	14.291	15.554	17.139	19.203	22.029
16.8	0.013	0.102	12.259	13.576	15.034	16.645	18.427	-1.528	0.105	14.337	15.600	17.189	19.263	22.113
16.9	0.020	0.102	12.267	13.590	15.052	16.668	18.453	-1.549	0.105	14.381	15.645	17.238	19.321	22.196
17.0	0.026	0.102	12.276	13.603	15.069	16.689	18.479	-1.570	0.105	14.423	15.689	17.285	19.378	22.277
17.1	0.033	0.102	12.284	13.616	15.087	16.711	18.504	-1.591	0.105	14.465	15.730	17.330	19.432	22.356
17.2	0.039	0.103	12.292	13.628	15.104	16.732	18.528	-1.612	0.105	14.505	15.771	17.373	19.485	22.433
17.3	0.046	0.103	12.299	13.640	15.120	16.753	18.552	-1.634	0.105	14.543	15.810	17.415	19.536	22.508
17.4	0.052	0.103	12.306	13.652	15.136	16.773	18.576	-1.655	0.105	14.581	15.847	17.456	19.586	22.582
17.5	0.059	0.103	12.313	13.663	15.152	16.792	18.599	-1.676	0.105	14.616	15.883	17.494	19.633	22.654
17.6	0.065	0.103	12.319	13.674	15.167	16.812	18.622	-1.697	0.105	14.651	15.918	17.532	19.679	22.724
17.7	0.072	0.103	12.325	13.684	15.182	16.830	18.644	-1.718	0.105	14.684	15.951	17.567	19.723	22.792
17.8	0.078	0.104	12.331	13.695	15.196	16.849	18.665	-1.739	0.105	14.716	15.983	17.601	19.765	22.858
17.9	0.085	0.104	12.336	13.704	15.210	16.867	18.687	-1.760	0.105	14.747	16.013	17.633	19.805	22.923
18.0	0.091	0.104	12.341	13.714	15.224	16.884	18.707	-1.782	0.105	14.776	16.042	17.664	19.844	22.986
18.1	0.098	0.104	12.345	13.723	15.237	16.901	18.727	-1.803	0.105	14.804	16.069	17.693	19.881	23.048
18.2	0.105	0.104	12.349	13.731	15.250	16.918	18.747	-1.824	0.105	14.830	16.095	17.721	19.916	23.107
18.3	0.111	0.105	12.353	13.739	15.262	16.934	18.766	-1.845	0.105	14.856	16.120	17.747	19.950	23.166
18.4	0.118	0.105	12.356	13.747	15.274	16.949	18.784	-1.866	0.105	14.880	16.143	17.772	19.982	23.222
18.5	0.124	0.105	12.359	13.754	15.286	16.964	18.802	-1.887	0.105	14.903	16.165	17.795	20.013	23.277
18.6	0.131	0.105	12.362	13.761	15.297	16.979	18.820	-1.909	0.105	14.925	16.186	17.817	20.042	23.331
18.7	0.137	0.105	12.364	13.768	15.308	16.993	18.837	-1.930	0.105	14.946	16.206	17.838	20.069	23.383
18.8	0.144	0.105	12.366	13.774	15.318	17.007	18.854	-1.951	0.105	14.965	16.224	17.857	20.096	23.434
18.9	0.150	0.106	12.368	13.780	15.328	17.021	18.870	-1.972	0.106	14.984	16.241	17.875	20.120	23.484

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
19.0	0.157	0.106	12.369	13.786	15.337	17.034	18.885	-1.993	0.106	15.002	16.258	17.892	20.144	23.533
19.1	0.163	0.106	12.370	13.791	15.347	17.046	18.901	-2.014	0.106	15.018	16.273	17.908	20.166	23.580
19.2	0.170	0.106	12.370	13.796	15.356	17.059	18.916	-2.036	0.106	15.034	16.287	17.923	20.187	23.627
19.3	0.176	0.106	12.371	13.801	15.364	17.071	18.930	-2.057	0.106	15.049	16.301	17.937	20.207	23.672
19.4	0.183	0.106	12.371	13.805	15.372	17.082	18.944	-2.078	0.106	15.063	16.313	17.950	20.226	23.717
19.5	0.190	0.107	12.371	13.809	15.381	17.094	18.958	-2.099	0.106	15.077	16.325	17.962	20.244	23.760
19.6	0.196	0.107	12.371	13.813	15.388	17.105	18.972	-2.120	0.106	15.089	16.336	17.973	20.262	23.804
19.7	0.203	0.107	12.370	13.817	15.396	17.115	18.985	-2.141	0.106	15.101	16.346	17.983	20.278	23.846
19.8	0.209	0.107	12.369	13.820	15.403	17.126	18.998	-2.163	0.106	15.113	16.356	17.993	20.293	23.888
19.9	0.216	0.107	12.368	13.824	15.410	17.136	19.011	-2.184	0.106	15.124	16.365	18.002	20.308	23.930
20.0	0.222	0.108	12.367	13.827	15.417	17.147	19.023	-2.205	0.106	15.134	16.374	18.011	20.323	23.971

Table S29. Total Lean Soft Tissue, kg

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.256	0.133	9.857	11.342	12.987	14.804	16.803	-0.233	0.127	10.933	12.351	14.002	15.934	18.205
5.1	0.253	0.133	10.006	11.512	13.182	15.026	17.056	-0.229	0.127	11.091	12.530	14.206	16.166	18.470
5.2	0.249	0.133	10.156	11.683	13.376	15.248	17.309	-0.226	0.127	11.248	12.709	14.410	16.399	18.735
5.3	0.246	0.133	10.305	11.853	13.571	15.469	17.562	-0.223	0.127	11.405	12.889	14.615	16.632	19.000
5.4	0.242	0.133	10.455	12.024	13.765	15.691	17.815	-0.219	0.127	11.563	13.068	14.819	16.865	19.266
5.5	0.239	0.133	10.604	12.194	13.959	15.913	18.068	-0.216	0.128	11.721	13.248	15.024	17.098	19.531
5.6	0.235	0.133	10.754	12.364	14.154	16.134	18.320	-0.213	0.128	11.879	13.428	15.229	17.332	19.798
5.7	0.232	0.133	10.903	12.535	14.348	16.356	18.573	-0.209	0.128	12.037	13.609	15.435	17.566	20.064
5.8	0.228	0.133	11.053	12.705	14.542	16.577	18.826	-0.206	0.128	12.195	13.789	15.641	17.801	20.331
5.9	0.225	0.133	11.202	12.875	14.736	16.799	19.079	-0.203	0.128	12.354	13.970	15.847	18.036	20.599
6.0	0.221	0.133	11.352	13.046	14.930	17.021	19.332	-0.199	0.128	12.513	14.152	16.054	18.272	20.867
6.1	0.217	0.133	11.502	13.216	15.125	17.242	19.585	-0.196	0.128	12.672	14.333	16.261	18.508	21.136
6.2	0.214	0.133	11.652	13.387	15.319	17.464	19.838	-0.193	0.128	12.832	14.515	16.469	18.745	21.405
6.3	0.210	0.133	11.802	13.558	15.514	17.686	20.092	-0.189	0.128	12.992	14.698	16.677	18.982	21.675
6.4	0.207	0.133	11.953	13.729	15.709	17.909	20.346	-0.186	0.128	13.152	14.881	16.886	19.220	21.946
6.5	0.203	0.133	12.103	13.901	15.904	18.132	20.601	-0.183	0.128	13.313	15.065	17.096	19.458	22.217
6.6	0.200	0.133	12.255	14.073	16.100	18.355	20.856	-0.179	0.128	13.474	15.249	17.306	19.698	22.490
6.7	0.196	0.133	12.406	14.245	16.296	18.579	21.112	-0.176	0.128	13.635	15.433	17.516	19.938	22.763
6.8	0.193	0.133	12.558	14.418	16.493	18.804	21.368	-0.173	0.128	13.797	15.618	17.728	20.179	23.037
6.9	0.189	0.133	12.711	14.591	16.691	19.029	21.626	-0.169	0.128	13.960	15.804	17.940	20.420	23.312
7.0	0.186	0.133	12.864	14.765	16.889	19.255	21.885	-0.166	0.128	14.123	15.990	18.152	20.663	23.587
7.1	0.182	0.133	13.019	14.941	17.089	19.483	22.145	-0.163	0.128	14.286	16.177	18.365	20.906	23.864
7.2	0.179	0.133	13.174	15.117	17.289	19.712	22.407	-0.159	0.128	14.450	16.364	18.579	21.149	24.141
7.3	0.175	0.133	13.330	15.294	17.491	19.943	22.670	-0.156	0.128	14.614	16.552	18.794	21.394	24.419
7.4	0.171	0.133	13.488	15.473	17.695	20.175	22.936	-0.153	0.128	14.778	16.741	19.009	21.639	24.697
7.5	0.168	0.133	13.646	15.653	17.900	20.409	23.203	-0.149	0.128	14.943	16.929	19.225	21.885	24.977
7.6	0.164	0.133	13.806	15.835	18.107	20.645	23.473	-0.146	0.128	15.109	17.119	19.441	22.131	25.257
7.7	0.161	0.133	13.968	16.018	18.316	20.883	23.746	-0.142	0.128	15.274	17.308	19.658	22.378	25.538
7.8	0.157	0.133	14.132	16.204	18.527	21.124	24.022	-0.139	0.128	15.440	17.499	19.875	22.626	25.820
7.9	0.154	0.133	14.297	16.392	18.741	21.368	24.301	-0.136	0.129	15.607	17.689	20.093	22.875	26.102
8.0	0.150	0.133	14.465	16.582	18.957	21.615	24.584	-0.132	0.129	15.774	17.881	20.312	23.124	26.386
8.1	0.147	0.132	14.635	16.775	19.177	21.866	24.870	-0.129	0.129	15.942	18.073	20.532	23.375	26.670
8.2	0.143	0.132	14.808	16.971	19.400	22.120	25.162	-0.126	0.129	16.110	18.266	20.752	23.626	26.956
8.3	0.140	0.132	14.983	17.170	19.626	22.379	25.458	-0.122	0.129	16.279	18.460	20.974	23.879	27.243
8.4	0.136	0.132	15.162	17.373	19.857	22.642	25.758	-0.119	0.129	16.448	18.654	21.196	24.132	27.531
8.5	0.132	0.132	15.344	17.579	20.091	22.910	26.065	-0.116	0.129	16.619	18.850	21.420	24.387	27.820
8.6	0.129	0.132	15.529	17.789	20.330	23.182	26.377	-0.112	0.129	16.790	19.046	21.644	24.643	28.111
8.7	0.125	0.132	15.718	18.003	20.574	23.460	26.695	-0.109	0.129	16.962	19.243	21.870	24.901	28.404
8.8	0.122	0.132	15.910	18.221	20.822	23.743	27.019	-0.106	0.129	17.135	19.442	22.098	25.160	28.698
8.9	0.118	0.132	16.106	18.443	21.075	24.032	27.349	-0.102	0.129	17.310	19.643	22.327	25.421	28.995
9.0	0.115	0.132	16.306	18.670	21.333	24.327	27.687	-0.099	0.129	17.486	19.845	22.558	25.685	29.295
9.1	0.111	0.132	16.511	18.902	21.597	24.628	28.031	-0.096	0.129	17.663	20.049	22.792	25.951	29.597
9.2	0.108	0.132	16.719	19.139	21.866	24.935	28.383	-0.092	0.129	17.843	20.255	23.028	26.220	29.903
9.3	0.104	0.132	16.933	19.381	22.142	25.249	28.742	-0.089	0.129	18.024	20.464	23.267	26.493	30.212
9.4	0.101	0.132	17.151	19.628	22.423	25.570	29.110	-0.086	0.129	18.208	20.675	23.508	26.769	30.525
9.5	0.097	0.132	17.373	19.880	22.709	25.898	29.484	-0.082	0.129	18.395	20.889	23.754	27.048	30.843
9.6	0.093	0.132	17.600	20.137	23.002	26.232	29.867	-0.079	0.129	18.584	21.106	24.002	27.332	31.165
9.7	0.090	0.132	17.831	20.400	23.301	26.572	30.257	-0.076	0.129	18.776	21.327	24.255	27.620	31.492
9.8	0.086	0.132	18.067	20.667	23.605	26.920	30.654	-0.072	0.129	18.971	21.552	24.512	27.913	31.825
9.9	0.083	0.132	18.308	20.940	23.915	27.274	31.060	-0.069	0.129	19.170	21.780	24.774	28.212	32.164
10.0	0.079	0.132	18.553	21.218	24.231	27.634	31.473	-0.066	0.129	19.373	22.014	25.041	28.516	32.510
10.1	0.076	0.132	18.803	21.501	24.553	28.001	31.893	-0.062	0.129	19.581	22.252	25.314	28.827	32.863
10.2	0.072	0.132	19.056	21.789	24.880	28.375	32.321	-0.059	0.129	19.792	22.495	25.593	29.145	33.223
10.3	0.069	0.132	19.315	22.081	25.213	28.755	32.756	-0.056	0.130	20.009	22.744	25.878	29.470	33.593
10.4	0.065	0.132	19.577	22.378	25.551	29.140	33.197	-0.052	0.130	20.231	23.000	26.170	29.803	33.971
10.5	0.062	0.132	19.842	22.679	25.893	29.531	33.645	-0.049	0.130	20.458	23.261	26.469	30.144	34.358
10.6	0.058	0.132	20.111	22.984	26.240	29.927	34.098	-0.046	0.130	20.691	23.529	26.776	30.494	34.756
10.7	0.055	0.132	20.383	23.292	26.590	30.327	34.556	-0.042	0.130	20.931	23.804	27.091	30.853	35.163
10.8	0.051	0.132	20.658	23.604	26.945	30.731	35.019	-0.039	0.130	21.176	24.086	27.414	31.221	35.581
10.9	0.047	0.132	20.936	23.918	27.302	31.139	35.487	-0.035	0.130	21.428	24.376	27.745	31.599	36.011
11.0	0.044	0.132	21.216	24.235	27.662	31.551	35.958	-0.032	0.130	21.687	24.673	28.086	31.988	36.451
11.1	0.040	0.132	21.498	24.554	28.025	31.965	36.433	-0.029	0.130	21.953	24.979	28.435	32.386	36.904
11.2	0.037	0.132	21.781	24.875	28.390	32.381	36.910	-0.025	0.130	22.226	25.292	28.795	32.796	37.369
11.3	0.033	0.132	22.066	25.197	28.756	32.799	37.388	-0.022	0.130	22.506	25.615	29.164	33.217	37.847
11.4	0.030	0.132	22.351	25.520	29.123	33.217	37.868	-0.019	0.130	22.794	25.946	29.543	33.649	38.338
11.5	0.026	0.132	22.636	25.842	29.489	33.636	38.348	-0.015	0.130	23.090	26.286	29.932	34.093	38.842
11.6	0.023	0.132	22.921	26.165	29.856	34.054	38.828	-0.012	0.130	23.394	26.635	30.332	34.549	39.360
11.7	0.019	0.132	23.205	26.486	30.221	34.471	39.306	-0.009	0.130	23.705	26.993	30.741	35.015	39.890

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.8	0.016	0.132	23.489	26.807	30.585	34.887	39.783	-0.005	0.130	24.024	27.359	31.161	35.494	40.433
11.9	0.012	0.132	23.770	27.125	30.947	35.300	40.257	-0.002	0.130	24.349	27.734	31.590	35.983	40.988
12.0	0.008	0.132	24.050	27.441	31.306	35.710	40.727	0.001	0.130	24.683	28.117	32.028	36.483	41.556
12.1	0.005	0.132	24.327	27.754	31.662	36.116	41.193	0.005	0.130	25.023	28.508	32.476	36.993	42.136
12.2	0.001	0.132	24.602	28.065	32.014	36.518	41.655	0.008	0.130	25.370	28.907	32.933	37.515	42.728
12.3	-0.002	0.132	24.873	28.371	32.362	36.915	42.111	0.011	0.130	25.724	29.314	33.399	38.046	43.331
12.4	-0.006	0.132	25.141	28.673	32.705	37.307	42.561	0.015	0.130	26.085	29.729	33.874	38.588	43.946
12.5	-0.009	0.132	25.405	28.971	33.043	37.693	43.004	0.018	0.130	26.452	30.151	34.357	39.139	44.572
12.6	-0.013	0.132	25.665	29.264	33.375	38.072	43.440	0.021	0.130	26.824	30.580	34.848	39.698	45.207
12.7	-0.016	0.132	25.919	29.551	33.701	38.444	43.867	0.025	0.131	27.202	31.015	35.346	40.266	45.852
12.8	-0.020	0.132	26.169	29.832	34.020	38.808	44.286	0.028	0.131	27.585	31.455	35.851	40.842	46.505
12.9	-0.023	0.132	26.414	30.108	34.332	39.165	44.697	0.031	0.131	27.972	31.900	36.361	41.424	47.166
13.0	-0.027	0.131	26.653	30.377	34.637	39.513	45.097	0.035	0.131	28.363	32.351	36.877	42.012	47.833
13.1	-0.031	0.131	26.886	30.639	34.935	39.853	45.489	0.038	0.131	28.757	32.805	37.397	42.605	48.507
13.2	-0.034	0.131	27.114	30.895	35.225	40.185	45.870	0.041	0.131	29.155	33.262	37.922	43.203	49.186
13.3	-0.038	0.131	27.335	31.144	35.507	40.507	46.241	0.045	0.131	29.555	33.723	38.450	43.805	49.869
13.4	-0.041	0.131	27.551	31.386	35.781	40.820	46.602	0.048	0.131	29.957	34.186	38.980	44.410	50.556
13.5	-0.045	0.131	27.760	31.621	36.047	41.124	46.953	0.051	0.131	30.360	34.651	39.513	45.018	51.245
13.6	-0.048	0.131	27.963	31.849	36.305	41.418	47.292	0.055	0.131	30.764	35.116	40.047	45.627	51.936
13.7	-0.052	0.131	28.159	32.069	36.554	41.703	47.620	0.058	0.131	31.168	35.582	40.581	46.236	52.627
13.8	-0.055	0.131	28.349	32.282	36.794	41.978	47.938	0.062	0.131	31.571	36.047	41.114	46.844	53.317
13.9	-0.059	0.131	28.533	32.487	37.027	42.243	48.244	0.065	0.131	31.973	36.511	41.647	47.451	54.006
14.0	-0.062	0.131	28.710	32.685	37.250	42.499	48.540	0.068	0.131	32.373	36.973	42.177	48.056	54.692
14.1	-0.066	0.131	28.881	32.876	37.466	42.745	48.825	0.072	0.131	32.771	37.433	42.704	48.657	55.373
14.2	-0.070	0.131	29.045	33.059	37.673	42.982	49.099	0.075	0.131	33.166	37.889	43.227	49.254	56.050
14.3	-0.073	0.131	29.203	33.236	37.872	43.210	49.362	0.078	0.131	33.557	38.341	43.746	49.846	56.721
14.4	-0.077	0.131	29.355	33.405	38.063	43.428	49.615	0.082	0.131	33.945	38.788	44.260	50.432	57.386
14.5	-0.080	0.131	29.501	33.567	38.246	43.637	49.858	0.085	0.131	34.327	39.231	44.768	51.012	58.043
14.6	-0.084	0.131	29.640	33.722	38.421	43.837	50.090	0.088	0.131	34.705	39.668	45.270	51.584	58.692
14.7	-0.087	0.131	29.774	33.871	38.588	44.028	50.312	0.092	0.131	35.077	40.099	45.765	52.149	59.332
14.8	-0.091	0.131	29.902	34.013	38.747	44.210	50.524	0.095	0.131	35.443	40.523	46.252	52.705	59.962
14.9	-0.094	0.131	30.024	34.148	38.900	44.384	50.727	0.098	0.131	35.803	40.940	46.731	53.252	60.582
15.0	-0.098	0.131	30.140	34.277	39.044	44.550	50.920	0.102	0.132	36.157	41.349	47.202	53.789	61.190
15.1	-0.101	0.131	30.251	34.399	39.182	44.708	51.104	0.105	0.132	36.502	41.750	47.664	54.316	61.787
15.2	-0.105	0.131	30.357	34.516	39.313	44.857	51.279	0.108	0.132	36.841	42.143	48.115	54.831	62.371
15.3	-0.108	0.131	30.458	34.626	39.437	44.999	51.445	0.112	0.132	37.171	42.527	48.557	55.336	62.942
15.4	-0.112	0.131	30.553	34.731	39.554	45.134	51.602	0.115	0.132	37.494	42.902	48.989	55.828	63.499
15.5	-0.116	0.131	30.644	34.830	39.665	45.261	51.751	0.118	0.132	37.809	43.268	49.411	56.309	64.044
15.6	-0.119	0.131	30.730	34.924	39.770	45.381	51.893	0.122	0.132	38.115	43.625	49.822	56.779	64.575
15.7	-0.123	0.131	30.811	35.013	39.869	45.494	52.026	0.125	0.132	38.414	43.972	50.222	57.236	65.092
15.8	-0.126	0.131	30.888	35.097	39.962	45.601	52.152	0.128	0.132	38.704	44.311	50.612	57.681	65.596
15.9	-0.130	0.131	30.960	35.175	40.050	45.702	52.271	0.132	0.132	38.986	44.639	50.991	58.114	66.085
16.0	-0.133	0.131	31.029	35.250	40.133	45.797	52.384	0.135	0.132	39.259	44.958	51.360	58.535	66.561
16.1	-0.137	0.131	31.094	35.320	40.211	45.886	52.490	0.138	0.132	39.524	45.268	51.717	58.943	67.022
16.2	-0.140	0.131	31.155	35.386	40.283	45.970	52.589	0.142	0.132	39.780	45.567	52.063	59.338	67.468
16.3	-0.144	0.131	31.213	35.448	40.352	46.048	52.683	0.145	0.132	40.028	45.858	52.399	59.721	67.901
16.4	-0.147	0.131	31.268	35.506	40.416	46.122	52.771	0.148	0.132	40.267	46.138	52.723	60.092	68.320
16.5	-0.151	0.131	31.319	35.560	40.476	46.191	52.854	0.152	0.132	40.499	46.410	53.037	60.451	68.725
16.6	-0.155	0.131	31.367	35.611	40.532	46.256	52.932	0.155	0.132	40.722	46.673	53.341	60.798	69.117
16.7	-0.158	0.131	31.413	35.659	40.585	46.316	53.006	0.158	0.132	40.938	46.926	53.635	61.134	69.495
16.8	-0.162	0.131	31.456	35.704	40.634	46.373	53.074	0.162	0.132	41.145	47.171	53.919	61.458	69.861
16.9	-0.165	0.131	31.496	35.747	40.680	46.426	53.139	0.165	0.132	41.346	47.407	54.193	61.771	70.214
17.0	-0.169	0.131	31.535	35.786	40.724	46.476	53.200	0.169	0.132	41.538	47.634	54.457	62.073	70.554
17.1	-0.172	0.131	31.571	35.824	40.764	46.522	53.257	0.172	0.132	41.724	47.854	54.711	62.364	70.882
17.2	-0.176	0.131	31.605	35.859	40.802	46.566	53.311	0.175	0.132	41.902	48.065	54.957	62.644	71.198
17.3	-0.179	0.131	31.637	35.892	40.837	46.607	53.362	0.179	0.132	42.073	48.268	55.193	62.915	71.502
17.4	-0.183	0.131	31.668	35.922	40.870	46.645	53.410	0.182	0.133	42.237	48.464	55.421	63.175	71.795
17.5	-0.186	0.131	31.696	35.951	40.901	46.681	53.455	0.185	0.133	42.396	48.652	55.640	63.426	72.077
17.6	-0.190	0.131	31.724	35.979	40.930	46.714	53.498	0.189	0.133	42.547	48.833	55.852	63.668	72.349
17.7	-0.194	0.131	31.750	36.004	40.957	46.746	53.538	0.192	0.133	42.693	49.007	56.055	63.900	72.610
17.8	-0.197	0.130	31.774	36.028	40.983	46.775	53.575	0.195	0.133	42.833	49.175	56.251	64.124	72.862
17.9	-0.201	0.130	31.797	36.051	41.006	46.803	53.611	0.199	0.133	42.967	49.336	56.439	64.340	73.104
18.0	-0.204	0.130	31.819	36.072	41.029	46.828	53.645	0.202	0.133	43.096	49.491	56.621	64.548	73.337
18.1	-0.208	0.130	31.840	36.092	41.049	46.853	53.676	0.205	0.133	43.219	49.640	56.795	64.748	73.561
18.2	-0.211	0.130	31.860	36.111	41.069	46.875	53.707	0.209	0.133	43.338	49.783	56.964	64.941	73.777
18.3	-0.215	0.130	31.879	36.129	41.087	46.897	53.735	0.212	0.133	43.452	49.921	57.126	65.126	73.985
18.4	-0.218	0.130	31.897	36.146	41.104	46.917	53.762	0.215	0.133	43.561	50.054	57.282	65.305	74.185
18.5	-0.222	0.130	31.915	36.162	41.120	46.936	53.788	0.219	0.133	43.666	50.182	57.433	65.478	74.378
18.6	-0.225	0.130	31.931	36.177	41.135	46.953	53.812	0.222	0.133	43.767	50.305	57.578	65.645	74.564
18.7	-0.229	0.130	31.947	36.191	41.149	46.970	53.835	0.225	0.133	43.865	50.424	57.719	65.806	74.744

