

Appendix

Table 1. Value of Physical Functioning by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Chores	2	0.257	0.169	<0.001	0.182	0.226	0.091	0.185	0.211	0.500	0.244	0.201	0.420
	3	0.232	0.231	0.048	0.183	0.263	0.005	0.220	0.231	0.567	0.256	0.218	0.360
	4	1.546	0.846	<0.001	1.347	1.072	0.565	1.386	1.126	0.601	1.437	1.057	0.136
	5	4.408	3.321	0.009	5.092	3.349	0.069	5.014	3.851	0.436	8.443	3.567	0.025
Stairs	2	0.183	0.154	0.157	0.149	0.179	0.122	0.175	0.165	0.912	0.281	0.146	0.006
	3	0.191	0.209	0.795	0.169	0.219	0.035	0.273	0.190	0.347	0.317	0.162	<0.001
	4	0.968	0.538	<0.001	0.828	0.684	0.788	1.015	0.689	0.106	0.951	0.616	0.001
	5	2.326	1.281	<0.001	1.463	1.822	0.296	3.087	1.655	0.033	3.483	1.477	<0.001
Walk	2	0.354	0.228	<0.001	0.254	0.304	0.137	0.268	0.286	0.673	0.451	0.259	0.013
	3	0.294	0.233	0.001	0.211	0.294	0.016	0.285	0.259	0.968	0.199	0.263	0.228
	4	1.639	0.993	<0.001	1.187	1.341	0.161	2.054	1.205	0.086	1.453	1.144	0.097
	5	5.15	3.170	<0.001	3.666	4.175	0.295	7.760	3.854	0.038	8.292	3.556	0.013
Errands	2	0.348	0.223	<0.001	0.278	0.282	0.870	0.368	0.267	0.172	0.256	0.255	0.938
	3	0.298	0.223	<0.001	0.252	0.264	0.734	0.361	0.244	0.065	0.429	0.210	0.035
	4	3.387	1.625	<0.001	2.949	2.128	0.036	3.539	2.283	0.050	1.781	2.317	0.596
	5	15.716	5.949	<0.001	19.154	7.333	<0.001	13.532	9.654	0.243	9.493	9.953	0.994

Table 2. Value of Anxiety by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Fearful	2	0.293	0.293	0.997	0.305	0.286	0.613	0.374	0.281	0.197	0.607	0.244	<0.001
	3	0.849	0.516	0.001	0.981	0.556	<0.001	0.745	0.656	0.386	0.738	0.623	0.011
	4	3.882	1.689	<0.001	3.935	2.130	<0.001	2.712	2.584	0.598	2.609	2.621	0.305
	5	14.842	5.143	<0.001	14.911	6.764	<0.001	10.432	8.670	0.545	14.862	8.671	0.183
Focus	2	0.374	0.347	0.507	0.361	0.360	0.975	0.417	0.351	0.459	0.508	0.329	0.036
	3	0.867	0.600	0.006	0.993	0.634	0.005	1.103	0.684	0.047	0.692	0.678	0.300
	4	3.483	1.756	<0.001	3.307	2.207	0.004	4.135	2.330	0.022	2.047	2.365	0.918
	5	9.299	3.888	<0.001	8.885	5.027	0.004	4.211	6.435	0.718	10.005	6.497	0.355
Worries	2	0.317	0.320	0.947	0.287	0.338	0.187	0.570	0.291	0.002	0.490	0.267	0.007
	3	1.035	0.833	0.120	1.492	0.757	<0.001	1.054	0.915	0.133	1.079	0.904	0.097
	4	2.991	1.792	<0.001	3.362	1.981	<0.001	3.169	2.237	0.056	1.628	2.293	0.978
	5	9.836	4.441	<0.001	9.621	5.606	0.001	8.177	6.557	0.228	6.608	7.092	0.906
Uneasy	2	0.169	0.164	0.835	0.149	0.174	0.261	0.297	0.151	0.014	0.258	0.137	0.019
	3	0.413	0.377	0.535	0.423	0.379	0.834	0.517	0.378	0.060	0.574	0.350	0.005
	4	1.357	0.667	<0.001	1.356	0.817	0.004	1.223	0.923	0.028	0.889	0.884	0.110
	5	5.217	1.728	<0.001	4.537	2.545	0.001	4.751	2.898	0.034	2.664	3.029	0.565

