

Supplementary Table S1.Overall Rasch model fit statistics and reliability of PDQ-39 scales ^a

Overall fit statistics ^b	PDQ-39 scales							
	MOB	ADL	EMO	STI	SOC	COG	COM	BOD
<i>Items</i>								
Fit residual (mean) ^c	0.031	0.037	0.372	0.428	0.245	0.703	-0.148	0.310
Fit residual (SD) ^d	1.481	1.842	1.329	1.152	1.442	1.144	2.301	0.897
<i>Persons</i>								
Fit residual (mean) ^c	-0.350	-0.290	-0.379	-0.406	-0.555	-0.290	-0.591	-0.288
Fit residual (SD) ^d	1.266	1.006	1.098	1.230	1.281	1.088	1.336	0.849
<i>Total item-trait interaction</i>								
Total item chi-square	41.046	39.275	10.081	13.021	17.199	14.054	16.729	10.779
df	20	12	12	8	6	8	6	6
P-value	0.004	<0.001	0.609	0.111	0.008	0.080	0.010	0.095
Person separation index ^e	0.96	0.90	0.90	0.85	0.72	0.71	0.88	0.71

^a As analysed using RUMM2020 (Rumm Laboratory Pty Ltd., Perth) for Windows.^b Data are rounded to two decimals.^c Should be close to 0 (Andrich *et al.*, 2004-2005).^d Should be close to 1 (Andrich *et al.*, 2004-2005).^e Rasch based reliability statistic (analogous to Cronbach's alpha).

SD, standard deviation; df, degrees of freedom; MOB, mobility; ADL, activities of daily living; EMO, emotional well-being; STI, stigma; SOC, social support; COG, cognitions; COM, communication; BOD, bodily discomfort.

Reference

Andrich D, Sheridan B, Luo G. Interpreting RUMM2020. Perth, WA: RUMM Laboratory Pty Ltd; 2004–2005.