

# Revised Children's Anxiety and Depression Scale

## *User's Guide*

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## Background

The Revised Child Anxiety and Depression Scale (RCADS) is a 47-item, youth self-report questionnaire with subscales including: separation anxiety disorder (SAD), social phobia (SP), generalized anxiety disorder (GAD), panic disorder (PD), obsessive compulsive disorder (OCD), and major depressive disorder (MDD). It also yields a Total Anxiety Scale (sum of the 5 anxiety subscales) and a Total Internalizing Scale (sum of all 6 subscales). Items are rated on a 4-point Likert-scale from 0 (“never”) to 3 (“always”). Additionally, The Revised Child Anxiety and Depression Scale – Parent Version (RCADS-P) similarly assesses parent report of youth’s symptoms of anxiety and depression across the same six subscales.

The RCADS and its related scales were developed using many of the items on the Spence Children’s Anxiety Scale (1997), along with items representing DSM Major Depression symptoms and new items related to general anxiety and negative affect.

## Terms of Use

The RCADS and its derivative works (inclusive of translations) are intellectual property owned and copyrighted by Chorpita and Spence. They are available for use through Dr. Chorpita’s UCLA resource page at no cost to users ([www.childfirst.ucla.edu/resources.html](http://www.childfirst.ucla.edu/resources.html)), but such use does not imply a perpetual free license to any individual or institution. Should the current model of distributing the RCADS become unsustainable due to inequitable practices, third-party commercialization, or other abuse of a free-to-end-user resource, the RCADS may eventually require fees for use.

Any use of these instruments implies that the user has read and agreed to these terms of use. Commercial distribution of the RCADS instruments or derivatives **in any form** by a third party is prohibited, and the UCLA Child FIRST web page is the only official distribution source. These instruments are available for research and educational purposes, and their professional use for any particular case is the responsibility of the user, at the user’s own risk. The developers and UCLA are not responsible for any third-party use of these instruments by individuals who have not read this guide and its terms of use.

## Use in Research

The instrument may be used for research purposes, but as a professional courtesy, please notify Dr. Chorpita by email before undertaking your study. This is also a good way to ensure you are not duplicating another researcher’s efforts or ideas. Use of the RCADS or its derivatives in published research should include acknowledgement of the development of the RCADS using appropriate scholarly citations, including the item development contributed by Spence (1997) and by Chorpita et al., (2000).

**The recommended citation for use of the RCADS in any published research is as follows:**

Chorpita, B. F., Yim, L. M., Moffitt, C. E., Umemoto L. A., & Francis, S. E. (2000). Assessment of symptoms of DSM-IV anxiety and depression in children: A Revised Child Anxiety and Depression Scale. *Behaviour Research and Therapy*, 38, 835-855.

If you are conducting grant-supported research that involves the RCADS as a focal point, such that you might perform translation, create new normative data sets, examine new delivery platforms, or simply seek to scale up implementation of the measure, you are strongly encouraged to budget for subcontracted support with the Child FIRST laboratory at UCLA. These projects and initiatives typically create unsustainable demands (often unintentional) on the Child FIRST laboratory that are best avoided through equitable collaboration.

## Adaptations, Translations, and Derivative Works

Adaptations and derivatives are not authorized without written permission from Chorpita and Spence. Regarding any adaptations, the instrument may not be altered to remove the copyright or other text in the margins regarding the source and terms. Creation of your own scoring tools is not allowed without permission, and permission will never be granted if those tools are to become publicly available outside of a defined institution. Also, although it should go without saying, “hacking” existing resources to unlock them so that you can make your own individual improvements or enhancements is destructive and unhelpful. It opens the possibility to infinite unauthorized scoring versions, which endangers users and is bad for children and families.

Translations are allowed with permission, which is typically granted when (a) they use current “best practice” instrument translation procedures, (b) the translating research team agrees to provide a copy of the final translated instrument (in both word and PDF formats) for non-commercial distribution on the UCLA web site, and (c) the translating team acknowledges that Chorpita and Spence will retain the copyright to any translated works. Any commercial use or resale of this instrument or its current and future derivative works is strictly prohibited. The RCADS and its family of measures is intended to be free for any interested user. This is only possible when people respect the terms of use and engage in respectful and equitable collaboration.

## Support

Because there is currently no end-user fee for any of these instruments, all support is provided on a voluntary basis by its developers and others in the research community. For questions that cannot be answered in this user’s guide, you may send an email to [chorpita@ucla.edu](mailto:chorpita@ucla.edu). Please be patient, as the RCADS instruments are used by tens of thousands of parties, and **the lab has no dedicated funding for the purpose of helping users with scoring or other issues**. Dr. Chorpita does update materials on the website as time allows, so please check the website regularly for the latest releases. Please do not send an email unless you have read most recent version of this user’s guide and have tried every imaginable way to solve the problem on your own. To be clear: Dr. Chorpita has never received fees, grant support, or any income related to the RCADS for over 20 years. This is a charitable endeavor, enacted primarily by a single individual. Please be respectful.

