

**Supplementary Table 2.** Item statistics of the MCQI-6 and MCQI-14 using the Rasch model among patients with cancer

MCQI-6				MCQI-14			
Items	Infit MnSq	Outfit MnSq	Difficulty	Items	Infit MnSq	Outfit MnSq	Difficulty
Item 23	1.220	1.280	0.640	Item 12	1.160	1.140	0.110
Item 28	0.830	0.810	-0.120	Item 18	0.970	1.040	-0.370
Item 39	0.950	0.890	-0.220	Item 23	1.060	1.110	0.390
Item 51	0.910	0.890	-0.030	Item 28	0.860	0.840	-0.310
Item 58	1.110	1.080	0.070	Item 31	0.970	1.100	0.550
Item 60	0.940	0.950	-0.350	Item 33	1.390	1.310	-0.500
				Item 39	0.920	0.850	-0.400
				Item 42	1.080	1.010	0.490
				Item 47	0.910	1.050	0.260
				Item 50	1.130	1.130	0.650
				Item 51	0.760	0.770	-0.220
				Item 54	0.840	0.810	0.000
				Item 58	0.930	0.900	-0.140
				Item 60	0.880	0.830	-0.520

MCQI-6, Metacognition Questionnaire-Insomnia-6 items; MCQI-14, Metacognition Questionnaire-Insomnia-14 items; MnSq, mean-square instead of t-standardized fit statistics