

NIH Toolbox© Emotion Raw Score to T-Score
Conversion Tables

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Instructions for Using Raw Score to T-score Conversion Tables for NIH Toolbox[®] Emotion Instruments

Below are tables that permit users of NIH Toolbox Emotion fixed-form measures to convert raw summed scores into T-scores, which should be used in the reporting of results. Note that NIH Toolbox Emotion measures can be administered as a CAT or as a fixed form; the scores derived from either form are on the T-score metric, in which 50 represents the mean of the US general population (based on the 2010 Census), and 10 represents the general population standard deviation. We call this T-score “uncorrected” because it has not been corrected for any particular demographic category, such as gender. (Age- and gender-corrected norms for child and parent-report measures are available through the NIH Toolbox app on the iPad.)

If you are administering fixed forms on paper or outside of an electronic delivery system (e.g., the NIH Toolbox iPad app, Assessment Center, or the Healthmeasures API) that automatically provides normative scoring, you will need to convert the raw summed score to the uncorrected T-score with the tables below. First, find the table labeled with the name of the measure you wish to score. Then, follow these steps:

1. To obtain a summed score, add up the numbers assigned to each item’s response category, which are indicated on the PDF forms (obtained from <http://www.healthmeasures.net/search-view-measures>). For example:

		Not at all	A little bit	Somewhat	Quite a bit	Very much
Positive Affect (Ages 18+) – Fixed Form						
Please respond to each question or statement by marking one box per row.						
In the past 7 days:						
PA001	I felt cheerful	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
PA002	I felt attentive.....	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

Note that the lowest number that may be assigned to any single item is always 1. So, the lowest score a participant may obtain, for example, on an 8-item fixed form is therefore 8. The sum of these scores for any one instrument is the **Raw Summed Score**.

2. Using the appropriate table below, find the row that corresponds to the raw summed score you calculated in step 1. Then, find the equivalent **Uncorrected T-score** in the same row. Use this number for reporting of summary results (e.g., group means).

Missing Item Responses

If an item is not answered by a given participant, you may substitute the mean score of the answered items (e.g., 3.5) as a substitute for the missing item. To do this, take the sum of the scores for the items answered, and divide this by the number of items the participant completed. We caution, however, that this should only be done when relatively few items are missing (e.g., less than 20%), for relatively few participants (less than 10%), and if your study aims to report

group-level (not individual) scores. For additional scoring options when data are missing and for further consultation, please contact help@healthmeasures.net

NIH Toolbox Anger Bank Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
22	-2.15	0.51	26.7
23	-1.79	0.42	30.8
24	-1.54	0.38	33.6
25	-1.34	0.34	35.9
26	-1.18	0.31	37.8
27	-1.03	0.29	39.4
28	-0.91	0.27	40.8
29	-0.8	0.26	42.1
30	-0.7	0.25	43.2
31	-0.6	0.24	44.3
32	-0.51	0.23	45.3
33	-0.43	0.23	46.2
34	-0.35	0.22	47.1
35	-0.28	0.22	48
36	-0.21	0.21	48.8
37	-0.14	0.21	49.6
38	-0.07	0.21	50.3
39	-0.01	0.21	51.1
40	0.06	0.2	51.8
41	0.12	0.2	52.5
42	0.18	0.2	53.2
43	0.24	0.2	53.8
44	0.29	0.2	54.5
45	0.35	0.19	55.1
46	0.41	0.19	55.7
47	0.46	0.19	56.4
48	0.51	0.19	57
49	0.57	0.19	57.6
50	0.62	0.19	58.2
51	0.67	0.19	58.8
52	0.72	0.19	59.3
53	0.77	0.19	59.9
54	0.83	0.19	60.5
55	0.88	0.19	61.1
56	0.93	0.19	61.7
57	0.98	0.19	62.2
58	1.03	0.19	62.8
59	1.08	0.19	63.4
60	1.13	0.19	63.9
61	1.18	0.19	64.5
62	1.23	0.19	65.1
63	1.27	0.19	65.6
64	1.32	0.19	66.2
65	1.37	0.19	66.7

66	1.42	0.19	67.3
67	1.47	0.19	67.9
68	1.52	0.19	68.4
69	1.57	0.19	69
70	1.62	0.19	69.5
71	1.67	0.19	70.1
72	1.72	0.19	70.7
73	1.77	0.19	71.2
74	1.82	0.19	71.8
75	1.87	0.19	72.4
76	1.92	0.19	72.9
77	1.97	0.19	73.5
78	2.02	0.19	74.1
79	2.07	0.19	74.6
80	2.12	0.19	75.2
81	2.17	0.19	75.8
82	2.22	0.19	76.4
83	2.27	0.19	76.9
84	2.32	0.19	77.5
85	2.37	0.19	78.1
86	2.43	0.19	78.7
87	2.48	0.19	79.3
88	2.53	0.19	79.9
89	2.59	0.19	80.5
90	2.64	0.19	81.1
91	2.69	0.19	81.8
92	2.75	0.19	82.4
93	2.81	0.19	83
94	2.86	0.19	83.7
95	2.92	0.19	84.3
96	2.98	0.2	85
97	3.04	0.2	85.7
98	3.11	0.2	86.4
99	3.17	0.21	87.2
100	3.24	0.21	88
101	3.31	0.21	88.8
102	3.39	0.22	89.6
103	3.46	0.22	90.5
104	3.54	0.21	91.3
105	3.61	0.21	92.1
106	3.68	0.19	92.9
107	3.73	0.18	93.6
108	3.78	0.16	94.1
109	3.82	0.14	94.6
110	3.85	0.12	94.9

NIH Toolbox Anger - Affect Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-1.85	0.59	36
6	-1.36	0.52	40.3
7	-1.04	0.5	43
8	-0.75	0.48	45.5
9	-0.48	0.47	47.8
10	-0.24	0.47	49.8
11	-0.01	0.47	51.8
12	0.21	0.46	53.7
13	0.42	0.46	55.5
14	0.63	0.46	57.3
15	0.83	0.46	59
16	1.03	0.46	60.7
17	1.23	0.46	62.4
18	1.43	0.45	64.2
19	1.63	0.45	65.9
20	1.84	0.45	67.7
21	2.04	0.45	69.4
22	2.26	0.45	71.3
23	2.49	0.46	73.3
24	2.75	0.47	75.4
25	3.02	0.46	77.8

NIH Toolbox Anger Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-1.71	0.53	31.7
6	-1.19	0.4	37.6
7	-0.87	0.37	41.3
8	-0.6	0.35	44.3
9	-0.37	0.34	46.9
10	-0.16	0.33	49.4
11	0.05	0.33	51.8
12	0.26	0.32	54.1
13	0.47	0.32	56.5
14	0.67	0.32	58.8
15	0.88	0.32	61.1
16	1.08	0.32	63.4
17	1.29	0.32	65.8
18	1.5	0.32	68.2
19	1.72	0.32	70.7
20	1.94	0.33	73.2
21	2.17	0.33	75.8
22	2.41	0.33	78.5
23	2.68	0.33	81.5
24	2.96	0.34	84.8
25	3.28	0.34	88.4

NIH Toolbox Anger - Hostility Fixed Form Ages 18+ v2.0

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-1.34	0.6	36.3
6	-0.75	0.48	42.5
7	-0.43	0.45	46.1
8	-0.21	0.46	48.4
9	-0.04	0.47	50.2
10	0.12	0.47	52
11	0.26	0.47	53.4
12	0.39	0.46	54.8
13	0.51	0.46	56.2
14	0.63	0.45	57.4
15	0.74	0.45	58.7
16	0.85	0.45	59.8
17	0.96	0.44	60.9
18	1.06	0.44	62
19	1.16	0.44	63.1
20	1.25	0.44	64.1
21	1.35	0.44	65.2
22	1.44	0.44	66.2
23	1.54	0.44	67.2
24	1.63	0.44	68.2
25	1.73	0.44	69.2
26	1.82	0.43	70.2
27	1.92	0.43	71.3
28	2.04	0.45	72.6
29	2.11	0.42	73.4
30	2.27	0.46	75
31	2.28	0.36	75.1
32	2.5	0.44	77.6
33	2.66	0.45	79.3
34	2.79	0.45	80.6
35	3.02	0.45	83.1

**NIH Toolbox Parent Report Anger Bank/Fixed Form Ages 8-12
v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-1.43	0.59	35
11	-0.92	0.47	40.4
12	-0.55	0.4	44.1
13	-0.28	0.35	47
14	-0.05	0.32	49.4
15	0.16	0.3	51.5
16	0.35	0.29	53.4
17	0.52	0.28	55.3
18	0.7	0.28	57
19	0.86	0.28	58.7
20	1.01	0.28	60.2
21	1.15	0.28	61.7
22	1.29	0.28	63.2
23	1.43	0.27	64.6
24	1.57	0.26	66
25	1.69	0.26	67.3
26	1.81	0.25	68.6
27	1.93	0.25	69.7
28	2.04	0.24	70.9
29	2.15	0.24	72
30	2.26	0.24	73.1
31	2.37	0.25	74.3
32	2.48	0.25	75.5
33	2.6	0.25	76.7
34	2.72	0.26	78
35	2.85	0.27	79.3
36	2.99	0.28	80.7
37	3.14	0.29	82.2
38	3.29	0.29	83.9
39	3.45	0.28	85.5
40	3.6	0.25	87.1