## Scoring

The RCADS and RCADS-P can be scored either manually or by using an automated scoring procedure.

**Manual Scoring.** To score the RCADS manually, each item is assigned a numerical value from 0-3, where 0 = Never, 1 = Sometimes, 2 = Often, and 3 = Always. For each subscale add the numerical values for each item together. The items that comprise each subscale are listed below. For example, for Generalized Anxiety you would add the numerical values for items 1, 13, 22, 27, 35, and 37. Thus, the highest score possible is 18, the lowest 0.

Missing data for raw scores can be handled by prorating the remaining items within a scale. It is recommended that scales with more than 2 missing items are not scored. Likewise, the total anxiety score can have up to 10 missing items, but only if each subscale has no more than 2 missing; and the total anxiety and depression score can have up to 12 missing items, but only if each subscale has no more than 2 missing items. To estimate the scale score, take the sum of the completed items within that scale and divide that by the number of items completed, then multiple by the total number of items in that scale, and then round the result. For example, if one item is missing from the separation anxiety scale (which has seven items), and the 6 completed items sum to 4, you would divide 4 by 6 (0.67), and then multiply by 7, which would yield 4.67, which then rounds to 5. Thus, you would count the score as a 5 not a 4 because of the prorating.

Disorder/Syndrome	Related Items
Social Phobia	4, 7, 8, 12, 20, 30, 32, 38, 43
Panic Disorder	3, 14, 24, 26, 28, 34, 36, 39, 41
Major Depression	2, 6, 11, 15, 19, 21, 25, 29, 40, 47
Separation Anxiety	5, 9, 17, 18, 33, 45, 46
Generalized Anxiety	1, 13, 22, 27, 35, 37
Obsessive-Compulsive	10,16, 23, 31, 42, 44

Using the raw score for each subscale, look up the corresponding T-score from the appropriate grade level chart in the Appendices. For example, if the raw score for a girl in 5th grade on the SP (Social Phobia) subscale was 12, the T-score would be 48 (see Appendix A, p.6).

**Automated Scoring.** Scoring programs for youth and parent versions are available at [www.childfirst.ucla.edu/resources.html](http://www.childfirst.ucla.edu/resources.html) for scoring the RCADS and calculating T scores. Begin by entering youth's gender and grade level on top right-hand corner. Note: only grade level should be entered (not youth age). Continue by entering scores (0-3) for all 47 items. Raw scores by subscale will be generated and data points plotted along the corresponding figure. The figure shows a dashed line at T = 65. T scores of 65 or higher will show in a yellow background, indicating scores at the borderline clinical threshold. T score of 70 or higher will show in an orange background, indicating scores above the clinical threshold.

Missing data are automatically handled in the automated scoring programs, as described above. Also, T scores above 80 are displayed simply as ">80," given that there are only minor differences in percentile rankings above these scores, and discriminations among such elevated T scores are not clinically meaningful. If you wish to determine the exact T score (e.g., for research purposes), either use the manual scoring procedure or use batch scoring (see below).

Batch scoring (scoring an entire file of RCADS scores for multiple cases) can also be performed by using syntax for commonly used statistical packages, such as SPSS. An example of SPSS syntax is available on [www.childfirst.ucla.edu](http://www.childfirst.ucla.edu).

## Languages and Versions

The RCADS is currently available in US English, Chinese, Danish, Dutch, Finnish, French, German, Greek, Icelandic, Korean, Norwegian, Persian, Polish, Slovene, Portuguese, Spanish, Swedish, and Urdu. Currently, norms and scoring programs for both the RCADS and RCADS-P are based on English versions, with the exception of the Icelandic versions. Use of norms and interpretation of T-scores should be done cautiously with other non-English versions, as research is still underway on these instruments. Users are encouraged to check the UCLA Child First Site ([www.childfirst.ucla.edu](http://www.childfirst.ucla.edu)) for updates on additional scoring programs, and updates to norms will continue to be posted as new research emerges.

A brief version of the instrument is available as well (RCADS-25). The RCADS-25 only yields three scores: Total Anxiety, Total Depression, and Total Anxiety and Depression. An automated scoring program is available for the RCADS-25 ([www.childfirst.ucla.edu/resources.html](http://www.childfirst.ucla.edu/resources.html)).

Versions of the RCADS that are not on the UCLA Child FIRST website are unauthorized versions, some of which are pending review and will eventually appear, but some of which are simply not approved instruments. We discourage use of unauthorized instruments and **are not able to respond to any inquiries** about measures not found on the UCLA Child FIRST website.

