

Supplemental Material S5. VFS-Peds item parameter estimates.

VFS-C Item Parameter Discrimination and Threshold Estimates (EST) and Standard Errors (SE)

Items	Discrimination		Threshold 1		Threshold 2		Threshold 3		Threshold 4	
	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
1	1.137	0.160	-2.267	0.243	-1.121	0.183	0.660	0.171	1.564	0.203
2	1.489	0.206	-3.800	0.396	-2.472	0.274	-0.517	0.187	0.962	0.200
3	2.711	0.339	-3.580	0.413	-1.718	0.289	1.089	0.284	2.827	0.375
4	2.974	0.375	-3.328	0.422	-1.096	0.303	1.707	0.314	3.646	0.435
5	1.832	0.233	-1.788	0.253	-0.260	0.207	1.802	0.243	2.968	0.322
6	1.632	0.226	-1.950	0.241	-0.435	0.196	1.118	0.208	2.745	0.298
7	1.612	0.215	-2.080	0.241	-0.621	0.195	0.947	0.204	2.333	0.268
8	1.494	0.204	-1.516	0.218	0.065	0.183	1.618	0.221	3.384	0.337
9	2.426	0.282	-1.730	0.279	0.746	0.249	3.055	0.338	4.721	0.492
10	2.163	0.279	-2.581	0.333	-0.356	0.226	1.760	0.269	3.913	0.420

Note. Values are based on the unidimensional graded response model using 10 items.

VFS-T Item Parameter Discrimination and Threshold Estimates (EST) and Standard Errors (SE)

Items	Discrimination		Threshold 1		Threshold 2		Threshold 3		Threshold 4	
	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
1	3.067	0.285	-5.981	0.484	-2.717	0.256	0.414	0.199	3.793	0.323
2	3.882	0.364	-6.232	0.523	-2.527	0.291	0.617	0.238	4.594	0.404
3	3.231	0.282	-4.768	0.371	-1.366	0.219	1.162	0.213	4.246	0.349
4	2.489	0.203	-4.440	0.317	-2.206	0.205	0.267	0.169	2.635	0.228
5	2.711	0.242	-5.365	0.420	-3.002	0.262	-0.243	0.180	2.840	0.251
6	3.637	0.324	-5.824	0.470	-2.308	0.273	0.565	0.226	4.125	0.354
7	1.696	0.151	-2.869	0.212	-0.878	0.143	0.714	0.137	2.601	0.188
8	2.586	0.210	-3.789	0.288	-1.275	0.185	1.252	0.187	3.660	0.268

Note. Values are based on the unidimensional graded response model using 8 items.

VFS-P Subscale Item Parameter Discrimination and Threshold Estimates (EST) and Standard Errors (SE)

Items	Discrimination		Threshold 1		Threshold 2		Threshold 3		Threshold 4	
	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
Mental Fatigue										
1	1.742	0.134	-2.613	0.187	-0.714	0.134	1.182	0.138	3.099	0.204
2	2.446	0.187	-2.196	0.197	-0.245	0.158	1.799	0.180	3.678	0.246
3	3.857	0.304	-3.645	0.322	-0.309	0.223	2.758	0.276	5.963	0.415
4	2.705	0.202	-2.962	0.223	-0.797	0.173	1.674	0.191	3.690	0.270
5	4.033	0.320	-4.412	0.352	-1.328	0.240	1.581	0.253	4.709	0.391
6	3.741	0.322	-3.189	0.311	-0.056	0.217	2.454	0.267	5.104	0.418
7	2.845	0.220	-2.558	0.224	-0.103	0.175	2.221	0.214	4.595	0.309
Physical Fatigue										
8	2.133	0.179	-4.320	0.284	-2.641	0.194	-0.819	0.150	1.530	0.169
9	1.979	0.162	-1.665	0.160	0.278	0.141	2.091	0.167	3.923	0.239
10	3.833	0.382	-5.751	0.530	-2.773	0.319	0.864	0.230	4.101	0.387
11	2.774	0.227	-4.912	0.340	-2.850	0.232	-0.526	0.176	2.373	0.221
12	3.191	0.300	-4.354	0.377	-2.071	0.242	0.589	0.196	3.264	0.303

Note. Values are based on the unidimensional graded response model using 12 items (7 items in the Mental domain (items 1-7) and 5 items in the Physical domain (items 8-12)).