NIH Toolbox Parent Report Anger Fixed Form Ages 3-7 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
9	-1.21	0.65	36.4
10	-0.64	0.54	42.6
11	-0.23	0.48	47.1
12	0.11	0.45	50.8
13	0.41	0.43	54.1
14	0.69	0.42	57.1
15	0.95	0.42	59.9
16	1.21	0.42	62.7
17	1.46	0.42	65.4
18	1.7	0.42	68
19	1.94	0.41	70.6
20	2.17	0.41	73.2
21	2.41	0.41	75.7
22	2.64	0.41	78.2
23	2.87	0.4	80.7
24	3.09	0.39	83.1
25	3.3	0.37	85.3
26	3.47	0.33	87.2
27	3.59	0.29	88.6

**NIH Toolbox Anger - Physical Aggression Fixed Form Ages 18+
v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-0.66	0.73	42.1
6	0.08	0.54	50.5
7	0.35	0.51	53.4
8	0.44	0.53	54.5
9	0.6	0.52	56.2
10	0.77	0.48	58.2
11	0.83	0.52	58.9
12	1.03	0.42	61.1
13	1.15	0.4	62.4
14	1.25	0.39	63.6
15	1.35	0.38	64.7
16	1.44	0.37	65.8
17	1.53	0.36	66.8
18	1.62	0.35	67.8
19	1.7	0.34	68.7
20	1.79	0.34	69.6
21	1.87	0.34	70.5
22	1.95	0.33	71.4
23	2.03	0.33	72.3
24	2.11	0.33	73.2
25	2.19	0.33	74.2
26	2.27	0.33	75.1
27	2.36	0.33	76
28	2.44	0.34	77
29	2.54	0.34	78
30	2.63	0.35	79.1
31	2.72	0.34	80.1
32	2.84	0.35	81.4
33	2.95	0.36	82.7
34	3.07	0.35	84.1
35	3.3	0.36	86.6

NIH Toolbox Apathy Fixed Form Ages 18+ v2.0			
Raw Sum Score	Scale	Standard Error	Theta
7	37	5.9	-1.3
8	42.4	4.5	-0.76
9	45.7	3.9	-0.43
10	48.2	3.6	-0.18
11	50.3	3.4	0.03
12	52.3	3.3	0.23
13	54.1	3.2	0.41
14	55.8	3.2	0.58
15	57.4	3.2	0.74
16	59	3.2	0.9
17	60.6	3.2	1.06
18	62.1	3.2	1.21
19	63.7	3.2	1.37
20	65.2	3.2	1.52
21	66.7	3.2	1.67
22	68.3	3.2	1.83
23	69.9	3.3	1.99
24	71.7	3.3	2.17
25	73.5	3.5	2.35
26	75.5	3.6	2.55
27	77.8	3.8	2.78
28	80.5	4	3.05

NIH Toolbox Emotional Support Bank/Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T- Score
7	-3.01	0.36	19.5
8	-2.72	0.3	22.5
9	-2.56	0.28	24.1
10	-2.41	0.26	25.7
11	-2.28	0.24	26.9
12	-2.16	0.23	28.2
13	-2.05	0.23	29.3
14	-1.94	0.23	30.5
15	-1.82	0.23	31.6
16	-1.7	0.24	32.8
17	-1.58	0.24	34
18	-1.46	0.24	35.3
19	-1.33	0.24	36.6
20	-1.2	0.23	38
21	-1.06	0.23	39.4
22	-0.91	0.23	40.8
23	-0.77	0.23	42.3
24	-0.62	0.23	43.8
25	-0.48	0.23	45.2
26	-0.33	0.23	46.7
27	-0.18	0.23	48.2
28	-0.03	0.23	49.8
29	0.14	0.24	51.5
30	0.32	0.26	53.4
31	0.53	0.29	55.5
32	0.82	0.36	58.5
33	1.38	0.55	64.2

NIH Toolbox Emotional Support Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-3.01	0.36	19.5
8	-2.72	0.3	22.5
9	-2.56	0.28	24.1
10	-2.41	0.26	25.7
11	-2.28	0.24	26.9
12	-2.16	0.23	28.2
13	-2.05	0.23	29.3
14	-1.94	0.23	30.5
15	-1.82	0.23	31.6
16	-1.7	0.24	32.8
17	-1.58	0.24	34
18	-1.46	0.24	35.3
19	-1.33	0.24	36.6
20	-1.2	0.23	38
21	-1.06	0.23	39.4
22	-0.91	0.23	40.8
23	-0.77	0.23	42.3
24	-0.62	0.23	43.8
25	-0.48	0.23	45.2
26	-0.33	0.23	46.7
27	-0.18	0.23	48.2
28	-0.03	0.23	49.8
29	0.14	0.24	51.5
30	0.32	0.26	53.4
31	0.53	0.29	55.5
32	0.82	0.36	58.5
33	1.38	0.55	64.2

NIH Toolbox Emotional Support Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-3.41	0.27	13.4
9	-3.17	0.25	15.9
10	-2.99	0.22	17.8
11	-2.84	0.21	19.3
12	-2.72	0.2	20.7
13	-2.6	0.19	21.9
14	-2.49	0.19	23.1
15	-2.38	0.19	24.2
16	-2.28	0.19	25.3
17	-2.18	0.19	26.3
18	-2.08	0.19	27.4
19	-1.98	0.19	28.5
20	-1.87	0.19	29.6
21	-1.76	0.2	30.7
22	-1.65	0.2	31.9
23	-1.53	0.2	33.1
24	-1.42	0.2	34.4
25	-1.3	0.2	35.6
26	-1.19	0.2	36.8
27	-1.07	0.19	38
28	-0.96	0.19	39.2
29	-0.85	0.19	40.4
30	-0.73	0.19	41.6
31	-0.62	0.2	42.7
32	-0.5	0.2	44
33	-0.39	0.2	45.2
34	-0.26	0.2	46.5
35	-0.14	0.2	47.8
36	0	0.21	49.3
37	0.16	0.23	51
38	0.36	0.27	53.1
39	0.65	0.34	56.1
40	1.25	0.56	62.4

NIH Toolbox Parent Report Empathic Behaviors Bank/Fixed Form Ages 3-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.62	0.26	13.8
11	-3.52	0.29	14.8
12	-3.4	0.31	16
13	-3.27	0.32	17.3
14	-3.14	0.33	18.7
15	-3	0.32	20.1
16	-2.86	0.31	21.5
17	-2.73	0.31	22.8
18	-2.61	0.3	24.1
19	-2.48	0.3	25.4
20	-2.36	0.3	26.6
21	-2.25	0.29	27.8
22	-2.13	0.3	29
23	-2.01	0.3	30.2
24	-1.89	0.3	31.4
25	-1.77	0.3	32.6
26	-1.65	0.31	33.9
27	-1.53	0.31	35.1
28	-1.4	0.31	36.4
29	-1.28	0.31	37.7
30	-1.15	0.31	38.9
31	-1.03	0.31	40.2
32	-0.9	0.31	41.5
33	-0.77	0.31	42.8
34	-0.64	0.31	44.1
35	-0.51	0.31	45.5
36	-0.38	0.3	46.8
37	-0.25	0.3	48.1
38	-0.12	0.3	49.4
39	0.01	0.3	50.8
40	0.14	0.3	52.1
41	0.28	0.31	53.5
42	0.42	0.31	55
43	0.56	0.31	56.4
44	0.72	0.32	58
45	0.88	0.33	59.7
46	1.06	0.35	61.5
47	1.26	0.37	63.5
48	1.49	0.41	65.9
49	1.76	0.45	68.7
50	2.14	0.53	72.5

NIH Toolbox Parent Report Fear - Over Anxious Fixed Form Ages 3-7 v2.0

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
6	-1.1	0.7	37.6
7	-0.52	0.61	44.2
8	-0.06	0.57	49.4
9	0.34	0.54	53.8
10	0.7	0.53	57.9
11	1.04	0.52	61.8
12	1.36	0.52	65.4
13	1.68	0.52	69
14	2	0.53	72.6
15	2.34	0.53	76.5
16	2.69	0.51	80.4
17	3.03	0.48	84.3
18	3.35	0.41	87.9