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.8	-0.232	0.130	31.962	36.204	41.163	46.985	53.857	0.229	0.133	43.958	50.539	57.855	65.962	74.918
18.9	-0.236	0.130	31.976	36.217	41.175	47.000	53.878	0.232	0.133	44.048	50.650	57.986	66.113	75.086
19.0	-0.240	0.130	31.990	36.229	41.186	47.013	53.898	0.235	0.133	44.135	50.758	58.114	66.259	75.249
19.1	-0.243	0.130	32.003	36.240	41.197	47.026	53.917	0.239	0.133	44.220	50.862	58.238	66.401	75.407
19.2	-0.247	0.130	32.016	36.251	41.208	47.038	53.935	0.242	0.133	44.301	50.963	58.358	66.539	75.560
19.3	-0.250	0.130	32.028	36.261	41.217	47.050	53.952	0.245	0.133	44.380	51.061	58.474	66.673	75.709
19.4	-0.254	0.130	32.040	36.271	41.226	47.061	53.969	0.249	0.133	44.456	51.156	58.588	66.803	75.854
19.5	-0.257	0.130	32.051	36.280	41.235	47.071	53.984	0.252	0.133	44.530	51.249	58.699	66.930	75.996
19.6	-0.261	0.130	32.062	36.289	41.242	47.080	54.000	0.255	0.133	44.602	51.340	58.807	67.054	76.133
19.7	-0.264	0.130	32.072	36.297	41.250	47.089	54.014	0.259	0.134	44.673	51.428	58.913	67.176	76.268
19.8	-0.268	0.130	32.083	36.305	41.257	47.098	54.028	0.262	0.134	44.741	51.515	59.016	67.295	76.400
19.9	-0.271	0.130	32.093	36.312	41.264	47.106	54.041	0.266	0.134	44.808	51.600	59.118	67.412	76.530
20.0	-0.275	0.130	32.102	36.320	41.270	47.113	54.054	0.269	0.134	44.874	51.683	59.218	67.527	76.657
Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.166	0.138	10.284	11.754	13.475	15.497	17.882	1.035	0.113	11.400	13.081	14.755	16.421	18.082
5.1	-0.163	0.138	10.457	11.949	13.695	15.745	18.160	1.027	0.114	11.573	13.286	14.992	16.693	18.390
5.2	-0.159	0.138	10.630	12.144	13.915	15.992	18.438	1.020	0.114	11.746	13.490	15.230	16.966	18.698
5.3	-0.156	0.137	10.803	12.340	14.135	16.240	18.715	1.013	0.115	11.918	13.694	15.468	17.238	19.007
5.4	-0.152	0.137	10.976	12.535	14.356	16.488	18.992	1.005	0.115	12.090	13.898	15.705	17.511	19.316
5.5	-0.149	0.137	11.149	12.731	14.576	16.735	19.270	0.998	0.115	12.262	14.102	15.943	17.784	19.626
5.6	-0.145	0.136	11.323	12.928	14.797	16.983	19.547	0.990	0.116	12.434	14.306	16.181	18.058	19.937
5.7	-0.142	0.136	11.498	13.124	15.019	17.232	19.825	0.983	0.116	12.605	14.510	16.419	18.332	20.249
5.8	-0.138	0.136	11.673	13.321	15.240	17.480	20.102	0.975	0.117	12.776	14.713	16.657	18.607	20.561
5.9	-0.135	0.136	11.848	13.519	15.462	17.729	20.380	0.968	0.117	12.946	14.917	16.895	18.882	20.875
6.0	-0.131	0.135	12.024	13.717	15.685	17.979	20.658	0.960	0.118	13.117	15.120	17.133	19.157	21.189
6.1	-0.127	0.135	12.201	13.916	15.909	18.229	20.937	0.953	0.118	13.287	15.323	17.372	19.432	21.503
6.2	-0.124	0.135	12.378	14.116	16.133	18.480	21.217	0.945	0.119	13.456	15.526	17.610	19.708	21.818
6.3	-0.120	0.134	12.557	14.317	16.358	18.732	21.498	0.938	0.119	13.626	15.728	17.848	19.984	22.134
6.4	-0.117	0.134	12.736	14.519	16.585	18.985	21.779	0.930	0.120	13.795	15.930	18.086	20.260	22.451
6.5	-0.113	0.134	12.917	14.722	16.813	19.239	22.062	0.923	0.120	13.963	16.133	18.324	20.537	22.768
6.6	-0.110	0.134	13.098	14.926	17.042	19.495	22.347	0.915	0.121	14.132	16.334	18.562	20.813	23.085
6.7	-0.106	0.133	13.282	15.132	17.272	19.753	22.633	0.908	0.121	14.300	16.536	18.800	21.090	23.403
6.8	-0.103	0.133	13.466	15.340	17.505	20.012	22.921	0.900	0.122	14.467	16.737	19.038	21.367	23.722
6.9	-0.099	0.133	13.652	15.549	17.739	20.273	23.211	0.893	0.122	14.635	16.938	19.276	21.644	24.041
7.0	-0.096	0.132	13.840	15.760	17.975	20.537	23.503	0.885	0.123	14.802	17.139	19.513	21.922	24.360
7.1	-0.092	0.132	14.030	15.973	18.214	20.803	23.799	0.878	0.123	14.969	17.340	19.751	22.199	24.681
7.2	-0.089	0.132	14.222	16.189	18.455	21.072	24.097	0.870	0.124	15.135	17.541	19.990	22.478	25.003
7.3	-0.085	0.132	14.417	16.407	18.700	21.344	24.398	0.863	0.124	15.302	17.742	20.228	22.757	25.325
7.4	-0.082	0.131	14.614	16.628	18.947	21.619	24.703	0.856	0.124	15.470	17.943	20.467	23.037	25.649
7.5	-0.078	0.131	14.813	16.852	19.197	21.898	25.012	0.848	0.125	15.637	18.145	20.707	23.318	25.975
7.6	-0.075	0.131	15.016	17.079	19.451	22.180	25.325	0.841	0.125	15.805	18.347	20.948	23.600	26.302
7.7	-0.071	0.130	15.221	17.310	19.708	22.467	25.643	0.833	0.126	15.973	18.550	21.189	23.884	26.630
7.8	-0.068	0.130	15.430	17.544	19.970	22.758	25.965	0.826	0.126	16.142	18.754	21.431	24.168	26.961
7.9	-0.064	0.130	15.641	17.781	20.235	23.053	26.291	0.818	0.127	16.312	18.959	21.675	24.455	27.293
8.0	-0.061	0.130	15.857	18.022	20.505	23.352	26.623	0.811	0.127	16.482	19.165	21.920	24.743	27.628
8.1	-0.057	0.129	16.075	18.267	20.778	23.657	26.960	0.803	0.128	16.654	19.372	22.167	25.034	27.966
8.2	-0.054	0.129	16.297	18.517	21.056	23.966	27.302	0.796	0.128	16.827	19.581	22.416	25.327	28.307
8.3	-0.050	0.129	16.523	18.770	21.339	24.280	27.650	0.788	0.129	17.002	19.792	22.667	25.623	28.652
8.4	-0.046	0.128	16.753	19.027	21.626	24.600	28.003	0.781	0.129	17.179	20.005	22.921	25.921	29.000
8.5	-0.043	0.128	16.987	19.289	21.919	24.924	28.362	0.773	0.130	17.358	20.220	23.178	26.224	29.352
8.6	-0.039	0.128	17.225	19.556	22.216	25.255	28.727	0.766	0.130	17.538	20.438	23.437	26.529	29.709
8.7	-0.036	0.128	17.466	19.826	22.518	25.590	29.098	0.758	0.130	17.722	20.658	23.700	26.839	30.070
8.8	-0.032	0.127	17.712	20.101	22.825	25.931	29.475	0.751	0.131	17.908	20.882	23.966	27.153	30.436
8.9	-0.029	0.127	17.962	20.381	23.137	26.277	29.858	0.743	0.131	18.096	21.109	24.236	27.471	30.807
9.0	-0.025	0.127	18.215	20.665	23.453	26.629	30.246	0.736	0.132	18.288	21.339	24.511	27.794	31.184
9.1	-0.022	0.127	18.473	20.953	23.775	26.985	30.641	0.728	0.132	18.483	21.573	24.789	28.123	31.567
9.2	-0.018	0.126	18.734	21.246	24.101	27.347	31.040	0.721	0.133	18.682	21.811	25.072	28.456	31.956
9.3	-0.015	0.126	19.000	21.543	24.432	27.714	31.446	0.713	0.133	18.884	22.054	25.360	28.795	32.352
9.4	-0.011	0.126	19.269	21.844	24.767	28.087	31.857	0.706	0.133	19.090	22.301	25.654	29.141	32.755
9.5	-0.008	0.125	19.542	22.149	25.107	28.464	32.273	0.699	0.134	19.300	22.552	25.952	29.492	33.165
9.6	-0.004	0.125	19.818	22.458	25.451	28.845	32.694	0.691	0.134	19.515	22.809	26.257	29.851	33.583
9.7	-0.001	0.125	20.098	22.771	25.799	29.231	33.120	0.684	0.135	19.735	23.071	26.567	30.216	34.009
9.8	0.003	0.125	20.381	23.087	26.151	29.621	33.550	0.676	0.135	19.959	23.338	26.884	30.588	34.444
9.9	0.006	0.124	20.667	23.406	26.507	30.015	33.983	0.669	0.135	20.188	23.611	27.207	30.968	34.886
10.0	0.010	0.124	20.955	23.729	26.865	30.412	34.421	0.661	0.136	20.423	23.890	27.537	31.355	35.338
10.1	0.013	0.124	21.246	24.054	27.226	30.812	34.862	0.654	0.136	20.662	24.175	27.873	31.750	35.799
10.2	0.017	0.124	21.539	24.381	27.590	31.214	35.305	0.646	0.136	20.908	24.466	28.217	32.154	36.269
10.3	0.020	0.123	21.835	24.711	27.957	31.620	35.751	0.639	0.137	21.159	24.764	28.568	32.566	36.749

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
10.4	0.024	0.123	22.132	25.042	28.325	32.027	36.199	0.631	0.137	21.417	25.068	28.927	32.987	37.239
10.5	0.028	0.123	22.430	25.375	28.695	32.436	36.649	0.624	0.137	21.680	25.380	29.294	33.416	37.739
10.6	0.031	0.122	22.730	25.709	29.066	32.845	37.099	0.616	0.137	21.950	25.699	29.669	33.855	38.250
10.7	0.035	0.122	23.030	26.044	29.438	33.256	37.550	0.609	0.138	22.227	26.024	30.052	34.303	38.771
10.8	0.038	0.122	23.331	26.380	29.809	33.666	38.000	0.601	0.138	22.510	26.358	30.443	34.760	39.303
10.9	0.042	0.122	23.632	26.715	30.181	34.076	38.450	0.594	0.138	22.800	26.698	30.843	35.227	39.845
11.0	0.045	0.121	23.933	27.050	30.552	34.485	38.899	0.586	0.139	23.096	27.046	31.250	35.702	40.397
11.1	0.049	0.121	24.233	27.384	30.922	34.893	39.345	0.579	0.139	23.400	27.402	31.666	36.187	40.960
11.2	0.052	0.121	24.532	27.716	31.290	35.298	39.789	0.571	0.139	23.710	27.764	32.090	36.682	41.534
11.3	0.056	0.121	24.830	28.048	31.657	35.702	40.231	0.564	0.139	24.027	28.135	32.523	37.185	42.118
11.4	0.059	0.120	25.126	28.377	32.021	36.102	40.669	0.556	0.139	24.351	28.513	32.964	37.698	42.713
11.5	0.063	0.120	25.420	28.704	32.383	36.499	41.103	0.549	0.140	24.683	28.899	33.413	38.221	43.318
11.6	0.066	0.120	25.713	29.029	32.741	36.893	41.532	0.542	0.140	25.021	29.293	33.871	38.752	43.933
11.7	0.070	0.120	26.002	29.350	33.096	37.282	41.957	0.534	0.140	25.366	29.693	34.336	39.292	44.557
11.8	0.073	0.119	26.289	29.669	33.447	37.667	42.376	0.527	0.140	25.718	30.101	34.809	39.839	45.190
11.9	0.077	0.119	26.573	29.983	33.794	38.047	42.790	0.519	0.140	26.075	30.514	35.288	40.394	45.832
12.0	0.080	0.119	26.853	30.293	34.135	38.421	43.197	0.512	0.140	26.439	30.935	35.774	40.956	46.481
12.1	0.084	0.119	27.129	30.600	34.472	38.789	43.597	0.504	0.140	26.809	31.361	36.266	41.525	47.137
12.2	0.087	0.118	27.402	30.901	34.804	39.152	43.990	0.497	0.140	27.184	31.792	36.764	42.100	47.799
12.3	0.091	0.118	27.670	31.198	35.130	39.508	44.375	0.489	0.140	27.564	32.230	37.268	42.680	48.468
12.4	0.094	0.118	27.934	31.490	35.450	39.857	44.754	0.482	0.140	27.950	32.672	37.776	43.266	49.142
12.5	0.098	0.118	28.193	31.776	35.765	40.199	45.124	0.474	0.140	28.341	33.119	38.289	43.856	49.820
12.6	0.101	0.117	28.448	32.057	36.073	40.534	45.486	0.467	0.140	28.736	33.570	38.806	44.449	50.503
12.7	0.105	0.117	28.698	32.333	36.374	40.862	45.839	0.459	0.140	29.135	34.025	39.327	45.046	51.188
12.8	0.109	0.117	28.943	32.603	36.670	41.182	46.184	0.452	0.140	29.538	34.483	39.850	45.646	51.875
12.9	0.112	0.117	29.183	32.867	36.958	41.495	46.520	0.444	0.140	29.944	34.943	40.375	46.247	52.564
13.0	0.116	0.116	29.417	33.124	37.239	41.799	46.847	0.437	0.140	30.353	35.406	40.902	46.848	53.253
13.1	0.119	0.116	29.646	33.376	37.513	42.096	47.164	0.429	0.140	30.764	35.871	41.430	47.451	53.942
13.2	0.123	0.116	29.870	33.622	37.781	42.384	47.473	0.422	0.140	31.178	36.337	41.959	48.053	54.629
13.3	0.126	0.116	30.088	33.861	38.041	42.665	47.773	0.414	0.139	31.593	36.804	42.487	48.653	55.315
13.4	0.130	0.115	30.301	34.094	38.294	42.937	48.063	0.407	0.139	32.009	37.271	43.015	49.252	55.997
13.5	0.133	0.115	30.508	34.321	38.540	43.202	48.344	0.399	0.139	32.427	37.738	43.541	49.849	56.676
13.6	0.137	0.115	30.710	34.542	38.779	43.458	48.616	0.392	0.139	32.845	38.205	44.066	50.442	57.351
13.7	0.140	0.115	30.906	34.756	39.011	43.706	48.879	0.385	0.139	33.263	38.670	44.588	51.032	58.020
13.8	0.144	0.114	31.097	34.964	39.235	43.946	49.132	0.377	0.138	33.680	39.134	45.107	51.618	58.684
13.9	0.147	0.114	31.282	35.166	39.453	44.178	49.377	0.370	0.138	34.097	39.596	45.623	52.198	59.341
14.0	0.151	0.114	31.462	35.361	39.663	44.402	49.612	0.362	0.138	34.512	40.055	46.134	52.773	59.990
14.1	0.154	0.114	31.637	35.551	39.867	44.618	49.839	0.355	0.137	34.926	40.511	46.641	53.341	60.632
14.2	0.158	0.113	31.806	35.735	40.064	44.826	50.057	0.347	0.137	35.337	40.963	47.143	53.902	61.265
14.3	0.161	0.113	31.970	35.912	40.254	45.027	50.267	0.340	0.137	35.746	41.411	47.639	54.456	61.888
14.4	0.165	0.113	32.130	36.084	40.438	45.221	50.468	0.332	0.136	36.152	41.855	48.129	55.002	62.502
14.5	0.168	0.113	32.284	36.251	40.615	45.408	50.661	0.325	0.136	36.555	42.294	48.613	55.540	63.105
14.6	0.172	0.112	32.433	36.411	40.786	45.587	50.847	0.317	0.136	36.954	42.728	49.089	56.069	63.697
14.7	0.175	0.112	32.577	36.567	40.951	45.759	51.024	0.310	0.135	37.349	43.156	49.559	56.589	64.279
14.8	0.179	0.112	32.717	36.717	41.110	45.925	51.194	0.302	0.135	37.740	43.579	50.021	57.099	64.848
14.9	0.183	0.112	32.852	36.862	41.263	46.084	51.356	0.295	0.135	38.126	43.996	50.475	57.600	65.406
15.0	0.186	0.111	32.983	37.002	41.410	46.237	51.511	0.287	0.134	38.508	44.406	50.921	58.091	65.952
15.1	0.190	0.111	33.110	37.137	41.552	46.383	51.660	0.280	0.134	38.884	44.809	51.359	58.571	66.485
15.2	0.193	0.111	33.232	37.267	41.689	46.524	51.802	0.272	0.133	39.255	45.206	51.787	59.040	67.005
15.3	0.197	0.111	33.351	37.393	41.820	46.659	51.937	0.265	0.133	39.620	45.595	52.207	59.498	67.512
15.4	0.200	0.110	33.465	37.515	41.947	46.788	52.067	0.257	0.133	39.979	45.976	52.617	59.945	68.005
15.5	0.204	0.110	33.576	37.632	42.069	46.913	52.190	0.250	0.132	40.332	46.350	53.018	60.381	68.485
15.6	0.207	0.110	33.684	37.746	42.187	47.032	52.308	0.242	0.132	40.678	46.716	53.409	60.805	68.952
15.7	0.211	0.110	33.788	37.855	42.300	47.146	52.421	0.235	0.131	41.018	47.073	53.790	61.217	69.404
15.8	0.214	0.109	33.889	37.962	42.409	47.256	52.528	0.227	0.131	41.351	47.423	54.162	61.618	69.843
15.9	0.218	0.109	33.987	38.064	42.514	47.361	52.630	0.220	0.130	41.677	47.764	54.523	62.006	70.268
16.0	0.221	0.109	34.082	38.163	42.616	47.463	52.728	0.213	0.130	41.996	48.096	54.874	62.383	70.678
16.1	0.225	0.109	34.174	38.259	42.713	47.560	52.821	0.205	0.130	42.307	48.420	55.215	62.747	71.074
16.2	0.228	0.109	34.263	38.352	42.808	47.653	52.910	0.198	0.129	42.611	48.735	55.545	63.099	71.456
16.3	0.232	0.108	34.350	38.442	42.899	47.743	52.995	0.190	0.129	42.907	49.040	55.865	63.439	71.824
16.4	0.235	0.108	34.435	38.530	42.987	47.829	53.077	0.183	0.128	43.196	49.337	56.174	63.766	72.177
16.5	0.239	0.108	34.517	38.615	43.073	47.912	53.154	0.175	0.128	43.477	49.625	56.472	64.081	72.516
16.6	0.242	0.108	34.597	38.697	43.155	47.992	53.229	0.168	0.127	43.750	49.903	56.760	64.384	72.842
16.7	0.246	0.107	34.675	38.777	43.235	48.069	53.299	0.160	0.127	44.016	50.173	57.038	64.675	73.153
16.8	0.249	0.107	34.751	38.855	43.312	48.143	53.367	0.153	0.126	44.274	50.434	57.305	64.954	73.451
16.9	0.253	0.107	34.825	38.930	43.387	48.214	53.432	0.145	0.126	44.524	50.686	57.562	65.221	73.735
17.0	0.257	0.107	34.897	39.004	43.460	48.283	53.494	0.138	0.126	44.766	50.928	57.809	65.476	74.005
17.1	0.260	0.106	34.967	39.075	43.530	48.350	53.553	0.130	0.125	45.000	51.162	58.045	65.720	74.262
17.2	0.264	0.106	35.036	39.145	43.598	48.414	53.610	0.123	0.125	45.226	51.387	58.271	65.951	74.505
17.3	0.267	0.106	35.103	39.213	43.664	48.476	53.664	0.115	0.124	45.445	51.602	58.487	66.171	74.736

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
17.4	0.271	0.106	35.169	39.279	43.729	48.535	53.716	0.108	0.124	45.656	51.810	58.693	66.380	74.953
17.5	0.274	0.106	35.234	39.344	43.792	48.593	53.766	0.100	0.123	45.859	52.008	58.889	66.578	75.158
17.6	0.278	0.105	35.297	39.407	43.853	48.649	53.814	0.093	0.123	46.055	52.198	59.075	66.764	75.351
17.7	0.281	0.105	35.359	39.469	43.912	48.703	53.860	0.085	0.123	46.243	52.379	59.252	66.940	75.531
17.8	0.285	0.105	35.419	39.529	43.970	48.756	53.904	0.078	0.122	46.423	52.552	59.419	67.105	75.699
17.9	0.288	0.105	35.479	39.588	44.026	48.807	53.946	0.070	0.122	46.597	52.717	59.577	67.260	75.855
18.0	0.292	0.104	35.537	39.646	44.081	48.856	53.986	0.063	0.121	46.762	52.873	59.726	67.404	75.999
18.1	0.295	0.104	35.594	39.703	44.134	48.904	54.025	0.056	0.121	46.921	53.021	59.865	67.538	76.133
18.2	0.299	0.104	35.650	39.758	44.187	48.950	54.063	0.048	0.121	47.072	53.162	59.996	67.662	76.255
18.3	0.302	0.104	35.706	39.813	44.238	48.995	54.099	0.041	0.120	47.217	53.295	60.119	67.777	76.367
18.4	0.306	0.104	35.760	39.866	44.288	49.039	54.133	0.033	0.120	47.355	53.420	60.233	67.883	76.468
18.5	0.309	0.103	35.814	39.919	44.337	49.082	54.167	0.026	0.119	47.486	53.539	60.340	67.980	76.560
18.6	0.313	0.103	35.867	39.970	44.385	49.124	54.199	0.018	0.119	47.612	53.650	60.439	68.069	76.643
18.7	0.316	0.103	35.919	40.021	44.432	49.165	54.231	0.011	0.119	47.731	53.755	60.530	68.150	76.716
18.8	0.320	0.103	35.971	40.072	44.479	49.205	54.261	0.003	0.118	47.844	53.853	60.615	68.222	76.781
18.9	0.323	0.102	36.022	40.121	44.525	49.244	54.291	-0.004	0.118	47.951	53.945	60.693	68.288	76.838
19.0	0.327	0.102	36.073	40.170	44.570	49.283	54.320	-0.012	0.118	48.053	54.032	60.764	68.346	76.887
19.1	0.330	0.102	36.123	40.219	44.614	49.321	54.348	-0.019	0.117	48.150	54.113	60.830	68.398	76.929
19.2	0.334	0.102	36.173	40.267	44.659	49.358	54.376	-0.027	0.117	48.242	54.188	60.889	68.444	76.964
19.3	0.338	0.102	36.223	40.315	44.702	49.395	54.403	-0.034	0.116	48.329	54.258	60.944	68.484	76.993
19.4	0.341	0.101	36.272	40.362	44.746	49.431	54.430	-0.042	0.116	48.412	54.324	60.993	68.519	77.017
19.5	0.345	0.101	36.321	40.409	44.789	49.468	54.456	-0.049	0.116	48.491	54.386	61.038	68.549	77.035
19.6	0.348	0.101	36.370	40.456	44.831	49.504	54.482	-0.057	0.115	48.566	54.444	61.079	68.575	77.049
19.7	0.352	0.101	36.418	40.503	44.874	49.539	54.508	-0.064	0.115	48.638	54.498	61.117	68.597	77.058
19.8	0.355	0.100	36.467	40.550	44.916	49.575	54.534	-0.072	0.115	48.706	54.550	61.151	68.615	77.064
19.9	0.359	0.100	36.515	40.596	44.959	49.610	54.560	-0.079	0.114	48.772	54.598	61.182	68.630	77.067
20.0	0.362	0.100	36.564	40.643	45.001	49.646	54.586	-0.087	0.114	48.835	54.644	61.210	68.643	77.067

Table S30. Subtotal Lean Soft Tissue Mass, kg

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.346	0.147	7.882	9.244	10.751	12.410	14.227	-0.099	0.140	8.824	10.119	11.627	13.385	15.439
5.1	0.343	0.147	8.023	9.406	10.938	12.626	14.476	-0.097	0.140	8.971	10.289	11.822	13.609	15.696
5.2	0.339	0.147	8.163	9.569	11.126	12.842	14.724	-0.094	0.140	9.119	10.459	12.017	13.833	15.954
5.3	0.336	0.147	8.303	9.731	11.313	13.058	14.972	-0.091	0.140	9.266	10.628	12.212	14.058	16.211
5.4	0.332	0.147	8.444	9.894	11.501	13.274	15.220	-0.089	0.140	9.414	10.799	12.408	14.282	16.469
5.5	0.329	0.147	8.585	10.056	11.688	13.489	15.468	-0.086	0.140	9.562	10.969	12.604	14.507	16.727
5.6	0.325	0.147	8.725	10.219	11.876	13.705	15.716	-0.083	0.140	9.710	11.140	12.801	14.733	16.986
5.7	0.322	0.147	8.866	10.381	12.063	13.921	15.963	-0.081	0.140	9.858	11.311	12.998	14.959	17.245
5.8	0.318	0.147	9.007	10.543	12.250	14.136	16.211	-0.078	0.140	10.007	11.483	13.195	15.186	17.504
5.9	0.315	0.146	9.147	10.706	12.437	14.352	16.459	-0.076	0.140	10.157	11.654	13.393	15.413	17.765
6.0	0.311	0.146	9.288	10.868	12.625	14.567	16.706	-0.073	0.140	10.306	11.827	13.591	15.641	18.026
6.1	0.308	0.146	9.429	11.031	12.812	14.783	16.954	-0.070	0.140	10.456	12.000	13.790	15.869	18.287
6.2	0.304	0.146	9.570	11.194	12.999	14.998	17.202	-0.068	0.140	10.606	12.173	13.990	16.098	18.550
6.3	0.301	0.146	9.712	11.357	13.187	15.214	17.450	-0.065	0.140	10.757	12.347	14.190	16.328	18.813
6.4	0.297	0.146	9.854	11.520	13.375	15.431	17.699	-0.062	0.140	10.909	12.522	14.390	16.558	19.076
6.5	0.294	0.146	9.996	11.683	13.563	15.647	17.947	-0.060	0.140	11.060	12.697	14.592	16.790	19.341
6.6	0.290	0.146	10.138	11.847	13.752	15.864	18.197	-0.057	0.140	11.213	12.872	14.794	17.022	19.607
6.7	0.287	0.146	10.281	12.012	13.941	16.081	18.447	-0.055	0.140	11.365	13.049	14.997	17.254	19.873
6.8	0.283	0.146	10.424	12.176	14.130	16.299	18.697	-0.052	0.140	11.519	13.226	15.200	17.488	20.140
6.9	0.280	0.146	10.568	12.342	14.321	16.518	18.949	-0.049	0.140	11.673	13.403	15.405	17.722	20.409
7.0	0.276	0.146	10.713	12.508	14.512	16.738	19.202	-0.047	0.140	11.827	13.581	15.610	17.958	20.678
7.1	0.273	0.146	10.858	12.675	14.704	16.959	19.456	-0.044	0.140	11.982	13.760	15.816	18.194	20.948
7.2	0.269	0.145	11.005	12.843	14.897	17.181	19.712	-0.041	0.140	12.137	13.939	16.022	18.431	21.219
7.3	0.265	0.145	11.152	13.013	15.092	17.405	19.969	-0.039	0.140	12.293	14.119	16.229	18.668	21.490
7.4	0.262	0.145	11.301	13.183	15.288	17.631	20.228	-0.036	0.140	12.449	14.300	16.437	18.906	21.763
7.5	0.258	0.145	11.451	13.355	15.485	17.858	20.489	-0.034	0.140	12.606	14.481	16.645	19.145	22.036
7.6	0.255	0.145	11.602	13.529	15.685	18.087	20.753	-0.031	0.140	12.763	14.662	16.854	19.385	22.310
7.7	0.251	0.145	11.755	13.704	15.886	18.318	21.019	-0.028	0.140	12.921	14.844	17.063	19.625	22.584
7.8	0.248	0.145	11.909	13.882	16.090	18.553	21.289	-0.026	0.140	13.079	15.027	17.273	19.866	22.860
7.9	0.244	0.145	12.066	14.061	16.296	18.790	21.561	-0.023	0.140	13.237	15.210	17.484	20.108	23.136
8.0	0.241	0.145	12.225	14.243	16.505	19.030	21.838	-0.021	0.140	13.396	15.394	17.696	20.351	23.413
8.1	0.237	0.145	12.386	14.428	16.717	19.274	22.118	-0.018	0.140	13.556	15.578	17.908	20.594	23.691
8.2	0.234	0.145	12.549	14.615	16.933	19.521	22.403	-0.015	0.140	13.716	15.763	18.122	20.839	23.971
8.3	0.230	0.145	12.716	14.806	17.151	19.773	22.692	-0.013	0.140	13.877	15.950	18.336	21.085	24.251
8.4	0.227	0.145	12.885	15.000	17.374	20.029	22.987	-0.010	0.140	14.039	16.137	18.551	21.332	24.533
8.5	0.223	0.144	13.058	15.198	17.601	20.289	23.286	-0.007	0.140	14.202	16.325	18.768	21.580	24.817
8.6	0.220	0.144	13.233	15.399	17.832	20.555	23.592	-0.005	0.140	14.365	16.514	18.985	21.829	25.101
8.7	0.216	0.144	13.412	15.604	18.067	20.825	23.903	-0.002	0.140	14.529	16.704	19.204	22.080	25.388
8.8	0.213	0.144	13.595	15.813	18.308	21.101	24.221	0.000	0.140	14.695	16.895	19.425	22.333	25.676
8.9	0.209	0.144	13.781	16.027	18.553	21.383	24.545	0.003	0.140	14.862	17.088	19.647	22.588	25.967
9.0	0.206	0.144	13.972	16.245	18.803	21.671	24.875	0.006	0.139	15.030	17.283	19.872	22.845	26.261
9.1	0.202	0.144	14.166	16.468	19.059	21.964	25.213	0.008	0.139	15.200	17.480	20.098	23.105	26.557
9.2	0.199	0.144	14.365	16.695	19.320	22.265	25.559	0.011	0.139	15.373	17.679	20.328	23.368	26.857
9.3	0.195	0.144	14.568	16.928	19.587	22.571	25.912	0.014	0.139	15.547	17.881	20.560	23.634	27.160
9.4	0.192	0.144	14.776	17.166	19.859	22.885	26.272	0.016	0.139	15.723	18.085	20.795	23.903	27.468
9.5	0.188	0.144	14.987	17.408	20.138	23.205	26.640	0.019	0.139	15.902	18.292	21.033	24.176	27.779
9.6	0.185	0.144	15.204	17.656	20.422	23.531	27.016	0.021	0.139	16.084	18.502	21.275	24.454	28.096
9.7	0.181	0.144	15.425	17.909	20.712	23.864	27.399	0.024	0.139	16.268	18.716	21.521	24.736	28.417
9.8	0.178	0.143	15.650	18.167	21.008	24.204	27.790	0.027	0.139	16.456	18.933	21.772	25.023	28.744
9.9	0.174	0.143	15.879	18.429	21.309	24.550	28.188	0.029	0.139	16.648	19.155	22.027	25.315	29.078
10.0	0.171	0.143	16.113	18.697	21.616	24.903	28.594	0.032	0.139	16.843	19.381	22.287	25.614	29.418
10.1	0.167	0.143	16.351	18.970	21.929	25.262	29.008	0.035	0.139	17.043	19.612	22.553	25.918	29.766
10.2	0.164	0.143	16.594	19.248	22.247	25.628	29.429	0.037	0.139	17.247	19.848	22.825	26.230	30.121
10.3	0.160	0.143	16.841	19.530	22.571	26.000	29.857	0.040	0.139	17.455	20.090	23.104	26.549	30.485
10.4	0.157	0.143	17.091	19.816	22.899	26.377	30.291	0.042	0.139	17.669	20.337	23.389	26.876	30.858
10.5	0.153	0.143	17.345	20.107	23.232	26.760	30.731	0.045	0.139	17.889	20.591	23.681	27.211	31.240
10.6	0.149	0.143	17.602	20.401	23.569	27.147	31.177	0.048	0.139	18.114	20.852	23.981	27.555	31.632
10.7	0.146	0.143	17.862	20.699	23.911	27.539	31.628	0.050	0.139	18.345	21.119	24.289	27.908	32.034
10.8	0.142	0.143	18.126	20.999	24.255	27.935	32.083	0.053	0.139	18.582	21.393	24.605	28.270	32.447
10.9	0.139	0.143	18.391	21.303	24.603	28.334	32.543	0.056	0.139	18.825	21.675	24.929	28.641	32.871
11.0	0.135	0.143	18.659	21.609	24.954	28.737	33.007	0.058	0.139	19.075	21.964	25.262	29.023	33.306
11.1	0.132	0.142	18.929	21.917	25.307	29.143	33.473	0.061	0.139	19.331	22.261	25.604	29.415	33.753
11.2	0.128	0.142	19.200	22.227	25.662	29.550	33.943	0.063	0.139	19.595	22.566	25.956	29.818	34.213
11.3	0.125	0.142	19.473	22.538	26.018	29.959	34.413	0.066	0.139	19.866	22.880	26.317	30.231	34.685
11.4	0.121	0.142	19.746	22.850	26.375	30.369	34.885	0.069	0.139	20.144	23.202	26.688	30.656	35.169