Table 3. Value of Depression by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Worthless	2	0.287	0.230	0.022	0.263	0.257	0.870	0.333	0.247	0.141	0.348	0.234	0.027
	3	0.591	0.433	0.001	0.636	0.461	0.014	0.778	0.479	0.008	0.618	0.450	0.016
	4	2.123	1.123	<0.001	1.815	1.47	0.041	2.223	1.507	0.034	1.593	1.447	0.169
	5	7.519	2.483	<0.001	4.967	4.201	0.140	6.976	4.203	0.062	3.899	4.228	0.662
Helpless	2	0.201	0.192	0.685	0.251	0.175	0.001	0.167	0.200	0.399	0.262	0.190	0.131
	3	0.347	0.352	0.938	0.512	0.294	<0.001	0.336	0.348	0.625	0.439	0.333	0.051
	4	1.333	0.915	0.007	1.697	0.921	<0.001	1.536	1.065	0.265	0.856	1.049	0.863
	5	3.857	1.629	<0.001	2.960	2.390	0.002	5.450	2.328	0.034	2.896	2.296	0.337
Depressed	2	0.271	0.283	0.728	0.284	0.275	0.769	0.482	0.257	0.002	0.322	0.244	0.182
	3	0.715	0.501	0.008	0.825	0.522	<0.001	0.824	0.583	0.003	0.638	0.567	0.247
	4	2.931	1.795	<0.001	3.331	1.959	<0.001	4.849	2.085	<0.001	2.080	2.107	0.699
	5	8.983	3.68	<0.001	7.125	5.347	0.007	12.710	5.378	0.001	6.008	5.181	0.509
Hopeless	2	0.274	0.217	0.031	0.270	0.234	0.199	0.335	0.234	0.087	0.237	0.230	0.907
	3	0.452	0.378	0.027	0.521	0.377	0.010	0.838	0.373	<0.001	0.427	0.353	0.439
	4	2.441	1.208	<0.001	2.706	1.424	<0.001	2.242	1.685	0.030	1.283	1.715	0.377
	5	6.049	3.077	<0.001	5.008	4.122	0.015	7.448	4.141	0.031	3.649	4.338	0.611

Table 4. Value of Fatigue by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Fatigue	2	0.293	0.247	0.183	0.306	0.252	0.168	0.441	0.333	0.022	0.274	0.242	0.649
	3	0.169	0.146	0.125	0.181	0.147	0.081	0.156	0.778	0.062	0.163	0.147	0.563
	4	0.964	0.708	0.012	1.072	0.734	0.004	0.700	2.223	0.434	0.508	0.904	0.192
	5	0.785	0.514	0.002	0.634	0.644	0.022	0.890	6.976	0.093	0.814	0.576	0.994
	Starting	2	0.398	0.324	0.066	0.509	0.306	<0.001	0.330	0.167	0.602	0.389	0.349
Run-Down	3	0.165	0.161	0.114	0.175	0.158	<0.001	0.191	0.336	0.954	0.130	0.154	0.869
	4	0.735	0.49	0.002	0.725	0.557	<0.001	0.698	1.536	0.807	0.514	0.590	0.932
	5	0.508	0.436	0.007	0.422	0.504	<0.001	0.746	5.450	0.473	0.455	0.443	0.915
	2	0.421	0.287	0.003	0.462	0.307	0.003	0.403	0.482	0.520	0.518	0.314	0.048
	3	0.208	0.167	0.001	0.209	0.177	0.002	0.174	0.824	0.670	0.164	0.183	0.112
Average Fat.	4	0.789	0.511	<0.001	0.855	0.555	<0.001	0.533	4.849	0.970	0.483	0.677	0.486
	5	0.761	0.494	<0.001	0.559	0.651	0.001	0.703	12.71	0.706	0.641	0.578	0.229
	2	0.263	0.201	0.069	0.251	0.223	0.460	0.444	0.335	0.007	0.194	0.196	0.905
	3	0.212	0.172	0.026	0.196	0.191	0.540	0.193	0.838	0.027	0.191	0.175	0.855
	4	0.857	0.462	<0.001	0.848	0.554	0.014	0.722	2.242	0.052	0.593	0.615	0.952
5	0.747	0.498	<0.001	0.501	0.688	0.378	0.954	7.448	0.011	0.591	0.575	0.938	