NIH Toolbox Fear - Affect Bank Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
29	-1.84	0.51	25.1
30	-1.44	0.4	30
31	-1.23	0.36	32.6
32	-1.06	0.32	34.7
33	-0.93	0.29	36.4
34	-0.81	0.26	37.9
35	-0.71	0.24	39.1
36	-0.62	0.22	40.2
37	-0.54	0.21	41.2
38	-0.47	0.2	42.1
39	-0.4	0.19	43
40	-0.34	0.19	43.8
41	-0.28	0.18	44.5
42	-0.23	0.18	45.2
43	-0.17	0.17	45.8
44	-0.12	0.17	46.5
45	-0.07	0.17	47.1
46	-0.03	0.16	47.6
47	0.02	0.16	48.2
48	0.06	0.16	48.8
49	0.1	0.16	49.3
50	0.14	0.15	49.8
51	0.18	0.15	50.3
52	0.22	0.15	50.8
53	0.26	0.15	51.3
54	0.3	0.15	51.7
55	0.34	0.15	52.2
56	0.37	0.15	52.7
57	0.41	0.14	53.1
58	0.44	0.14	53.6
59	0.48	0.14	54
60	0.51	0.14	54.4
61	0.55	0.14	54.8
62	0.58	0.14	55.3
63	0.61	0.14	55.7
64	0.65	0.14	56.1
65	0.68	0.14	56.5
66	0.71	0.14	56.9
67	0.75	0.14	57.3
68	0.78	0.14	57.7
69	0.81	0.14	58.1
70	0.84	0.14	58.6
71	0.88	0.14	59
72	0.91	0.14	59.4

73	0.94	0.14	59.8
74	0.97	0.14	60.2
75	1.01	0.14	60.6
76	1.04	0.14	61
77	1.07	0.14	61.4
78	1.1	0.14	61.8
79	1.13	0.14	62.2
80	1.17	0.14	62.6
81	1.2	0.14	63
82	1.23	0.14	63.4
83	1.26	0.14	63.8
84	1.29	0.14	64.2
85	1.33	0.14	64.6
86	1.36	0.14	65
87	1.39	0.14	65.4
88	1.42	0.14	65.8
89	1.46	0.14	66.2
90	1.49	0.14	66.6
91	1.52	0.14	67
92	1.55	0.14	67.4
93	1.58	0.14	67.8
94	1.62	0.14	68.2
95	1.65	0.14	68.6
96	1.68	0.14	69
97	1.71	0.14	69.4
98	1.75	0.14	69.8
99	1.78	0.14	70.2
100	1.81	0.14	70.7
101	1.85	0.14	71.1
102	1.88	0.14	71.5
103	1.91	0.14	71.9
104	1.94	0.14	72.3
105	1.98	0.14	72.7
106	2.01	0.14	73.1
107	2.04	0.14	73.5
108	2.08	0.14	74
109	2.11	0.14	74.4
110	2.14	0.14	74.8
111	2.18	0.14	75.2
112	2.21	0.14	75.6
113	2.24	0.14	76.1
114	2.28	0.14	76.5
115	2.31	0.14	76.9
116	2.35	0.14	77.4
117	2.38	0.14	77.8
118	2.42	0.14	78.2
119	2.45	0.14	78.7

120	2.49	0.14	79.1
121	2.53	0.14	79.6
122	2.56	0.14	80.1
123	2.6	0.15	80.5
124	2.64	0.15	81
125	2.68	0.15	81.5
126	2.72	0.15	82
127	2.76	0.15	82.5
128	2.8	0.15	83.1
129	2.85	0.16	83.6
130	2.89	0.16	84.2
131	2.94	0.16	84.8
132	2.99	0.17	85.4
133	3.04	0.17	86
134	3.1	0.18	86.7
135	3.15	0.19	87.4
136	3.22	0.19	88.2
137	3.28	0.2	89
138	3.35	0.21	89.9
139	3.43	0.21	90.8
140	3.5	0.21	91.8
141	3.58	0.21	92.8
142	3.65	0.2	93.7
143	3.72	0.18	94.5
144	3.77	0.17	95.1
145	3.81	0.15	95.6

NIH Toolbox Fear Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-1.67	0.58	36.1
8	-1.22	0.49	40.5
9	-0.96	0.47	43
10	-0.72	0.44	45.3
11	-0.52	0.43	47.2
12	-0.34	0.41	49
13	-0.17	0.4	50.6
14	-0.02	0.39	52.1
15	0.13	0.39	53.6
16	0.28	0.39	55
17	0.42	0.39	56.3
18	0.56	0.38	57.7
19	0.69	0.38	59
20	0.83	0.38	60.3
21	0.96	0.38	61.5
22	1.09	0.38	62.8
23	1.22	0.38	64.1
24	1.36	0.38	65.4
25	1.49	0.38	66.7
26	1.63	0.38	68
27	1.77	0.38	69.3
28	1.91	0.38	70.7
29	2.05	0.38	72.1
30	2.2	0.39	73.6
31	2.36	0.39	75.1
32	2.53	0.4	76.8
33	2.72	0.41	78.6
34	2.92	0.41	80.5
35	3.18	0.41	83

NIH Toolbox Fear - Affect Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-1.37	0.54	30.9
8	-0.79	0.34	38.1
9	-0.53	0.29	41.4
10	-0.33	0.26	43.9
11	-0.16	0.24	46
12	-0.01	0.23	47.9
13	0.13	0.23	49.6
14	0.26	0.22	51.2
15	0.38	0.22	52.8
16	0.51	0.22	54.4
17	0.63	0.22	55.9
18	0.76	0.22	57.4
19	0.88	0.22	59
20	1	0.22	60.5
21	1.13	0.22	62.1
22	1.26	0.22	63.7
23	1.38	0.22	65.3
24	1.51	0.22	66.9
25	1.64	0.22	68.5
26	1.77	0.22	70.1
27	1.89	0.22	71.7
28	2.02	0.22	73.3
29	2.15	0.22	74.9
30	2.29	0.22	76.6
31	2.43	0.22	78.3
32	2.58	0.23	80.2
33	2.74	0.24	82.3
34	2.94	0.27	84.8
35	3.24	0.31	88.5

**NIH Toolbox Parent Report Fear Bank/ Fixed Form Ages 8-12
v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-1.4	0.61	35.8
11	-0.88	0.5	41.2
12	-0.51	0.43	45
13	-0.22	0.39	48
14	0.03	0.37	50.6
15	0.25	0.35	53
16	0.46	0.35	55.1
17	0.66	0.34	57.2
18	0.84	0.34	59.2
19	1.03	0.34	61.1
20	1.21	0.34	63
21	1.39	0.33	64.9
22	1.58	0.33	66.8
23	1.76	0.33	68.7
24	1.94	0.33	70.6
25	2.12	0.33	72.5
26	2.31	0.34	74.5
27	2.52	0.35	76.6
28	2.74	0.37	78.9
29	2.98	0.38	81.5
30	3.24	0.37	84.2

**NIH Toolbox Parent Report Fear - Separation Anxiety
Fixed Form Ages 3-7 v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-0.75	0.74	40.5
8	-0.01	0.64	49.3
9	0.5	0.58	55.4
10	0.91	0.55	60.3
11	1.27	0.53	64.6
12	1.6	0.52	68.6
13	1.91	0.5	72.3
14	2.2	0.49	75.7
15	2.48	0.49	79.1
16	2.74	0.48	82.2
17	2.99	0.46	85.2
18	3.22	0.43	87.9
19	3.41	0.38	90.2
20	3.55	0.32	91.9
21	3.66	0.27	93.2

NIH Toolbox Fear - Somatic Arousal Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
6	-0.99	0.72	37.9
7	-0.44	0.64	44.4
8	-0.05	0.6	49
9	0.26	0.59	52.5
10	0.52	0.58	55.7
11	0.77	0.55	58.6
12	0.99	0.54	61.2
13	1.2	0.53	63.6
14	1.39	0.52	65.9
15	1.58	0.51	68.1
16	1.76	0.51	70.3
17	1.94	0.51	72.3
18	2.11	0.5	74.4
19	2.29	0.5	76.4
20	2.46	0.5	78.4
21	2.63	0.49	80.4
22	2.79	0.49	82.4
23	2.96	0.47	84.3
24	3.12	0.46	86.2
25	3.26	0.43	87.9
26	3.39	0.4	89.4
27	3.5	0.36	90.7
28	3.59	0.32	91.7
29	3.66	0.29	92.6
30	3.71	0.25	93.2

NIH Toolbox Friendship Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-3.34	0.35	15.7
6	-3.1	0.36	18.1
7	-2.9	0.36	20.2
8	-2.71	0.36	22.1
9	-2.52	0.35	24
10	-2.35	0.35	25.8
11	-2.18	0.35	27.6
12	-2.01	0.35	29.3
13	-1.83	0.35	31.1
14	-1.66	0.35	32.9
15	-1.48	0.35	34.8
16	-1.29	0.35	36.7
17	-1.1	0.35	38.7
18	-0.89	0.35	40.8
19	-0.67	0.35	43.1
20	-0.44	0.35	45.4
21	-0.2	0.36	47.9
22	0.07	0.38	50.6
23	0.39	0.4	53.9
24	0.77	0.46	57.8
25	1.33	0.59	63.7

