

On-line Table: Predicted SCDSs from our formula and other Published formulas and the actual SCDSs

Age (yr)/Sex	BMI	Angle	Predicted Distance (inches)	Actual Distance (inches)			Level	(17 x weight/height) + 1) ^a	% Δ	(Male: 1.27 + 18 x BMI, Female: 1.68 + 0.067 x kg) ^a			% Δ	Stocker and Bonsu ¹² (0.5 x weight [kg] + 18) ^b			% Δ	Chong, et al ¹³ (10 x weight / height + 1) ^a			% Δ
				9	4.8	4.2				(Male: 1.27 + 18 x BMI, Female: 1.68 + 0.067 x kg) ^a	% Δ	(0.5 x weight [kg] + 18) ^b	% Δ	(10 x weight / height + 1) ^a	% Δ	(10 x weight / height + 1) ^a	% Δ	(10 x weight / height + 1) ^a	% Δ		
28/M	35.93	5	3.78	3.39	9	4.8	L2-L3	4.06	26	3.04	3.07	9	2.99	12	2.56	20	2.58	20	2.56	20	2.56
19/M	31.8	6	3.38	3.22	5	3.14	L3-L4	4.26	23	2.69	2.67	18	18	23	2.67	18	2.85	22	2.85	22	2.85
53/M	30.83	6	3.31	3.46	4	3.14	L3-L4	3.9	18	3.06	3.06	8	2.5	24	2.43	24	2.5	24	2.43	24	2.43
43/F	29.52	7	3.2	3.31	3	3.14	L3-L4	4.2	30	2.97	2.97	8	2.5	22	2.63	22	2.5	22	2.63	22	2.63
26/M	34.96	7	3.63	3.22	13	3.14	L3-L4	4.15	29	2.77	2.77	14	2.65	20	2.59	20	2.65	18	2.59	18	2.59
46/M	32.05	-	3.4	3.22	6	3.14	L3-L4	3.85	20	2.56	2.56	20	2.5	25	2.4	22	2.5	22	2.4	22	2.4
25/M	29.43	3	3.2	3.2	0	3.14	L3-L4	5.11	2	3.67	3.67	27	2.95	41	3.2	41	3.2	41	3.2	41	3.2
54/F	43.23	0	4.3	5	14	12-L3	3.23	8	2.17	2.17	27	1.8	30	2.1	30	2.1	30	2.1	30	2.1	
68/M	23.78	7	2.74	2.99	8	12-L3	3.46	12	2.31	2.31	25	2.34	21	2.2	29	2.2	29	2.2	29	2.2	
68/M	25.6	-	2.89	31	7	12-L3	3.46	12	2.31	2.31	25	2.34	21	2.2	29	2.2	29	2.2	29	2.2	
64/F	17.08	12	2.21	2.76	20	12-L3	2.27	18	1.89	1.89	32	1.6	42	1.5	46	1.5	46	1.5	46	1.5	
73/M	21.57	15	2.57	2.56	0.4	12-L3	2.9	13	2.02	2.02	21	1.97	23	1.85	28	1.85	28	1.85	28	1.85	
49/N	31.55	13	3.36	3.07	9	12-L3	3.92	28	2.73	2.73	11	2.45	20	2.47	20	2.47	20	2.47	20	2.47	
19.36	15	2.39	2.83	15.5	15.5	12-L3	2.52	11	2	2.77	29	1.74	39	1.65	42	1.65	42	1.65	42		
48/M	32.94	0	3.48	3.15	10	13-L4	3.93	25	2.83	2.83	10	2.53	20	2.56	19	2.56	19	2.56	19		
73/M	21.57	15	2.57	2.6	3	13-L4	2.9	12	2.02	2.02	22	1.97	24	1.85	29	1.85	29	1.85	29		
43/F	33.7	0	3.53	3.23	9	13-L4	4.17	29	3.17	3.17	2	2.56	21	2.61	19	2.61	19	2.61	19		
41/M	43.77	12	4.34	3.8	14	12-L3	5.23	38	3.6	3.6	5	3.08	19	3.24	15	3.24	15	3.24	15		
39/N	32.07	2	3.41	3.39	1	13-L4	3.98	17	2.77	2.77	18	2.48	27	2.5	26	2.5	26	2.5	26		
31.81	10	3.38	3.31	2	12-L3	3.95	19	2.75	2.75	17	2.47	25	2.49	25	2.49	25	2.49	25			