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.5	0.118	0.142	20.019	23.162	26.732	30.779	35.357	0.071	0.139	20.430	23.533	27.069	31.093	35.667
11.6	0.114	0.142	20.293	23.474	27.089	31.188	35.828	0.074	0.139	20.723	23.872	27.459	31.541	36.178
11.7	0.111	0.142	20.565	23.784	27.444	31.597	36.298	0.076	0.139	21.023	24.220	27.860	32.000	36.701
11.8	0.107	0.142	20.837	24.094	27.798	32.003	36.766	0.079	0.139	21.331	24.576	28.270	32.470	37.237
11.9	0.104	0.142	21.107	24.402	28.150	32.407	37.231	0.082	0.139	21.645	24.940	28.689	32.950	37.785
12.0	0.100	0.142	21.376	24.708	28.500	32.808	37.693	0.084	0.139	21.966	25.312	29.118	33.441	38.345
12.1	0.097	0.142	21.642	25.011	28.846	33.205	38.151	0.087	0.139	22.295	25.692	29.555	33.943	38.917
12.2	0.093	0.142	21.905	25.311	29.189	33.598	38.604	0.090	0.139	22.630	26.080	30.002	34.455	39.501
12.3	0.090	0.142	22.166	25.607	29.527	33.987	39.051	0.092	0.139	22.971	26.475	30.457	34.976	40.096
12.4	0.086	0.141	22.424	25.900	29.861	34.370	39.492	0.095	0.139	23.319	26.878	30.921	35.508	40.702
12.5	0.083	0.141	22.677	26.188	30.190	34.747	39.927	0.097	0.139	23.672	27.287	31.393	36.048	41.318
12.6	0.079	0.141	22.927	26.471	30.514	35.118	40.354	0.100	0.139	24.031	27.703	31.872	36.597	41.944
12.7	0.076	0.141	23.172	26.749	30.831	35.481	40.773	0.103	0.139	24.396	28.125	32.358	37.154	42.578
12.8	0.072	0.141	23.413	27.022	31.142	35.838	41.184	0.105	0.139	24.764	28.552	32.850	37.718	43.221
12.9	0.069	0.141	23.649	27.289	31.446	36.186	41.586	0.108	0.139	25.137	28.984	33.348	38.288	43.871
13.0	0.065	0.141	23.879	27.550	31.743	36.527	41.978	0.111	0.139	25.514	29.421	33.850	38.864	44.527
13.1	0.062	0.141	24.104	27.805	32.033	36.859	42.361	0.113	0.139	25.894	29.861	34.358	39.445	45.189
13.2	0.058	0.141	24.324	28.053	32.315	37.183	42.734	0.116	0.139	26.277	30.305	34.869	40.030	45.856
13.3	0.055	0.141	24.539	28.295	32.591	37.498	43.098	0.118	0.139	26.662	30.751	35.383	40.619	46.527
13.4	0.051	0.141	24.747	28.530	32.858	37.804	43.451	0.121	0.139	27.049	31.200	35.900	41.212	47.202
13.5	0.048	0.141	24.950	28.759	33.117	38.101	43.793	0.124	0.139	27.438	31.650	36.419	41.806	47.878
13.6	0.044	0.141	25.146	28.980	33.369	38.388	44.125	0.126	0.139	27.827	32.101	36.938	42.401	48.556
13.7	0.041	0.140	25.337	29.194	33.611	38.666	44.446	0.129	0.139	28.216	32.552	37.458	42.996	49.234
13.8	0.037	0.140	25.521	29.401	33.846	38.935	44.756	0.132	0.139	28.604	33.003	37.977	43.591	49.911
13.9	0.034	0.140	25.700	29.601	34.073	39.194	45.055	0.134	0.139	28.992	33.452	38.495	44.184	50.586
14.0	0.030	0.140	25.872	29.795	34.291	39.444	45.344	0.137	0.139	29.378	33.900	39.011	44.774	51.258
14.1	0.026	0.140	26.038	29.981	34.502	39.684	45.622	0.139	0.139	29.761	34.345	39.524	45.361	51.925
14.2	0.023	0.140	26.199	30.160	34.704	39.916	45.889	0.142	0.139	30.142	34.787	40.033	45.944	52.588
14.3	0.019	0.140	26.353	30.332	34.899	40.138	46.146	0.145	0.139	30.519	35.224	40.537	46.521	53.245
14.4	0.016	0.140	26.502	30.498	35.086	40.351	46.392	0.147	0.139	30.892	35.658	41.037	47.093	53.895
14.5	0.012	0.140	26.645	30.657	35.264	40.555	46.628	0.150	0.139	31.261	36.087	41.531	47.659	54.538
14.6	0.009	0.140	26.782	30.809	35.436	40.750	46.854	0.153	0.139	31.626	36.510	42.019	48.217	55.173
14.7	0.005	0.140	26.913	30.954	35.599	40.937	47.069	0.155	0.139	31.985	36.928	42.500	48.768	55.799
14.8	0.002	0.140	27.039	31.094	35.755	41.114	47.275	0.158	0.139	32.339	37.339	42.974	49.310	56.415
14.9	-0.002	0.140	27.159	31.226	35.904	41.284	47.472	0.160	0.139	32.687	37.743	43.440	49.843	57.020
15.0	-0.005	0.140	27.274	31.353	36.046	41.446	47.659	0.163	0.139	33.028	38.140	43.898	50.367	57.615
15.1	-0.009	0.139	27.384	31.474	36.181	41.599	47.836	0.166	0.139	33.363	38.529	44.347	50.880	58.197
15.2	-0.012	0.139	27.489	31.589	36.309	41.745	48.005	0.168	0.139	33.690	38.910	44.786	51.382	58.767
15.3	-0.016	0.139	27.588	31.698	36.431	41.883	48.165	0.171	0.139	34.010	39.283	45.216	51.873	59.324
15.4	-0.019	0.139	27.683	31.801	36.546	42.013	48.317	0.173	0.139	34.323	39.647	45.636	52.353	59.868
15.5	-0.023	0.139	27.774	31.900	36.655	42.137	48.460	0.176	0.139	34.628	40.002	46.045	52.822	60.399
15.6	-0.026	0.139	27.859	31.993	36.757	42.253	48.596	0.179	0.139	34.925	40.349	46.445	53.279	60.917
15.7	-0.030	0.139	27.941	32.081	36.855	42.363	48.724	0.181	0.139	35.215	40.687	46.835	53.724	61.421
15.8	-0.033	0.139	28.018	32.164	36.946	42.467	48.844	0.184	0.139	35.497	41.015	47.214	54.157	61.912
15.9	-0.037	0.139	28.091	32.242	37.032	42.564	48.958	0.187	0.139	35.771	41.335	47.583	54.579	62.389
16.0	-0.040	0.139	28.161	32.316	37.113	42.656	49.064	0.189	0.139	36.037	41.645	47.941	54.988	62.851
16.1	-0.044	0.139	28.226	32.386	37.190	42.742	49.164	0.192	0.139	36.295	41.946	48.289	55.384	63.300
16.2	-0.047	0.139	28.289	32.452	37.261	42.822	49.259	0.194	0.139	36.545	42.238	48.625	55.769	63.734
16.3	-0.051	0.139	28.348	32.514	37.328	42.898	49.347	0.197	0.139	36.786	42.521	48.951	56.141	64.155
16.4	-0.054	0.139	28.403	32.572	37.391	42.968	49.429	0.200	0.139	37.020	42.794	49.267	56.501	64.562
16.5	-0.058	0.138	28.456	32.627	37.450	43.034	49.507	0.202	0.139	37.247	43.059	49.573	56.850	64.955
16.6	-0.061	0.138	28.506	32.678	37.505	43.096	49.579	0.205	0.139	37.465	43.315	49.869	57.187	65.335
16.7	-0.065	0.138	28.553	32.727	37.557	43.154	49.647	0.208	0.139	37.676	43.562	50.154	57.513	65.702
16.8	-0.068	0.138	28.597	32.772	37.605	43.207	49.710	0.210	0.139	37.880	43.801	50.430	57.827	66.056
16.9	-0.072	0.138	28.639	32.815	37.650	43.257	49.769	0.213	0.139	38.077	44.032	50.696	58.131	66.398
17.0	-0.075	0.138	28.679	32.855	37.693	43.304	49.824	0.215	0.139	38.266	44.254	50.953	58.423	66.727
17.1	-0.079	0.138	28.717	32.893	37.732	43.348	49.876	0.218	0.139	38.448	44.468	51.201	58.705	67.044
17.2	-0.082	0.138	28.753	32.929	37.769	43.389	49.924	0.221	0.139	38.624	44.674	51.439	58.977	67.349
17.3	-0.086	0.138	28.787	32.963	37.804	43.426	49.969	0.223	0.139	38.793	44.873	51.669	59.239	67.643
17.4	-0.090	0.138	28.820	32.994	37.836	43.462	50.011	0.226	0.139	38.956	45.065	51.891	59.491	67.925
17.5	-0.093	0.138	28.851	33.024	37.866	43.495	50.051	0.229	0.139	39.112	45.249	52.104	59.733	68.197
17.6	-0.097	0.138	28.880	33.052	37.894	43.525	50.087	0.231	0.139	39.262	45.427	52.309	59.967	68.458
17.7	-0.100	0.138	28.908	33.078	37.921	43.554	50.121	0.234	0.139	39.407	45.597	52.507	60.191	68.709
17.8	-0.104	0.137	28.934	33.103	37.945	43.580	50.153	0.236	0.139	39.546	45.762	52.697	60.407	68.951
17.9	-0.107	0.137	28.960	33.127	37.968	43.605	50.183	0.239	0.139	39.680	45.920	52.880	60.615	69.183
18.0	-0.111	0.137	28.984	33.149	37.990	43.628	50.211	0.242	0.139	39.808	46.072	53.056	60.815	69.406
18.1	-0.114	0.137	29.007	33.170	38.010	43.649	50.237	0.244	0.139	39.932	46.218	53.226	61.007	69.620
18.2	-0.118	0.137	29.029	33.190	38.028	43.669	50.261	0.247	0.139	40.051	46.359	53.389	61.193	69.826

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.3	-0.121	0.137	29.050	33.209	38.046	43.687	50.284	0.250	0.139	40.165	46.495	53.546	61.371	70.024
18.4	-0.125	0.137	29.071	33.226	38.062	43.705	50.305	0.252	0.139	40.275	46.626	53.698	61.543	70.215
18.5	-0.128	0.137	29.090	33.243	38.078	43.720	50.324	0.255	0.139	40.381	46.752	53.844	61.708	70.398
18.6	-0.132	0.137	29.109	33.259	38.092	43.735	50.343	0.257	0.139	40.483	46.874	53.985	61.868	70.575
18.7	-0.135	0.137	29.127	33.274	38.106	43.749	50.360	0.260	0.139	40.581	46.991	54.121	62.022	70.746
18.8	-0.139	0.137	29.144	33.289	38.118	43.762	50.376	0.263	0.139	40.676	47.105	54.253	62.171	70.910
18.9	-0.142	0.137	29.161	33.303	38.130	43.773	50.391	0.265	0.139	40.768	47.214	54.380	62.315	71.069
19.0	-0.146	0.137	29.177	33.316	38.141	43.784	50.405	0.268	0.139	40.856	47.321	54.504	62.455	71.223
19.1	-0.149	0.137	29.193	33.328	38.152	43.794	50.418	0.270	0.139	40.942	47.424	54.624	62.590	71.372
19.2	-0.153	0.136	29.208	33.340	38.161	43.804	50.430	0.273	0.139	41.026	47.524	54.740	62.721	71.516
19.3	-0.156	0.136	29.223	33.352	38.170	43.813	50.442	0.276	0.139	41.106	47.621	54.853	62.849	71.656
19.4	-0.160	0.136	29.237	33.363	38.179	43.821	50.453	0.278	0.139	41.185	47.716	54.963	62.973	71.792
19.5	-0.163	0.136	29.251	33.373	38.187	43.828	50.463	0.281	0.139	41.261	47.808	55.070	63.093	71.925
19.6	-0.167	0.136	29.264	33.383	38.195	43.835	50.472	0.284	0.139	41.336	47.898	55.175	63.211	72.054
19.7	-0.170	0.136	29.277	33.393	38.202	43.842	50.481	0.286	0.139	41.408	47.986	55.277	63.326	72.180
19.8	-0.174	0.136	29.290	33.402	38.209	43.848	50.489	0.289	0.139	41.480	48.072	55.377	63.439	72.303
19.9	-0.177	0.136	29.303	33.411	38.215	43.853	50.497	0.291	0.139	41.549	48.156	55.475	63.550	72.423
20.0	-0.181	0.136	29.315	33.420	38.221	43.859	50.504	0.294	0.139	41.618	48.239	55.572	63.658	72.542
Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.159	0.152	7.897	9.144	10.626	12.393	14.509	0.947	0.127	9.281	10.833	12.396	13.970	15.554
5.1	-0.154	0.152	8.086	9.362	10.878	12.683	14.843	0.941	0.127	9.445	11.028	12.625	14.234	15.853
5.2	-0.150	0.152	8.274	9.580	11.129	12.973	15.177	0.934	0.127	9.608	11.223	12.853	14.497	16.154
5.3	-0.145	0.151	8.463	9.798	11.381	13.263	15.511	0.928	0.128	9.772	11.418	13.082	14.761	16.455
5.4	-0.141	0.151	8.652	10.017	11.633	13.554	15.845	0.921	0.128	9.935	11.613	13.311	15.026	16.756
5.5	-0.137	0.151	8.841	10.235	11.885	13.844	16.178	0.914	0.129	10.098	11.808	13.540	15.290	17.058
5.6	-0.132	0.151	9.030	10.454	12.138	14.135	16.512	0.908	0.129	10.261	12.003	13.769	15.555	17.361
5.7	-0.128	0.151	9.220	10.673	12.390	14.425	16.845	0.901	0.129	10.424	12.198	13.998	15.821	17.665
5.8	-0.123	0.150	9.410	10.893	12.643	14.716	17.179	0.894	0.130	10.586	12.392	14.227	16.086	17.969
5.9	-0.119	0.150	9.600	11.113	12.897	15.007	17.512	0.888	0.130	10.749	12.587	14.456	16.352	18.274
6.0	-0.115	0.150	9.791	11.333	13.150	15.299	17.846	0.881	0.131	10.911	12.781	14.685	16.618	18.579
6.1	-0.110	0.150	9.982	11.554	13.405	15.591	18.180	0.875	0.131	11.073	12.975	14.914	16.885	18.885
6.2	-0.106	0.150	10.174	11.775	13.660	15.883	18.515	0.868	0.132	11.234	13.169	15.143	17.151	19.191
6.3	-0.101	0.149	10.366	11.997	13.915	16.177	18.850	0.861	0.132	11.396	13.363	15.372	17.418	19.498
6.4	-0.097	0.149	10.559	12.220	14.172	16.471	19.185	0.855	0.132	11.557	13.557	15.601	17.685	19.806
6.5	-0.093	0.149	10.753	12.443	14.429	16.765	19.522	0.848	0.133	11.717	13.750	15.830	17.952	20.113
6.6	-0.088	0.149	10.947	12.668	14.687	17.061	19.859	0.841	0.133	11.878	13.943	16.059	18.219	20.422
6.7	-0.084	0.149	11.143	12.893	14.946	17.358	20.197	0.835	0.134	12.038	14.136	16.287	18.487	20.730
6.8	-0.079	0.148	11.339	13.120	15.206	17.656	20.536	0.828	0.134	12.197	14.329	16.516	18.754	21.039
6.9	-0.075	0.148	11.536	13.347	15.468	17.955	20.876	0.822	0.134	12.357	14.521	16.744	19.021	21.348
7.0	-0.071	0.148	11.735	13.576	15.731	18.255	21.218	0.815	0.135	12.516	14.713	16.972	19.288	21.658
7.1	-0.066	0.148	11.935	13.807	15.995	18.557	21.561	0.808	0.135	12.676	14.905	17.200	19.556	21.968
7.2	-0.062	0.148	12.136	14.038	16.261	18.860	21.906	0.802	0.136	12.835	15.097	17.429	19.825	22.279
7.3	-0.058	0.147	12.338	14.271	16.528	19.166	22.252	0.795	0.136	12.994	15.289	17.658	20.094	22.591
7.4	-0.053	0.147	12.542	14.506	16.797	19.473	22.600	0.788	0.136	13.154	15.482	17.887	20.363	22.904
7.5	-0.049	0.147	12.747	14.743	17.068	19.781	22.950	0.782	0.137	13.313	15.675	18.117	20.634	23.219
7.6	-0.044	0.147	12.955	14.981	17.341	20.092	23.302	0.775	0.137	13.474	15.869	18.348	20.905	23.535
7.7	-0.040	0.147	13.164	15.222	17.616	20.405	23.656	0.769	0.138	13.634	16.063	18.579	21.178	23.852
7.8	-0.036	0.146	13.374	15.464	17.894	20.721	24.013	0.762	0.138	13.796	16.258	18.812	21.452	24.171
7.9	-0.031	0.146	13.587	15.708	18.173	21.038	24.371	0.755	0.139	13.958	16.453	19.045	21.727	24.492
8.0	-0.027	0.146	13.802	15.955	18.454	21.358	24.732	0.749	0.139	14.121	16.650	19.281	22.004	24.816
8.1	-0.022	0.146	14.018	16.203	18.738	21.679	25.094	0.742	0.139	14.285	16.849	19.517	22.284	25.142
8.2	-0.018	0.145	14.237	16.454	19.024	22.004	25.460	0.736	0.140	14.451	17.049	19.756	22.566	25.471
8.3	-0.014	0.145	14.457	16.707	19.312	22.330	25.827	0.729	0.140	14.618	17.251	19.997	22.850	25.803
8.4	-0.009	0.145	14.680	16.962	19.603	22.659	26.197	0.722	0.140	14.787	17.455	20.241	23.138	26.140
8.5	-0.005	0.145	14.905	17.220	19.896	22.990	26.569	0.716	0.141	14.958	17.661	20.487	23.429	26.480
8.6	0.000	0.144	15.132	17.480	20.192	23.324	26.943	0.709	0.141	15.132	17.870	20.736	23.723	26.824
8.7	0.004	0.144	15.362	17.742	20.489	23.660	27.319	0.702	0.142	15.307	18.081	20.989	24.021	27.173
8.8	0.008	0.144	15.594	18.007	20.790	23.999	27.698	0.696	0.142	15.485	18.296	21.245	24.324	27.526
8.9	0.013	0.143	15.827	18.274	21.092	24.339	28.079	0.689	0.142	15.666	18.514	21.504	24.631	27.885
9.0	0.017	0.143	16.064	18.543	21.397	24.682	28.461	0.683	0.143	15.850	18.735	21.768	24.942	28.250
9.1	0.022	0.143	16.302	18.814	21.704	25.026	28.845	0.676	0.143	16.038	18.960	22.036	25.259	28.620
9.2	0.026	0.142	16.542	19.088	22.013	25.373	29.231	0.669	0.143	16.229	19.189	22.309	25.581	28.997
9.3	0.030	0.142	16.785	19.363	22.324	25.722	29.619	0.663	0.144	16.423	19.422	22.587	25.908	29.381
9.4	0.035	0.142	17.029	19.641	22.637	26.072	30.008	0.656	0.144	16.621	19.660	22.869	26.242	29.771
9.5	0.039	0.141	17.276	19.921	22.952	26.424	30.398	0.649	0.144	16.824	19.902	23.158	26.582	30.169

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
9.6	0.044	0.141	17.525	20.203	23.269	26.778	30.790	0.643	0.145	17.031	20.150	23.451	26.929	30.574
9.7	0.048	0.140	17.775	20.486	23.588	27.133	31.182	0.636	0.145	17.242	20.402	23.751	27.282	30.988
9.8	0.052	0.140	18.028	20.771	23.907	27.489	31.574	0.630	0.145	17.458	20.660	24.057	27.643	31.409
9.9	0.057	0.140	18.282	21.058	24.229	27.845	31.968	0.623	0.145	17.679	20.923	24.370	28.011	31.840
10.0	0.061	0.139	18.538	21.346	24.551	28.203	32.361	0.616	0.146	17.905	21.193	24.689	28.387	32.279
10.1	0.066	0.139	18.795	21.636	24.874	28.561	32.754	0.610	0.146	18.136	21.468	25.015	28.770	32.727
10.2	0.070	0.138	19.053	21.926	25.198	28.919	33.146	0.603	0.146	18.373	21.750	25.348	29.162	33.185
10.3	0.074	0.138	19.313	22.218	25.523	29.278	33.539	0.596	0.146	18.616	22.038	25.689	29.562	33.652
10.4	0.079	0.137	19.574	22.511	25.848	29.636	33.930	0.590	0.147	18.865	22.333	26.037	29.971	34.130
10.5	0.083	0.137	19.836	22.804	26.173	29.994	34.320	0.583	0.147	19.120	22.635	26.393	30.389	34.618
10.6	0.087	0.137	20.099	23.097	26.499	30.351	34.708	0.577	0.147	19.381	22.943	26.757	30.816	35.116
10.7	0.092	0.136	20.363	23.391	26.824	30.707	35.095	0.570	0.147	19.648	23.259	27.129	31.253	35.624
10.8	0.096	0.136	20.627	23.685	27.148	31.062	35.479	0.563	0.148	19.922	23.582	27.509	31.698	36.143
10.9	0.101	0.135	20.891	23.979	27.472	31.416	35.861	0.557	0.148	20.202	23.913	27.898	32.153	36.673
11.0	0.105	0.135	21.155	24.272	27.795	31.767	36.241	0.550	0.148	20.489	24.250	28.294	32.616	37.213
11.1	0.109	0.134	21.419	24.565	28.116	32.117	36.617	0.544	0.148	20.783	24.595	28.699	33.089	37.763
11.2	0.114	0.133	21.684	24.857	28.436	32.465	36.991	0.537	0.148	21.083	24.948	29.112	33.572	38.324
11.3	0.118	0.133	21.947	25.149	28.755	32.810	37.361	0.530	0.148	21.390	25.308	29.533	34.063	38.896
11.4	0.123	0.132	22.210	25.439	29.072	33.152	37.727	0.524	0.148	21.704	25.675	29.963	34.564	39.478
11.5	0.127	0.132	22.473	25.727	29.386	33.491	38.089	0.517	0.148	22.025	26.050	30.401	35.074	40.070
11.6	0.131	0.131	22.734	26.014	29.698	33.828	38.446	0.510	0.148	22.353	26.433	30.846	35.593	40.672
11.7	0.136	0.131	22.994	26.299	30.008	34.160	38.800	0.504	0.149	22.687	26.822	31.300	36.120	41.283
11.8	0.140	0.130	23.252	26.583	30.315	34.489	39.149	0.497	0.149	23.028	27.218	31.761	36.655	41.903
11.9	0.145	0.130	23.509	26.863	30.619	34.814	39.492	0.491	0.149	23.375	27.621	32.228	37.198	42.531
12.0	0.149	0.129	23.764	27.142	30.919	35.135	39.831	0.484	0.149	23.727	28.029	32.702	37.747	43.167
12.1	0.153	0.128	24.018	27.418	31.217	35.452	40.164	0.477	0.149	24.085	28.444	33.182	38.303	43.810
12.2	0.158	0.128	24.269	27.691	31.510	35.764	40.492	0.471	0.149	24.449	28.864	33.668	38.865	44.459
12.3	0.162	0.127	24.517	27.961	31.800	36.072	40.815	0.464	0.148	24.818	29.289	34.159	39.432	45.114
12.4	0.167	0.127	24.763	28.227	32.086	36.375	41.131	0.457	0.148	25.192	29.719	34.655	40.005	45.774
12.5	0.171	0.126	25.007	28.491	32.368	36.673	41.442	0.451	0.148	25.571	30.154	35.156	40.582	46.438
12.6	0.175	0.126	25.247	28.751	32.646	36.966	41.747	0.444	0.148	25.954	30.593	35.660	41.162	47.106
12.7	0.180	0.125	25.485	29.007	32.920	37.254	42.046	0.438	0.148	26.341	31.036	36.168	41.746	47.777
12.8	0.184	0.125	25.720	29.260	33.189	37.537	42.339	0.431	0.148	26.731	31.481	36.678	42.332	48.450
12.9	0.189	0.124	25.951	29.509	33.453	37.814	42.626	0.424	0.148	27.125	31.930	37.191	42.919	49.124
13.0	0.193	0.123	26.179	29.754	33.713	38.086	42.907	0.418	0.148	27.522	32.381	37.705	43.507	49.799
13.1	0.197	0.123	26.403	29.994	33.968	38.353	43.181	0.411	0.147	27.921	32.833	38.220	44.096	50.473
13.2	0.202	0.122	26.624	30.231	34.218	38.613	43.449	0.404	0.147	28.322	33.287	38.736	44.684	51.145
13.3	0.206	0.122	26.841	30.463	34.463	38.869	43.711	0.398	0.147	28.725	33.741	39.252	45.272	51.816
13.4	0.210	0.121	27.054	30.691	34.703	39.119	43.966	0.391	0.147	29.129	34.196	39.767	45.857	52.484
13.5	0.215	0.121	27.263	30.914	34.939	39.363	44.216	0.385	0.146	29.534	34.651	40.280	46.440	53.148
13.6	0.219	0.120	27.469	31.133	35.169	39.601	44.459	0.378	0.146	29.939	35.105	40.792	47.020	53.807
13.7	0.224	0.120	27.670	31.348	35.394	39.835	44.696	0.371	0.146	30.345	35.559	41.302	47.596	54.462
13.8	0.228	0.119	27.867	31.558	35.614	40.062	44.927	0.365	0.145	30.750	36.010	41.809	48.168	55.110
13.9	0.232	0.119	28.061	31.763	35.829	40.284	45.151	0.358	0.145	31.154	36.460	42.312	48.735	55.752
14.0	0.237	0.118	28.250	31.964	36.039	40.500	45.370	0.351	0.145	31.558	36.907	42.811	49.296	56.387
14.1	0.241	0.118	28.434	32.160	36.244	40.711	45.583	0.345	0.144	31.959	37.351	43.306	49.851	57.013
14.2	0.246	0.117	28.615	32.351	36.444	40.916	45.790	0.338	0.144	32.359	37.791	43.796	50.400	57.631
14.3	0.250	0.117	28.791	32.538	36.639	41.116	45.991	0.332	0.143	32.756	38.228	44.280	50.940	58.239
14.4	0.254	0.117	28.963	32.720	36.829	41.311	46.187	0.325	0.143	33.150	38.660	44.758	51.473	58.838
14.5	0.259	0.116	29.131	32.898	37.014	41.500	46.377	0.318	0.143	33.541	39.088	45.229	51.998	59.426
14.6	0.263	0.116	29.295	33.072	37.195	41.685	46.562	0.312	0.142	33.928	39.510	45.694	52.514	60.003
14.7	0.268	0.115	29.455	33.240	37.370	41.864	46.742	0.305	0.142	34.312	39.928	46.152	53.021	60.570
14.8	0.272	0.115	29.610	33.405	37.541	42.039	46.916	0.299	0.141	34.691	40.339	46.603	53.519	61.125
14.9	0.276	0.115	29.762	33.565	37.707	42.208	47.085	0.292	0.141	35.067	40.745	47.046	54.007	61.668
15.0	0.281	0.114	29.909	33.720	37.869	42.373	47.250	0.285	0.140	35.437	41.144	47.481	54.485	62.199
15.1	0.285	0.114	30.052	33.872	38.026	42.533	47.410	0.279	0.140	35.802	41.537	47.907	54.953	62.717
15.2	0.290	0.113	30.192	34.019	38.179	42.689	47.565	0.272	0.139	36.162	41.923	48.325	55.410	63.222
15.3	0.294	0.113	30.327	34.162	38.328	42.840	47.715	0.265	0.139	36.517	42.302	48.733	55.856	63.715
15.4	0.298	0.113	30.459	34.302	38.473	42.988	47.862	0.259	0.138	36.865	42.673	49.133	56.291	64.194
15.5	0.303	0.113	30.586	34.437	38.613	43.131	48.004	0.252	0.138	37.208	43.037	49.523	56.715	64.659
15.6	0.307	0.112	30.710	34.569	38.750	43.270	48.142	0.246	0.137	37.544	43.393	49.904	57.127	65.111
15.7	0.312	0.112	30.831	34.696	38.883	43.405	48.277	0.239	0.137	37.874	43.741	50.276	57.528	65.550
15.8	0.316	0.112	30.948	34.820	39.012	43.537	48.407	0.232	0.136	38.197	44.081	50.637	57.917	65.975
15.9	0.320	0.111	31.061	34.941	39.138	43.664	48.534	0.226	0.136	38.514	44.413	50.989	58.294	66.385
16.0	0.325	0.111	31.171	35.058	39.260	43.789	48.658	0.219	0.135	38.823	44.736	51.330	58.660	66.782
16.1	0.329	0.111	31.278	35.172	39.378	43.910	48.779	0.212	0.135	39.125	45.051	51.661	59.013	67.165
16.2	0.334	0.111	31.382	35.283	39.494	44.028	48.896	0.206	0.134	39.420	45.357	51.982	59.354	67.534
16.3	0.338	0.110	31.482	35.390	39.606	44.142	49.010	0.199	0.134	39.708	45.654	52.293	59.684	67.888