NIH Toolbox Friendship Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-3.2	0.35	16.5
9	-2.92	0.32	19.5
10	-2.71	0.29	21.7
11	-2.53	0.27	23.5
12	-2.38	0.26	25.1
13	-2.24	0.25	26.6
14	-2.11	0.25	27.9
15	-1.99	0.24	29.2
16	-1.87	0.24	30.5
17	-1.75	0.24	31.7
18	-1.64	0.24	32.9
19	-1.52	0.24	34
20	-1.41	0.24	35.2
21	-1.29	0.24	36.4
22	-1.18	0.24	37.6
23	-1.07	0.24	38.8
24	-0.95	0.24	40
25	-0.84	0.24	41.2
26	-0.72	0.24	42.4
27	-0.6	0.24	43.6
28	-0.48	0.24	44.9
29	-0.36	0.24	46.1
30	-0.24	0.24	47.4
31	-0.12	0.24	48.6
32	0	0.24	49.9
33	0.12	0.25	51.2
34	0.25	0.25	52.6
35	0.39	0.25	54
36	0.54	0.26	55.5
37	0.71	0.28	57.2
38	0.9	0.31	59.3
39	1.16	0.36	62
40	1.65	0.52	67.1

**NIH Toolbox General Life Satisfaction Bank/Fixed Form Ages
13-17 v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T- Score
10	-3.46	0.31	11.9
11	-3.27	0.33	14
12	-3.08	0.33	16
13	-2.91	0.32	17.9
14	-2.76	0.32	19.6
15	-2.63	0.31	21.1
16	-2.5	0.3	22.5
17	-2.39	0.3	23.7
18	-2.28	0.29	25
19	-2.18	0.29	26.1
20	-2.08	0.29	27.2
21	-1.98	0.28	28.3
22	-1.89	0.28	29.3
23	-1.8	0.28	30.3
24	-1.71	0.28	31.3
25	-1.62	0.28	32.3
26	-1.54	0.28	33.2
27	-1.45	0.28	34.2
28	-1.37	0.28	35.1
29	-1.29	0.28	36
30	-1.2	0.28	36.9
31	-1.12	0.28	37.8
32	-1.04	0.28	38.7
33	-0.96	0.29	39.6
34	-0.88	0.29	40.5
35	-0.8	0.29	41.4
36	-0.71	0.29	42.4
37	-0.63	0.29	43.3
38	-0.54	0.3	44.3
39	-0.46	0.3	45.2
40	-0.37	0.3	46.2
41	-0.28	0.3	47.2
42	-0.19	0.31	48.2
43	-0.1	0.31	49.2
44	0	0.31	50.3
45	0.1	0.31	51.3
46	0.19	0.32	52.4
47	0.29	0.32	53.6
48	0.4	0.32	54.7
49	0.51	0.32	55.9
50	0.62	0.32	57.2
51	0.74	0.32	58.5

52	0.86	0.32	59.8
53	0.99	0.33	61.3
54	1.12	0.33	62.8
55	1.27	0.34	64.4
56	1.43	0.34	66.1
57	1.6	0.35	68.1
58	1.82	0.38	70.5
59	2.08	0.42	73.4
60	2.42	0.48	77.1

NIH Toolbox General Life Satisfaction Fixed Form Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-3.07	0.42	15.8
6	-2.8	0.41	19
7	-2.57	0.4	21.6
8	-2.38	0.39	23.9
9	-2.2	0.38	26.1
10	-2.03	0.38	28.1
11	-1.86	0.38	30
12	-1.7	0.39	32
13	-1.53	0.39	33.9
14	-1.36	0.4	36
15	-1.18	0.41	38.1
16	-1	0.43	40.3
17	-0.8	0.44	42.5
18	-0.61	0.44	44.9
19	-0.41	0.44	47.2
20	-0.19	0.44	49.8
21	0.06	0.45	52.7
22	0.34	0.45	56.1
23	0.66	0.46	59.8
24	1.03	0.49	64.3
25	1.54	0.59	70.3

NIH Toolbox General Life Satisfaction Fixed Form A Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T- Score
5	-2.7	0.43	19.9
6	-2.31	0.36	24.1
7	-2.06	0.33	26.8
8	-1.86	0.31	29
9	-1.69	0.3	30.8
10	-1.55	0.3	32.4
11	-1.42	0.3	33.9
12	-1.29	0.29	35.2
13	-1.18	0.29	36.4
14	-1.07	0.28	37.6
15	-0.96	0.28	38.8
16	-0.86	0.28	39.9
17	-0.76	0.28	41
18	-0.65	0.28	42.1
19	-0.55	0.28	43.2
20	-0.45	0.28	44.4
21	-0.34	0.29	45.5
22	-0.23	0.29	46.7
23	-0.12	0.3	48
24	0	0.31	49.3
25	0.13	0.32	50.6
26	0.25	0.33	52
27	0.38	0.34	53.3
28	0.51	0.34	54.8
29	0.67	0.33	56.5
30	0.86	0.32	58.6
31	1.07	0.32	60.9
32	1.31	0.32	63.5
33	1.6	0.34	66.6
34	1.93	0.38	70.2
35	2.34	0.46	74.7

NIH Toolbox General Life Satisfaction Fixed Form B Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-2.91	0.39	17.6
6	-2.55	0.33	21.5
7	-2.29	0.3	24.3
8	-2.06	0.3	26.8
9	-1.85	0.29	29.1
10	-1.66	0.29	31.2
11	-1.47	0.29	33.3
12	-1.29	0.29	35.2
13	-1.11	0.29	37.1
14	-0.93	0.29	39.1
15	-0.75	0.3	41.1
16	-0.55	0.31	43.3
17	-0.35	0.32	45.5
18	-0.13	0.33	47.8
19	0.1	0.33	50.4
20	0.36	0.33	53.2
21	0.63	0.33	56.1
22	0.91	0.32	59.2
23	1.19	0.32	62.2
24	1.51	0.36	65.7
25	2	0.48	71

NIH Toolbox Instrumental Support Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-2.79	0.37	20.7
9	-2.45	0.28	24.2
10	-2.27	0.25	26.1
11	-2.12	0.23	27.6
12	-2	0.21	28.8
13	-1.9	0.2	29.9
14	-1.8	0.2	30.9
15	-1.71	0.2	31.9
16	-1.62	0.19	32.8
17	-1.54	0.19	33.6
18	-1.46	0.19	34.5
19	-1.38	0.19	35.3
20	-1.3	0.19	36.1
21	-1.22	0.19	36.9
22	-1.14	0.19	37.7
23	-1.06	0.19	38.6
24	-0.98	0.19	39.4
25	-0.9	0.2	40.2
26	-0.82	0.2	41.1
27	-0.73	0.2	41.9
28	-0.65	0.2	42.8
29	-0.56	0.2	43.7
30	-0.47	0.2	44.6
31	-0.38	0.2	45.6
32	-0.29	0.2	46.5
33	-0.19	0.2	47.6
34	-0.08	0.21	48.6
35	0.03	0.21	49.8
36	0.15	0.23	51.1
37	0.3	0.25	52.5
38	0.47	0.28	54.4
39	0.72	0.33	56.9
40	1.29	0.55	62.8

NIH Toolbox Loneliness Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-1.12	0.58	38.5
8	-0.49	0.36	45
9	-0.2	0.3	48
10	0.02	0.26	50.2
11	0.2	0.26	52.1
12	0.37	0.25	53.8
13	0.52	0.25	55.4
14	0.67	0.25	56.9
15	0.81	0.25	58.4
16	0.97	0.26	60
17	1.12	0.26	61.6
18	1.27	0.27	63.1
19	1.42	0.27	64.7
20	1.56	0.28	66.2
21	1.71	0.29	67.6
22	1.85	0.29	69.1
23	1.99	0.28	70.5
24	2.13	0.27	72
25	2.25	0.26	73.3
26	2.38	0.25	74.6
27	2.49	0.24	75.7
28	2.6	0.24	76.9
29	2.71	0.24	78
30	2.82	0.25	79.2
31	2.94	0.25	80.4
32	3.07	0.26	81.7
33	3.21	0.28	83.2
34	3.34	0.27	84.5
35	3.52	0.26	86.4

NIH Toolbox Loneliness Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-1.24	0.57	37.1
6	-0.62	0.37	43.7
7	-0.3	0.32	47.1
8	-0.05	0.3	49.8
9	0.17	0.29	52.1
10	0.37	0.29	54.3
11	0.57	0.29	56.4
12	0.77	0.29	58.5
13	0.97	0.29	60.7
14	1.17	0.29	62.8
15	1.37	0.3	64.9
16	1.56	0.3	66.9
17	1.75	0.3	68.9
18	1.93	0.29	70.9
19	2.1	0.28	72.7
20	2.27	0.28	74.4
21	2.43	0.28	76.2
22	2.6	0.28	78
23	2.79	0.29	80
24	3	0.3	82.2
25	3.28	0.32	85.2