Table 5. Value of Sleep Disturbance by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Quality	2	0.162	0.201	0.134	0.197	0.178	0.552	0.201	0.178	0.717	0.234	0.168	0.252
	3	0.821	0.562	0.013	0.841	0.623	0.013	0.911	0.657	0.118	0.910	0.623	0.039
	4	2.313	1.633	0.009	2.189	1.857	0.087	2.649	1.891	0.084	3.549	1.680	0.002
	5	2.161	1.323	0.001	1.691	1.723	0.140	3.764	1.553	0.005	1.404	1.530	0.014
Refreshing	2	0.222	0.206	0.584	0.190	0.230	0.158	0.438	0.192	0.002	0.272	0.178	0.157
	3	0.530	0.355	0.002	0.513	0.410	0.370	0.509	0.429	0.027	0.356	0.432	0.921
	4	0.310	0.277	0.023	0.277	0.308	0.921	0.364	0.282	0.011	0.228	0.280	0.807
	5	3.079	1.847	<0.001	2.938	2.179	0.074	4.042	2.253	0.002	2.507	2.180	0.457
Problem	2	0.388	0.429	0.429	0.465	0.384	0.122	0.628	0.382	0.029	0.716	0.335	0.001
	3	0.228	0.260	0.272	0.269	0.238	0.113	0.417	0.225	0.004	0.266	0.206	0.002
	4	0.975	0.688	0.308	1.344	0.659	<0.001	0.877	0.798	0.043	0.737	0.792	0.032
	5	0.684	0.406	0.252	0.464	0.573	0.006	1.267	0.467	0.002	0.420	0.461	0.016
Difficulty	2	0.195	0.227	0.203	0.256	0.194	0.031	0.302	0.199	0.085	0.430	0.171	<0.001
	3	0.167	0.192	0.143	0.206	0.174	0.041	0.252	0.173	0.047	0.216	0.158	0.001
	4	0.470	0.339	0.679	0.560	0.343	0.001	0.350	0.401	0.260	0.439	0.385	0.004
	5	0.466	0.380	0.843	0.385	0.446	0.022	0.910	0.371	0.014	0.581	0.333	0.001

Table 6. Value of Social Functioning by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Amount	2	0.105	0.092	0.574	0.077	0.112	0.085	0.196	0.089	0.062	0.122	0.082	0.336
	3	0.190	0.170	0.361	0.164	0.189	0.070	0.175	0.179	0.226	0.126	0.176	0.848
	4	0.167	0.159	0.392	0.156	0.169	0.058	0.225	0.155	0.070	0.134	0.154	0.967
	5	0.920	0.566	0.004	0.604	0.801	0.007	0.966	0.697	0.040	0.980	0.640	0.177
Work	2	0.115	0.110	0.869	0.091	0.126	0.118	0.116	0.110	0.970	0.161	0.102	0.250
	3	0.201	0.183	0.570	0.172	0.203	0.055	0.261	0.181	0.275	0.176	0.171	0.369
	4	0.174	0.189	0.888	0.169	0.191	0.049	0.274	0.170	0.155	0.149	0.170	0.454
	5	1.254	0.772	0.006	0.922	1.019	0.087	2.095	0.888	<0.001	1.065	0.860	0.186
Personal	2	0.118	0.131	0.426	0.115	0.130	0.290	0.185	0.116	0.085	0.156	0.106	0.132
	3	0.236	0.190	0.309	0.256	0.197	0.252	0.275	0.204	0.071	0.130	0.206	0.584
	4	0.197	0.141	0.183	0.176	0.165	0.582	0.180	0.162	0.085	0.108	0.162	0.712
	5	1.657	0.994	<0.001	1.332	1.261	0.492	1.757	1.230	0.026	1.586	1.191	0.292
Routine	2	0.121	0.134	0.481	0.103	0.142	0.030	0.203	0.117	0.059	0.122	0.110	0.796
	3	0.245	0.203	0.403	0.242	0.216	0.639	0.241	0.220	0.191	0.147	0.221	0.237
	4	0.179	0.173	0.729	0.192	0.173	0.531	0.239	0.170	0.073	0.146	0.166	0.467
	5	1.774	1.069	0.001	1.376	1.403	0.658	1.921	1.321	0.035	1.149	1.328	0.414