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
16.4	0.342	0.110	31.579	35.494	39.716	44.254	49.121	0.193	0.133	39.988	45.943	52.593	60.001	68.229
16.5	0.347	0.110	31.674	35.596	39.822	44.363	49.230	0.186	0.133	40.261	46.222	52.883	60.306	68.555
16.6	0.351	0.110	31.765	35.694	39.926	44.469	49.336	0.179	0.132	40.526	46.493	53.163	60.599	68.868
16.7	0.355	0.110	31.854	35.790	40.026	44.573	49.440	0.173	0.132	40.783	46.755	53.433	60.881	69.167
16.8	0.360	0.110	31.940	35.883	40.125	44.674	49.541	0.166	0.131	41.034	47.009	53.692	61.150	69.453
16.9	0.364	0.109	32.024	35.974	40.220	44.773	49.639	0.159	0.131	41.276	47.253	53.941	61.408	69.725
17.0	0.369	0.109	32.105	36.062	40.314	44.869	49.736	0.153	0.131	41.511	47.489	54.180	61.654	69.984
17.1	0.373	0.109	32.184	36.148	40.405	44.963	49.831	0.146	0.130	41.738	47.716	54.409	61.889	70.229
17.2	0.377	0.109	32.260	36.231	40.493	45.055	49.923	0.140	0.130	41.958	47.934	54.628	62.112	70.462
17.3	0.382	0.109	32.334	36.312	40.580	45.145	50.014	0.133	0.129	42.170	48.144	54.838	62.324	70.681
17.4	0.386	0.109	32.406	36.391	40.665	45.232	50.102	0.126	0.129	42.374	48.345	55.037	62.525	70.888
17.5	0.391	0.109	32.476	36.469	40.747	45.319	50.189	0.120	0.128	42.572	48.537	55.227	62.715	71.083
17.6	0.395	0.108	32.543	36.544	40.828	45.403	50.275	0.113	0.128	42.761	48.721	55.407	62.894	71.265
17.7	0.399	0.108	32.609	36.617	40.907	45.485	50.359	0.107	0.127	42.944	48.897	55.578	63.063	71.435
17.8	0.404	0.108	32.673	36.688	40.984	45.566	50.441	0.100	0.127	43.119	49.065	55.740	63.221	71.594
17.9	0.408	0.108	32.736	36.758	41.060	45.646	50.522	0.093	0.126	43.287	49.225	55.893	63.369	71.741
18.0	0.413	0.108	32.796	36.826	41.134	45.724	50.601	0.087	0.126	43.448	49.377	56.036	63.507	71.877
18.1	0.417	0.108	32.855	36.893	41.206	45.800	50.680	0.080	0.125	43.602	49.521	56.171	63.635	72.001
18.2	0.421	0.108	32.913	36.958	41.278	45.876	50.757	0.073	0.125	43.749	49.657	56.298	63.753	72.115
18.3	0.426	0.108	32.969	37.022	41.348	45.950	50.833	0.067	0.124	43.889	49.786	56.416	63.863	72.219
18.4	0.430	0.108	33.023	37.085	41.416	46.023	50.908	0.060	0.124	44.023	49.908	56.526	63.963	72.313
18.5	0.435	0.108	33.077	37.146	41.484	46.095	50.982	0.054	0.124	44.150	50.023	56.629	64.056	72.397
18.6	0.439	0.108	33.129	37.206	41.550	46.165	51.055	0.047	0.123	44.272	50.131	56.724	64.140	72.473
18.7	0.443	0.108	33.180	37.265	41.616	46.235	51.127	0.040	0.123	44.388	50.233	56.813	64.216	72.540
18.8	0.448	0.108	33.230	37.323	41.680	46.304	51.198	0.034	0.122	44.498	50.328	56.894	64.284	72.598
18.9	0.452	0.108	33.279	37.380	41.744	46.372	51.269	0.027	0.122	44.602	50.418	56.969	64.346	72.649
19.0	0.457	0.108	33.327	37.436	41.806	46.440	51.339	0.020	0.122	44.701	50.502	57.038	64.400	72.692
19.1	0.461	0.108	33.375	37.492	41.868	46.506	51.408	0.014	0.121	44.795	50.580	57.101	64.449	72.728
19.2	0.465	0.108	33.421	37.547	41.930	46.572	51.476	0.007	0.121	44.885	50.654	57.158	64.491	72.757
19.3	0.470	0.108	33.467	37.601	41.990	46.638	51.544	0.001	0.120	44.970	50.722	57.210	64.528	72.781
19.4	0.474	0.108	33.512	37.654	42.050	46.702	51.612	-0.006	0.120	45.050	50.787	57.258	64.560	72.799
19.5	0.478	0.108	33.557	37.707	42.110	46.767	51.679	-0.013	0.120	45.127	50.847	57.301	64.587	72.812
19.6	0.483	0.108	33.601	37.759	42.169	46.830	51.745	-0.019	0.119	45.201	50.903	57.341	64.610	72.821
19.7	0.487	0.108	33.645	37.811	42.227	46.894	51.811	-0.026	0.119	45.271	50.956	57.377	64.630	72.826
19.8	0.492	0.108	33.688	37.863	42.286	46.957	51.877	-0.033	0.118	45.338	51.006	57.409	64.646	72.828
19.9	0.496	0.108	33.731	37.914	42.343	47.020	51.943	-0.039	0.118	45.402	51.053	57.439	64.659	72.826
20.0	0.500	0.108	33.774	37.965	42.401	47.082	52.008	-0.046	0.118	45.464	51.098	57.467	64.670	72.823

Table S31. Appendicular Lean Soft Tissue Mass, kg

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.640	0.159	3.226	3.892	4.603	5.354	6.146	0.164	0.137	3.860	4.450	5.114	5.859	6.692
5.1	0.634	0.159	3.298	3.978	4.703	5.471	6.281	0.165	0.138	3.933	4.536	5.214	5.975	6.826
5.2	0.628	0.159	3.370	4.063	4.803	5.588	6.416	0.167	0.138	4.007	4.622	5.315	6.091	6.960
5.3	0.622	0.159	3.443	4.148	4.903	5.704	6.551	0.168	0.138	4.081	4.709	5.415	6.208	7.095
5.4	0.616	0.159	3.515	4.234	5.003	5.821	6.685	0.169	0.138	4.154	4.795	5.516	6.325	7.230
5.5	0.610	0.159	3.587	4.320	5.104	5.938	6.821	0.170	0.139	4.228	4.882	5.617	6.442	7.365
5.6	0.603	0.159	3.660	4.405	5.204	6.055	6.956	0.172	0.139	4.302	4.969	5.718	6.559	7.501
5.7	0.597	0.158	3.733	4.491	5.305	6.172	7.091	0.173	0.139	4.376	5.056	5.820	6.677	7.637
5.8	0.591	0.158	3.806	4.577	5.405	6.289	7.227	0.174	0.139	4.451	5.143	5.922	6.796	7.774
5.9	0.585	0.158	3.879	4.663	5.506	6.406	7.363	0.176	0.140	4.525	5.230	6.024	6.915	7.911
6.0	0.579	0.158	3.952	4.749	5.607	6.524	7.499	0.177	0.140	4.600	5.318	6.127	7.034	8.049
6.1	0.573	0.158	4.026	4.836	5.708	6.642	7.635	0.178	0.140	4.674	5.406	6.230	7.154	8.188
6.2	0.567	0.158	4.100	4.923	5.810	6.760	7.772	0.180	0.140	4.749	5.495	6.333	7.274	8.327
6.3	0.560	0.158	4.174	5.010	5.912	6.879	7.910	0.181	0.140	4.825	5.583	6.437	7.395	8.467
6.4	0.554	0.158	4.248	5.097	6.014	6.998	8.048	0.182	0.141	4.900	5.672	6.541	7.516	8.607
6.5	0.548	0.158	4.323	5.185	6.117	7.117	8.186	0.184	0.141	4.976	5.761	6.646	7.638	8.748
6.6	0.542	0.158	4.399	5.273	6.220	7.237	8.325	0.185	0.141	5.051	5.851	6.751	7.760	8.890
6.7	0.536	0.158	4.474	5.362	6.323	7.358	8.465	0.186	0.141	5.127	5.941	6.856	7.883	9.032
6.8	0.530	0.158	4.550	5.451	6.428	7.480	8.606	0.187	0.142	5.203	6.031	6.962	8.006	9.175
6.9	0.523	0.158	4.627	5.541	6.532	7.602	8.748	0.189	0.142	5.280	6.121	7.068	8.130	9.318
7.0	0.517	0.158	4.704	5.631	6.638	7.725	8.891	0.190	0.142	5.356	6.212	7.174	8.254	9.463
7.1	0.511	0.158	4.782	5.722	6.744	7.848	9.034	0.191	0.142	5.433	6.302	7.281	8.379	9.607
7.2	0.505	0.158	4.861	5.814	6.851	7.973	9.179	0.193	0.143	5.510	6.394	7.388	8.504	9.753
7.3	0.499	0.158	4.940	5.906	6.959	8.099	9.325	0.194	0.143	5.587	6.485	7.496	8.630	9.899
7.4	0.493	0.157	5.020	6.000	7.068	8.226	9.472	0.195	0.143	5.664	6.577	7.604	8.756	10.045
7.5	0.486	0.157	5.101	6.094	7.178	8.354	9.621	0.197	0.143	5.742	6.668	7.712	8.883	10.193
7.6	0.480	0.157	5.182	6.189	7.289	8.483	9.771	0.198	0.144	5.819	6.761	7.821	9.010	10.340
7.7	0.474	0.157	5.265	6.285	7.401	8.614	9.923	0.199	0.144	5.897	6.853	7.930	9.137	10.489
7.8	0.468	0.157	5.348	6.382	7.515	8.746	10.077	0.201	0.144	5.974	6.946	8.039	9.265	10.637
7.9	0.462	0.157	5.432	6.481	7.629	8.879	10.232	0.202	0.144	6.053	7.038	8.148	9.394	10.787
8.0	0.456	0.157	5.517	6.580	7.745	9.014	10.388	0.203	0.145	6.131	7.132	8.259	9.523	10.938
8.1	0.450	0.157	5.604	6.680	7.862	9.151	10.547	0.204	0.145	6.209	7.225	8.369	9.653	11.089
8.2	0.443	0.157	5.691	6.782	7.981	9.289	10.708	0.206	0.145	6.288	7.320	8.481	9.784	11.241
8.3	0.437	0.157	5.780	6.885	8.101	9.429	10.871	0.207	0.145	6.368	7.414	8.593	9.915	11.394
8.4	0.431	0.157	5.870	6.990	8.223	9.571	11.036	0.208	0.146	6.448	7.510	8.706	10.048	11.549
8.5	0.425	0.157	5.961	7.096	8.346	9.714	11.203	0.210	0.146	6.528	7.606	8.819	10.181	11.704
8.6	0.419	0.157	6.053	7.203	8.471	9.860	11.373	0.211	0.146	6.609	7.702	8.934	10.316	11.861
8.7	0.413	0.157	6.147	7.312	8.598	10.007	11.544	0.212	0.146	6.690	7.800	9.049	10.451	12.019
8.8	0.406	0.157	6.241	7.422	8.726	10.157	11.719	0.214	0.147	6.773	7.898	9.166	10.588	12.179
8.9	0.400	0.157	6.338	7.534	8.856	10.308	11.895	0.215	0.147	6.856	7.997	9.284	10.727	12.340
9.0	0.394	0.157	6.435	7.647	8.988	10.462	12.074	0.216	0.147	6.939	8.098	9.403	10.867	12.504
9.1	0.388	0.156	6.534	7.762	9.121	10.618	12.255	0.218	0.147	7.024	8.200	9.523	11.009	12.669
9.2	0.382	0.156	6.634	7.878	9.257	10.775	12.439	0.219	0.147	7.110	8.303	9.645	11.152	12.837
9.3	0.376	0.156	6.736	7.996	9.394	10.935	12.625	0.220	0.148	7.198	8.407	9.769	11.298	13.007
9.4	0.369	0.156	6.839	8.115	9.533	11.097	12.814	0.221	0.148	7.286	8.513	9.895	11.446	13.180
9.5	0.363	0.156	6.943	8.236	9.674	11.261	13.005	0.223	0.148	7.376	8.621	10.023	11.597	13.356
9.6	0.357	0.156	7.049	8.359	9.816	11.427	13.198	0.224	0.148	7.467	8.730	10.153	11.750	13.534
9.7	0.351	0.156	7.155	8.483	9.960	11.595	13.394	0.225	0.149	7.560	8.842	10.286	11.905	13.716
9.8	0.345	0.156	7.264	8.608	10.105	11.764	13.592	0.227	0.149	7.655	8.956	10.420	12.064	13.902
9.9	0.339	0.156	7.373	8.734	10.252	11.935	13.792	0.228	0.149	7.752	9.071	10.558	12.226	14.090
10.0	0.333	0.156	7.483	8.862	10.401	12.108	13.994	0.229	0.149	7.851	9.190	10.698	12.391	14.283
10.1	0.326	0.156	7.595	8.991	10.551	12.283	14.198	0.231	0.150	7.951	9.311	10.842	12.560	14.480
10.2	0.320	0.156	7.707	9.121	10.702	12.459	14.403	0.232	0.150	8.055	9.434	10.988	12.732	14.681
10.3	0.314	0.156	7.821	9.252	10.854	12.637	14.611	0.233	0.150	8.160	9.561	11.138	12.909	14.887
10.4	0.308	0.156	7.935	9.384	11.008	12.816	14.820	0.235	0.150	8.268	9.690	11.292	13.089	15.098
10.5	0.302	0.156	8.050	9.517	11.162	12.996	15.030	0.236	0.150	8.379	9.823	11.449	13.274	15.313
10.6	0.296	0.156	8.166	9.651	11.317	13.176	15.241	0.237	0.151	8.492	9.959	11.610	13.463	15.534
10.7	0.289	0.156	8.282	9.785	11.473	13.358	15.453	0.238	0.151	8.609	10.098	11.775	13.657	15.760
10.8	0.283	0.155	8.399	9.920	11.629	13.540	15.666	0.240	0.151	8.728	10.241	11.944	13.856	15.991
10.9	0.277	0.155	8.516	10.055	11.786	13.723	15.880	0.241	0.151	8.850	10.387	12.118	14.059	16.228
11.0	0.271	0.155	8.633	10.190	11.943	13.906	16.094	0.242	0.151	8.976	10.537	12.295	14.267	16.470
11.1	0.265	0.155	8.750	10.325	12.100	14.088	16.308	0.244	0.152	9.104	10.690	12.477	14.481	16.719
11.2	0.259	0.155	8.868	10.461	12.256	14.271	16.521	0.245	0.152	9.236	10.848	12.663	14.699	16.973
11.3	0.253	0.155	8.985	10.596	12.413	14.453	16.735	0.246	0.152	9.371	11.009	12.854	14.923	17.233
11.4	0.246	0.155	9.102	10.730	12.569	14.635	16.948	0.248	0.152	9.510	11.174	13.049	15.152	17.499

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.5	0.240	0.155	9.219	10.864	12.724	14.816	17.160	0.249	0.152	9.652	11.344	13.250	15.386	17.772
11.6	0.234	0.155	9.335	10.998	12.878	14.996	17.371	0.250	0.152	9.797	11.517	13.454	15.626	18.050
11.7	0.228	0.155	9.450	11.130	13.032	15.175	17.581	0.252	0.153	9.946	11.694	13.663	15.870	18.334
11.8	0.222	0.155	9.565	11.262	13.184	15.352	17.789	0.253	0.153	10.098	11.875	13.877	16.120	18.624
11.9	0.216	0.155	9.679	11.392	13.335	15.528	17.995	0.254	0.153	10.253	12.060	14.094	16.375	18.919
12.0	0.209	0.155	9.791	11.521	13.484	15.702	18.199	0.255	0.153	10.411	12.248	14.316	16.634	19.220
12.1	0.203	0.155	9.903	11.649	13.631	15.874	18.401	0.257	0.153	10.572	12.440	14.542	16.897	19.525
12.2	0.197	0.155	10.013	11.775	13.777	16.044	18.601	0.258	0.153	10.736	12.635	14.771	17.165	19.836
12.3	0.191	0.155	10.122	11.899	13.921	16.211	18.798	0.259	0.153	10.903	12.833	15.005	17.438	20.151
12.4	0.185	0.155	10.229	12.022	14.062	16.376	18.992	0.261	0.153	11.073	13.035	15.242	17.714	20.471
12.5	0.179	0.154	10.335	12.142	14.201	16.539	19.183	0.262	0.153	11.245	13.239	15.482	17.994	20.795
12.6	0.172	0.154	10.439	12.261	14.338	16.698	19.371	0.263	0.153	11.420	13.446	15.725	18.277	21.122
12.7	0.166	0.154	10.542	12.377	14.472	16.855	19.556	0.265	0.153	11.597	13.656	15.972	18.564	21.453
12.8	0.160	0.154	10.642	12.491	14.604	17.008	19.736	0.266	0.153	11.776	13.868	16.220	18.853	21.787
12.9	0.154	0.154	10.740	12.603	14.732	17.158	19.913	0.267	0.153	11.957	14.082	16.471	19.144	22.123
13.0	0.148	0.154	10.837	12.712	14.858	17.305	20.087	0.269	0.153	12.139	14.297	16.723	19.438	22.461
13.1	0.142	0.154	10.931	12.819	14.981	17.448	20.256	0.270	0.153	12.323	14.514	16.978	19.733	22.801
13.2	0.136	0.154	11.023	12.924	15.101	17.588	20.422	0.271	0.153	12.508	14.733	17.233	20.029	23.142
13.3	0.129	0.154	11.113	13.025	15.218	17.724	20.583	0.272	0.153	12.694	14.952	17.489	20.326	23.483
13.4	0.123	0.154	11.201	13.125	15.331	17.857	20.741	0.274	0.153	12.881	15.172	17.746	20.624	23.825
13.5	0.117	0.154	11.287	13.221	15.442	17.986	20.894	0.275	0.153	13.068	15.393	18.003	20.921	24.167
13.6	0.111	0.154	11.370	13.315	15.550	18.112	21.043	0.276	0.153	13.255	15.613	18.261	21.218	24.508
13.7	0.105	0.154	11.451	13.406	15.654	18.233	21.187	0.278	0.153	13.443	15.834	18.517	21.515	24.848
13.8	0.099	0.154	11.530	13.494	15.755	18.351	21.327	0.279	0.153	13.630	16.053	18.773	21.810	25.187
13.9	0.092	0.154	11.607	13.580	15.852	18.465	21.463	0.280	0.153	13.816	16.272	19.028	22.104	25.523
14.0	0.086	0.154	11.681	13.662	15.947	18.576	21.595	0.282	0.153	14.002	16.490	19.281	22.395	25.856
14.1	0.080	0.154	11.752	13.742	16.038	18.682	21.722	0.283	0.153	14.187	16.706	19.532	22.684	26.186
14.2	0.074	0.153	11.822	13.820	16.126	18.785	21.845	0.284	0.153	14.370	16.921	19.780	22.970	26.512
14.3	0.068	0.153	11.889	13.894	16.211	18.884	21.964	0.286	0.153	14.552	17.133	20.026	23.253	26.835
14.4	0.062	0.153	11.954	13.966	16.293	18.980	22.078	0.287	0.152	14.731	17.343	20.269	23.532	27.152
14.5	0.055	0.153	12.017	14.035	16.372	19.072	22.189	0.288	0.152	14.909	17.551	20.509	23.807	27.465
14.6	0.049	0.153	12.077	14.102	16.447	19.160	22.295	0.289	0.152	15.085	17.755	20.746	24.078	27.773
14.7	0.043	0.153	12.135	14.166	16.520	19.245	22.397	0.291	0.152	15.258	17.957	20.979	24.344	28.075
14.8	0.037	0.153	12.191	14.227	16.589	19.326	22.495	0.292	0.152	15.429	18.156	21.207	24.605	28.372
14.9	0.031	0.153	12.245	14.286	16.655	19.403	22.589	0.293	0.152	15.597	18.351	21.432	24.862	28.662
15.0	0.025	0.153	12.297	14.343	16.719	19.478	22.679	0.295	0.152	15.762	18.542	21.652	25.113	28.946
15.1	0.019	0.153	12.347	14.397	16.780	19.549	22.765	0.296	0.151	15.924	18.730	21.867	25.358	29.223
15.2	0.012	0.153	12.394	14.448	16.838	19.616	22.847	0.297	0.151	16.082	18.913	22.078	25.597	29.492
15.3	0.006	0.153	12.440	14.497	16.893	19.681	22.926	0.299	0.151	16.237	19.092	22.283	25.830	29.755
15.4	0.000	0.153	12.484	14.544	16.945	19.742	23.001	0.300	0.151	16.388	19.267	22.483	26.057	30.010
15.5	-0.006	0.153	12.525	14.589	16.995	19.801	23.073	0.301	0.151	16.536	19.438	22.678	26.277	30.258
15.6	-0.012	0.153	12.565	14.631	17.042	19.856	23.141	0.303	0.150	16.680	19.604	22.867	26.492	30.499
15.7	-0.018	0.153	12.603	14.672	17.087	19.909	23.206	0.304	0.150	16.821	19.766	23.052	26.700	30.732
15.8	-0.025	0.153	12.640	14.710	17.129	19.958	23.267	0.305	0.150	16.958	19.923	23.230	26.901	30.957
15.9	-0.031	0.152	12.674	14.746	17.170	20.005	23.326	0.306	0.150	17.091	20.076	23.404	27.097	31.175
16.0	-0.037	0.152	12.707	14.781	17.207	20.050	23.381	0.308	0.150	17.220	20.224	23.572	27.286	31.386
16.1	-0.043	0.152	12.739	14.813	17.243	20.091	23.434	0.309	0.149	17.345	20.367	23.734	27.468	31.589
16.2	-0.049	0.152	12.768	14.844	17.277	20.131	23.484	0.310	0.149	17.467	20.506	23.891	27.644	31.784
16.3	-0.055	0.152	12.797	14.873	17.308	20.168	23.531	0.312	0.149	17.584	20.640	24.043	27.813	31.972
16.4	-0.062	0.152	12.824	14.900	17.338	20.203	23.575	0.313	0.149	17.698	20.770	24.189	27.976	32.152
16.5	-0.068	0.152	12.849	14.926	17.366	20.235	23.617	0.314	0.149	17.809	20.895	24.330	28.133	32.326
16.6	-0.074	0.152	12.873	14.950	17.392	20.266	23.657	0.316	0.148	17.915	21.016	24.466	28.285	32.492
16.7	-0.080	0.152	12.896	14.973	17.416	20.295	23.694	0.317	0.148	18.018	21.133	24.597	28.430	32.652
16.8	-0.086	0.152	12.918	14.995	17.439	20.321	23.729	0.318	0.148	18.117	21.245	24.723	28.569	32.805
16.9	-0.092	0.152	12.939	15.015	17.460	20.346	23.762	0.320	0.148	18.213	21.354	24.844	28.703	32.951
17.0	-0.098	0.152	12.959	15.034	17.479	20.369	23.793	0.321	0.148	18.306	21.458	24.960	28.831	33.091
17.1	-0.105	0.152	12.977	15.051	17.498	20.391	23.822	0.322	0.147	18.395	21.558	25.071	28.954	33.224
17.2	-0.111	0.152	12.995	15.068	17.515	20.411	23.849	0.323	0.147	18.481	21.655	25.178	29.071	33.352
17.3	-0.117	0.152	13.011	15.083	17.530	20.430	23.875	0.325	0.147	18.563	21.747	25.281	29.184	33.473
17.4	-0.123	0.152	13.027	15.098	17.545	20.447	23.899	0.326	0.147	18.643	21.837	25.380	29.291	33.589
17.5	-0.129	0.152	13.042	15.111	17.558	20.463	23.922	0.327	0.147	18.720	21.922	25.474	29.394	33.700
17.6	-0.135	0.152	13.056	15.123	17.571	20.477	23.943	0.329	0.146	18.793	22.004	25.564	29.492	33.805
17.7	-0.142	0.151	13.069	15.135	17.582	20.491	23.962	0.330	0.146	18.865	22.083	25.651	29.586	33.906
17.8	-0.148	0.151	13.082	15.146	17.592	20.503	23.981	0.331	0.146	18.933	22.159	25.734	29.675	34.001
17.9	-0.154	0.151	13.094	15.156	17.602	20.514	23.998	0.333	0.146	18.999	22.232	25.814	29.761	34.092
18.0	-0.160	0.151	13.105	15.165	17.610	20.525	24.014	0.334	0.146	19.062	22.302	25.890	29.843	34.178
18.1	-0.166	0.151	13.116	15.174	17.618	20.534	24.029	0.335	0.145	19.123	22.370	25.963	29.921	34.260
18.2	-0.172	0.151	13.126	15.181	17.625	20.543	24.043	0.337	0.145	19.182	22.435	26.033	29.995	34.338