## Brief Summary of Scale Development

In a school-based sample of 1,641 children and adolescents, Chorpita and colleagues (2000) reported a factor structure consistent with DSM-IV anxiety disorders and depression, and favorable internal consistency. Similarly, the RCADS-Parent version (RCADS-P) shows high internal consistency and convergent validity, and has been shown to accurately assess anxiety and depression symptoms both clinical and school-based youth (Ebesutani et al. 2010, Ebesutani et al., 2011). Further evidence for the RCADS has been demonstrated in other samples, including clinical samples and Australian youth (e.g., Chorpita, Moffitt, and Gray, 2005; de Ross, Gullone, and Chorpita, 2002). The RCADS' ability to help inform diagnoses, track clinical change, and further delineate between anxiety and depression disorders shows its strong utility in both clinical and research contexts (e.g., Chorpita et al. 2000; Chorpita et al. 2005). Over the past 10 years, there have been multiple additional studies and translations of the RCADS. Users are encouraged to review the partial listing of early, formative studies in the reference section below.

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Muris, P., Merckelbach, H., Ollendick, T., King, N., & Bogie, N. (2002). Three traditional and three new childhood anxiety questionnaires: Their reliability and validity in a normal adolescent sample. *Behaviour Research and Therapy*, 21, 685–692.

Muris, P., Dreesen, L., Bogels, S., Weckx, M., & van Melick, M. (2004). A questionnaire for screening a broad range of DSM defined anxiety disorder symptoms in clinically referred children and adolescents. *Journal of Child Psychology and Psychiatry*, 45, 813–820.

Appendix A: Child RCADS T-Score Conversions for Subscales (47 item version)

	Boys 3rd & 4th						Girls 3rd & 4th						
RAW	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	RAW
0	30	29	31	37	38	28	32	29	29	36	34	27	0
1	32	32	34	40	40	31	34	32	32	38	36	29	1
2	35	35	37	42	43	33	36	35	35	40	38	31	2
3	37	38	40	45	45	35	38	37	37	43	41	33	3
4	40	41	43	47	48	37	40	40	40	45	43	35	4
5	42	44	46	49	50	39	42	43	43	47	45	37	5
6	44	47	50	52	53	42	44	45	46	49	48	39	6
7	47	50	53	54	55	44	46	48	48	51	50	41	7
8	49	53	56	57	58	46	48	51	51	53	52	43	8
9	52	56	59	59	61	48	51	53	54	55	55	45	9
10	54	59	62	61	63	51	53	56	56	57	57	47	10
11	57	62	65	64	66	53	55	59	59	59	59	49	11
12	59	65	68	66	68	55	57	61	62	62	61	51	12
13	62	68	71	69	71	57	59	64	65	64	64	53	13
14	64	71	75	71	73	59	61	67	67	66	66	55	14
15	67	74	78	73	76	62	63	69	70	68	68	57	15
16	69	77	81	76	78	64	65	72	73	70	71	59	16
17	71	80	84	78	81	66	67	74	75	72	73	61	17
18	74	83	87	81	83	68	69	77	78	74	75	63	18
19	76			83	86	70	72			76	78	65	19
20	79			86	88	73	74			79	80	67	20
21	81			88	91	75	76			81	82	69	21
22	84			90		77	78			83		71	22
23	86			93		79	80			85		73	23
24	89			95		82	82			87		75	24
25	91			98		84	84			89		77	25
26	93			100		86	86			91		79	26
27	96			102		88	88			93		81	27
28	98						91						28
29	101						93						29
30	103						95						30



Appendix A: Child RCADS T-Score Conversions for Subscales (47 item version)

	Boys 5th & 6th						Girls 5th & 6th						
RAW	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	RAW
0	31	29	32	39	40	28	31	28	32	38	37	25	0
1	33	33	35	42	43	30	34	31	34	40	40	27	1
2	36	36	38	44	46	33	36	34	37	42	43	29	2
3	39	39	41	47	49	35	39	36	40	45	45	31	3
4	42	42	44	50	53	37	41	39	43	47	48	33	4
5	44	45	47	53	56	39	44	42	46	49	51	35	5
6	47	49	50	55	59	41	46	45	49	52	53	37	6
7	50	52	53	58	62	43	48	47	52	54	56	39	7
8	53	55	56	61	66	45	51	50	55	56	59	41	8
9	55	58	59	64	69	47	53	53	58	59	61	42	9
10	58	61	62	67	72	49	56	55	60	61	64	44	10
11	61	65	65	69	76	51	58	58	63	63	67	46	11
12	64	68	68	72	79	54	61	61	66	66	69	48	12
13	66	71	71	75	82	56	63	64	69	68	72	50	13
14	69	74	75	78	85	58	66	66	72	70	74	52	14
15	72	77	78	80	89	60	68	69	75	73	77	54	15
16	75	81	81	83	92	62	70	72	78	75	80	56	16
17	77	84	84	86	95	64	73	74	81	77	82	58	17
18	80	87	87	89	99	66	75	77	84	80	85	60	18
19	83			92	102	68	78			82	88	62	19
20	86			94	105	70	80			84	90	64	20
21	88			97	108	73	83			87	93	66	21
22	91			100		75	85			89		67	22
23	94			103		77	87			91		69	23
24	97			105		79	90			94		71	24
25	99			108		81	92			96		73	25
26	102			111		83	95			98		75	26
27	105			114		85	97			101		77	27
28	108						100						28
29	110						102						29
30	113						105						30