Table 7. Value of Pain Interference by Respondent Characteristics

Attribute	Level	Gender			Age in Years		Hispanic Ethnicity			Non-Hispanic Race			
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Day-to-day	2	0.083	0.110	0.257	0.087	0.095	0.676	0.049	0.101	0.158	0.073	0.098	0.536
	3	0.132	0.125	0.556	0.099	0.145	0.088	0.116	0.131	0.215	0.152	0.121	0.987
	4	0.658	0.432	0.076	0.595	0.512	0.852	0.463	0.536	0.244	0.794	0.502	0.186
	5	0.493	0.351	0.099	0.449	0.410	0.968	0.591	0.392	0.675	0.479	0.357	0.235
Home	2	0.050	0.074	0.192	0.049	0.065	0.323	0.076	0.058	0.647	0.086	0.052	0.429
	3	0.067	0.083	0.112	0.063	0.082	0.129	0.071	0.075	0.840	0.075	0.071	0.514
	4	0.263	0.195	0.948	0.242	0.220	0.579	0.285	0.217	0.450	0.314	0.201	0.147
	5	0.239	0.213	0.775	0.242	0.224	0.52	0.393	0.205	0.176	0.288	0.182	0.111
Soc. Activities	2	0.104	0.116	0.556	0.094	0.117	0.234	0.154	0.104	0.379	0.185	0.091	0.135
	3	0.062	0.069	0.503	0.055	0.073	0.134	0.08	0.064	0.438	0.071	0.059	0.203
	4	0.266	0.197	0.585	0.266	0.217	0.756	0.301	0.218	0.232	0.35	0.199	0.040
	5	0.244	0.215	0.810	0.244	0.228	0.563	0.397	0.208	0.105	0.219	0.192	0.075
Enjoyment	2	0.228	0.244	0.656	0.178	0.265	0.008	0.288	0.229	0.495	0.352	0.207	0.110
	3	0.142	0.192	0.216	0.130	0.184	0.005	0.168	0.164	0.651	0.132	0.164	0.380
	4	1.254	0.639	0.001	1.151	0.790	0.393	0.761	0.889	0.911	0.890	0.903	0.496
	5	0.787	0.496	0.004	0.660	0.621	0.866	0.851	0.595	0.523	0.487	0.589	0.522