NIH Toolbox Meaning and Purpose Bank Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-3.57	0.29	12.8
8	-3.48	0.31	13.8
9	-3.32	0.34	15.3
10	-3.13	0.35	17.2
11	-2.94	0.35	19.2
12	-2.74	0.34	21.2
13	-2.56	0.34	23
14	-2.39	0.33	24.8
15	-2.22	0.33	26.4
16	-2.06	0.33	28.1
17	-1.9	0.32	29.6
18	-1.75	0.33	31.2
19	-1.59	0.33	32.8
20	-1.43	0.33	34.4
21	-1.27	0.33	36
22	-1.11	0.33	37.7
23	-0.95	0.33	39.3
24	-0.78	0.34	41
25	-0.6	0.34	42.8
26	-0.41	0.35	44.7
27	-0.22	0.35	46.7
28	-0.01	0.35	48.8
29	0.2	0.36	50.9
30	0.42	0.36	53.1
31	0.66	0.37	55.5
32	0.92	0.38	58.2
33	1.2	0.41	61.1
34	1.53	0.46	64.4
35	1.94	0.54	68.5

NIH Toolbox Meaning and Purpose Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-3.57	0.29	12.8
8	-3.48	0.31	13.8
9	-3.32	0.34	15.3
10	-3.13	0.35	17.2
11	-2.94	0.35	19.2
12	-2.74	0.34	21.2
13	-2.56	0.34	23
14	-2.39	0.33	24.8
15	-2.22	0.33	26.4
16	-2.06	0.33	28.1
17	-1.9	0.32	29.6
18	-1.75	0.33	31.2
19	-1.59	0.33	32.8
20	-1.43	0.33	34.4
21	-1.27	0.33	36
22	-1.11	0.33	37.7
23	-0.95	0.33	39.3
24	-0.78	0.34	41
25	-0.6	0.34	42.8
26	-0.41	0.35	44.7
27	-0.22	0.35	46.7
28	-0.01	0.35	48.8
29	0.2	0.36	50.9
30	0.42	0.36	53.1
31	0.66	0.37	55.5
32	0.92	0.38	58.2
33	1.2	0.41	61.1
34	1.53	0.46	64.4
35	1.94	0.54	68.5

NIH Toolbox Perceived Hostility Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T- Score
5	-1.9	0.47	30.9
6	-1.39	0.33	36
7	-1.09	0.3	39.2
8	-0.83	0.29	41.7
9	-0.61	0.28	44
10	-0.4	0.28	46.2
11	-0.19	0.29	48.3
12	0.03	0.29	50.6
13	0.26	0.3	52.9
14	0.49	0.31	55.2
15	0.73	0.31	57.6
16	0.97	0.31	60.1
17	1.19	0.3	62.3
18	1.39	0.29	64.4
19	1.57	0.28	66.2
20	1.75	0.27	68
21	1.92	0.27	69.7
22	2.1	0.28	71.6
23	2.3	0.29	73.6
24	2.52	0.32	75.8
25	2.87	0.38	79.4

**NIH Toolbox Perceived Stress Bank/Fixed Form Ages 13-17
v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.04	0.43	20.4
11	-2.75	0.42	23.2
12	-2.5	0.4	25.8
13	-2.27	0.39	28
14	-2.06	0.37	30.1
15	-1.87	0.37	32
16	-1.69	0.36	33.9
17	-1.51	0.36	35.6
18	-1.34	0.35	37.3
19	-1.18	0.35	39
20	-1.01	0.35	40.7
21	-0.85	0.35	42.3
22	-0.69	0.35	43.9
23	-0.53	0.35	45.5
24	-0.38	0.35	47
25	-0.22	0.35	48.6
26	-0.06	0.35	50.2
27	0.09	0.35	51.7
28	0.25	0.35	53.3
29	0.4	0.35	54.9
30	0.55	0.35	56.4
31	0.7	0.35	57.9
32	0.85	0.35	59.4
33	1	0.35	60.8
34	1.14	0.35	62.3
35	1.29	0.34	63.7
36	1.43	0.34	65.1
37	1.57	0.34	66.5
38	1.71	0.34	67.9
39	1.85	0.34	69.3
40	1.99	0.34	70.7
41	2.13	0.34	72.2
42	2.27	0.35	73.6
43	2.43	0.35	75.1
44	2.58	0.36	76.7
45	2.75	0.37	78.4
46	2.92	0.37	80.1
47	3.1	0.38	81.9
48	3.28	0.36	83.7
49	3.44	0.34	85.3
50	3.57	0.3	86.6

**NIH Toolbox Parent Report Perceived Stress Bank/Fixed
Form Ages 8-12 v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-2.44	0.52	25.4
11	-2.07	0.47	29.1
12	-1.77	0.44	32.2
13	-1.51	0.42	34.8
14	-1.28	0.4	37.1
15	-1.07	0.39	39.3
16	-0.87	0.39	41.3
17	-0.68	0.38	43.2
18	-0.5	0.38	45
19	-0.33	0.37	46.8
20	-0.16	0.37	48.5
21	0.01	0.37	50.2
22	0.17	0.37	51.9
23	0.34	0.37	53.5
24	0.49	0.37	55.1
25	0.65	0.37	56.7
26	0.81	0.37	58.3
27	0.96	0.37	59.9
28	1.11	0.37	61.4
29	1.27	0.37	62.9
30	1.41	0.37	64.5
31	1.56	0.37	65.9
32	1.71	0.37	67.4
33	1.85	0.37	68.9
34	1.99	0.37	70.3
35	2.13	0.36	71.7
36	2.27	0.36	73.2
37	2.41	0.36	74.6
38	2.55	0.36	76
39	2.69	0.36	77.4
40	2.83	0.36	78.8
41	2.97	0.36	80.2
42	3.11	0.35	81.6
43	3.24	0.34	83
44	3.37	0.33	84.3
45	3.48	0.3	85.4
46	3.58	0.28	86.4
47	3.66	0.25	87.2
48	3.72	0.22	87.9
49	3.77	0.19	88.4
50	3.81	0.17	88.8

NIH Toolbox Perceived Hostility Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-1.65	0.53	33.2
9	-1.14	0.4	38.5
10	-0.83	0.34	41.7
11	-0.6	0.31	44.2
12	-0.4	0.29	46.3
13	-0.22	0.28	48.1
14	-0.06	0.27	49.8
15	0.09	0.26	51.4
16	0.24	0.26	52.9
17	0.38	0.26	54.4
18	0.52	0.26	55.8
19	0.65	0.26	57.2
20	0.79	0.26	58.7
21	0.93	0.26	60.1
22	1.07	0.26	61.5
23	1.21	0.27	63
24	1.35	0.27	64.4
25	1.48	0.27	65.8
26	1.61	0.27	67.2
27	1.74	0.26	68.6
28	1.87	0.26	69.9
29	1.99	0.26	71.2
30	2.11	0.25	72.4
31	2.23	0.25	73.6
32	2.35	0.25	74.9
33	2.47	0.25	76.1
34	2.59	0.25	77.4
35	2.71	0.26	78.7
36	2.85	0.26	80.1
37	3	0.27	81.7
38	3.17	0.28	83.4
39	3.35	0.29	85.3
40	3.54	0.27	87.3

NIH Toolbox Perceived Rejection Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
5	-1.2	0.58	37.5
6	-0.57	0.37	44
7	-0.27	0.32	47.2
8	-0.03	0.29	49.7
9	0.18	0.28	51.8
10	0.37	0.28	53.8
11	0.55	0.28	55.7
12	0.74	0.28	57.6
13	0.92	0.28	59.6
14	1.12	0.28	61.6
15	1.31	0.29	63.6
16	1.49	0.29	65.4
17	1.66	0.29	67.2
18	1.83	0.28	69
19	1.99	0.27	70.6
20	2.15	0.27	72.2
21	2.3	0.27	73.8
22	2.46	0.27	75.4
23	2.63	0.28	77.2
24	2.83	0.3	79.4
25	3.14	0.34	82.6

NIH Toolbox Perceived Rejection Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-1.41	0.55	35.6
9	-0.88	0.39	41.2
10	-0.59	0.32	44.3
11	-0.37	0.29	46.5
12	-0.19	0.27	48.4
13	-0.03	0.26	50.1
14	0.12	0.25	51.6
15	0.26	0.25	53.1
16	0.39	0.25	54.6
17	0.53	0.25	56
18	0.66	0.25	57.4
19	0.79	0.25	58.8
20	0.93	0.25	60.2
21	1.06	0.25	61.6
22	1.19	0.25	63
23	1.32	0.26	64.3
24	1.45	0.26	65.7
25	1.58	0.26	67
26	1.7	0.26	68.3
27	1.83	0.26	69.6
28	1.95	0.25	70.9
29	2.07	0.25	72.2
30	2.18	0.25	73.4
31	2.29	0.24	74.6
32	2.4	0.24	75.7
33	2.52	0.24	76.9
34	2.63	0.24	78.1
35	2.75	0.25	79.3
36	2.87	0.25	80.7
37	3.01	0.26	82.1
38	3.16	0.27	83.7
39	3.33	0.28	85.5
40	3.52	0.27	87.5