59/F	29.07	9	3.17	3.43	8	12-L3	3.65	6	2.8	2.8	18	2.31	33	2.31	33	2.31	33	2.31			
30/N	29.32	3	3.19	3.31	4	12-L3	3.93	19	2.58	2.58	22	2.58	22	2.47	25	2.47	25	2.47	25		
68/M	24.64	16	2.81	3.07	8	12-L3	3.32	8	2.24	2.24	27	2.24	27	2.11	31	2.11	31	2.11	31		
25/F	27.17	6	3.01	3.23	7	13-L4	3.24	0	2.44	2.44	24	2.05	37	2.07	36	2.07	36	2.07	36		
57/M	22.24	8	2.59	2.76	6	13-L4	2.93	6	2.07	2.07	25	1.97	29	1.89	32	1.89	32	1.89	32		
36/M	46.98	12	4.5	4.77	5	13-L4	5.75	22	3.82	3.82	19	3.34	29	3.54	25	3.54	25	3.54	25		
67/F	31.86	10	3.33	3.5	5	13-L4	3.85	10	2.88	2.88	18	2.34	33	2.44	30	2.44	30	2.44	30		
23/M	24.95	15	2.8	2.56	9	14-L5	3.45	35	2.27	2.27	11	2.35	8	2.19	14	2.19	14	2.19	14		
24/F	44.35	8	4.3	4.06	6	12-L3	5.67	40	4.37	4.37	7	3.47	15	3.5	14	3.5	14	3.5	14		
26/M	34.9	9	3.57	3.5	2	14-L5	4.19	20	2.97	2.97	15	2.53	18	2.62	11	2.62	11	2.62	11		
66/M	40.17	0	3.97	3.5	14	13-L4	5.45	56	3.35	3.35	4	3.5	29	3.37	4	3.37	4	3.37	4		
23/M	22.69	12	2.63	2.76	5	14-L5	3.17	15	2.1	2.1	24	22	20	2.03	26	2.03	26	2.03	26		
43/F	48.58	9	4.62	3.86	20	13-L4	5.96	54	4.43	4.43	15	3.52	9	3.66	5	3.66	5	3.66	5		
45/F	39.06	9	3.89	3.35	16	12-L3	4.39	31	3.06	3.06	9	2.5	25	2.74	18	2.74	18	2.74	18		
38/M	33.21	1	3.44	3.5	2	13-L4	4.29	23	2.85	2.85	19	2.72	22	2.69	23	2.69	22	2.69	23		
47/M	25.09	7	2.81	2.95	5	14-L5	3.34	13	2.28	2.28	23	2.23	24	2.13	28	2.13	28	2.13	28		
29/M	35.36	15	3.6	3.5	3	12-L3	4.72	35	3	3	14	3	14	3	16	3	16	3	16		
68/M	32.54	15	3.39	3.5	3	12-L3	4.37	25	2.81	2.81	20	2.85	19	2.74	22	2.74	22	2.74	22		
31/F	40.61	10	4	5	20	13-L4	5.22	4	4.05	4.05	19	3.24	35	3.23	35	3.23	35	3.23	35		
69/M	22.51	12	2.56	2.61	2	14-L5	3	15	2.09	2.09	20	2.3	26	1.92	26	1.92	26	1.92	26		
65/F	27.2	10	3	3.5	14	14-L5	3.34	5	2.6	2.6	26	2.15	39	2.15	39	2.15	39	2.15	39		
27/M	17.68	5	2.24	2.4	7	14-L5	2.53	5	1.75	1.75	27	1.84	33	1.65	31	1.65	31	1.65	31		
61/M	35.63	15	3.62	5	28	13-L4	4.83	3	3	3	40	312	3	3	40	3	3	40	3	3	
55/F	28.29	-	3.06	3.15	3	13-L4	3.66	16	2.89	2.89	8	2.36	25	2.31	27	2.31	25	2.31	27		
30.11	32	3.46	8	3.46	3.46	14-L5	3.64	5	2.77	2.77	21	2.24	24	2.24	24	2.24	24	2.24	24		

Note:- Δ indicates the difference between the predicted lengths by formulas and the actual distance: = oblique angles were not recorded

Note: □ indicates the difference between the precented results by formulas and formula results are in centimeters. Columns are converted to inches