Table 8. Value of All Domains by Respondent Characteristics

Attribute	Level	Gender			Age in Years			Hispanic Ethnicity			Non-Hispanic Race		
		Fem	Male	p-value	55+	18 - 54	p-value	Yes	No	p-value	Black	White	p-value
Physical Functioning	2	1.141	0.773	<0.001	0.863	0.991	0.104	0.995	0.928	0.788	1.232	0.860	0.021
	3	1.015	0.897	0.001	0.815	1.039	0.017	1.140	0.925	0.401	1.202	0.852	0.012
	4	7.539	4.002	<0.001	6.311	5.225	0.380	7.995	5.303	0.051	5.622	5.134	0.186
	5	27.600	13.722	<0.001	29.376	16.679	0.006	29.394	19.014	0.121	29.711	18.553	0.120
Anxiety	2	1.154	1.125	0.758	1.102	1.158	0.554	1.658	1.074	0.013	1.863	0.977	<0.001
	3	3.163	2.327	0.003	3.889	2.326	<0.001	3.419	2.633	0.022	3.083	2.555	0.013
	4	11.713	5.905	<0.001	11.960	7.134	<0.001	11.240	8.075	0.054	7.173	8.163	0.513
	5	39.195	15.201	<0.001	37.955	19.942	<0.001	27.571	24.561	0.343	34.139	25.289	0.346
Depression	2	1.033	0.921	0.042	1.067	0.941	0.034	1.316	0.938	0.001	1.169	0.898	0.011
	3	2.105	1.663	<0.001	2.495	1.654	<0.001	2.775	1.782	<0.001	2.121	1.702	0.012
	4	8.828	5.041	<0.001	9.548	5.774	<0.001	10.850	6.341	<0.001	5.812	6.318	0.704
	5	26.408	10.869	<0.001	20.060	16.059	0.010	32.584	16.051	0.008	16.452	16.043	0.690
Fatigue	2	1.374	1.058	0.003	1.528	1.089	<0.001	1.618	1.164	0.043	1.374	1.101	0.154
	3	0.753	0.646	0.005	0.760	0.673	0.001	0.713	0.690	0.125	0.648	0.658	0.302
	4	3.346	2.171	<0.001	3.500	2.399	<0.001	2.654	2.727	0.291	2.097	2.786	0.866
	5	2.801	1.941	<0.001	2.116	2.487	0.002	3.292	2.239	0.077	2.502	2.171	0.558
Sleep	2	0.967	1.063	0.316	1.108	0.987	0.244	1.570	0.951	0.005	1.653	0.852	<0.001
	3	1.746	1.370	0.162	1.829	1.444	0.029	2.089	1.484	0.009	1.748	1.419	0.007
	4	4.069	2.938	0.013	4.370	3.167	0.001	4.240	3.371	0.015	4.953	3.137	0.001
	5	6.390	3.956	0.002	5.478	4.921	0.021	9.984	4.645	<0.001	4.911	4.503	0.004
Social Functioning	2	0.459	0.467	0.834	0.386	0.510	0.008	0.700	0.432	0.028	0.561	0.400	0.116
	3	0.872	0.746	0.268	0.834	0.806	0.318	0.951	0.783	0.071	0.578	0.774	0.827
	4	0.717	0.662	0.419	0.693	0.698	0.209	0.918	0.658	0.033	0.537	0.652	0.998
	5	5.606	3.401	<0.001	4.234	4.485	0.280	6.740	4.137	0.002	4.780	4.018	0.343
Pain Interference	2	0.465	0.544	0.231	0.408	0.543	0.024	0.567	0.492	0.608	0.696	0.447	0.089
	3	0.404	0.469	0.220	0.348	0.484	0.015	0.434	0.434	0.848	0.429	0.415	0.324
	4	2.441	1.464	0.011	2.255	1.740	0.730	1.810	1.860	0.923	2.348	1.806	0.090
	5	1.764	1.275	0.059	1.595	1.482	0.723	2.232	1.399	0.360	1.473	1.321	0.115
Pain Intensity on a scale From 0 (no pain) to 10 (worst pain)	1	0.149	0.134	0.396	0.151	0.136	0.407	0.152	0.141	0.715	0.245	0.129	0.004
	2	0.153	0.151	0.523	0.147	0.156	0.841	0.170	0.151	0.505	0.254	0.135	<0.001
	3	0.216	0.251	0.608	0.220	0.238	0.688	0.312	0.221	0.132	0.171	0.216	0.007
	4	0.784	0.480	0.121	0.766	0.577	0.358	1.018	0.576	0.136	0.956	0.522	0.062
	5	0.925	0.865	0.139	0.943	0.911	0.409	0.894	0.892	0.281	1.024	0.844	0.060
	6	0.924	0.828	0.142	0.664	1.005	0.633	0.582	0.905	0.677	0.982	0.858	0.100
	7	1.369	1.178	0.107	1.153	1.378	0.337	1.568	1.245	0.473	1.561	1.173	0.066
	8	2.467	1.806	0.012	2.000	2.205	0.292	3.065	2.010	0.166	1.476	2.013	0.389
	9	4.477	2.685	<0.001	3.678	3.444	0.718	4.547	3.352	0.077	2.336	3.470	0.797
	10	7.426	4.228	<0.001	6.575	5.233	0.469	2.733	6.086	0.967	5.329	6.299	0.681

