

Appendix Table 51: Raw Score to T-Score Conversion Table (IRT Fixed Parameter Calibration Linking) for PSQI to PROMIS Sleep Disturbance (PROMIS Wave 1 Study)

PSQI Score	PROMIS T-score	SE
0	30.4	5.6
1	35.3	5.0
2	39.5	5.0
3	41.0	6.5
4	43.0	6.4
5	45.1	6.0
6	47.2	5.7
7	49.2	5.6
8	51.2	5.6
9	53.1	5.5
10	54.9	5.5
11	56.8	5.4
12	58.5	5.3
13	60.3	5.3
14	62.1	5.3
15	63.8	5.3
16	65.6	5.4
17	67.5	5.4
18	69.4	5.2
19	71.5	4.9
20	74.4	5.0
21	77.6	5.1