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.3	-0.179	0.151	13.135	15.189	17.631	20.550	24.056	0.338	0.145	19.239	22.497	26.100	30.066	34.412
18.4	-0.185	0.151	13.144	15.196	17.637	20.557	24.068	0.339	0.145	19.294	22.557	26.165	30.134	34.483
18.5	-0.191	0.151	13.153	15.202	17.642	20.563	24.079	0.340	0.144	19.347	22.615	26.227	30.200	34.550
18.6	-0.197	0.151	13.161	15.207	17.646	20.569	24.090	0.342	0.144	19.399	22.670	26.286	30.262	34.615
18.7	-0.203	0.151	13.169	15.213	17.650	20.574	24.099	0.343	0.144	19.448	22.724	26.343	30.322	34.676
18.8	-0.209	0.151	13.176	15.217	17.654	20.578	24.108	0.344	0.144	19.496	22.776	26.399	30.379	34.734
18.9	-0.215	0.151	13.183	15.222	17.657	20.581	24.117	0.346	0.144	19.543	22.827	26.452	30.434	34.790
19.0	-0.222	0.151	13.190	15.226	17.659	20.585	24.125	0.347	0.143	19.589	22.876	26.503	30.487	34.843
19.1	-0.228	0.151	13.196	15.229	17.661	20.587	24.132	0.348	0.143	19.633	22.923	26.553	30.538	34.895
19.2	-0.234	0.151	13.202	15.233	17.663	20.590	24.139	0.350	0.143	19.676	22.969	26.602	30.588	34.944
19.3	-0.240	0.151	13.208	15.236	17.664	20.592	24.145	0.351	0.143	19.719	23.014	26.648	30.636	34.991
19.4	-0.246	0.150	13.214	15.239	17.665	20.593	24.151	0.352	0.143	19.760	23.058	26.694	30.682	35.036
19.5	-0.252	0.150	13.219	15.241	17.666	20.594	24.157	0.354	0.142	19.800	23.101	26.738	30.727	35.080
19.6	-0.259	0.150	13.224	15.243	17.667	20.595	24.162	0.355	0.142	19.840	23.143	26.782	30.770	35.123
19.7	-0.265	0.150	13.229	15.245	17.667	20.596	24.167	0.356	0.142	19.879	23.185	26.824	30.813	35.164
19.8	-0.271	0.150	13.234	15.247	17.667	20.596	24.171	0.357	0.142	19.918	23.225	26.866	30.854	35.204
19.9	-0.277	0.150	13.238	15.249	17.667	20.596	24.176	0.359	0.142	19.956	23.265	26.907	30.895	35.244
20.0	-0.283	0.150	13.243	15.250	17.666	20.596	24.180	0.360	0.141	19.993	23.305	26.947	30.935	35.282

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.123	0.150	3.876	4.486	5.205	6.056	7.067	1.104	0.172	3.751	4.780	5.787	6.776	7.750
5.1	-0.120	0.150	3.965	4.588	5.322	6.191	7.222	1.096	0.172	3.841	4.888	5.914	6.923	7.919
5.2	-0.117	0.150	4.054	4.690	5.440	6.326	7.377	1.088	0.172	3.932	4.997	6.042	7.071	8.087
5.3	-0.115	0.149	4.143	4.793	5.558	6.461	7.532	1.080	0.171	4.023	5.105	6.169	7.219	8.256
5.4	-0.112	0.149	4.232	4.895	5.675	6.597	7.687	1.072	0.171	4.114	5.214	6.297	7.367	8.426
5.5	-0.109	0.149	4.322	4.998	5.793	6.732	7.842	1.063	0.171	4.206	5.322	6.425	7.515	8.595
5.6	-0.106	0.149	4.411	5.101	5.911	6.867	7.997	1.055	0.170	4.298	5.432	6.552	7.663	8.764
5.7	-0.104	0.148	4.501	5.204	6.030	7.003	8.152	1.047	0.170	4.390	5.541	6.680	7.811	8.934
5.8	-0.101	0.148	4.591	5.307	6.148	7.138	8.307	1.039	0.170	4.483	5.650	6.809	7.959	9.103
5.9	-0.098	0.148	4.681	5.410	6.267	7.274	8.462	1.031	0.169	4.576	5.760	6.937	8.108	9.273
6.0	-0.096	0.148	4.771	5.514	6.385	7.410	8.617	1.023	0.169	4.669	5.870	7.066	8.256	9.443
6.1	-0.093	0.148	4.862	5.618	6.505	7.546	8.773	1.015	0.168	4.763	5.981	7.194	8.405	9.613
6.2	-0.090	0.147	4.953	5.723	6.624	7.683	8.929	1.007	0.168	4.857	6.091	7.323	8.554	9.783
6.3	-0.087	0.147	5.045	5.827	6.744	7.820	9.085	0.998	0.168	4.952	6.202	7.452	8.703	9.953
6.4	-0.085	0.147	5.136	5.933	6.865	7.958	9.242	0.990	0.167	5.046	6.312	7.581	8.851	10.123
6.5	-0.082	0.147	5.229	6.039	6.986	8.096	9.399	0.982	0.167	5.141	6.423	7.710	9.000	10.293
6.6	-0.079	0.146	5.322	6.145	7.108	8.235	9.557	0.974	0.167	5.236	6.534	7.838	9.148	10.463
6.7	-0.076	0.146	5.415	6.252	7.230	8.375	9.716	0.966	0.166	5.332	6.645	7.967	9.297	10.633
6.8	-0.074	0.146	5.510	6.360	7.353	8.515	9.876	0.958	0.166	5.427	6.756	8.096	9.445	10.802
6.9	-0.071	0.146	5.605	6.469	7.478	8.657	10.037	0.950	0.166	5.523	6.867	8.224	9.593	10.971
7.0	-0.068	0.145	5.700	6.579	7.603	8.799	10.199	0.942	0.165	5.619	6.978	8.352	9.741	11.141
7.1	-0.065	0.145	5.797	6.689	7.729	8.943	10.362	0.933	0.165	5.715	7.089	8.481	9.888	11.310
7.2	-0.063	0.145	5.894	6.801	7.856	9.088	10.527	0.925	0.165	5.811	7.200	8.609	10.036	11.479
7.3	-0.060	0.145	5.993	6.914	7.985	9.235	10.693	0.917	0.164	5.908	7.311	8.738	10.184	11.648
7.4	-0.057	0.145	6.093	7.028	8.115	9.383	10.861	0.909	0.164	6.005	7.423	8.867	10.332	11.817
7.5	-0.055	0.144	6.194	7.143	8.247	9.533	11.031	0.901	0.164	6.102	7.535	8.995	10.480	11.986
7.6	-0.052	0.144	6.296	7.260	8.380	9.684	11.203	0.893	0.163	6.199	7.647	9.124	10.628	12.155
7.7	-0.049	0.144	6.400	7.378	8.515	9.838	11.377	0.885	0.163	6.297	7.759	9.254	10.777	12.325
7.8	-0.046	0.144	6.504	7.498	8.652	9.993	11.553	0.876	0.163	6.396	7.872	9.383	10.925	12.495
7.9	-0.044	0.143	6.611	7.620	8.791	10.150	11.731	0.868	0.162	6.495	7.985	9.513	11.074	12.665
8.0	-0.041	0.143	6.719	7.743	8.931	10.310	11.911	0.860	0.162	6.594	8.099	9.644	11.224	12.836
8.1	-0.038	0.143	6.828	7.868	9.073	10.471	12.094	0.852	0.162	6.694	8.213	9.775	11.375	13.008
8.2	-0.035	0.143	6.939	7.995	9.217	10.635	12.280	0.844	0.161	6.795	8.328	9.907	11.526	13.182
8.3	-0.033	0.142	7.051	8.123	9.364	10.801	12.467	0.836	0.161	6.897	8.445	10.040	11.679	13.356
8.4	-0.030	0.142	7.165	8.253	9.512	10.969	12.658	0.828	0.161	7.000	8.562	10.174	11.832	13.531
8.5	-0.027	0.142	7.281	8.385	9.662	11.140	12.851	0.820	0.160	7.104	8.680	10.310	11.987	13.708
8.6	-0.024	0.142	7.399	8.520	9.815	11.313	13.046	0.811	0.160	7.209	8.799	10.446	12.144	13.887
8.7	-0.022	0.142	7.518	8.655	9.970	11.488	13.244	0.803	0.160	7.315	8.920	10.584	12.302	14.068
8.8	-0.019	0.141	7.638	8.793	10.126	11.666	13.445	0.795	0.160	7.423	9.042	10.724	12.462	14.251
8.9	-0.016	0.141	7.761	8.933	10.285	11.846	13.648	0.787	0.159	7.532	9.166	10.866	12.624	14.436
9.0	-0.014	0.141	7.885	9.074	10.446	12.028	13.853	0.779	0.159	7.642	9.292	11.009	12.788	14.623
9.1	-0.011	0.141	8.010	9.217	10.608	12.212	14.061	0.771	0.159	7.754	9.419	11.154	12.954	14.813
9.2	-0.008	0.140	8.137	9.362	10.773	12.398	14.271	0.763	0.158	7.868	9.548	11.302	13.123	15.006
9.3	-0.005	0.140	8.265	9.508	10.939	12.587	14.484	0.755	0.158	7.984	9.680	11.452	13.294	15.202
9.4	-0.003	0.140	8.395	9.656	11.107	12.777	14.698	0.746	0.158	8.102	9.813	11.604	13.469	15.401
9.5	0.000	0.140	8.527	9.806	11.277	12.969	14.915	0.738	0.157	8.222	9.949	11.760	13.646	15.603

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
9.6	0.003	0.140	8.659	9.957	11.449	13.163	15.134	0.730	0.157	8.344	10.088	11.917	13.826	15.809
9.7	0.006	0.139	8.793	10.110	11.622	13.359	15.354	0.722	0.157	8.468	10.229	12.078	14.010	16.019
9.8	0.008	0.139	8.928	10.263	11.796	13.556	15.576	0.714	0.156	8.595	10.372	12.242	14.198	16.233
9.9	0.011	0.139	9.064	10.418	11.972	13.754	15.799	0.706	0.156	8.724	10.519	12.409	14.389	16.452
10.0	0.014	0.139	9.200	10.573	12.148	13.954	16.023	0.698	0.156	8.856	10.669	12.580	14.584	16.674
10.1	0.017	0.138	9.338	10.730	12.326	14.154	16.248	0.690	0.155	8.991	10.822	12.755	14.783	16.902
10.2	0.019	0.138	9.476	10.887	12.504	14.355	16.474	0.681	0.155	9.129	10.978	12.933	14.987	17.135
10.3	0.022	0.138	9.615	11.045	12.682	14.557	16.701	0.673	0.155	9.270	11.138	13.115	15.195	17.372
10.4	0.025	0.138	9.754	11.203	12.862	14.759	16.928	0.665	0.154	9.414	11.302	13.302	15.408	17.616
10.5	0.027	0.138	9.893	11.361	13.041	14.961	17.154	0.657	0.154	9.562	11.470	13.493	15.627	17.865
10.6	0.030	0.137	10.032	11.520	13.220	15.163	17.381	0.649	0.154	9.713	11.641	13.689	15.850	18.120
10.7	0.033	0.137	10.172	11.678	13.399	15.364	17.607	0.641	0.153	9.868	11.817	13.889	16.079	18.381
10.8	0.036	0.137	10.311	11.836	13.578	15.565	17.832	0.633	0.153	10.026	11.997	14.094	16.313	18.648
10.9	0.038	0.137	10.449	11.993	13.756	15.766	18.057	0.625	0.153	10.189	12.181	14.304	16.552	18.922
11.0	0.041	0.137	10.587	12.150	13.933	15.965	18.279	0.616	0.153	10.355	12.369	14.518	16.797	19.201
11.1	0.044	0.136	10.725	12.306	14.109	16.163	18.501	0.608	0.152	10.524	12.562	14.738	17.048	19.487
11.2	0.047	0.136	10.861	12.461	14.284	16.359	18.720	0.600	0.152	10.698	12.759	14.962	17.304	19.780
11.3	0.049	0.136	10.997	12.615	14.457	16.554	18.938	0.592	0.152	10.876	12.961	15.192	17.566	20.079
11.4	0.052	0.136	11.131	12.767	14.629	16.747	19.153	0.584	0.151	11.057	13.167	15.427	17.834	20.385
11.5	0.055	0.135	11.265	12.918	14.799	16.938	19.366	0.576	0.151	11.243	13.377	15.667	18.108	20.697
11.6	0.058	0.135	11.396	13.068	14.968	17.126	19.575	0.568	0.151	11.433	13.592	15.912	18.387	21.016
11.7	0.060	0.135	11.527	13.215	15.134	17.312	19.782	0.560	0.150	11.626	13.811	16.161	18.672	21.340
11.8	0.063	0.135	11.655	13.361	15.298	17.495	19.986	0.551	0.150	11.822	14.034	16.415	18.961	21.671
11.9	0.066	0.135	11.782	13.504	15.459	17.676	20.187	0.543	0.150	12.022	14.261	16.672	19.255	22.006
12.0	0.068	0.134	11.907	13.645	15.618	17.853	20.383	0.535	0.149	12.225	14.491	16.934	19.553	22.346
12.1	0.071	0.134	12.030	13.784	15.774	18.027	20.576	0.527	0.149	12.431	14.723	17.198	19.854	22.690
12.2	0.074	0.134	12.151	13.921	15.927	18.198	20.766	0.519	0.149	12.640	14.959	17.466	20.160	23.038
12.3	0.077	0.134	12.269	14.055	16.077	18.365	20.951	0.511	0.149	12.850	15.198	17.737	20.468	23.390
12.4	0.079	0.134	12.386	14.186	16.224	18.529	21.132	0.503	0.148	13.063	15.438	18.010	20.779	23.745
12.5	0.082	0.133	12.500	14.315	16.369	18.689	21.309	0.495	0.148	13.278	15.681	18.286	21.093	24.103
12.6	0.085	0.133	12.612	14.441	16.510	18.846	21.482	0.486	0.148	13.495	15.926	18.563	21.409	24.463
12.7	0.088	0.133	12.722	14.564	16.647	18.999	21.650	0.478	0.147	13.713	16.172	18.842	21.726	24.825
12.8	0.090	0.133	12.829	14.685	16.782	19.148	21.814	0.470	0.147	13.933	16.419	19.122	22.044	25.187
12.9	0.093	0.132	12.933	14.802	16.913	19.294	21.974	0.462	0.147	14.153	16.666	19.402	22.363	25.551
13.0	0.096	0.132	13.035	14.917	17.041	19.435	22.129	0.454	0.146	14.374	16.915	19.683	22.682	25.915
13.1	0.099	0.132	13.135	15.029	17.165	19.572	22.279	0.446	0.146	14.595	17.163	19.964	23.001	26.279
13.2	0.101	0.132	13.232	15.138	17.287	19.706	22.425	0.438	0.146	14.816	17.411	20.244	23.320	26.642
13.3	0.104	0.132	13.326	15.244	17.404	19.835	22.567	0.429	0.146	15.037	17.659	20.524	23.637	27.004
13.4	0.107	0.131	13.418	15.347	17.519	19.961	22.704	0.421	0.145	15.258	17.906	20.803	23.953	27.364
13.5	0.110	0.131	13.508	15.447	17.630	20.083	22.836	0.413	0.145	15.478	18.152	21.080	24.268	27.722
13.6	0.112	0.131	13.595	15.544	17.737	20.201	22.964	0.405	0.145	15.697	18.397	21.355	24.580	28.078
13.7	0.115	0.131	13.679	15.638	17.841	20.315	23.088	0.397	0.144	15.914	18.640	21.629	24.890	28.431
13.8	0.118	0.131	13.761	15.730	17.942	20.426	23.207	0.389	0.144	16.131	18.881	21.900	25.196	28.780
13.9	0.120	0.130	13.840	15.818	18.040	20.532	23.322	0.381	0.144	16.346	19.120	22.168	25.500	29.126
14.0	0.123	0.130	13.917	15.904	18.135	20.635	23.433	0.373	0.144	16.559	19.356	22.433	25.800	29.468
14.1	0.126	0.130	13.992	15.987	18.226	20.734	23.539	0.364	0.143	16.769	19.590	22.695	26.096	29.805
14.2	0.129	0.130	14.064	16.067	18.314	20.830	23.642	0.356	0.143	16.978	19.821	22.954	26.388	30.137
14.3	0.131	0.130	14.134	16.145	18.399	20.922	23.740	0.348	0.143	17.184	20.049	23.208	26.676	30.464
14.4	0.134	0.129	14.202	16.220	18.481	21.011	23.835	0.340	0.142	17.387	20.273	23.459	26.958	30.786
14.5	0.137	0.129	14.268	16.292	18.561	21.096	23.925	0.332	0.142	17.587	20.494	23.705	27.235	31.101
14.6	0.140	0.129	14.331	16.362	18.637	21.178	24.012	0.324	0.142	17.784	20.711	23.946	27.508	31.411
14.7	0.142	0.129	14.392	16.430	18.710	21.257	24.095	0.316	0.142	17.978	20.924	24.184	27.775	31.715
14.8	0.145	0.129	14.452	16.495	18.781	21.333	24.175	0.308	0.141	18.169	21.133	24.416	28.036	32.012
14.9	0.148	0.128	14.509	16.558	18.849	21.405	24.251	0.299	0.141	18.357	21.338	24.643	28.291	32.302
15.0	0.151	0.128	14.564	16.619	18.915	21.475	24.324	0.291	0.141	18.541	21.539	24.866	28.541	32.586
15.1	0.153	0.128	14.618	16.678	18.978	21.542	24.394	0.283	0.140	18.721	21.735	25.083	28.785	32.862
15.2	0.156	0.128	14.669	16.734	19.039	21.607	24.460	0.275	0.140	18.897	21.927	25.294	29.022	33.132
15.3	0.159	0.128	14.719	16.789	19.098	21.668	24.524	0.267	0.140	19.069	22.114	25.500	29.252	33.394
15.4	0.161	0.127	14.767	16.841	19.154	21.728	24.585	0.259	0.140	19.238	22.296	25.701	29.477	33.648
15.5	0.164	0.127	14.814	16.892	19.209	21.785	24.643	0.251	0.139	19.402	22.474	25.896	29.694	33.895
15.6	0.167	0.127	14.859	16.941	19.261	21.839	24.699	0.243	0.139	19.563	22.646	26.085	29.905	34.135
15.7	0.170	0.127	14.903	16.989	19.311	21.892	24.752	0.234	0.139	19.719	22.814	26.268	30.109	34.366
15.8	0.172	0.127	14.946	17.035	19.360	21.942	24.803	0.226	0.138	19.871	22.977	26.446	30.307	34.590
15.9	0.175	0.126	14.987	17.079	19.407	21.990	24.851	0.218	0.138	20.018	23.135	26.618	30.498	34.806
16.0	0.178	0.126	15.026	17.122	19.452	22.037	24.898	0.210	0.138	20.162	23.287	26.783	30.681	35.015
16.1	0.181	0.126	15.065	17.164	19.496	22.082	24.942	0.202	0.138	20.301	23.435	26.943	30.858	35.215
16.2	0.183	0.126	15.103	17.204	19.538	22.125	24.984	0.194	0.137	20.435	23.577	27.096	31.028	35.407
16.3	0.186	0.126	15.139	17.243	19.579	22.166	25.025	0.186	0.137	20.565	23.714	27.244	31.191	35.591

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
16.4	0.189	0.125	15.174	17.281	19.618	22.206	25.064	0.178	0.137	20.691	23.846	27.385	31.347	35.767
16.5	0.192	0.125	15.209	17.317	19.656	22.244	25.101	0.169	0.136	20.812	23.972	27.521	31.496	35.936
16.6	0.194	0.125	15.242	17.353	19.693	22.281	25.137	0.161	0.136	20.929	24.094	27.651	31.638	36.096
16.7	0.197	0.125	15.275	17.388	19.729	22.317	25.171	0.153	0.136	21.042	24.211	27.775	31.773	36.249
16.8	0.200	0.125	15.306	17.421	19.763	22.351	25.203	0.145	0.136	21.150	24.323	27.893	31.902	36.395
16.9	0.202	0.124	15.337	17.454	19.797	22.384	25.234	0.137	0.135	21.254	24.429	28.005	32.025	36.532
17.0	0.205	0.124	15.367	17.485	19.829	22.416	25.264	0.129	0.135	21.354	24.531	28.112	32.140	36.663
17.1	0.208	0.124	15.397	17.516	19.861	22.447	25.293	0.121	0.135	21.450	24.628	28.213	32.250	36.785
17.2	0.211	0.124	15.425	17.546	19.891	22.476	25.320	0.113	0.135	21.541	24.720	28.309	32.353	36.901
17.3	0.213	0.124	15.453	17.575	19.921	22.505	25.346	0.104	0.134	21.628	24.808	28.399	32.449	37.009
17.4	0.216	0.123	15.480	17.604	19.949	22.533	25.371	0.096	0.134	21.712	24.890	28.484	32.539	37.110
17.5	0.219	0.123	15.507	17.632	19.977	22.559	25.395	0.088	0.134	21.791	24.968	28.563	32.624	37.204
17.6	0.222	0.123	15.533	17.658	20.004	22.585	25.418	0.080	0.133	21.866	25.042	28.637	32.702	37.291
17.7	0.224	0.123	15.558	17.685	20.030	22.610	25.440	0.072	0.133	21.937	25.110	28.706	32.774	37.372
17.8	0.227	0.123	15.583	17.710	20.055	22.634	25.461	0.064	0.133	22.004	25.175	28.769	32.840	37.445
17.9	0.230	0.122	15.607	17.735	20.080	22.657	25.481	0.056	0.133	22.067	25.235	28.828	32.900	37.512
18.0	0.233	0.122	15.631	17.759	20.104	22.679	25.500	0.048	0.132	22.127	25.290	28.881	32.955	37.572
18.1	0.235	0.122	15.654	17.783	20.127	22.701	25.518	0.039	0.132	22.182	25.341	28.930	33.004	37.626
18.2	0.238	0.122	15.676	17.806	20.150	22.721	25.536	0.031	0.132	22.234	25.388	28.973	33.047	37.673
18.3	0.241	0.122	15.698	17.829	20.172	22.741	25.552	0.023	0.132	22.283	25.431	29.013	33.086	37.715
18.4	0.243	0.121	15.720	17.851	20.193	22.761	25.568	0.015	0.131	22.328	25.471	29.048	33.119	37.751
18.5	0.246	0.121	15.741	17.872	20.214	22.779	25.583	0.007	0.131	22.370	25.506	29.079	33.148	37.782
18.6	0.249	0.121	15.762	17.893	20.234	22.797	25.598	-0.001	0.131	22.409	25.539	29.106	33.172	37.807
18.7	0.252	0.121	15.782	17.914	20.254	22.815	25.611	-0.009	0.130	22.445	25.568	29.129	33.192	37.828
18.8	0.254	0.121	15.802	17.934	20.273	22.832	25.625	-0.017	0.130	22.479	25.594	29.149	33.209	37.845
18.9	0.257	0.121	15.822	17.954	20.292	22.849	25.637	-0.026	0.130	22.509	25.617	29.166	33.221	37.857
19.0	0.260	0.120	15.841	17.973	20.310	22.865	25.650	-0.034	0.130	22.538	25.637	29.180	33.230	37.865
19.1	0.263	0.120	15.861	17.992	20.328	22.880	25.661	-0.042	0.129	22.564	25.655	29.190	33.236	37.869
19.2	0.265	0.120	15.879	18.011	20.346	22.896	25.673	-0.050	0.129	22.588	25.671	29.199	33.239	37.870
19.3	0.268	0.120	15.898	18.030	20.363	22.911	25.684	-0.058	0.129	22.610	25.685	29.205	33.239	37.868
19.4	0.271	0.120	15.917	18.048	20.381	22.925	25.695	-0.066	0.129	22.631	25.697	29.209	33.238	37.864
19.5	0.274	0.119	15.935	18.066	20.398	22.940	25.705	-0.074	0.128	22.651	25.707	29.211	33.234	37.858
19.6	0.276	0.119	15.953	18.085	20.415	22.954	25.716	-0.083	0.128	22.669	25.716	29.212	33.229	37.849
19.7	0.279	0.119	15.972	18.103	20.431	22.969	25.726	-0.091	0.128	22.686	25.725	29.212	33.222	37.840
19.8	0.282	0.119	15.990	18.121	20.448	22.983	25.736	-0.099	0.128	22.703	25.732	29.212	33.215	37.829
19.9	0.284	0.119	16.008	18.139	20.465	22.997	25.746	-0.107	0.127	22.719	25.739	29.210	33.207	37.817
20.0	0.287	0.118	16.026	18.156	20.481	23.011	25.756	-0.115	0.127	22.735	25.746	29.209	33.198	37.806