NIH Toolbox Perceived Stress Bank/Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-2.76	0.49	22.7
11	-2.45	0.46	25.8
12	-2.19	0.44	28.5
13	-1.95	0.42	30.9
14	-1.74	0.4	33
15	-1.54	0.39	35
16	-1.36	0.38	36.9
17	-1.18	0.38	38.7
18	-1.01	0.37	40.4
19	-0.85	0.37	42
20	-0.69	0.37	43.7
21	-0.53	0.37	45.3
22	-0.37	0.37	46.9
23	-0.22	0.37	48.4
24	-0.07	0.37	49.9
25	0.09	0.37	51.5
26	0.24	0.37	53
27	0.39	0.37	54.5
28	0.54	0.37	56.1
29	0.69	0.37	57.5
30	0.83	0.37	59
31	0.98	0.37	60.5
32	1.12	0.37	61.9
33	1.26	0.37	63.4
34	1.4	0.37	64.8
35	1.54	0.37	66.2
36	1.68	0.36	67.6
37	1.82	0.36	69
38	1.96	0.36	70.4
39	2.09	0.36	71.8
40	2.23	0.36	73.1
41	2.37	0.36	74.5
42	2.51	0.37	75.9
43	2.65	0.37	77.4
44	2.8	0.37	78.9
45	2.95	0.38	80.4
46	3.1	0.37	81.9
47	3.25	0.36	83.4
48	3.38	0.34	84.8
49	3.51	0.31	86
50	3.61	0.28	87.1

NIH Toolbox Positive Affect Bank Ages 13-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.41	0.29	15.6
11	-3.18	0.28	17.9
12	-2.98	0.25	19.9
13	-2.82	0.23	21.5
14	-2.68	0.22	22.9
15	-2.56	0.21	24.1
16	-2.44	0.21	25.3
17	-2.33	0.21	26.4
18	-2.22	0.21	27.5
19	-2.11	0.21	28.6
20	-2.01	0.21	29.6
21	-1.9	0.21	30.7
22	-1.8	0.2	31.7
23	-1.7	0.2	32.7
24	-1.6	0.2	33.7
25	-1.5	0.2	34.7
26	-1.4	0.21	35.7
27	-1.3	0.21	36.8
28	-1.19	0.21	37.8
29	-1.09	0.21	38.8
30	-0.98	0.21	39.9
31	-0.88	0.21	40.9
32	-0.77	0.21	42
33	-0.67	0.21	43
34	-0.56	0.21	44.1
35	-0.46	0.21	45.1
36	-0.35	0.21	46.2
37	-0.24	0.21	47.3
38	-0.12	0.21	48.5
39	-0.01	0.22	49.6
40	0.11	0.22	50.8
41	0.23	0.22	52
42	0.35	0.21	53.2
43	0.48	0.21	54.5
44	0.6	0.21	55.7
45	0.72	0.21	56.9
46	0.85	0.22	58.2
47	1	0.24	59.7
48	1.18	0.27	61.5
49	1.42	0.32	63.9
50	1.86	0.48	68.3

NIH Toolbox Positive Affect Bank Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
15	-3.56	0.27	13.9
16	-3.43	0.3	15.2
17	-3.27	0.3	16.8
18	-3.13	0.3	18.2
19	-2.99	0.29	19.6
20	-2.87	0.27	20.8
21	-2.75	0.26	22
22	-2.65	0.25	23
23	-2.55	0.24	24
24	-2.46	0.23	24.9
25	-2.37	0.23	25.8
26	-2.29	0.22	26.6
27	-2.21	0.22	27.4
28	-2.13	0.22	28.2
29	-2.06	0.21	28.9
30	-1.98	0.21	29.7
31	-1.91	0.21	30.4
32	-1.84	0.21	31.1
33	-1.77	0.21	31.8
34	-1.7	0.21	32.5
35	-1.63	0.21	33.2
36	-1.56	0.21	33.9
37	-1.5	0.21	34.5
38	-1.43	0.21	35.2
39	-1.36	0.21	35.9
40	-1.3	0.21	36.5
41	-1.23	0.21	37.2
42	-1.17	0.21	37.8
43	-1.1	0.21	38.5
44	-1.04	0.21	39.1
45	-0.97	0.21	39.8
46	-0.91	0.21	40.4
47	-0.84	0.21	41.1
48	-0.78	0.21	41.7
49	-0.71	0.21	42.4
50	-0.65	0.21	43
51	-0.58	0.21	43.7
52	-0.52	0.21	44.3
53	-0.45	0.21	45
54	-0.38	0.21	45.7
55	-0.31	0.21	46.4
56	-0.25	0.21	47
57	-0.18	0.21	47.7
58	-0.11	0.21	48.4

59	-0.04	0.21	49.1
60	0.03	0.21	49.8
61	0.11	0.21	50.6
62	0.18	0.21	51.3
63	0.26	0.21	52.1
64	0.34	0.22	52.9
65	0.42	0.22	53.7
66	0.5	0.23	54.5
67	0.59	0.23	55.4
68	0.69	0.24	56.4
69	0.8	0.26	57.5
70	0.92	0.28	58.7
71	1.05	0.3	60
72	1.21	0.33	61.6
73	1.39	0.37	63.4
74	1.63	0.42	65.8
75	1.99	0.51	69.4

NIH Toolbox Positive Affect Fixed Form Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
9	-3.15	0.39	18
10	-2.9	0.38	20.6
11	-2.72	0.37	22.4
12	-2.56	0.35	24.1
13	-2.41	0.34	25.5
14	-2.28	0.33	26.8
15	-2.16	0.33	28
16	-2.05	0.32	29.2
17	-1.94	0.32	30.3
18	-1.84	0.32	31.3
19	-1.74	0.31	32.3
20	-1.64	0.31	33.3
21	-1.54	0.31	34.3
22	-1.45	0.31	35.2
23	-1.35	0.31	36.2
24	-1.26	0.31	37.1
25	-1.17	0.31	38.1
26	-1.07	0.31	39
27	-0.98	0.31	40
28	-0.89	0.32	40.9
29	-0.79	0.32	41.9
30	-0.7	0.32	42.8
31	-0.6	0.32	43.8
32	-0.5	0.32	44.8
33	-0.4	0.32	45.9
34	-0.29	0.33	46.9
35	-0.18	0.33	48
36	-0.07	0.33	49.1
37	0.05	0.34	50.3
38	0.17	0.34	51.6
39	0.3	0.35	52.9
40	0.45	0.36	54.4
41	0.61	0.38	56
42	0.79	0.4	57.8
43	1	0.42	59.9
44	1.26	0.46	62.6
45	1.7	0.56	67.1

NIH Toolbox Positive Affect Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
15	-3.56	0.27	13.9
16	-3.43	0.3	15.2
17	-3.27	0.3	16.8
18	-3.13	0.3	18.2
19	-2.99	0.29	19.6
20	-2.87	0.27	20.8
21	-2.75	0.26	22
22	-2.65	0.25	23
23	-2.55	0.24	24
24	-2.46	0.23	24.9
25	-2.37	0.23	25.8
26	-2.29	0.22	26.6
27	-2.21	0.22	27.4
28	-2.13	0.22	28.2
29	-2.06	0.21	28.9
30	-1.98	0.21	29.7
31	-1.91	0.21	30.4
32	-1.84	0.21	31.1
33	-1.77	0.21	31.8
34	-1.7	0.21	32.5
35	-1.63	0.21	33.2
36	-1.56	0.21	33.9
37	-1.5	0.21	34.5
38	-1.43	0.21	35.2
39	-1.36	0.21	35.9
40	-1.3	0.21	36.5
41	-1.23	0.21	37.2
42	-1.17	0.21	37.8
43	-1.1	0.21	38.5
44	-1.04	0.21	39.1
45	-0.97	0.21	39.8
46	-0.91	0.21	40.4
47	-0.84	0.21	41.1
48	-0.78	0.21	41.7
49	-0.71	0.21	42.4
50	-0.65	0.21	43
51	-0.58	0.21	43.7
52	-0.52	0.21	44.3
53	-0.45	0.21	45
54	-0.38	0.21	45.7
55	-0.31	0.21	46.4
56	-0.25	0.21	47
57	-0.18	0.21	47.7
58	-0.11	0.21	48.4

59	-0.04	0.21	49.1
60	0.03	0.21	49.8
61	0.11	0.21	50.6
62	0.18	0.21	51.3
63	0.26	0.21	52.1
64	0.34	0.22	52.9
65	0.42	0.22	53.7
66	0.5	0.23	54.5
67	0.59	0.23	55.4
68	0.69	0.24	56.4
69	0.8	0.26	57.5
70	0.92	0.28	58.7
71	1.05	0.3	60
72	1.21	0.33	61.6
73	1.39	0.37	63.4
74	1.63	0.42	65.8
75	1.99	0.51	69.4