Table 9 Attribute Descriptions by Item and Level

		<u>Physical Functioning</u>
Chores	1	Able to do chores such as vacuuming or yard work <b>without any</b> difficulty
	2	Able to do chores such as vacuuming or yard work with <b>a little</b> difficulty
	3	Able to do chores such as vacuuming or yard work with <b>some</b> difficulty
	4	Able to do chores such as vacuuming or yard work with <b>much</b> difficulty
	5	<b>Unable</b> to do chores such as vacuuming or yard work
Stairs	1	Able to go up and down stairs at a normal pace <b>without any</b> difficulty
	2	Able to go up and down stairs at a normal pace with <b>a little</b> difficulty
	3	Able to go up and down stairs at a normal pace with <b>some</b> difficulty
	4	Able to go up and down stairs at a normal pace with <b>much</b> difficulty
	5	<b>Unable</b> to go up and down stairs at a normal pace
Walk	1	Able to go for a walk of at least 15 minutes <b>without any</b> difficulty
	2	Able to go for a walk of at least 15 minutes with <b>a little</b> difficulty
	3	Able to go for a walk of at least 15 minutes with <b>some</b> difficulty
	4	Able to go for a walk of at least 15 minutes with <b>much</b> difficulty
	5	<b>Unable</b> to go for a walk of 15 minutes
Errands	1	Able to run errands and shop <b>without any</b> difficulty
	2	Able to run errands and shop with <b>a little</b> difficulty
	3	Able to run errands and shop with <b>some</b> difficulty
	4	Able to run errands and shop with <b>much</b> difficulty
	5	<b>Unable</b> to run errands and shop

		<u>Anxiety</u>
Fearful	1	<b>Not</b> feel fearful
	2	<b>Rarely</b> feel fearful
	3	<b>Sometimes</b> feel fearful
	4	<b>Often</b> feel fearful
	5	<b>Always</b> feel fearful
Focus	1	<b>Not</b> find it hard to focus on anything other than your anxiety
	2	<b>Rarely</b> find it hard to focus on anything other than your anxiety
	3	<b>Sometimes</b> find it hard to focus on anything other than your anxiety
	4	<b>Often</b> find it hard to focus on anything other than your anxiety
	5	<b>Always</b> find it hard to focus on anything other than your anxiety

Worries 1 **Not** have worries that overwhelm you  
2 **Rarely** have worries that overwhelm you  
3 **Sometimes** have worries that overwhelm you  
4 **Often** have worries that overwhelm you  
5 **Always** have worries that overwhelm you

Uneasy 1 **Not** feel uneasy  
2 **Rarely** feel uneasy  
3 **Sometimes** feel uneasy  
4 **Often** feel uneasy  
5 **Always** feel uneasy

#### Depression

Worthless 1 **Not** feel worthless  
2 **Rarely** feel worthless  
3 **Sometimes** feel worthless  
4 **Often** feel worthless  
5 **Always** feel worthless

Helpless 1 **Not** feel helpless  
2 **Rarely** feel helpless  
3 **Sometimes** feel helpless  
4 **Often** feel helpless  
5 **Always** feel helpless

Depressed 1 **Not** feel depressed  
2 **Rarely** feel depressed  
3 **Sometimes** feel depressed  
4 **Often** feel depressed  
5 **Always** feel depressed

Hopeless 1 **Not** feel hopeless  
2 **Rarely** feel hopeless  
3 **Sometimes** feel hopeless  
4 **Often** feel hopeless  
5 **Always** feel hopeless

#### Fatigue

Fatigued 1 **Not** feel fatigued  
2 Feel **a little bit** fatigued  
3 Feel **somewhat** fatigued  
4 Feel **quite a bit** fatigued  
5 Feel **very much** fatigued

Starting 1 **No** trouble starting things because you  
are tired  
2 **A little bit** of trouble starting things because you  
are tired  
3 **Somewhat** trouble starting things because you  
are tired  
4 **Quite a bit** of trouble starting things because you  
are tired  
5 **Very much** trouble starting things because you  
are tired

Run-Down 1 **Not** feel run-down on average  
2 Feel **a little bit** run-down on average  
3 Feel **somewhat** run-down on average  
4 Feel **quite a bit** run-down on average  
5 Feel **very much** run-down on average

- Fatigue Ave
- 1 **Not** feel fatigued on average
  - 2 Feel **a little bit** fatigued on average
  - 3 Feel **somewhat** fatigued on average
  - 4 Feel **quite a bit** fatigued on average
  - 5 Feel **very much** fatigued on average

