

Supplementary Table 1. Item fits, slope, threshold parameters of the MCQI-6 using the graded response model among patients with cancer

Items	Item fits				Slope parameter (α)	Threshold parameter (b)		
	S- χ^2	df	p	RMSEA		b_1	b_2	b_3
MCQ23	16.521	15	0.490	0.026	1.814	-1.232	-0.095	1.227
MCQ28	12.540	10	0.490	0.041	2.865	-1.278	-0.567	0.660
MCQ39	12.531	11	0.490	0.030	2.658	-1.532	-0.453	0.576
MCQ51	16.947	12	0.490	0.052	2.729	-1.155	0.448	0.643
MCQ58	11.298	12	0.490	0.000	2.137	-1.350	-0.423	0.748
MCQ60	13.524	13	0.490	0.016	2.577	-1.327	-0.684	0.490

p-values adjusted for FDR. MCQI-6, Metacognition Questionnaire-Insomnia-6 items; RMSEA, root-mean-square-error of approximation; FDR, false discovery rate