Table S32. Leg Lean Soft Tissue Mass, kg

Non-Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.642	0.165	2.322	2.826	3.364	3.935	4.537	0.138	0.145	2.743	3.184	3.685	4.253	4.894
5.1	0.636	0.165	2.378	2.893	3.443	4.027	4.645	0.140	0.145	2.800	3.251	3.763	4.343	4.999
5.2	0.630	0.165	2.434	2.960	3.522	4.120	4.752	0.142	0.145	2.858	3.319	3.842	4.434	5.104
5.3	0.624	0.165	2.491	3.027	3.601	4.213	4.859	0.144	0.145	2.915	3.386	3.920	4.526	5.209
5.4	0.618	0.165	2.547	3.094	3.681	4.305	4.967	0.146	0.145	2.972	3.453	3.999	4.617	5.315
5.5	0.612	0.165	2.604	3.161	3.760	4.398	5.074	0.148	0.145	3.030	3.521	4.078	4.709	5.421
5.6	0.607	0.164	2.660	3.229	3.839	4.491	5.182	0.151	0.146	3.087	3.588	4.157	4.801	5.527
5.7	0.601	0.164	2.717	3.296	3.919	4.584	5.290	0.153	0.146	3.145	3.656	4.237	4.893	5.634
5.8	0.595	0.164	2.774	3.364	3.998	4.677	5.398	0.155	0.146	3.203	3.724	4.316	4.986	5.741
5.9	0.589	0.164	2.831	3.431	4.078	4.770	5.506	0.157	0.146	3.261	3.793	4.396	5.079	5.848
6.0	0.583	0.164	2.888	3.499	4.158	4.863	5.614	0.159	0.146	3.319	3.861	4.476	5.172	5.956
6.1	0.578	0.164	2.946	3.567	4.238	4.957	5.723	0.162	0.146	3.377	3.930	4.557	5.266	6.064
6.2	0.572	0.164	3.003	3.635	4.318	5.050	5.832	0.164	0.146	3.435	3.999	4.638	5.359	6.173
6.3	0.566	0.164	3.061	3.704	4.398	5.145	5.941	0.166	0.147	3.494	4.068	4.719	5.454	6.282
6.4	0.560	0.164	3.119	3.772	4.479	5.239	6.051	0.168	0.147	3.553	4.137	4.800	5.549	6.392
6.5	0.554	0.164	3.178	3.841	4.560	5.334	6.161	0.170	0.147	3.612	4.207	4.882	5.644	6.502
6.6	0.548	0.164	3.237	3.911	4.642	5.429	6.271	0.173	0.147	3.671	4.277	4.964	5.739	6.612
6.7	0.543	0.164	3.296	3.980	4.724	5.525	6.383	0.175	0.147	3.730	4.347	5.046	5.835	6.723
6.8	0.537	0.163	3.355	4.050	4.806	5.621	6.494	0.177	0.147	3.789	4.417	5.128	5.931	6.835
6.9	0.531	0.163	3.415	4.121	4.888	5.717	6.607	0.179	0.147	3.849	4.488	5.211	6.028	6.947
7.0	0.525	0.163	3.475	4.192	4.972	5.815	6.720	0.181	0.148	3.909	4.558	5.294	6.125	7.059
7.1	0.519	0.163	3.536	4.263	5.056	5.913	6.834	0.183	0.148	3.968	4.630	5.378	6.222	7.172
7.2	0.513	0.163	3.597	4.335	5.140	6.011	6.949	0.186	0.148	4.028	4.701	5.462	6.320	7.285
7.3	0.508	0.163	3.659	4.408	5.225	6.111	7.065	0.188	0.148	4.089	4.772	5.546	6.418	7.399
7.4	0.502	0.163	3.721	4.481	5.311	6.211	7.182	0.190	0.148	4.149	4.844	5.630	6.517	7.513
7.5	0.496	0.163	3.784	4.555	5.397	6.312	7.299	0.192	0.148	4.210	4.916	5.715	6.616	7.628
7.6	0.490	0.163	3.848	4.629	5.485	6.414	7.418	0.194	0.149	4.270	4.988	5.800	6.715	7.743
7.7	0.484	0.163	3.912	4.705	5.573	6.517	7.538	0.197	0.149	4.331	5.060	5.885	6.815	7.859
7.8	0.478	0.163	3.977	4.781	5.662	6.622	7.660	0.199	0.149	4.392	5.133	5.971	6.915	7.975
7.9	0.473	0.162	4.042	4.857	5.752	6.727	7.782	0.201	0.149	4.453	5.206	6.057	7.015	8.091
8.0	0.467	0.162	4.109	4.935	5.843	6.833	7.906	0.203	0.149	4.515	5.279	6.143	7.116	8.209
8.1	0.461	0.162	4.176	5.014	5.935	6.941	8.032	0.205	0.149	4.577	5.353	6.230	7.218	8.327
8.2	0.455	0.162	4.244	5.093	6.028	7.050	8.159	0.208	0.150	4.639	5.427	6.318	7.320	8.445
8.3	0.449	0.162	4.313	5.174	6.123	7.160	8.287	0.210	0.150	4.701	5.501	6.406	7.423	8.565
8.4	0.443	0.162	4.382	5.256	6.218	7.271	8.417	0.212	0.150	4.764	5.576	6.494	7.527	8.685
8.5	0.438	0.162	4.453	5.338	6.315	7.384	8.549	0.214	0.150	4.827	5.652	6.583	7.632	8.807
8.6	0.432	0.162	4.525	5.422	6.413	7.499	8.682	0.216	0.150	4.891	5.728	6.673	7.737	8.929
8.7	0.426	0.162	4.597	5.507	6.512	7.615	8.818	0.218	0.150	4.955	5.805	6.764	7.843	9.052
8.8	0.420	0.162	4.671	5.593	6.612	7.732	8.955	0.221	0.151	5.020	5.882	6.856	7.951	9.177
8.9	0.414	0.162	4.745	5.680	6.714	7.851	9.093	0.223	0.151	5.085	5.961	6.948	8.059	9.303
9.0	0.408	0.162	4.821	5.768	6.817	7.971	9.234	0.225	0.151	5.152	6.040	7.042	8.169	9.431
9.1	0.403	0.161	4.898	5.857	6.922	8.093	9.376	0.227	0.151	5.219	6.120	7.137	8.280	9.560
9.2	0.397	0.161	4.975	5.948	7.027	8.217	9.521	0.229	0.151	5.286	6.201	7.233	8.393	9.690
9.3	0.391	0.161	5.054	6.040	7.134	8.342	9.667	0.232	0.151	5.355	6.283	7.331	8.507	9.823
9.4	0.385	0.161	5.134	6.133	7.243	8.469	9.815	0.234	0.152	5.425	6.367	7.430	8.623	9.958
9.5	0.379	0.161	5.214	6.227	7.353	8.597	9.965	0.236	0.152	5.496	6.452	7.530	8.741	10.095
9.6	0.373	0.161	5.296	6.322	7.464	8.727	10.117	0.238	0.152	5.568	6.538	7.632	8.860	10.234
9.7	0.368	0.161	5.379	6.418	7.576	8.858	10.270	0.240	0.152	5.641	6.626	7.736	8.982	10.375
9.8	0.362	0.161	5.462	6.515	7.690	8.991	10.425	0.243	0.152	5.716	6.716	7.842	9.106	10.519
9.9	0.356	0.161	5.547	6.614	7.804	9.125	10.581	0.245	0.152	5.792	6.807	7.950	9.233	10.666
10.0	0.350	0.161	5.632	6.713	7.920	9.260	10.739	0.247	0.153	5.870	6.900	8.060	9.362	10.816
10.1	0.344	0.161	5.718	6.813	8.037	9.397	10.899	0.249	0.153	5.949	6.994	8.172	9.493	10.968
10.2	0.338	0.161	5.805	6.914	8.155	9.534	11.060	0.251	0.153	6.030	7.091	8.287	9.627	11.124
10.3	0.333	0.160	5.893	7.016	8.273	9.673	11.222	0.253	0.153	6.112	7.190	8.404	9.765	11.283
10.4	0.327	0.160	5.981	7.118	8.393	9.813	11.386	0.256	0.153	6.197	7.291	8.524	9.905	11.446
10.5	0.321	0.160	6.070	7.222	8.513	9.953	11.550	0.258	0.153	6.283	7.395	8.646	10.048	11.612
10.6	0.315	0.160	6.160	7.325	8.634	10.094	11.715	0.260	0.153	6.372	7.501	8.771	10.194	11.782
10.7	0.309	0.160	6.249	7.430	8.755	10.236	11.881	0.262	0.153	6.462	7.609	8.899	10.344	11.955
10.8	0.304	0.160	6.340	7.534	8.877	10.378	12.048	0.264	0.154	6.555	7.720	9.030	10.497	12.132
10.9	0.298	0.160	6.430	7.639	8.999	10.521	12.215	0.267	0.154	6.649	7.833	9.164	10.653	12.314
11.0	0.292	0.160	6.521	7.744	9.121	10.663	12.382	0.269	0.154	6.746	7.948	9.300	10.813	12.499
11.1	0.286	0.160	6.612	7.849	9.243	10.806	12.549	0.271	0.154	6.845	8.067	9.440	10.977	12.688
11.2	0.280	0.160	6.703	7.954	9.365	10.949	12.716	0.273	0.154	6.946	8.188	9.583	11.143	12.881
11.3	0.274	0.160	6.793	8.059	9.487	11.091	12.883	0.275	0.154	7.050	8.311	9.729	11.314	13.078
11.4	0.269	0.160	6.884	8.163	9.609	11.233	13.050	0.278	0.154	7.156	8.438	9.878	11.488	13.279

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.5	0.263	0.159	6.974	8.268	9.730	11.374	13.215	0.280	0.154	7.264	8.567	10.030	11.666	13.485
11.6	0.257	0.159	7.064	8.371	9.850	11.515	13.380	0.282	0.154	7.375	8.699	10.186	11.847	13.694
11.7	0.251	0.159	7.153	8.474	9.970	11.654	13.544	0.284	0.154	7.488	8.833	10.344	12.031	13.907
11.8	0.245	0.159	7.242	8.576	10.088	11.793	13.707	0.286	0.154	7.603	8.970	10.505	12.219	14.124
11.9	0.239	0.159	7.330	8.678	10.206	11.930	13.868	0.288	0.154	7.720	9.110	10.669	12.410	14.344
12.0	0.234	0.159	7.418	8.778	10.322	12.066	14.028	0.291	0.155	7.839	9.252	10.836	12.604	14.568
12.1	0.228	0.159	7.504	8.877	10.437	12.201	14.186	0.293	0.155	7.960	9.396	11.005	12.801	14.795
12.2	0.222	0.159	7.590	8.976	10.551	12.333	14.342	0.295	0.155	8.083	9.542	11.177	13.001	15.025
12.3	0.216	0.159	7.674	9.072	10.663	12.464	14.496	0.297	0.155	8.208	9.690	11.351	13.203	15.258
12.4	0.210	0.159	7.758	9.168	10.773	12.593	14.648	0.299	0.155	8.334	9.840	11.528	13.408	15.494
12.5	0.204	0.159	7.840	9.262	10.882	12.720	14.797	0.302	0.155	8.462	9.993	11.707	13.616	15.732
12.6	0.199	0.158	7.921	9.354	10.989	12.845	14.944	0.304	0.155	8.592	10.147	11.887	13.825	15.973
12.7	0.193	0.158	8.000	9.445	11.094	12.967	15.088	0.306	0.155	8.723	10.302	12.069	14.036	16.215
12.8	0.187	0.158	8.078	9.534	11.197	13.087	15.230	0.308	0.154	8.855	10.459	12.252	14.248	16.459
12.9	0.181	0.158	8.155	9.622	11.297	13.205	15.369	0.310	0.154	8.989	10.617	12.437	14.462	16.704
13.0	0.175	0.158	8.230	9.707	11.396	13.320	15.505	0.313	0.154	9.123	10.775	12.623	14.677	16.950
13.1	0.169	0.158	8.304	9.791	11.492	13.432	15.637	0.315	0.154	9.258	10.935	12.809	14.892	17.197
13.2	0.164	0.158	8.376	9.872	11.586	13.542	15.767	0.317	0.154	9.393	11.095	12.996	15.108	17.444
13.3	0.158	0.158	8.446	9.952	11.678	13.649	15.894	0.319	0.154	9.529	11.255	13.183	15.324	17.691
13.4	0.152	0.158	8.515	10.030	11.767	13.753	16.017	0.321	0.154	9.665	11.416	13.370	15.540	17.937
13.5	0.146	0.158	8.582	10.106	11.854	13.855	16.137	0.323	0.154	9.802	11.577	13.558	15.756	18.183
13.6	0.140	0.158	8.647	10.179	11.939	13.953	16.254	0.326	0.154	9.938	11.737	13.744	15.971	18.428
13.7	0.134	0.158	8.711	10.251	12.020	14.049	16.367	0.328	0.154	10.074	11.897	13.930	16.185	18.672
13.8	0.129	0.157	8.773	10.320	12.100	14.142	16.477	0.330	0.154	10.209	12.056	14.115	16.397	18.914
13.9	0.123	0.157	8.833	10.387	12.177	14.231	16.584	0.332	0.153	10.343	12.214	14.299	16.608	19.154
14.0	0.117	0.157	8.891	10.452	12.251	14.318	16.687	0.334	0.153	10.477	12.371	14.481	16.817	19.391
14.1	0.111	0.157	8.947	10.515	12.323	14.402	16.787	0.337	0.153	10.610	12.527	14.661	17.023	19.625
14.2	0.105	0.157	9.002	10.576	12.392	14.483	16.884	0.339	0.153	10.741	12.681	14.839	17.227	19.857
14.3	0.099	0.157	9.055	10.635	12.459	14.561	16.977	0.341	0.153	10.871	12.833	15.015	17.429	20.085
14.4	0.094	0.157	9.106	10.692	12.524	14.636	17.067	0.343	0.153	10.999	12.983	15.189	17.627	20.309
14.5	0.088	0.157	9.155	10.746	12.586	14.709	17.153	0.345	0.153	11.126	13.131	15.359	17.822	20.529
14.6	0.082	0.157	9.203	10.799	12.646	14.778	17.236	0.348	0.152	11.251	13.277	15.527	18.013	20.745
14.7	0.076	0.157	9.249	10.850	12.703	14.845	17.316	0.350	0.152	11.374	13.420	15.692	18.201	20.956
14.8	0.070	0.157	9.293	10.898	12.758	14.909	17.393	0.352	0.152	11.494	13.561	15.854	18.384	21.163
14.9	0.064	0.157	9.336	10.945	12.810	14.970	17.467	0.354	0.152	11.612	13.698	16.012	18.564	21.365
15.0	0.059	0.157	9.377	10.989	12.860	15.028	17.537	0.356	0.152	11.728	13.833	16.167	18.739	21.562
15.1	0.053	0.156	9.416	11.032	12.908	15.084	17.605	0.359	0.151	11.842	13.965	16.317	18.910	21.753
15.2	0.047	0.156	9.454	11.073	12.954	15.138	17.669	0.361	0.151	11.952	14.093	16.464	19.076	21.939
15.3	0.041	0.156	9.490	11.112	12.998	15.188	17.731	0.363	0.151	12.060	14.218	16.607	19.238	22.119
15.4	0.035	0.156	9.524	11.149	13.039	15.236	17.789	0.365	0.151	12.165	14.340	16.746	19.394	22.294
15.5	0.029	0.156	9.557	11.184	13.078	15.282	17.845	0.367	0.151	12.267	14.458	16.881	19.546	22.463
15.6	0.024	0.156	9.589	11.218	13.116	15.326	17.898	0.369	0.150	12.367	14.573	17.011	19.692	22.626
15.7	0.018	0.156	9.619	11.250	13.151	15.367	17.948	0.372	0.150	12.463	14.684	17.138	19.834	22.783
15.8	0.012	0.156	9.648	11.280	13.184	15.406	17.996	0.374	0.150	12.557	14.792	17.260	19.971	22.935
15.9	0.006	0.156	9.675	11.309	13.216	15.443	18.041	0.376	0.150	12.648	14.896	17.378	20.103	23.081
16.0	0.000	0.156	9.702	11.336	13.246	15.477	18.084	0.378	0.150	12.736	14.997	17.492	20.230	23.221
16.1	-0.005	0.156	9.727	11.362	13.274	15.510	18.125	0.380	0.149	12.820	15.094	17.601	20.352	23.355
16.2	-0.011	0.156	9.750	11.386	13.300	15.540	18.163	0.383	0.149	12.902	15.187	17.707	20.469	23.483
16.3	-0.017	0.155	9.773	11.409	13.325	15.569	18.199	0.385	0.149	12.981	15.277	17.808	20.581	23.606
16.4	-0.023	0.155	9.794	11.431	13.348	15.596	18.233	0.387	0.149	13.057	15.364	17.905	20.689	23.723
16.5	-0.029	0.155	9.814	11.451	13.370	15.621	18.265	0.389	0.148	13.130	15.447	17.998	20.792	23.835
16.6	-0.035	0.155	9.834	11.470	13.390	15.645	18.294	0.391	0.148	13.200	15.527	18.087	20.890	23.941
16.7	-0.040	0.155	9.852	11.488	13.409	15.667	18.323	0.394	0.148	13.268	15.603	18.173	20.983	24.043
16.8	-0.046	0.155	9.869	11.505	13.427	15.687	18.349	0.396	0.148	13.332	15.677	18.254	21.073	24.139
16.9	-0.052	0.155	9.885	11.521	13.443	15.706	18.373	0.398	0.148	13.395	15.747	18.332	21.158	24.230
17.0	-0.058	0.155	9.901	11.535	13.458	15.724	18.396	0.400	0.147	13.454	15.814	18.407	21.238	24.317
17.1	-0.064	0.155	9.915	11.549	13.472	15.740	18.418	0.402	0.147	13.511	15.879	18.477	21.315	24.399
17.2	-0.070	0.155	9.929	11.562	13.485	15.755	18.438	0.404	0.147	13.566	15.940	18.545	21.388	24.476
17.3	-0.075	0.155	9.942	11.574	13.497	15.769	18.456	0.407	0.147	13.618	15.998	18.609	21.457	24.549
17.4	-0.081	0.155	9.955	11.585	13.508	15.781	18.474	0.409	0.146	13.668	16.054	18.670	21.522	24.617
17.5	-0.087	0.154	9.966	11.596	13.519	15.793	18.490	0.411	0.146	13.716	16.107	18.728	21.584	24.682
17.6	-0.093	0.154	9.977	11.605	13.528	15.804	18.505	0.413	0.146	13.762	16.158	18.783	21.642	24.742
17.7	-0.099	0.154	9.988	11.614	13.536	15.813	18.518	0.415	0.146	13.806	16.206	18.835	21.697	24.799
17.8	-0.105	0.154	9.998	11.622	13.544	15.822	18.531	0.418	0.145	13.847	16.252	18.884	21.749	24.853
17.9	-0.110	0.154	10.007	11.630	13.551	15.830	18.542	0.420	0.145	13.887	16.296	18.931	21.798	24.902
18.0	-0.116	0.154	10.016	11.637	13.557	15.837	18.553	0.422	0.145	13.925	16.338	18.976	21.844	24.949
18.1	-0.122	0.154	10.024	11.643	13.562	15.843	18.563	0.424	0.145	13.962	16.377	19.018	21.888	24.993
18.2	-0.128	0.154	10.032	11.649	13.567	15.848	18.572	0.426	0.145	13.996	16.415	19.058	21.929	25.033

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.3	-0.134	0.154	10.039	11.655	13.571	15.853	18.580	0.429	0.144	14.030	16.451	19.095	21.967	25.071
18.4	-0.140	0.154	10.046	11.660	13.575	15.858	18.588	0.431	0.144	14.062	16.486	19.131	22.003	25.106
18.5	-0.145	0.154	10.053	11.664	13.578	15.861	18.594	0.433	0.144	14.092	16.518	19.165	22.037	25.139
18.6	-0.151	0.154	10.059	11.668	13.581	15.864	18.601	0.435	0.144	14.122	16.550	19.198	22.070	25.170
18.7	-0.157	0.153	10.065	11.672	13.584	15.867	18.606	0.437	0.144	14.150	16.580	19.228	22.100	25.198
18.8	-0.163	0.153	10.071	11.675	13.586	15.869	18.611	0.439	0.143	14.177	16.608	19.258	22.128	25.225
18.9	-0.169	0.153	10.076	11.678	13.587	15.871	18.615	0.442	0.143	14.203	16.636	19.286	22.155	25.249
19.0	-0.175	0.153	10.081	11.681	13.588	15.872	18.619	0.444	0.143	14.228	16.663	19.312	22.181	25.272
19.1	-0.180	0.153	10.086	11.684	13.589	15.873	18.623	0.446	0.143	14.253	16.688	19.338	22.205	25.294
19.2	-0.186	0.153	10.090	11.686	13.590	15.873	18.626	0.448	0.142	14.277	16.713	19.362	22.228	25.314
19.3	-0.192	0.153	10.095	11.688	13.590	15.873	18.629	0.450	0.142	14.300	16.737	19.386	22.250	25.333
19.4	-0.198	0.153	10.099	11.690	13.590	15.873	18.631	0.453	0.142	14.322	16.760	19.408	22.271	25.351
19.5	-0.204	0.153	10.103	11.691	13.590	15.873	18.633	0.455	0.142	14.344	16.782	19.430	22.291	25.367
19.6	-0.210	0.153	10.106	11.692	13.590	15.872	18.635	0.457	0.142	14.366	16.804	19.451	22.310	25.383
19.7	-0.215	0.153	10.110	11.693	13.589	15.871	18.636	0.459	0.141	14.387	16.826	19.472	22.329	25.398
19.8	-0.221	0.153	10.113	11.694	13.588	15.870	18.638	0.461	0.141	14.407	16.846	19.492	22.347	25.412
19.9	-0.227	0.153	10.117	11.695	13.587	15.869	18.639	0.464	0.141	14.428	16.867	19.512	22.364	25.426
20.0	-0.233	0.152	10.120	11.696	13.586	15.867	18.640	0.466	0.141	14.448	16.887	19.531	22.381	25.439

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.044	0.154	2.838	3.304	3.851	4.493	5.247	1.360	0.170	2.674	3.479	4.221	4.919	5.582
5.1	-0.042	0.153	2.908	3.385	3.944	4.600	5.371	1.350	0.170	2.744	3.563	4.320	5.034	5.714
5.2	-0.040	0.153	2.978	3.466	4.038	4.708	5.495	1.339	0.169	2.813	3.647	4.420	5.149	5.845
5.3	-0.038	0.153	3.048	3.547	4.131	4.816	5.619	1.328	0.169	2.883	3.731	4.519	5.265	5.977
5.4	-0.036	0.153	3.118	3.628	4.225	4.923	5.743	1.317	0.169	2.954	3.815	4.619	5.380	6.108
5.5	-0.034	0.152	3.189	3.709	4.318	5.031	5.866	1.306	0.169	3.024	3.900	4.718	5.495	6.240
5.6	-0.032	0.152	3.259	3.791	4.412	5.139	5.990	1.296	0.168	3.095	3.985	4.818	5.611	6.372
5.7	-0.030	0.152	3.330	3.872	4.506	5.247	6.114	1.285	0.168	3.166	4.069	4.918	5.726	6.504
5.8	-0.028	0.152	3.401	3.954	4.600	5.355	6.238	1.274	0.168	3.238	4.154	5.018	5.842	6.636
5.9	-0.026	0.151	3.472	4.036	4.694	5.463	6.362	1.263	0.168	3.310	4.239	5.118	5.958	6.768
6.0	-0.024	0.151	3.543	4.118	4.788	5.571	6.486	1.253	0.167	3.382	4.325	5.218	6.074	6.900
6.1	-0.022	0.151	3.614	4.200	4.883	5.680	6.610	1.242	0.167	3.454	4.410	5.318	6.190	7.033
6.2	-0.020	0.151	3.686	4.282	4.978	5.789	6.735	1.231	0.167	3.527	4.496	5.419	6.306	7.166
6.3	-0.019	0.150	3.758	4.365	5.073	5.898	6.859	1.220	0.167	3.600	4.582	5.519	6.422	7.299
6.4	-0.017	0.150	3.830	4.448	5.168	6.007	6.985	1.209	0.166	3.673	4.668	5.620	6.539	7.432
6.5	-0.015	0.150	3.903	4.532	5.264	6.117	7.110	1.199	0.166	3.747	4.754	5.721	6.656	7.565
6.6	-0.013	0.150	3.976	4.616	5.361	6.227	7.236	1.188	0.166	3.821	4.841	5.822	6.773	7.699
6.7	-0.011	0.149	4.049	4.700	5.458	6.338	7.363	1.177	0.165	3.895	4.928	5.924	6.890	7.833
6.8	-0.009	0.149	4.123	4.785	5.555	6.450	7.490	1.166	0.165	3.970	5.015	6.025	7.008	7.968
6.9	-0.007	0.149	4.198	4.871	5.653	6.562	7.618	1.155	0.165	4.045	5.103	6.127	7.126	8.103
7.0	-0.005	0.149	4.273	4.957	5.752	6.675	7.747	1.145	0.165	4.121	5.191	6.230	7.244	8.238
7.1	-0.003	0.149	4.349	5.044	5.852	6.789	7.877	1.134	0.164	4.197	5.279	6.333	7.363	8.374
7.2	-0.001	0.148	4.425	5.132	5.952	6.904	8.008	1.123	0.164	4.274	5.368	6.436	7.482	8.511
7.3	0.001	0.148	4.502	5.221	6.054	7.020	8.140	1.112	0.164	4.351	5.458	6.540	7.602	8.648
7.4	0.003	0.148	4.580	5.310	6.156	7.137	8.273	1.102	0.164	4.428	5.548	6.644	7.723	8.786
7.5	0.005	0.148	4.659	5.401	6.260	7.255	8.408	1.091	0.163	4.507	5.638	6.750	7.844	8.925
7.6	0.007	0.147	4.739	5.493	6.365	7.375	8.544	1.080	0.163	4.586	5.730	6.855	7.966	9.065
7.7	0.009	0.147	4.820	5.585	6.471	7.496	8.682	1.069	0.163	4.666	5.822	6.962	8.089	9.206
7.8	0.010	0.147	4.902	5.679	6.579	7.618	8.821	1.058	0.163	4.746	5.914	7.069	8.213	9.348
7.9	0.012	0.147	4.985	5.774	6.687	7.742	8.962	1.048	0.162	4.827	6.008	7.177	8.338	9.491
8.0	0.014	0.146	5.069	5.871	6.797	7.868	9.104	1.037	0.162	4.909	6.102	7.286	8.464	9.635
8.1	0.016	0.146	5.154	5.968	6.909	7.995	9.249	1.026	0.162	4.992	6.197	7.397	8.591	9.780
8.2	0.018	0.146	5.240	6.067	7.022	8.124	9.395	1.015	0.162	5.076	6.294	7.508	8.719	9.927
8.3	0.020	0.146	5.328	6.168	7.137	8.254	9.543	1.004	0.161	5.161	6.391	7.620	8.848	10.076
8.4	0.022	0.145	5.417	6.269	7.253	8.386	9.693	0.994	0.161	5.247	6.489	7.734	8.979	10.226
8.5	0.024	0.145	5.507	6.372	7.370	8.520	9.844	0.983	0.161	5.334	6.589	7.849	9.112	10.378
8.6	0.026	0.145	5.598	6.477	7.489	8.656	9.998	0.972	0.160	5.422	6.690	7.965	9.246	10.532
8.7	0.028	0.145	5.690	6.583	7.610	8.793	10.154	0.961	0.160	5.511	6.792	8.083	9.382	10.687
8.8	0.030	0.145	5.784	6.690	7.733	8.932	10.312	0.951	0.160	5.601	6.896	8.202	9.519	10.845
8.9	0.032	0.144	5.879	6.798	7.856	9.073	10.471	0.940	0.160	5.693	7.001	8.323	9.658	11.005
9.0	0.034	0.144	5.975	6.908	7.982	9.215	10.632	0.929	0.159	5.786	7.107	8.445	9.799	11.167
9.1	0.036	0.144	6.072	7.019	8.108	9.359	10.795	0.918	0.159	5.881	7.215	8.570	9.942	11.331
9.2	0.038	0.144	6.170	7.132	8.236	9.505	10.960	0.907	0.159	5.976	7.324	8.696	10.087	11.497
9.3	0.040	0.143	6.270	7.246	8.366	9.652	11.127	0.897	0.159	6.074	7.435	8.823	10.234	11.666
9.4	0.041	0.143	6.371	7.360	8.497	9.801	11.295	0.886	0.158	6.172	7.548	8.953	10.383	11.837
9.5	0.043	0.143	6.472	7.477	8.629	9.951	11.464	0.875	0.158	6.273	7.662	9.084	10.535	12.011

