

Appendix Table 72: Raw Score to T-Score Conversion Table (IRT Fixed Parameter Calibration Linking) for NIH Toolbox Positive Affect and Neuro-QoL Positive Affect & Well-being (PROsetta Stone Wave 2 Study) – RECOMMENDED

NIH Toolbox Positive Affect T-Score	NIH Toolbox Positive Affect Raw Score	Neuro-QoL Positive Affect & Well-being T-score	SE
14.1	20	25.0	4
15.3	21	28.4	2.8
16.7	22	30.1	2.4
18.0	23	31.4	2.1
19.3	24	32.4	1.9
20.4	25	33.2	1.7
21.4	26	34.0	1.6
22.4	27	34.6	1.5
23.2	28	35.2	1.5
24.0	29	35.8	1.4
24.8	30	36.3	1.4
25.5	31	36.8	1.4
26.2	32	37.2	1.4
26.9	33	37.7	1.3
27.5	34	38.1	1.3
28.1	35	38.6	1.3
28.7	36	39.0	1.3
29.3	37	39.4	1.3
29.8	38	39.8	1.3
30.4	39	40.2	1.3
30.9	40	40.6	1.3
31.4	41	41.0	1.3
32.0	42	41.4	1.3
32.5	43	41.8	1.3
33.0	44	42.1	1.3
33.5	45	42.5	1.3
34.0	46	42.9	1.3
34.5	47	43.3	1.3
35.0	48	43.7	1.3
35.5	49	44.0	1.3
36.0	50	44.4	1.3
36.5	51	44.8	1.3
37.0	52	45.2	1.3
37.5	53	45.6	1.3
37.9	54	45.9	1.3
38.4	55	46.3	1.3
38.9	56	46.7	1.3
39.4	57	47.1	1.3

NIH Toolbox Positive Affect T-Score	NIH Toolbox Positive Affect Raw Score	Neuro-QoL Positive Affect & Well-being T-score	SE
39.9	58	47.4	1.3
40.4	59	47.8	1.3
40.9	60	48.2	1.3
41.3	61	48.6	1.3
41.8	62	49.0	1.3
42.3	63	49.4	1.3
42.8	64	49.7	1.3
43.3	65	50.1	1.3
43.8	66	50.5	1.3
44.3	67	50.9	1.3
44.7	68	51.3	1.3
45.2	69	51.7	1.3
45.7	70	52.1	1.3
46.2	71	52.5	1.3
46.7	72	52.9	1.3
47.2	73	53.3	1.3
47.8	74	53.7	1.3
48.3	75	54.1	1.3
48.8	76	54.5	1.3
49.3	77	54.9	1.3
49.8	78	55.3	1.3
50.4	79	55.7	1.3
50.9	80	56.1	1.3
51.4	81	56.6	1.3
52.0	82	57.0	1.3
52.6	83	57.4	1.3
53.1	84	57.9	1.3
53.7	85	58.3	1.3
54.3	86	58.8	1.3
54.9	87	59.2	1.3
55.6	88	59.7	1.3
56.2	89	60.2	1.4
56.9	90	60.7	1.4
57.7	91	61.2	1.4
58.4	92	61.8	1.5
59.3	93	62.4	1.5
60.2	94	63.0	1.6
61.3	95	63.8	1.7
62.5	96	64.6	1.8
63.9	97	65.6	2.1
65.7	98	66.9	2.4
67.9	99	68.8	2.9

NIH Toolbox Positive Affect T-Score	NIH Toolbox Positive Affect Raw Score	Neuro-QoL Positive Affect & Well-being T-score	SE
71.4	100	72.5	4.2