NIH Toolbox Parent Report Positive Affect Bank Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
9	-2.88	0.38	21.2
10	-2.58	0.32	24.3
11	-2.36	0.27	26.5
12	-2.19	0.24	28.3
13	-2.04	0.23	29.7
14	-1.91	0.22	31
15	-1.79	0.21	32.3
16	-1.68	0.21	33.4
17	-1.57	0.21	34.5
18	-1.46	0.21	35.6
19	-1.35	0.21	36.7
20	-1.24	0.21	37.8
21	-1.13	0.21	39
22	-1.02	0.22	40.1
23	-0.9	0.22	41.3
24	-0.78	0.22	42.6
25	-0.65	0.23	43.8
26	-0.52	0.23	45.1
27	-0.39	0.23	46.4
28	-0.26	0.22	47.8
29	-0.13	0.22	49.1
30	0	0.22	50.5
31	0.14	0.22	51.8
32	0.29	0.23	53.3
33	0.45	0.25	55
34	0.65	0.29	57
35	0.93	0.36	59.8
36	1.45	0.54	65.1

NIH Toolbox Positive Affect Fixed Form Ages 13-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.41	0.29	15.6
11	-3.18	0.28	17.9
12	-2.98	0.25	19.9
13	-2.82	0.23	21.5
14	-2.68	0.22	22.9
15	-2.56	0.21	24.1
16	-2.44	0.21	25.3
17	-2.33	0.21	26.4
18	-2.22	0.21	27.5
19	-2.11	0.21	28.6
20	-2.01	0.21	29.6
21	-1.9	0.21	30.7
22	-1.8	0.2	31.7
23	-1.7	0.2	32.7
24	-1.6	0.2	33.7
25	-1.5	0.2	34.7
26	-1.4	0.21	35.7
27	-1.3	0.21	36.8
28	-1.19	0.21	37.8
29	-1.09	0.21	38.8
30	-0.98	0.21	39.9
31	-0.88	0.21	40.9
32	-0.77	0.21	42
33	-0.67	0.21	43
34	-0.56	0.21	44.1
35	-0.46	0.21	45.1
36	-0.35	0.21	46.2
37	-0.24	0.21	47.3
38	-0.12	0.21	48.5
39	-0.01	0.22	49.6
40	0.11	0.22	50.8
41	0.23	0.22	52
42	0.35	0.21	53.2
43	0.48	0.21	54.5
44	0.6	0.21	55.7
45	0.72	0.21	56.9
46	0.85	0.22	58.2
47	1	0.24	59.7
48	1.18	0.27	61.5
49	1.42	0.32	63.9
50	1.86	0.48	68.3

NIH Toolbox Parent Report Positive Affect Ages 3-7 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
9	-3.64	0.23	13.3
10	-3.49	0.25	14.8
11	-3.33	0.26	16.5
12	-3.16	0.25	18.1
13	-3.01	0.25	19.7
14	-2.86	0.25	21.2
15	-2.72	0.25	22.7
16	-2.58	0.25	24.1
17	-2.45	0.25	25.5
18	-2.32	0.25	26.8
19	-2.19	0.25	28.1
20	-2.06	0.25	29.5
21	-1.92	0.25	30.9
22	-1.78	0.25	32.3
23	-1.64	0.25	33.7
24	-1.5	0.26	35.2
25	-1.36	0.26	36.6
26	-1.21	0.26	38.1
27	-1.07	0.26	39.6
28	-0.92	0.26	41.1
29	-0.77	0.25	42.6
30	-0.62	0.25	44.2
31	-0.47	0.26	45.8
32	-0.3	0.28	47.5
33	-0.1	0.31	49.6
34	0.15	0.36	52.1
35	0.49	0.44	55.6
36	1.1	0.62	61.8

NIH Toolbox Parent Report Positive Affect Fixed Form Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
9	-2.88	0.38	21.2
10	-2.58	0.32	24.3
11	-2.36	0.27	26.5
12	-2.19	0.24	28.3
13	-2.04	0.23	29.7
14	-1.91	0.22	31
15	-1.79	0.21	32.3
16	-1.68	0.21	33.4
17	-1.57	0.21	34.5
18	-1.46	0.21	35.6
19	-1.35	0.21	36.7
20	-1.24	0.21	37.8
21	-1.13	0.21	39
22	-1.02	0.22	40.1
23	-0.9	0.22	41.3
24	-0.78	0.22	42.6
25	-0.65	0.23	43.8
26	-0.52	0.23	45.1
27	-0.39	0.23	46.4
28	-0.26	0.22	47.8
29	-0.13	0.22	49.1
30	0	0.22	50.5
31	0.14	0.22	51.8
32	0.29	0.23	53.3
33	0.45	0.25	55
34	0.65	0.29	57
35	0.93	0.36	59.8
36	1.45	0.54	65.1

NIH Toolbox Sadness Bank Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T Score
28	-1.65	0.5	29.6
29	-1.19	0.34	35.5
30	-0.98	0.29	38.1
31	-0.82	0.25	40.1
32	-0.7	0.22	41.6
33	-0.6	0.2	42.8
34	-0.52	0.19	43.9
35	-0.45	0.18	44.9
36	-0.38	0.17	45.7
37	-0.32	0.16	46.5
38	-0.26	0.16	47.2
39	-0.21	0.15	47.8
40	-0.16	0.15	48.5
41	-0.12	0.15	49
42	-0.07	0.14	49.6
43	-0.03	0.14	50.1
44	0.01	0.14	50.6
45	0.05	0.13	51.1
46	0.09	0.13	51.6
47	0.12	0.13	52.1
48	0.16	0.13	52.5
49	0.19	0.13	53
50	0.23	0.13	53.4
51	0.26	0.12	53.8
52	0.29	0.12	54.2
53	0.32	0.12	54.6
54	0.36	0.12	55
55	0.39	0.12	55.4
56	0.42	0.12	55.8
57	0.45	0.12	56.2
58	0.48	0.12	56.6
59	0.51	0.12	56.9
60	0.54	0.12	57.3
61	0.57	0.12	57.7
62	0.6	0.12	58
63	0.62	0.12	58.4
64	0.65	0.12	58.8
65	0.68	0.12	59.1
66	0.71	0.12	59.5
67	0.74	0.12	59.9
68	0.77	0.12	60.2
69	0.8	0.12	60.6
70	0.83	0.12	61
71	0.86	0.12	61.3

72	0.88	0.12	61.7
73	0.91	0.12	62.1
74	0.94	0.12	62.4
75	0.97	0.12	62.8
76	1	0.12	63.2
77	1.03	0.12	63.5
78	1.06	0.12	63.9
79	1.09	0.12	64.3
80	1.12	0.12	64.6
81	1.15	0.12	65
82	1.18	0.12	65.4
83	1.21	0.12	65.8
84	1.23	0.12	66.1
85	1.26	0.12	66.5
86	1.29	0.12	66.9
87	1.32	0.12	67.3
88	1.35	0.12	67.6
89	1.38	0.12	68
90	1.41	0.12	68.4
91	1.44	0.12	68.8
92	1.47	0.12	69.2
93	1.5	0.12	69.5
94	1.53	0.12	69.9
95	1.56	0.12	70.3
96	1.59	0.12	70.7
97	1.62	0.12	71.1
98	1.65	0.12	71.4
99	1.68	0.12	71.8
100	1.72	0.12	72.2
101	1.75	0.12	72.6
102	1.78	0.12	73
103	1.81	0.12	73.4
104	1.84	0.12	73.8
105	1.87	0.12	74.2
106	1.9	0.12	74.6
107	1.93	0.12	75
108	1.96	0.12	75.4
109	2	0.12	75.8
110	2.03	0.12	76.2
111	2.06	0.12	76.6
112	2.09	0.12	77
113	2.12	0.12	77.4
114	2.16	0.12	77.8
115	2.19	0.12	78.2
116	2.22	0.12	78.7
117	2.26	0.12	79.1
118	2.29	0.12	79.5

119	2.33	0.12	79.9
120	2.36	0.12	80.4
121	2.4	0.12	80.8
122	2.43	0.12	81.3
123	2.47	0.13	81.8
124	2.51	0.13	82.2
125	2.54	0.13	82.7
126	2.58	0.13	83.2
127	2.63	0.13	83.7
128	2.67	0.14	84.3
129	2.71	0.14	84.9
130	2.76	0.14	85.5
131	2.81	0.15	86.1
132	2.87	0.16	86.8
133	2.93	0.16	87.6
134	2.99	0.17	88.4
135	3.07	0.18	89.3
136	3.15	0.2	90.4
137	3.25	0.21	91.6
138	3.36	0.23	93
139	3.49	0.23	94.7
140	3.62	0.22	96.4