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
9.6	0.045	0.143	6.575	7.594	8.762	10.102	11.635	0.864	0.158	6.375	7.779	9.218	10.689	12.187
9.7	0.047	0.142	6.678	7.712	8.897	10.254	11.807	0.854	0.158	6.478	7.897	9.354	10.845	12.366
9.8	0.049	0.142	6.782	7.831	9.032	10.408	11.981	0.843	0.157	6.583	8.016	9.491	11.003	12.548
9.9	0.051	0.142	6.887	7.950	9.168	10.562	12.155	0.832	0.157	6.690	8.138	9.631	11.164	12.733
10.0	0.053	0.142	6.993	8.071	9.305	10.717	12.330	0.821	0.157	6.799	8.262	9.773	11.327	12.920
10.1	0.055	0.142	7.099	8.192	9.443	10.873	12.506	0.810	0.157	6.909	8.387	9.917	11.493	13.111
10.2	0.057	0.141	7.205	8.313	9.581	11.029	12.682	0.800	0.156	7.021	8.515	10.063	11.661	13.304
10.3	0.059	0.141	7.312	8.435	9.719	11.186	12.859	0.789	0.156	7.135	8.644	10.211	11.831	13.500
10.4	0.061	0.141	7.419	8.557	9.858	11.343	13.035	0.778	0.156	7.250	8.775	10.362	12.004	13.698
10.5	0.063	0.141	7.527	8.680	9.997	11.499	13.212	0.767	0.156	7.367	8.909	10.515	12.180	13.900
10.6	0.065	0.140	7.634	8.802	10.135	11.656	13.388	0.756	0.155	7.487	9.044	10.670	12.358	14.105
10.7	0.067	0.140	7.741	8.924	10.274	11.813	13.564	0.746	0.155	7.607	9.181	10.827	12.539	14.313
10.8	0.069	0.140	7.848	9.046	10.412	11.968	13.739	0.735	0.155	7.730	9.320	10.986	12.722	14.523
10.9	0.071	0.140	7.955	9.167	10.550	12.124	13.914	0.724	0.155	7.854	9.461	11.148	12.907	14.736
11.0	0.072	0.140	8.061	9.288	10.686	12.278	14.087	0.713	0.154	7.980	9.604	11.311	13.095	14.952
11.1	0.074	0.139	8.167	9.408	10.822	12.431	14.259	0.703	0.154	8.108	9.749	11.476	13.285	15.171
11.2	0.076	0.139	8.272	9.527	10.957	12.583	14.429	0.692	0.154	8.237	9.895	11.644	13.478	15.392
11.3	0.078	0.139	8.376	9.646	11.091	12.734	14.598	0.681	0.154	8.368	10.043	11.813	13.672	15.615
11.4	0.080	0.139	8.479	9.763	11.224	12.883	14.765	0.670	0.153	8.500	10.193	11.984	13.868	15.841
11.5	0.082	0.138	8.582	9.879	11.355	13.030	14.930	0.659	0.153	8.634	10.345	12.157	14.067	16.070
11.6	0.084	0.138	8.683	9.994	11.484	13.176	15.093	0.649	0.153	8.770	10.497	12.332	14.267	16.300
11.7	0.086	0.138	8.783	10.108	11.612	13.320	15.253	0.638	0.153	8.906	10.652	12.508	14.469	16.533
11.8	0.088	0.138	8.882	10.219	11.739	13.461	15.411	0.627	0.152	9.044	10.807	12.685	14.673	16.767
11.9	0.090	0.138	8.979	10.330	11.863	13.601	15.567	0.616	0.152	9.183	10.964	12.864	14.878	17.003
12.0	0.092	0.137	9.075	10.438	11.985	13.737	15.719	0.605	0.152	9.323	11.122	13.044	15.084	17.240
12.1	0.094	0.137	9.169	10.545	12.105	13.872	15.869	0.595	0.152	9.464	11.281	13.224	15.292	17.479
12.2	0.096	0.137	9.262	10.650	12.223	14.004	16.016	0.584	0.151	9.606	11.440	13.406	15.500	17.718
12.3	0.098	0.137	9.353	10.753	12.339	14.133	16.159	0.573	0.151	9.748	11.600	13.588	15.709	17.959
12.4	0.100	0.136	9.443	10.854	12.452	14.259	16.299	0.562	0.151	9.891	11.761	13.771	15.918	18.200
12.5	0.102	0.136	9.530	10.953	12.563	14.383	16.436	0.552	0.151	10.035	11.922	13.954	16.128	18.442
12.6	0.103	0.136	9.616	11.050	12.672	14.504	16.570	0.541	0.150	10.179	12.084	14.137	16.338	18.684
12.7	0.105	0.136	9.700	11.144	12.778	14.622	16.701	0.530	0.150	10.323	12.245	14.321	16.548	18.926
12.8	0.107	0.136	9.783	11.237	12.881	14.737	16.828	0.519	0.150	10.468	12.407	14.504	16.758	19.167
12.9	0.109	0.135	9.863	11.327	12.982	14.849	16.951	0.508	0.150	10.612	12.568	14.687	16.967	19.409
13.0	0.111	0.135	9.941	11.415	13.080	14.958	17.071	0.498	0.150	10.757	12.729	14.869	17.176	19.650
13.1	0.113	0.135	10.018	11.501	13.176	15.064	17.188	0.487	0.149	10.901	12.890	15.051	17.384	19.889
13.2	0.115	0.135	10.092	11.585	13.269	15.167	17.300	0.476	0.149	11.045	13.050	15.232	17.591	20.128
13.3	0.117	0.134	10.165	11.666	13.359	15.266	17.410	0.465	0.149	11.188	13.210	15.412	17.797	20.366
13.4	0.119	0.134	10.235	11.745	13.447	15.363	17.516	0.455	0.149	11.331	13.368	15.591	18.001	20.602
13.5	0.121	0.134	10.304	11.822	13.532	15.457	17.618	0.444	0.148	11.473	13.526	15.769	18.204	20.836
13.6	0.123	0.134	10.371	11.896	13.615	15.548	17.717	0.433	0.148	11.614	13.682	15.945	18.406	21.069
13.7	0.125	0.134	10.436	11.969	13.695	15.636	17.813	0.422	0.148	11.754	13.837	16.120	18.605	21.299
13.8	0.127	0.133	10.499	12.039	13.773	15.721	17.905	0.411	0.148	11.893	13.991	16.293	18.803	21.527
13.9	0.129	0.133	10.560	12.107	13.847	15.802	17.994	0.401	0.147	12.031	14.144	16.464	18.998	21.753
14.0	0.131	0.133	10.619	12.172	13.920	15.882	18.079	0.390	0.147	12.168	14.294	16.633	19.191	21.976
14.1	0.132	0.133	10.676	12.236	13.990	15.958	18.161	0.379	0.147	12.304	14.443	16.800	19.382	22.197
14.2	0.134	0.133	10.732	12.297	14.057	16.031	18.240	0.368	0.147	12.438	14.591	16.965	19.570	22.414
14.3	0.136	0.132	10.785	12.357	14.122	16.102	18.316	0.357	0.146	12.570	14.736	17.127	19.755	22.628
14.4	0.138	0.132	10.837	12.414	14.185	16.170	18.389	0.347	0.146	12.701	14.879	17.287	19.937	22.839
14.5	0.140	0.132	10.887	12.470	14.246	16.235	18.459	0.336	0.146	12.830	15.020	17.445	20.116	23.046
14.6	0.142	0.132	10.936	12.523	14.304	16.298	18.525	0.325	0.146	12.957	15.159	17.599	20.292	23.250
14.7	0.144	0.131	10.983	12.575	14.360	16.358	18.589	0.314	0.145	13.083	15.295	17.751	20.465	23.450
14.8	0.146	0.131	11.028	12.624	14.414	16.416	18.650	0.304	0.145	13.206	15.429	17.900	20.634	23.646
14.9	0.148	0.131	11.072	12.672	14.466	16.471	18.709	0.293	0.145	13.328	15.561	18.046	20.800	23.839
15.0	0.150	0.131	11.114	12.719	14.516	16.524	18.765	0.282	0.145	13.447	15.690	18.189	20.962	24.027
15.1	0.152	0.131	11.155	12.763	14.564	16.575	18.818	0.271	0.145	13.564	15.816	18.329	21.121	24.211
15.2	0.154	0.130	11.194	12.806	14.610	16.624	18.869	0.260	0.144	13.679	15.940	18.466	21.276	24.391
15.3	0.156	0.130	11.233	12.848	14.654	16.671	18.917	0.250	0.144	13.791	16.060	18.599	21.427	24.567
15.4	0.158	0.130	11.269	12.887	14.697	16.716	18.963	0.239	0.144	13.902	16.179	18.729	21.575	24.738
15.5	0.160	0.130	11.305	12.926	14.738	16.759	19.007	0.228	0.144	14.009	16.294	18.856	21.718	24.905
15.6	0.162	0.130	11.339	12.963	14.777	16.800	19.050	0.217	0.143	14.115	16.406	18.979	21.858	25.067
15.7	0.163	0.129	11.373	12.999	14.815	16.839	19.090	0.206	0.143	14.218	16.516	19.099	21.993	25.225
15.8	0.165	0.129	11.405	13.033	14.852	16.877	19.128	0.196	0.143	14.319	16.623	19.216	22.125	25.378
15.9	0.167	0.129	11.436	13.067	14.887	16.913	19.164	0.185	0.143	14.417	16.726	19.329	22.253	25.527
16.0	0.169	0.129	11.466	13.099	14.920	16.948	19.199	0.174	0.142	14.512	16.827	19.439	22.376	25.671
16.1	0.171	0.129	11.495	13.130	14.953	16.981	19.232	0.163	0.142	14.605	16.925	19.545	22.496	25.811
16.2	0.173	0.128	11.523	13.160	14.984	17.013	19.263	0.153	0.142	14.696	17.020	19.647	22.611	25.946
16.3	0.175	0.128	11.551	13.189	15.014	17.043	19.293	0.142	0.142	14.784	17.111	19.746	22.723	26.076

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
16.4	0.177	0.128	11.577	13.217	15.043	17.073	19.322	0.131	0.142	14.869	17.200	19.842	22.830	26.201
16.5	0.179	0.128	11.603	13.244	15.072	17.101	19.349	0.120	0.141	14.952	17.286	19.934	22.933	26.323
16.6	0.181	0.128	11.628	13.271	15.099	17.128	19.375	0.109	0.141	15.033	17.369	20.023	23.033	26.439
16.7	0.183	0.127	11.652	13.296	15.125	17.154	19.400	0.099	0.141	15.111	17.449	20.109	23.128	26.551
16.8	0.185	0.127	11.676	13.321	15.150	17.179	19.424	0.088	0.141	15.186	17.526	20.191	23.220	26.659
16.9	0.187	0.127	11.699	13.345	15.174	17.203	19.446	0.077	0.140	15.259	17.600	20.270	23.308	26.762
17.0	0.189	0.127	11.721	13.368	15.198	17.226	19.468	0.066	0.140	15.330	17.672	20.345	23.392	26.861
17.1	0.191	0.127	11.743	13.390	15.220	17.248	19.488	0.056	0.140	15.398	17.741	20.417	23.472	26.956
17.2	0.193	0.126	11.764	13.412	15.242	17.269	19.507	0.045	0.140	15.464	17.807	20.486	23.549	27.046
17.3	0.194	0.126	11.785	13.433	15.263	17.289	19.526	0.034	0.140	15.527	17.870	20.552	23.622	27.132
17.4	0.196	0.126	11.805	13.454	15.284	17.308	19.543	0.023	0.139	15.588	17.930	20.615	23.691	27.215
17.5	0.198	0.126	11.824	13.474	15.303	17.327	19.560	0.012	0.139	15.647	17.988	20.675	23.757	27.293
17.6	0.200	0.126	11.843	13.493	15.322	17.345	19.575	0.002	0.139	15.704	18.044	20.732	23.820	27.367
17.7	0.202	0.125	11.861	13.512	15.341	17.362	19.590	-0.009	0.139	15.758	18.097	20.786	23.879	27.438
17.8	0.204	0.125	11.879	13.530	15.358	17.378	19.604	-0.020	0.138	15.811	18.147	20.837	23.935	27.505
17.9	0.206	0.125	11.897	13.548	15.376	17.394	19.617	-0.031	0.138	15.861	18.196	20.886	23.988	27.568
18.0	0.208	0.125	11.914	13.565	15.392	17.409	19.630	-0.042	0.138	15.909	18.241	20.932	24.038	27.627
18.1	0.210	0.125	11.930	13.581	15.408	17.423	19.641	-0.052	0.138	15.956	18.285	20.975	24.085	27.684
18.2	0.212	0.124	11.946	13.597	15.423	17.437	19.652	-0.063	0.138	16.000	18.326	21.016	24.129	27.737
18.3	0.214	0.124	11.962	13.613	15.438	17.450	19.663	-0.074	0.137	16.042	18.366	21.054	24.170	27.787
18.4	0.216	0.124	11.977	13.628	15.452	17.463	19.672	-0.085	0.137	16.083	18.403	21.090	24.209	27.833
18.5	0.218	0.124	11.992	13.643	15.466	17.475	19.681	-0.095	0.137	16.122	18.439	21.124	24.245	27.877
18.6	0.220	0.124	12.007	13.657	15.479	17.486	19.690	-0.106	0.137	16.160	18.472	21.156	24.278	27.918
18.7	0.222	0.123	12.021	13.671	15.492	17.497	19.698	-0.117	0.136	16.196	18.504	21.186	24.310	27.957
18.8	0.224	0.123	12.035	13.685	15.505	17.508	19.705	-0.128	0.136	16.230	18.534	21.214	24.339	27.992
18.9	0.225	0.123	12.049	13.698	15.517	17.518	19.712	-0.139	0.136	16.263	18.563	21.240	24.366	28.026
19.0	0.227	0.123	12.063	13.711	15.529	17.527	19.719	-0.149	0.136	16.295	18.590	21.264	24.391	28.057
19.1	0.229	0.123	12.076	13.724	15.541	17.537	19.725	-0.160	0.136	16.325	18.615	21.287	24.414	28.086
19.2	0.231	0.122	12.089	13.737	15.552	17.546	19.731	-0.171	0.135	16.354	18.640	21.308	24.435	28.113
19.3	0.233	0.122	12.102	13.749	15.563	17.555	19.737	-0.182	0.135	16.382	18.663	21.328	24.455	28.138
19.4	0.235	0.122	12.114	13.761	15.574	17.563	19.742	-0.193	0.135	16.409	18.685	21.347	24.473	28.162
19.5	0.237	0.122	12.127	13.773	15.584	17.572	19.747	-0.203	0.135	16.436	18.706	21.364	24.490	28.183
19.6	0.239	0.122	12.139	13.785	15.595	17.580	19.752	-0.214	0.134	16.461	18.726	21.380	24.506	28.204
19.7	0.241	0.121	12.152	13.797	15.605	17.588	19.757	-0.225	0.134	16.485	18.745	21.395	24.520	28.223
19.8	0.243	0.121	12.164	13.808	15.615	17.596	19.762	-0.236	0.134	16.509	18.763	21.410	24.533	28.240
19.9	0.245	0.121	12.176	13.820	15.626	17.604	19.767	-0.246	0.134	16.532	18.780	21.423	24.546	28.257
20.0	0.247	0.121	12.189	13.832	15.636	17.612	19.771	-0.257	0.134	16.554	18.797	21.436	24.558	28.273

Table S33. Fat Mass, kg

Non-Black Children														
	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	-0.204	0.235	2.980	3.712	4.672	5.947	7.665	-0.181	0.237	2.631	3.286	4.143	5.276	6.794
5.1	-0.204	0.238	3.017	3.765	4.749	6.059	7.831	-0.184	0.239	2.644	3.309	4.182	5.342	6.902
5.2	-0.205	0.240	3.053	3.818	4.826	6.173	8.000	-0.186	0.242	2.656	3.332	4.222	5.409	7.012
5.3	-0.206	0.242	3.089	3.870	4.903	6.287	8.170	-0.189	0.245	2.669	3.355	4.262	5.476	7.124
5.4	-0.207	0.245	3.125	3.923	4.980	6.402	8.343	-0.192	0.248	2.682	3.379	4.303	5.545	7.239
5.5	-0.207	0.247	3.160	3.975	5.058	6.517	8.517	-0.195	0.250	2.694	3.402	4.344	5.615	7.357
5.6	-0.208	0.249	3.195	4.027	5.135	6.634	8.695	-0.198	0.253	2.707	3.426	4.386	5.686	7.477
5.7	-0.209	0.252	3.230	4.079	5.213	6.752	8.875	-0.200	0.256	2.719	3.449	4.428	5.759	7.600
5.8	-0.209	0.254	3.264	4.130	5.291	6.871	9.057	-0.203	0.259	2.732	3.473	4.471	5.833	7.727
5.9	-0.210	0.257	3.298	4.182	5.370	6.990	9.243	-0.206	0.262	2.745	3.498	4.514	5.908	7.857
6.0	-0.211	0.259	3.332	4.234	5.448	7.111	9.431	-0.209	0.265	2.758	3.523	4.558	5.986	7.990
6.1	-0.211	0.262	3.365	4.285	5.527	7.234	9.622	-0.211	0.268	2.772	3.548	4.604	6.065	8.128
6.2	-0.212	0.264	3.399	4.337	5.607	7.357	9.816	-0.214	0.271	2.786	3.574	4.650	6.146	8.269
6.3	-0.213	0.267	3.432	4.388	5.687	7.482	10.013	-0.217	0.274	2.800	3.600	4.697	6.230	8.415
6.4	-0.213	0.269	3.465	4.440	5.767	7.608	10.213	-0.220	0.277	2.814	3.627	4.746	6.315	8.566
6.5	-0.214	0.272	3.499	4.491	5.848	7.736	10.417	-0.223	0.280	2.830	3.655	4.796	6.404	8.722
6.6	-0.215	0.274	3.532	4.543	5.930	7.865	10.625	-0.225	0.283	2.845	3.684	4.848	6.495	8.883
6.7	-0.215	0.277	3.565	4.596	6.012	7.996	10.836	-0.228	0.286	2.862	3.714	4.901	6.588	9.050
6.8	-0.216	0.279	3.598	4.648	6.095	8.129	11.051	-0.231	0.289	2.879	3.745	4.955	6.685	9.222
6.9	-0.217	0.282	3.631	4.700	6.179	8.263	11.269	-0.234	0.292	2.896	3.777	5.012	6.785	9.401
7.0	-0.218	0.284	3.664	4.753	6.263	8.399	11.491	-0.237	0.296	2.915	3.809	5.070	6.888	9.585
7.1	-0.218	0.287	3.698	4.806	6.348	8.537	11.717	-0.239	0.299	2.934	3.843	5.129	6.994	9.776
7.2	-0.219	0.289	3.731	4.860	6.434	8.676	11.947	-0.242	0.302	2.954	3.878	5.191	7.103	9.973
7.3	-0.220	0.292	3.765	4.914	6.521	8.817	12.180	-0.245	0.305	2.974	3.914	5.254	7.215	10.177
7.4	-0.220	0.294	3.798	4.968	6.608	8.960	12.418	-0.248	0.308	2.996	3.951	5.318	7.330	10.387
7.5	-0.221	0.297	3.832	5.023	6.697	9.105	12.659	-0.251	0.312	3.018	3.989	5.385	7.449	10.604
7.6	-0.222	0.300	3.867	5.078	6.786	9.251	12.904	-0.253	0.315	3.040	4.028	5.453	7.570	10.828
7.7	-0.222	0.302	3.901	5.133	6.876	9.400	13.153	-0.256	0.318	3.064	4.068	5.523	7.695	11.058
7.8	-0.223	0.304	3.936	5.189	6.967	9.550	13.406	-0.259	0.321	3.088	4.109	5.594	7.823	11.295
7.9	-0.224	0.307	3.971	5.246	7.059	9.701	13.662	-0.262	0.324	3.113	4.151	5.667	7.954	11.539
8.0	-0.224	0.309	4.006	5.303	7.151	9.855	13.922	-0.264	0.328	3.138	4.194	5.742	8.088	11.789
8.1	-0.225	0.312	4.042	5.360	7.245	10.010	14.186	-0.267	0.331	3.164	4.237	5.817	8.224	12.045
8.2	-0.226	0.314	4.078	5.418	7.339	10.167	14.453	-0.270	0.334	3.191	4.282	5.895	8.364	12.308
8.3	-0.226	0.317	4.115	5.477	7.435	10.325	14.724	-0.273	0.337	3.218	4.327	5.973	8.505	12.577
8.4	-0.227	0.319	4.152	5.536	7.531	10.485	14.997	-0.276	0.340	3.245	4.373	6.052	8.649	12.851
8.5	-0.228	0.321	4.189	5.595	7.628	10.647	15.274	-0.278	0.343	3.273	4.419	6.132	8.795	13.131
8.6	-0.229	0.323	4.227	5.655	7.726	10.810	15.554	-0.281	0.346	3.301	4.466	6.214	8.943	13.417
8.7	-0.229	0.326	4.265	5.716	7.824	10.974	15.836	-0.284	0.349	3.330	4.513	6.296	9.092	13.707
8.8	-0.230	0.328	4.304	5.778	7.924	11.140	16.121	-0.287	0.352	3.359	4.561	6.378	9.244	14.002
8.9	-0.231	0.330	4.343	5.840	8.024	11.307	16.409	-0.290	0.355	3.388	4.609	6.462	9.396	14.302
9.0	-0.231	0.332	4.383	5.902	8.125	11.475	16.699	-0.292	0.358	3.418	4.658	6.545	9.550	14.605
9.1	-0.232	0.334	4.423	5.965	8.227	11.644	16.991	-0.295	0.361	3.448	4.706	6.629	9.705	14.913
9.2	-0.233	0.336	4.464	6.029	8.330	11.815	17.284	-0.298	0.363	3.478	4.755	6.713	9.860	15.223
9.3	-0.233	0.338	4.506	6.094	8.433	11.986	17.580	-0.301	0.366	3.508	4.803	6.797	10.016	15.536
9.4	-0.234	0.339	4.548	6.159	8.537	12.158	17.876	-0.304	0.369	3.538	4.852	6.881	10.172	15.852
9.5	-0.235	0.341	4.590	6.225	8.642	12.331	18.174	-0.306	0.371	3.568	4.900	6.965	10.329	16.170
9.6	-0.235	0.343	4.634	6.291	8.748	12.505	18.473	-0.309	0.374	3.598	4.949	7.048	10.485	16.489
9.7	-0.236	0.344	4.678	6.359	8.854	12.679	18.772	-0.312	0.376	3.628	4.997	7.131	10.640	16.808
9.8	-0.237	0.346	4.722	6.427	8.961	12.854	19.072	-0.315	0.379	3.658	5.045	7.214	10.795	17.129
9.9	-0.237	0.347	4.768	6.495	9.068	13.029	19.372	-0.317	0.381	3.688	5.092	7.296	10.949	17.450
10.0	-0.238	0.349	4.814	6.565	9.176	13.205	19.671	-0.320	0.383	3.718	5.140	7.377	11.102	17.770
10.1	-0.239	0.350	4.861	6.635	9.285	13.381	19.970	-0.323	0.385	3.747	5.186	7.457	11.253	18.089
10.2	-0.240	0.351	4.909	6.705	9.394	13.557	20.268	-0.326	0.387	3.777	5.233	7.537	11.403	18.407
10.3	-0.240	0.352	4.957	6.777	9.504	13.733	20.565	-0.329	0.389	3.806	5.278	7.615	11.552	18.724
10.4	-0.241	0.353	5.006	6.849	9.614	13.909	20.860	-0.331	0.391	3.835	5.324	7.692	11.698	19.038
10.5	-0.242	0.354	5.056	6.922	9.725	14.084	21.154	-0.334	0.393	3.864	5.368	7.768	11.842	19.348
10.6	-0.242	0.355	5.107	6.996	9.836	14.260	21.446	-0.337	0.395	3.892	5.412	7.843	11.984	19.656
10.7	-0.243	0.356	5.159	7.071	9.948	14.435	21.736	-0.340	0.397	3.921	5.456	7.916	12.123	19.960
10.8	-0.244	0.357	5.212	7.146	10.060	14.610	22.024	-0.343	0.398	3.949	5.498	7.988	12.260	20.260
10.9	-0.244	0.357	5.265	7.222	10.173	14.784	22.308	-0.345	0.400	3.976	5.540	8.059	12.394	20.555
11.0	-0.245	0.358	5.320	7.299	10.286	14.957	22.590	-0.348	0.402	4.004	5.582	8.128	12.526	20.845
11.1	-0.246	0.358	5.375	7.377	10.399	15.130	22.869	-0.351	0.403	4.031	5.622	8.195	12.654	21.131
11.2	-0.246	0.359	5.432	7.456	10.513	15.303	23.144	-0.354	0.404	4.057	5.662	8.261	12.779	21.410
11.3	-0.247	0.359	5.489	7.535	10.627	15.474	23.416	-0.357	0.405	4.084	5.701	8.326	12.901	21.684
11.4	-0.248	0.359	5.547	7.615	10.741	15.644	23.683	-0.359	0.407	4.110	5.739	8.388	13.020	21.951

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
11.5	-0.248	0.359	5.606	7.696	10.856	15.814	23.948	-0.362	0.408	4.135	5.776	8.449	13.135	22.211
11.6	-0.249	0.359	5.666	7.778	10.971	15.983	24.208	-0.365	0.409	4.160	5.813	8.509	13.247	22.465
11.7	-0.250	0.359	5.727	7.861	11.087	16.150	24.464	-0.368	0.410	4.185	5.849	8.566	13.355	22.711
11.8	-0.251	0.359	5.789	7.944	11.202	16.317	24.715	-0.370	0.411	4.210	5.884	8.622	13.460	22.951
11.9	-0.251	0.359	5.852	8.028	11.318	16.482	24.962	-0.373	0.411	4.234	5.918	8.677	13.561	23.183
12.0	-0.252	0.358	5.916	8.113	11.434	16.646	25.205	-0.376	0.412	4.258	5.951	8.730	13.659	23.408
12.1	-0.253	0.358	5.981	8.199	11.550	16.809	25.444	-0.379	0.413	4.282	5.984	8.781	13.754	23.626
12.2	-0.253	0.358	6.047	8.285	11.666	16.971	25.678	-0.382	0.413	4.305	6.016	8.830	13.845	23.836
12.3	-0.254	0.357	6.113	8.372	11.783	17.131	25.907	-0.384	0.414	4.328	6.048	8.879	13.933	24.038
12.4	-0.255	0.356	6.180	8.459	11.899	17.290	26.132	-0.387	0.414	4.351	6.078	8.925	14.018	24.233
12.5	-0.255	0.356	6.248	8.547	12.015	17.448	26.353	-0.390	0.415	4.373	6.108	8.970	14.099	24.421
12.6	-0.256	0.355	6.317	8.636	12.132	17.604	26.569	-0.393	0.415	4.396	6.138	9.014	14.177	24.601
12.7	-0.257	0.354	6.387	8.725	12.248	17.759	26.780	-0.396	0.415	4.418	6.167	9.056	14.252	24.774
12.8	-0.257	0.354	6.457	8.815	12.365	17.913	26.988	-0.398	0.415	4.439	6.195	9.097	14.324	24.940
12.9	-0.258	0.353	6.528	8.905	12.481	18.065	27.191	-0.401	0.415	4.461	6.223	9.137	14.393	25.099
13.0	-0.259	0.352	6.600	8.995	12.597	18.216	27.390	-0.404	0.415	4.482	6.250	9.176	14.460	25.252
13.1	-0.259	0.351	6.672	9.086	12.712	18.366	27.584	-0.407	0.415	4.504	6.277	9.214	14.524	25.398
13.2	-0.260	0.350	6.744	9.177	12.828	18.514	27.775	-0.410	0.415	4.525	6.303	9.251	14.585	25.538
13.3	-0.261	0.349	6.817	9.268	12.943	18.660	27.963	-0.412	0.415	4.546	6.329	9.286	14.645	25.673
13.4	-0.262	0.348	6.890	9.360	13.058	18.805	28.146	-0.415	0.415	4.567	6.355	9.321	14.702	25.801
13.5	-0.262	0.347	6.964	9.451	13.172	18.949	28.326	-0.418	0.415	4.588	6.381	9.355	14.757	25.924
13.6	-0.263	0.346	7.038	9.543	13.286	19.091	28.503	-0.421	0.415	4.609	6.406	9.389	14.810	26.042
13.7	-0.264	0.345	7.112	9.634	13.399	19.232	28.676	-0.423	0.414	4.630	6.431	9.422	14.862	26.156
13.8	-0.264	0.344	7.186	9.725	13.512	19.372	28.846	-0.426	0.414	4.651	6.456	9.454	14.911	26.264
13.9	-0.265	0.343	7.260	9.816	13.624	19.510	29.014	-0.429	0.414	4.672	6.481	9.486	14.960	26.369
14.0	-0.266	0.341	7.334	9.907	13.736	19.647	29.179	-0.432	0.413	4.693	6.505	9.517	15.007	26.470
14.1	-0.266	0.340	7.408	9.997	13.847	19.782	29.341	-0.435	0.413	4.714	6.530	9.548	15.053	26.567
14.2	-0.267	0.339	7.482	10.087	13.957	19.916	29.502	-0.437	0.413	4.735	6.555	9.579	15.098	26.661
14.3	-0.268	0.338	7.555	10.177	14.066	20.049	29.660	-0.440	0.412	4.756	6.580	9.609	15.142	26.752
14.4	-0.268	0.337	7.629	10.266	14.175	20.181	29.816	-0.443	0.412	4.778	6.605	9.640	15.185	26.840
14.5	-0.269	0.336	7.701	10.354	14.282	20.311	29.970	-0.446	0.411	4.800	6.630	9.670	15.228	26.926
14.6	-0.270	0.335	7.773	10.442	14.389	20.440	30.123	-0.449	0.411	4.822	6.655	9.700	15.270	27.010
14.7	-0.270	0.334	7.845	10.529	14.495	20.568	30.274	-0.451	0.410	4.844	6.680	9.731	15.312	27.092
14.8	-0.271	0.333	7.916	10.615	14.599	20.695	30.425	-0.454	0.409	4.866	6.706	9.761	15.354	27.173
14.9	-0.272	0.332	7.987	10.700	14.703	20.820	30.574	-0.457	0.409	4.889	6.732	9.792	15.395	27.253
15.0	-0.273	0.331	8.056	10.785	14.806	20.945	30.722	-0.460	0.408	4.912	6.758	9.823	15.437	27.331
15.1	-0.273	0.330	8.125	10.868	14.908	21.068	30.870	-0.463	0.408	4.935	6.784	9.855	15.479	27.410
15.2	-0.274	0.329	8.193	10.951	15.008	21.190	31.017	-0.465	0.407	4.959	6.811	9.887	15.521	27.488
15.3	-0.275	0.328	8.261	11.033	15.108	21.312	31.164	-0.468	0.406	4.983	6.839	9.919	15.564	27.567
15.4	-0.275	0.328	8.327	11.113	15.206	21.432	31.311	-0.471	0.406	5.007	6.866	9.952	15.607	27.646
15.5	-0.276	0.327	8.392	11.192	15.303	21.552	31.458	-0.474	0.405	5.031	6.894	9.985	15.651	27.725
15.6	-0.277	0.326	8.456	11.271	15.399	21.671	31.605	-0.476	0.404	5.057	6.923	10.019	15.696	27.805
15.7	-0.277	0.325	8.519	11.348	15.494	21.789	31.752	-0.479	0.403	5.082	6.952	10.053	15.741	27.887
15.8	-0.278	0.325	8.581	11.424	15.588	21.906	31.900	-0.482	0.403	5.108	6.982	10.089	15.788	27.970
15.9	-0.279	0.324	8.642	11.498	15.681	22.023	32.048	-0.485	0.402	5.134	7.012	10.125	15.835	28.055
16.0	-0.279	0.323	8.702	11.572	15.772	22.138	32.197	-0.488	0.401	5.161	7.043	10.161	15.884	28.142
16.1	-0.280	0.323	8.761	11.644	15.863	22.254	32.347	-0.490	0.401	5.188	7.074	10.199	15.934	28.231
16.2	-0.281	0.323	8.818	11.715	15.952	22.368	32.498	-0.493	0.400	5.215	7.106	10.237	15.985	28.322
16.3	-0.281	0.322	8.874	11.785	16.040	22.483	32.651	-0.496	0.399	5.243	7.138	10.277	16.038	28.417
16.4	-0.282	0.322	8.929	11.853	16.127	22.596	32.804	-0.499	0.399	5.272	7.171	10.317	16.092	28.514
16.5	-0.283	0.321	8.982	11.920	16.213	22.709	32.959	-0.502	0.398	5.301	7.205	10.358	16.147	28.614
16.6	-0.284	0.321	9.035	11.986	16.298	22.822	33.115	-0.504	0.397	5.330	7.239	10.399	16.204	28.717
16.7	-0.284	0.321	9.086	12.051	16.382	22.935	33.273	-0.507	0.397	5.360	7.274	10.442	16.263	28.824
16.8	-0.285	0.321	9.136	12.114	16.465	23.047	33.432	-0.510	0.396	5.390	7.309	10.486	16.323	28.934
16.9	-0.286	0.321	9.184	12.176	16.547	23.159	33.592	-0.513	0.396	5.420	7.345	10.530	16.384	29.047
17.0	-0.286	0.320	9.232	12.237	16.628	23.270	33.754	-0.515	0.395	5.451	7.382	10.575	16.448	29.165
17.1	-0.287	0.320	9.278	12.297	16.707	23.382	33.918	-0.518	0.394	5.482	7.419	10.622	16.513	29.287
17.2	-0.288	0.320	9.323	12.356	16.786	23.493	34.084	-0.521	0.394	5.514	7.456	10.669	16.579	29.412
17.3	-0.288	0.320	9.367	12.413	16.864	23.604	34.251	-0.524	0.393	5.546	7.495	10.717	16.647	29.542
17.4	-0.289	0.320	9.410	12.469	16.941	23.714	34.420	-0.527	0.393	5.578	7.533	10.766	16.717	29.675
17.5	-0.290	0.321	9.451	12.525	17.018	23.825	34.591	-0.529	0.392	5.611	7.572	10.815	16.788	29.812
17.6	-0.290	0.321	9.492	12.579	17.093	23.935	34.763	-0.532	0.392	5.644	7.612	10.865	16.861	29.954
17.7	-0.291	0.321	9.531	12.632	17.168	24.045	34.937	-0.535	0.391	5.677	7.652	10.916	16.935	30.099
17.8	-0.292	0.321	9.570	12.684	17.241	24.155	35.112	-0.538	0.391	5.711	7.692	10.968	17.011	30.247
17.9	-0.293	0.321	9.607	12.735	17.314	24.265	35.289	-0.541	0.391	5.744	7.732	11.020	17.088	30.400
18.0	-0.293	0.322	9.644	12.785	17.387	24.375	35.467	-0.543	0.390	5.778	7.773	11.073	17.166	30.557
18.1	-0.294	0.322	9.680	12.835	17.458	24.485	35.647	-0.546	0.390	5.812	7.815	11.126	17.245	30.717
18.2	-0.295	0.322	9.714	12.883	17.529	24.594	35.829	-0.549	0.389	5.846	7.856	11.180	17.326	30.881

