

Appendix Table 54: Raw Score to T-Score Conversion Table (IRT Fixed Parameter Calibration Linking) for Neuro-QoL Sleep Disturbance 8-item Short Form and PROMIS Sleep-related Impairment (PROsetta Stone Wave 2 Study)

Neuro-QoL Sleep Disturbance T-Score	Neuro-QoL Sleep Disturbance Raw Score	PROMIS T-score	SE
32.0	8	31.0	5.9
36.3	9	35.5	5.3
39.1	10	38.6	5.0
41.7	11	41.1	4.8
43.8	12	43.3	4.6
45.6	13	45.3	4.5
47.3	14	47.1	4.3
48.9	15	48.7	4.2
50.4	16	50.3	4.2
51.8	17	51.8	4.1
53.1	18	53.2	4.0
54.4	19	54.6	4.0
55.6	20	55.9	3.9
56.8	21	57.2	3.9
58.0	22	58.5	3.9
59.2	23	59.8	3.8
60.4	24	61.0	3.8
61.6	25	62.2	3.8
62.8	26	63.4	3.8
63.9	27	64.7	3.8
65.1	28	65.9	3.8
66.4	29	67.1	3.8
67.6	30	68.4	3.8
68.9	31	69.7	3.8
70.3	32	71.0	3.8
71.7	33	72.3	3.9
73.2	34	73.8	3.9
74.7	35	75.2	3.9
76.4	36	76.8	4
78.2	37	78.4	4
80.2	38	80.2	4
82.2	39	82	3.9
84.2	40	83.8	3.6