Sleep

- Quality
- 1 **Very good** sleep quality
  - 2 **Good** sleep quality
  - 3 **Fair** sleep quality
  - 4 **Poor** sleep quality
  - 5 **Very poor** sleep quality
- Refreshing
- 1 Sleep that is **very much** refreshing
  - 2 Sleep that is **quite a bit** refreshing
  - 3 Sleep that is **somewhat** refreshing
  - 4 Sleep that is **a little bit** refreshing
  - 5 Sleep that is **not** refreshing
- Problem
- 1 **No** problem with your sleep
  - 2 **A little bit of** a problem with your sleep
  - 3 **Somewhat** of a problem with your sleep
  - 4 **Quite a bit** of a problem with your sleep
  - 5 **Very much** of a problem with your sleep
- Difficulty
- 1 **No** difficulty falling asleep
  - 2 **A little bit** of difficulty falling asleep
  - 3 **Somewhat** difficulty falling asleep
  - 4 **Quite a bit** of difficulty falling asleep
  - 5 **Very much** difficulty falling asleep

Social Functioning

- Amount
- 1 **Very much** satisfied with how much work you can do (including work at home)
  - 2 **Quite a bit** satisfied with how much work you can do (including work at home)
  - 3 **Somewhat** satisfied with how much work you can do (including work at home)
  - 4 **A little bit** satisfied with how much work you can do (including work at home)
  - 5 **Not** satisfied with how much work you can do (including work at home)
- Work
- 1 **Very much** satisfied with your ability to work (including work at home)
  - 2 **Quite a bit** satisfied with your ability to work (including work at home)
  - 3 **Somewhat** satisfied with your ability to work (including work at home)
  - 4 **A little bit** satisfied with your ability to work (including work at home)
  - 5 **Not** satisfied with your ability to work (including work at home)
- Personal
- 1 **Very much** satisfied with your ability to do regular personal and household responsibilities
  - 2 **Quite a bit** satisfied with your ability to do regular personal and household responsibilities
  - 3 **Somewhat** satisfied with your ability to do regular personal and household responsibilities



- 4 **A little bit** satisfied with your ability to do regular personal and household responsibilities
- 5 **Not** satisfied with your ability to do regular personal and household responsibilities
- Routine 1 **Very much** satisfied with your ability to perform your daily routine
- 2 **Quite a bit** satisfied with your ability to perform your daily routine
- 3 **Somewhat** satisfied with your ability to perform your daily routine
- 4 **A little bit** satisfied with your ability to perform your daily routine
- 5 **Not** satisfied with your ability to perform your daily routine

Pain Interference

- Day to day 1 Pain **does not** interfere with your day to day activities
- 2 Pain interferes **a little bit** with your day to day activities
- 3 Pain interferes **somewhat** with your day to day activities
- 4 Pain interferes **quite a bit** with your day to day activities
- 5 Pain interferes **very much** with your day to day activities
- Home 1 Pain **does not** interfere with work around the home
- 2 Pain interferes **a little bit** with work around the home
- 3 Pain interferes **somewhat** with work around the home
- 4 Pain interferes **quite a bit** with work around the home
- 5 Pain interferes **very much** with work around the home
- Social Activities 1 Pain **does not** interfere with your ability to participate in social activities
- 2 Pain interferes **a little bit** with your ability to participate in social activities
- 3 Pain interferes **somewhat** with your ability to participate in social activities
- 4 Pain interferes **quite a bit** with your ability to participate in social activities
- 5 Pain interferes **very much** with your ability to participate in social activities
- Enjoyment 1 Pain **does not** interfere with your enjoyment of life
- 2 Pain interferes **a little bit** with your enjoyment of life
- 3 Pain interferes **somewhat** with your enjoyment of life
- 4 Pain interferes **quite a bit** with your enjoyment of life
- 5 Pain interferes **very much** with your enjoyment of life

Pain Intensity

- Pain Levels
- 1 Pain of **0** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 2 Pain of **1** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 3 Pain of **2** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 4 Pain of **3** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 5 Pain of **4** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 6 Pain of **5** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 7 Pain of **6** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 8 Pain of **7** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 9 Pain of **8** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 10 Pain of **9** on a scale from 0 (no pain) to 10 (worst imaginable pain)
  - 11 Pain of **10** on a scale from 0 (no pain) to 10 (worst imaginable pain)