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
18.3	-0.295	0.323	9.748	12.931	17.599	24.704	36.011	-0.552	0.389	5.881	7.898	11.235	17.408	31.048
18.4	-0.296	0.323	9.781	12.977	17.668	24.813	36.195	-0.555	0.389	5.915	7.940	11.290	17.491	31.219
18.5	-0.297	0.324	9.814	13.023	17.737	24.922	36.381	-0.557	0.388	5.950	7.982	11.345	17.574	31.393
18.6	-0.297	0.324	9.845	13.068	17.805	25.031	36.567	-0.560	0.388	5.984	8.024	11.400	17.659	31.570
18.7	-0.298	0.324	9.876	13.113	17.872	25.139	36.755	-0.563	0.388	6.019	8.067	11.456	17.745	31.751
18.8	-0.299	0.325	9.906	13.156	17.939	25.248	36.943	-0.566	0.388	6.054	8.109	11.513	17.831	31.934
18.9	-0.299	0.325	9.935	13.199	18.005	25.356	37.133	-0.568	0.387	6.089	8.152	11.569	17.918	32.121
19.0	-0.300	0.326	9.963	13.241	18.070	25.464	37.324	-0.571	0.387	6.123	8.195	11.626	18.006	32.310
19.1	-0.301	0.326	9.991	13.283	18.135	25.572	37.515	-0.574	0.387	6.158	8.237	11.683	18.095	32.502
19.2	-0.301	0.327	10.019	13.323	18.200	25.679	37.708	-0.577	0.387	6.193	8.280	11.740	18.184	32.697
19.3	-0.302	0.328	10.046	13.364	18.264	25.787	37.901	-0.580	0.387	6.228	8.323	11.797	18.274	32.894
19.4	-0.303	0.328	10.072	13.403	18.327	25.894	38.095	-0.582	0.386	6.263	8.366	11.854	18.364	33.093
19.5	-0.304	0.329	10.098	13.443	18.390	26.001	38.290	-0.585	0.386	6.298	8.409	11.912	18.455	33.295
19.6	-0.304	0.329	10.123	13.481	18.452	26.108	38.485	-0.588	0.386	6.333	8.452	11.970	18.546	33.499
19.7	-0.305	0.330	10.148	13.519	18.514	26.214	38.681	-0.591	0.386	6.368	8.496	12.027	18.637	33.704
19.8	-0.306	0.331	10.172	13.557	18.576	26.320	38.878	-0.594	0.386	6.403	8.539	12.085	18.729	33.912
19.9	-0.306	0.331	10.196	13.595	18.637	26.427	39.075	-0.596	0.386	6.438	8.582	12.143	18.822	34.121
20.0	-0.307	0.332	10.220	13.632	18.697	26.532	39.272	-0.599	0.386	6.473	8.625	12.202	18.914	34.332

Black Children

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
5.0	0.082	0.297	2.468	3.360	4.539	6.088	8.110	-0.461	0.251	2.249	2.786	3.535	4.617	6.262
5.1	0.080	0.299	2.496	3.404	4.607	6.191	8.262	-0.462	0.255	2.273	2.822	3.590	4.707	6.416
5.2	0.078	0.301	2.525	3.448	4.675	6.293	8.415	-0.463	0.258	2.296	2.858	3.646	4.799	6.573
5.3	0.076	0.303	2.553	3.492	4.742	6.396	8.570	-0.464	0.261	2.319	2.894	3.702	4.891	6.733
5.4	0.074	0.304	2.580	3.536	4.810	6.500	8.726	-0.465	0.264	2.342	2.929	3.758	4.983	6.896
5.5	0.072	0.306	2.608	3.580	4.879	6.605	8.885	-0.466	0.268	2.365	2.964	3.814	5.077	7.063
5.6	0.070	0.308	2.636	3.624	4.948	6.711	9.045	-0.467	0.271	2.387	2.999	3.871	5.172	7.234
5.7	0.067	0.310	2.664	3.668	5.017	6.818	9.208	-0.468	0.275	2.409	3.033	3.927	5.268	7.408
5.8	0.065	0.312	2.692	3.713	5.087	6.926	9.373	-0.469	0.278	2.430	3.067	3.983	5.365	7.586
5.9	0.063	0.314	2.719	3.757	5.158	7.036	9.540	-0.470	0.281	2.452	3.101	4.040	5.464	7.769
6.0	0.061	0.315	2.747	3.802	5.229	7.147	9.711	-0.471	0.285	2.472	3.135	4.096	5.563	7.956
6.1	0.059	0.317	2.775	3.847	5.300	7.259	9.883	-0.472	0.289	2.493	3.169	4.153	5.663	8.147
6.2	0.057	0.319	2.804	3.893	5.373	7.373	10.059	-0.473	0.292	2.513	3.202	4.210	5.765	8.342
6.3	0.055	0.321	2.832	3.939	5.447	7.488	10.238	-0.474	0.296	2.533	3.235	4.267	5.868	8.543
6.4	0.053	0.323	2.861	3.986	5.521	7.605	10.420	-0.476	0.299	2.553	3.268	4.324	5.972	8.748
6.5	0.051	0.325	2.890	4.033	5.597	7.724	10.606	-0.477	0.303	2.573	3.301	4.382	6.078	8.959
6.6	0.049	0.327	2.920	4.081	5.673	7.846	10.795	-0.478	0.307	2.592	3.334	4.439	6.185	9.175
6.7	0.047	0.329	2.949	4.129	5.751	7.969	10.987	-0.479	0.310	2.611	3.367	4.497	6.294	9.396
6.8	0.045	0.331	2.980	4.178	5.830	8.094	11.184	-0.480	0.314	2.631	3.400	4.556	6.404	9.622
6.9	0.043	0.332	3.010	4.228	5.910	8.222	11.384	-0.481	0.318	2.650	3.433	4.614	6.515	9.855
7.0	0.041	0.334	3.042	4.279	5.992	8.351	11.589	-0.482	0.322	2.669	3.465	4.673	6.628	10.093
7.1	0.039	0.336	3.073	4.331	6.075	8.483	11.797	-0.483	0.325	2.687	3.498	4.732	6.743	10.337
7.2	0.037	0.338	3.106	4.383	6.159	8.618	12.009	-0.484	0.329	2.706	3.531	4.792	6.859	10.587
7.3	0.035	0.340	3.138	4.436	6.244	8.754	12.225	-0.485	0.333	2.725	3.563	4.852	6.976	10.843
7.4	0.033	0.342	3.172	4.490	6.331	8.893	12.445	-0.486	0.337	2.743	3.596	4.912	7.095	11.105
7.5	0.031	0.343	3.206	4.545	6.420	9.035	12.669	-0.487	0.340	2.762	3.629	4.972	7.215	11.373
7.6	0.029	0.345	3.241	4.601	6.510	9.178	12.897	-0.488	0.344	2.780	3.661	5.033	7.337	11.648
7.7	0.027	0.347	3.276	4.658	6.601	9.324	13.129	-0.489	0.348	2.798	3.694	5.094	7.460	11.929
7.8	0.025	0.349	3.313	4.716	6.694	9.473	13.365	-0.490	0.352	2.817	3.726	5.155	7.584	12.216
7.9	0.023	0.350	3.349	4.775	6.788	9.623	13.605	-0.491	0.355	2.835	3.759	5.216	7.710	12.509
8.0	0.021	0.352	3.387	4.835	6.884	9.776	13.849	-0.493	0.359	2.853	3.792	5.278	7.837	12.808
8.1	0.019	0.354	3.426	4.896	6.981	9.932	14.096	-0.494	0.363	2.872	3.824	5.340	7.965	13.114
8.2	0.017	0.355	3.465	4.958	7.080	10.089	14.347	-0.495	0.367	2.890	3.857	5.402	8.094	13.425
8.3	0.015	0.357	3.505	5.022	7.180	10.249	14.601	-0.496	0.370	2.908	3.890	5.464	8.224	13.742
8.4	0.012	0.358	3.546	5.086	7.282	10.410	14.859	-0.497	0.374	2.927	3.922	5.526	8.355	14.065
8.5	0.010	0.360	3.588	5.151	7.385	10.574	15.119	-0.498	0.377	2.945	3.955	5.588	8.487	14.394
8.6	0.008	0.361	3.631	5.218	7.490	10.740	15.383	-0.499	0.381	2.963	3.987	5.650	8.619	14.727
8.7	0.006	0.362	3.674	5.285	7.596	10.907	15.650	-0.500	0.384	2.982	4.020	5.713	8.753	15.066
8.8	0.004	0.364	3.719	5.354	7.703	11.077	15.919	-0.501	0.388	3.000	4.052	5.775	8.886	15.409
8.9	0.002	0.365	3.764	5.424	7.812	11.248	16.191	-0.502	0.391	3.018	4.085	5.837	9.021	15.757
9.0	0.000	0.366	3.811	5.494	7.922	11.421	16.465	-0.503	0.394	3.037	4.117	5.899	9.155	16.109
9.1	-0.002	0.367	3.858	5.566	8.033	11.595	16.742	-0.504	0.397	3.055	4.150	5.962	9.290	16.464
9.2	-0.004	0.368	3.906	5.639	8.145	11.771	17.020	-0.505	0.401	3.074	4.182	6.023	9.425	16.824
9.3	-0.006	0.369	3.955	5.713	8.259	11.948	17.300	-0.506	0.404	3.092	4.214	6.085	9.559	17.186
9.4	-0.008	0.370	4.005	5.788	8.374	12.127	17.582	-0.507	0.407	3.111	4.247	6.147	9.694	17.551
9.5	-0.010	0.371	4.056	5.864	8.490	12.307	17.865	-0.508	0.410	3.129	4.279	6.208	9.828	17.918

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
9.6	-0.012	0.371	4.108	5.941	8.607	12.488	18.149	-0.510	0.413	3.148	4.311	6.269	9.962	18.286
9.7	-0.014	0.372	4.161	6.020	8.725	12.669	18.434	-0.511	0.415	3.167	4.343	6.329	10.095	18.656
9.8	-0.016	0.373	4.215	6.099	8.844	12.852	18.720	-0.512	0.418	3.186	4.375	6.390	10.227	19.026
9.9	-0.018	0.373	4.270	6.179	8.964	13.036	19.006	-0.513	0.421	3.204	4.406	6.450	10.359	19.397
10.0	-0.020	0.374	4.326	6.260	9.085	13.220	19.292	-0.514	0.423	3.223	4.438	6.509	10.490	19.767
10.1	-0.022	0.374	4.383	6.343	9.206	13.404	19.578	-0.515	0.426	3.242	4.470	6.568	10.619	20.135
10.2	-0.024	0.374	4.441	6.426	9.329	13.589	19.864	-0.516	0.428	3.261	4.501	6.627	10.748	20.502
10.3	-0.026	0.375	4.500	6.510	9.452	13.775	20.150	-0.517	0.430	3.281	4.533	6.685	10.875	20.867
10.4	-0.028	0.375	4.560	6.595	9.577	13.961	20.434	-0.518	0.432	3.300	4.564	6.742	11.000	21.228
10.5	-0.030	0.375	4.621	6.681	9.701	14.146	20.718	-0.519	0.434	3.319	4.596	6.799	11.124	21.585
10.6	-0.032	0.375	4.683	6.768	9.827	14.332	21.001	-0.520	0.436	3.339	4.627	6.856	11.246	21.938
10.7	-0.034	0.375	4.746	6.856	9.953	14.518	21.282	-0.521	0.438	3.358	4.658	6.911	11.366	22.285
10.8	-0.036	0.375	4.810	6.945	10.080	14.704	21.562	-0.522	0.440	3.378	4.689	6.967	11.484	22.627
10.9	-0.038	0.375	4.874	7.035	10.207	14.889	21.840	-0.523	0.441	3.398	4.720	7.021	11.600	22.962
11.0	-0.040	0.375	4.940	7.126	10.335	15.074	22.116	-0.524	0.443	3.418	4.750	7.075	11.713	23.289
11.1	-0.042	0.374	5.007	7.218	10.463	15.259	22.390	-0.525	0.444	3.438	4.781	7.128	11.824	23.609
11.2	-0.045	0.374	5.075	7.310	10.592	15.443	22.662	-0.527	0.446	3.458	4.812	7.181	11.933	23.919
11.3	-0.047	0.373	5.144	7.403	10.721	15.627	22.931	-0.528	0.447	3.478	4.843	7.233	12.039	24.221
11.4	-0.049	0.373	5.214	7.497	10.851	15.810	23.198	-0.529	0.448	3.499	4.873	7.284	12.143	24.512
11.5	-0.051	0.372	5.285	7.592	10.980	15.992	23.462	-0.530	0.449	3.520	4.904	7.335	12.244	24.793
11.6	-0.053	0.372	5.357	7.688	11.110	16.174	23.724	-0.531	0.450	3.541	4.934	7.384	12.342	25.063
11.7	-0.055	0.371	5.430	7.784	11.241	16.355	23.983	-0.532	0.450	3.562	4.965	7.434	12.437	25.321
11.8	-0.057	0.370	5.503	7.881	11.371	16.535	24.239	-0.533	0.451	3.583	4.995	7.482	12.529	25.567
11.9	-0.059	0.370	5.578	7.979	11.502	16.714	24.492	-0.534	0.451	3.605	5.026	7.530	12.619	25.802
12.0	-0.061	0.369	5.653	8.077	11.632	16.892	24.743	-0.535	0.452	3.626	5.056	7.577	12.705	26.024
12.1	-0.063	0.368	5.729	8.176	11.763	17.069	24.991	-0.536	0.452	3.648	5.086	7.623	12.789	26.234
12.2	-0.065	0.367	5.805	8.275	11.894	17.245	25.236	-0.537	0.452	3.670	5.117	7.668	12.869	26.431
12.3	-0.067	0.366	5.883	8.375	12.024	17.421	25.478	-0.538	0.452	3.693	5.147	7.713	12.947	26.616
12.4	-0.069	0.365	5.960	8.475	12.155	17.595	25.718	-0.539	0.452	3.715	5.177	7.757	13.022	26.788
12.5	-0.071	0.364	6.039	8.575	12.285	17.768	25.955	-0.540	0.452	3.738	5.207	7.801	13.094	26.947
12.6	-0.073	0.363	6.117	8.675	12.416	17.941	26.189	-0.541	0.451	3.760	5.237	7.844	13.163	27.094
12.7	-0.075	0.362	6.197	8.776	12.546	18.112	26.422	-0.542	0.451	3.783	5.267	7.886	13.229	27.229
12.8	-0.077	0.361	6.276	8.877	12.675	18.282	26.652	-0.544	0.451	3.806	5.297	7.927	13.293	27.352
12.9	-0.079	0.360	6.355	8.977	12.804	18.451	26.879	-0.545	0.450	3.830	5.327	7.967	13.353	27.464
13.0	-0.081	0.359	6.435	9.078	12.933	18.619	27.105	-0.546	0.450	3.853	5.356	8.007	13.412	27.565
13.1	-0.083	0.358	6.515	9.178	13.061	18.787	27.329	-0.547	0.449	3.876	5.386	8.046	13.467	27.656
13.2	-0.085	0.357	6.594	9.278	13.189	18.953	27.552	-0.548	0.448	3.899	5.415	8.085	13.521	27.736
13.3	-0.087	0.356	6.674	9.378	13.316	19.118	27.773	-0.549	0.447	3.923	5.445	8.123	13.572	27.808
13.4	-0.089	0.355	6.753	9.477	13.442	19.282	27.993	-0.550	0.447	3.946	5.474	8.160	13.621	27.870
13.5	-0.091	0.354	6.831	9.576	13.568	19.446	28.213	-0.551	0.446	3.970	5.503	8.196	13.667	27.925
13.6	-0.093	0.353	6.910	9.674	13.693	19.608	28.431	-0.552	0.445	3.993	5.531	8.232	13.712	27.972
13.7	-0.095	0.352	6.987	9.771	13.817	19.770	28.649	-0.553	0.444	4.016	5.560	8.267	13.755	28.012
13.8	-0.097	0.351	7.064	9.868	13.940	19.931	28.867	-0.554	0.443	4.039	5.588	8.302	13.796	28.047
13.9	-0.099	0.351	7.140	9.963	14.062	20.091	29.085	-0.555	0.442	4.063	5.616	8.336	13.836	28.076
14.0	-0.102	0.350	7.215	10.057	14.183	20.251	29.303	-0.556	0.441	4.086	5.643	8.369	13.874	28.101
14.1	-0.104	0.349	7.289	10.151	14.303	20.410	29.522	-0.557	0.440	4.108	5.671	8.402	13.911	28.123
14.2	-0.106	0.348	7.362	10.243	14.422	20.568	29.741	-0.558	0.439	4.131	5.698	8.434	13.947	28.141
14.3	-0.108	0.348	7.434	10.334	14.540	20.725	29.961	-0.559	0.437	4.153	5.724	8.466	13.982	28.157
14.4	-0.110	0.347	7.505	10.424	14.657	20.882	30.181	-0.561	0.436	4.175	5.751	8.497	14.016	28.172
14.5	-0.112	0.347	7.575	10.512	14.772	21.039	30.403	-0.562	0.435	4.197	5.777	8.528	14.049	28.186
14.6	-0.114	0.346	7.643	10.599	14.887	21.195	30.626	-0.563	0.434	4.219	5.802	8.558	14.082	28.199
14.7	-0.116	0.346	7.710	10.685	15.000	21.350	30.851	-0.564	0.433	4.240	5.828	8.588	14.114	28.212
14.8	-0.118	0.346	7.775	10.769	15.111	21.505	31.077	-0.565	0.432	4.261	5.853	8.617	14.146	28.226
14.9	-0.120	0.345	7.839	10.852	15.222	21.660	31.305	-0.566	0.431	4.282	5.877	8.646	14.177	28.241
15.0	-0.122	0.345	7.901	10.933	15.331	21.815	31.535	-0.567	0.430	4.303	5.901	8.674	14.208	28.257
15.1	-0.124	0.345	7.962	11.012	15.439	21.969	31.767	-0.568	0.430	4.323	5.925	8.702	14.239	28.275
15.2	-0.126	0.345	8.021	11.090	15.546	22.123	32.002	-0.569	0.429	4.342	5.948	8.730	14.270	28.296
15.3	-0.128	0.345	8.078	11.166	15.652	22.276	32.239	-0.570	0.428	4.362	5.971	8.757	14.301	28.320
15.4	-0.130	0.345	8.134	11.240	15.756	22.430	32.480	-0.571	0.427	4.381	5.994	8.784	14.332	28.347
15.5	-0.132	0.345	8.187	11.313	15.858	22.584	32.723	-0.572	0.426	4.399	6.016	8.810	14.363	28.377
15.6	-0.134	0.346	8.239	11.384	15.960	22.737	32.970	-0.573	0.426	4.417	6.038	8.836	14.394	28.410
15.7	-0.136	0.346	8.290	11.453	16.060	22.891	33.220	-0.574	0.425	4.435	6.059	8.862	14.426	28.445
15.8	-0.138	0.346	8.338	11.520	16.159	23.045	33.473	-0.575	0.424	4.453	6.080	8.888	14.458	28.485
15.9	-0.140	0.347	8.384	11.585	16.256	23.199	33.730	-0.576	0.424	4.470	6.100	8.913	14.490	28.527
16.0	-0.142	0.347	8.429	11.649	16.352	23.353	33.991	-0.578	0.423	4.487	6.120	8.938	14.522	28.573
16.1	-0.144	0.348	8.472	11.711	16.447	23.507	34.255	-0.579	0.423	4.503	6.140	8.962	14.554	28.623
16.2	-0.146	0.349	8.513	11.771	16.541	23.661	34.523	-0.580	0.422	4.519	6.159	8.987	14.587	28.676
16.3	-0.148	0.350	8.552	11.829	16.633	23.816	34.796	-0.581	0.422	4.534	6.178	9.011	14.620	28.732

	Females							Males						
Age, y	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD	L	S	-2 SD	-1 SD	0 SD (M)	1 SD	2 SD
16.4	-0.150	0.350	8.589	11.886	16.724	23.971	35.073	-0.582	0.422	4.550	6.197	9.035	14.653	28.792
16.5	-0.152	0.351	8.625	11.940	16.814	24.126	35.354	-0.583	0.421	4.565	6.215	9.058	14.687	28.855
16.6	-0.154	0.352	8.659	11.993	16.902	24.281	35.639	-0.584	0.421	4.579	6.233	9.081	14.721	28.921
16.7	-0.156	0.353	8.691	12.045	16.989	24.437	35.929	-0.585	0.421	4.593	6.251	9.104	14.755	28.990
16.8	-0.159	0.354	8.721	12.094	17.075	24.593	36.223	-0.586	0.420	4.607	6.268	9.127	14.789	29.062
16.9	-0.161	0.356	8.750	12.142	17.160	24.749	36.522	-0.587	0.420	4.621	6.285	9.149	14.824	29.137
17.0	-0.163	0.357	8.777	12.189	17.244	24.906	36.825	-0.588	0.420	4.634	6.301	9.171	14.858	29.214
17.1	-0.165	0.358	8.802	12.233	17.326	25.063	37.132	-0.589	0.420	4.647	6.317	9.193	14.893	29.294
17.2	-0.167	0.360	8.826	12.277	17.407	25.220	37.444	-0.590	0.420	4.660	6.333	9.215	14.928	29.377
17.3	-0.169	0.361	8.849	12.318	17.487	25.378	37.760	-0.591	0.420	4.672	6.349	9.236	14.963	29.461
17.4	-0.171	0.362	8.870	12.358	17.566	25.536	38.081	-0.592	0.420	4.684	6.364	9.258	14.998	29.548
17.5	-0.173	0.364	8.889	12.397	17.644	25.694	38.406	-0.593	0.420	4.696	6.379	9.278	15.033	29.637
17.6	-0.175	0.365	8.907	12.434	17.721	25.852	38.736	-0.595	0.420	4.707	6.394	9.299	15.068	29.728
17.7	-0.177	0.367	8.924	12.470	17.796	26.011	39.070	-0.596	0.420	4.719	6.408	9.319	15.103	29.821
17.8	-0.179	0.369	8.940	12.505	17.871	26.170	39.410	-0.597	0.420	4.730	6.422	9.339	15.138	29.915
17.9	-0.181	0.370	8.954	12.538	17.945	26.330	39.754	-0.598	0.420	4.740	6.436	9.359	15.173	30.011
18.0	-0.183	0.372	8.967	12.570	18.017	26.490	40.102	-0.599	0.420	4.751	6.450	9.379	15.208	30.109
18.1	-0.185	0.374	8.979	12.601	18.089	26.650	40.456	-0.600	0.420	4.761	6.463	9.398	15.242	30.208
18.2	-0.187	0.376	8.989	12.630	18.160	26.811	40.814	-0.601	0.420	4.771	6.476	9.417	15.277	30.308
18.3	-0.189	0.378	8.999	12.658	18.229	26.972	41.178	-0.602	0.420	4.781	6.489	9.435	15.312	30.410
18.4	-0.191	0.379	9.008	12.685	18.298	27.133	41.546	-0.603	0.420	4.791	6.501	9.454	15.346	30.513
18.5	-0.193	0.381	9.015	12.711	18.366	27.296	41.920	-0.604	0.420	4.800	6.513	9.472	15.381	30.617
18.6	-0.195	0.383	9.022	12.736	18.434	27.458	42.299	-0.605	0.420	4.809	6.525	9.490	15.415	30.723
18.7	-0.197	0.385	9.028	12.760	18.500	27.621	42.683	-0.606	0.421	4.818	6.537	9.508	15.450	30.831
18.8	-0.199	0.387	9.032	12.783	18.566	27.785	43.073	-0.607	0.421	4.827	6.548	9.525	15.484	30.940
18.9	-0.201	0.389	9.036	12.806	18.631	27.949	43.468	-0.608	0.421	4.835	6.560	9.542	15.518	31.051
19.0	-0.203	0.392	9.039	12.827	18.695	28.114	43.869	-0.609	0.421	4.844	6.571	9.559	15.552	31.163
19.1	-0.205	0.394	9.042	12.847	18.759	28.280	44.276	-0.610	0.421	4.852	6.582	9.576	15.587	31.276
19.2	-0.207	0.396	9.044	12.866	18.822	28.446	44.688	-0.612	0.422	4.860	6.592	9.593	15.621	31.392
19.3	-0.209	0.398	9.045	12.885	18.884	28.613	45.106	-0.613	0.422	4.867	6.603	9.609	15.655	31.509
19.4	-0.211	0.400	9.045	12.903	18.946	28.781	45.531	-0.614	0.422	4.875	6.613	9.625	15.690	31.628
19.5	-0.213	0.402	9.045	12.920	19.007	28.949	45.962	-0.615	0.422	4.882	6.623	9.642	15.724	31.749
19.6	-0.216	0.405	9.044	12.937	19.068	29.119	46.399	-0.616	0.423	4.890	6.633	9.658	15.759	31.872
19.7	-0.218	0.407	9.043	12.953	19.129	29.289	46.843	-0.617	0.423	4.897	6.643	9.674	15.793	31.997
19.8	-0.220	0.409	9.041	12.968	19.188	29.460	47.293	-0.618	0.423	4.904	6.652	9.689	15.828	32.125
19.9	-0.222	0.411	9.038	12.983	19.248	29.632	47.750	-0.619	0.424	4.911	6.662	9.705	15.864	32.255
20.0	-0.224	0.414	9.036	12.997	19.307	29.805	48.214	-0.620	0.424	4.917	6.671	9.721	15.899	32.387