NIH Toolbox Sadness Fixed Form Ages 8-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-1.48	0.58	34.1
9	-0.96	0.46	39.7
10	-0.68	0.42	42.7
11	-0.45	0.39	45.2
12	-0.26	0.37	47.3
13	-0.09	0.35	49.1
14	0.06	0.33	50.7
15	0.2	0.32	52.2
16	0.33	0.31	53.6
17	0.45	0.31	54.9
18	0.57	0.31	56.1
19	0.68	0.3	57.3
20	0.79	0.3	58.5
21	0.9	0.3	59.7
22	1	0.3	60.8
23	1.11	0.3	61.9
24	1.21	0.3	63
25	1.31	0.3	64.1
26	1.41	0.3	65.2
27	1.51	0.3	66.3
28	1.61	0.29	67.4
29	1.72	0.29	68.5
30	1.82	0.29	69.6
31	1.93	0.29	70.7
32	2.03	0.3	71.9
33	2.14	0.3	73.1
34	2.26	0.3	74.3
35	2.38	0.31	75.6
36	2.51	0.32	77
37	2.65	0.33	78.5
38	2.81	0.35	80.2
39	2.99	0.36	82.1
40	3.23	0.37	84.7

NIH Toolbox Sadness Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
8	-1.29	0.55	34.2
9	-0.67	0.34	42.1
10	-0.38	0.28	45.6
11	-0.18	0.24	48.2
12	-0.02	0.22	50.3
13	0.12	0.2	52
14	0.23	0.19	53.4
15	0.34	0.18	54.8
16	0.43	0.18	56
17	0.53	0.17	57.2
18	0.62	0.17	58.3
19	0.71	0.17	59.4
20	0.79	0.17	60.6
21	0.88	0.17	61.7
22	0.97	0.18	62.8
23	1.07	0.18	64
24	1.16	0.18	65.2
25	1.25	0.18	66.4
26	1.35	0.18	67.6
27	1.44	0.18	68.8
28	1.54	0.18	70
29	1.64	0.18	71.2
30	1.74	0.18	72.5
31	1.83	0.18	73.7
32	1.93	0.18	75
33	2.04	0.18	76.3
34	2.14	0.18	77.6
35	2.25	0.18	79
36	2.36	0.18	80.4
37	2.48	0.19	81.9
38	2.62	0.2	83.6
39	2.79	0.24	85.9
40	3.09	0.32	89.6

NIH Toolbox Parent Report Sadness Bank/Fixed Form Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
11	-0.65	0.77	41.5
12	0.02	0.66	49.2
13	0.48	0.59	54.4
14	0.87	0.51	58.8
15	1.19	0.44	62.5
16	1.45	0.39	65.4
17	1.67	0.35	68
18	1.87	0.33	70.2
19	2.05	0.32	72.3
20	2.22	0.31	74.2
21	2.38	0.31	76
22	2.53	0.31	77.8
23	2.68	0.31	79.6
24	2.84	0.31	81.3
25	3	0.31	83.2
26	3.17	0.3	85.1
27	3.33	0.29	86.9
28	3.48	0.27	88.6
29	3.6	0.24	90
30	3.69	0.21	91.1
31	3.77	0.18	91.9
32	3.82	0.15	92.5
33	3.85	0.13	92.9

NIH Toolbox Parent Report Sadness Fixed Form Ages 3-7 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
7	-0.62	0.8	41.2
8	0.02	0.73	49.3
9	0.55	0.68	56
10	1	0.64	61.9
11	1.4	0.61	67
12	1.75	0.59	71.5
13	2.08	0.58	75.6
14	2.38	0.57	79.5
15	2.67	0.56	83.2
16	2.95	0.54	86.7
17	3.19	0.49	89.8
18	3.38	0.43	92.3
19	3.53	0.36	94.2
20	3.64	0.3	95.6
21	3.71	0.26	96.5

NIH Toolbox Self Efficacy Bank/Fixed Form Ages 8-12 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.23	0.38	17.1
11	-3.01	0.38	19.4
12	-2.85	0.38	21
13	-2.69	0.36	22.7
14	-2.54	0.35	24.1
15	-2.41	0.34	25.5
16	-2.28	0.34	26.8
17	-2.16	0.33	28
18	-2.04	0.33	29.2
19	-1.93	0.33	30.3
20	-1.82	0.33	31.4
21	-1.71	0.33	32.6
22	-1.6	0.33	33.7
23	-1.49	0.33	34.8
24	-1.38	0.33	35.9
25	-1.27	0.34	37
26	-1.16	0.34	38.1
27	-1.04	0.34	39.3
28	-0.93	0.34	40.4
29	-0.82	0.34	41.5
30	-0.71	0.34	42.7
31	-0.59	0.34	43.8
32	-0.48	0.34	45
33	-0.37	0.34	46.1
34	-0.25	0.34	47.3
35	-0.14	0.34	48.4
36	-0.03	0.33	49.6
37	0.09	0.33	50.7
38	0.2	0.33	51.9
39	0.32	0.33	53.1
40	0.44	0.34	54.3
41	0.56	0.34	55.5
42	0.69	0.34	56.8
43	0.82	0.35	58.1
44	0.96	0.36	59.5
45	1.11	0.38	61.1
46	1.27	0.4	62.7
47	1.45	0.42	64.5
48	1.66	0.45	66.7
49	1.88	0.47	68.9
50	2.21	0.53	72.2

NIH Toolbox Self Efficacy Bank/Fixed Form Ages 13-17 v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.71	0.21	12.2
11	-3.63	0.24	13
12	-3.52	0.27	14.1
13	-3.4	0.29	15.3
14	-3.27	0.3	16.6
15	-3.14	0.3	17.9
16	-3.01	0.3	19.2
17	-2.88	0.3	20.5
18	-2.76	0.3	21.8
19	-2.64	0.3	23
20	-2.52	0.3	24.2
21	-2.4	0.3	25.4
22	-2.28	0.3	26.6
23	-2.15	0.31	27.9
24	-2.03	0.31	29.1
25	-1.9	0.31	30.4
26	-1.77	0.32	31.7
27	-1.64	0.32	33.1
28	-1.5	0.32	34.4
29	-1.37	0.32	35.8
30	-1.23	0.32	37.2
31	-1.09	0.32	38.6
32	-0.95	0.32	39.9
33	-0.81	0.32	41.3
34	-0.67	0.32	42.7
35	-0.54	0.31	44.1
36	-0.4	0.31	45.5
37	-0.26	0.31	46.9
38	-0.13	0.31	48.2
39	0.01	0.31	49.6
40	0.14	0.31	51
41	0.28	0.31	52.3
42	0.42	0.31	53.8
43	0.57	0.32	55.2
44	0.72	0.32	56.8
45	0.88	0.33	58.4
46	1.06	0.35	60.2
47	1.26	0.38	62.2
48	1.48	0.41	64.4
49	1.75	0.46	67.1
50	2.11	0.52	70.7

NIH Toolbox Self-Efficacy Bank/Fixed Form Ages 18+ v2.0			
Raw Sum Score	Theta Score	Theta SD	Uncorrected T-Score
10	-3.26	0.33	16.2
11	-3.02	0.31	18.7
12	-2.81	0.28	20.8
13	-2.63	0.26	22.6
14	-2.47	0.24	24.3
15	-2.32	0.24	25.8
16	-2.17	0.25	27.4
17	-2.01	0.25	29
18	-1.85	0.26	30.6
19	-1.69	0.26	32.2
20	-1.54	0.26	33.8
21	-1.39	0.26	35.3
22	-1.25	0.25	36.7
23	-1.11	0.24	38.2
24	-0.97	0.24	39.6
25	-0.83	0.24	41
26	-0.7	0.25	42.4
27	-0.56	0.25	43.8
28	-0.42	0.25	45.2
29	-0.28	0.26	46.7
30	-0.14	0.26	48.1
31	0	0.25	49.5
32	0.14	0.25	50.9
33	0.28	0.24	52.4
34	0.42	0.25	53.8
35	0.58	0.26	55.4
36	0.74	0.28	57.1
37	0.94	0.32	59.1
38	1.2	0.39	61.7
39	1.5	0.47	64.8
40	1.84	0.55	68.3

**NIH Toolbox Parent Report Self Efficacy Bank/Fixed Form Ages
8-12 v2.0**

Raw Sum Score	Theta Score	Theta SD	Uncorrected T- Score
10	-2.94	0.38	20.6
11	-2.71	0.34	23
12	-2.48	0.29	25.2
13	-2.29	0.26	27.1
14	-2.13	0.24	28.7
15	-1.98	0.23	30.2
16	-1.84	0.23	31.6
17	-1.69	0.24	33.1
18	-1.52	0.25	34.7
19	-1.36	0.26	36.4
20	-1.2	0.26	38
21	-1.04	0.25	39.5
22	-0.89	0.25	41
23	-0.75	0.24	42.4
24	-0.61	0.23	43.8
25	-0.48	0.23	45.1
26	-0.35	0.23	46.4
27	-0.22	0.23	47.7
28	-0.08	0.24	49.1
29	0.05	0.24	50.4
30	0.18	0.24	51.7
31	0.31	0.24	53
32	0.44	0.23	54.3
33	0.57	0.23	55.6
34	0.71	0.23	56.9
35	0.84	0.23	58.3
36	0.99	0.25	59.8
37	1.17	0.29	61.6
38	1.41	0.36	63.9
39	1.69	0.44	66.7
40	1.98	0.51	69.6