

Appendix Table 10: Raw Score to T-Score Conversion Table (IRT Fixed Parameter Calibration Linking) for SMFQ and PROMIS Pediatric Depressive Symptoms (NIH Toolbox CV Study)

SMFQ Actual Score*	SMFQ Raw Score*	PROMIS Peds Depression T-Score	SE
0	13	37.8	6.5
1	14	42.8	5.5
2	15	46.3	4.9
3	16	49.3	4.3
4	17	51.7	3.9
5	18	53.8	3.5
6	19	55.6	3.2
7	20	57.2	3.1
8	21	58.7	2.9
9	22	60.1	2.8
10	23	61.4	2.8
11	24	62.7	2.7
12	25	64.0	2.7
13	26	65.2	2.7
14	27	66.4	2.7
15	28	67.6	2.7
16	29	68.8	2.7
17	30	70.0	2.7
18	31	71.3	2.7
19	32	72.6	2.7
20	33	73.9	2.8
21	34	75.3	2.9
22	35	76.7	3.0
23	36	78.3	3.1
24	37	80.1	3.3
25	38	81.9	3.4
26	39	83.8	3.3

*The scores in the first column conform to the scoring rules of the SMFQ instrument. The scores in the second column correspond to the scores used in the full PROsetta Stone report.