Appendix A: Child RCADS T-Score Conversions for Subscales (47 item version)

	Boys 7th & 8th						Girls 7th & 8th						
RAW	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	RAW
0	32	30	35	39	41	27	30	27	35	37	39	24	0
1	34	33	38	42	45	29	32	30	38	40	43	26	1
2	37	37	41	45	49	31	35	33	41	42	46	28	2
3	40	40	43	48	53	33	37	36	44	45	50	30	3
4	43	43	46	51	57	35	40	39	47	47	54	32	4
5	45	46	49	54	61	37	43	42	50	50	57	34	5
6	48	49	52	57	65	39	45	46	53	52	61	36	6
7	51	53	55	60	69	41	48	49	56	55	65	38	7
8	54	56	58	63	73	44	50	52	59	58	68	40	8
9	56	59	61	66	77	46	53	55	62	60	72	42	9
10	59	62	64	69	81	48	55	58	65	63	76	44	10
11	62	65	67	72	85	50	58	61	68	65	79	46	11
12	65	68	70	75	89	52	61	64	71	68	83	48	12
13	67	72	73	78	93	54	63	68	74	70	87	50	13
14	70	75	76	81	98	56	66	71	77	73	90	52	14
15	73	78	79	84	102	58	68	74	80	75	94	54	15
16	76	81	82	87	106	60	71	77	83	78	98	56	16
17	78	84	85	90	110	63	73	80	86	81	101	58	17
18	81	88	88	93	114	65	76	83	89	83	105	60	18
19	84			96	118	67	78			86	109	62	19
20	87			99	122	69	81			88	113	64	20
21	89			102	126	71	84			91	116	66	21
22	92			105		73	86			93		68	22
23	95			108		75	89			96		70	23
24	98			111		77	91			98		72	24
25	100			114		79	94			101		74	25
26	103			117		82	96			103		76	26
27	106			120		84	99			106		78	27
28	108						101						28
29	111						104						29
30	114						107						30

Appendix A: Child RCADS T-Score Conversions for Subscales (47 item version)

	Boys 9th & 10th						Girls 9th & 10th						
RAW	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	RAW
0	32	26	34	38	40	25	29	29	35	36	40	25	0
1	34	29	37	41	44	27	32	32	39	40	44	27	1
2	37	33	41	45	48	30	35	35	42	43	48	29	2
3	39	36	44	48	52	32	37	38	46	46	53	31	3
4	42	40	48	51	56	34	40	40	50	49	57	33	4
5	44	43	51	54	60	36	43	43	53	53	62	35	5
6	46	46	55	57	64	38	46	46	57	56	66	37	6
7	49	50	58	60	68	40	48	49	60	59	71	39	7
8	51	53	62	63	72	42	51	52	64	62	75	41	8
9	54	57	65	66	76	44	54	55	67	66	80	43	9
10	56	60	69	69	80	46	56	58	71	69	84	45	10
11	59	63	72	73	85	49	59	61	75	72	89	47	11
12	61	67	75	76	89	51	62	64	78	75	93	49	12
13	64	70	79	79	93	53	65	67	82	79	98	51	13
14	66	74	82	82	97	55	67	70	85	82	102	53	14
15	68	77	86	85	101	57	70	72	89	85	107	55	15
16	71	80	89	88	105	59	73	75	93	89	111	57	16
17	73	84	93	91	109	61	75	78	96	92	116	59	17
18	76	87	96	94	113	63	78	81	100	95	120	61	18
19	78			97	117	65	81			98	125	63	19
20	81			101	121	68	84			102	129	65	20
21	83			104	125	70	86			105	134	67	21
22	86			107		72	89			108		69	22
23	88			110		74	92			111		71	23
24	90			113		76	94			115		73	24
25	93			116		78	97			118		75	25
26	95			119		80	100			121		77	26
27	98			122		82	103			124		79	27
28	100						105						28
29	103						108						29
30	105						111						30

Appendix A: Child RCADS T-Score Conversions for Subscales (47 item version)

RAW	Boys 11th & 12th						Girls 11th & 12th						RAW
	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	
0	31	30	33	36	41	26	29	27	36	38	38	24	0
1	33	33	37	40	46	28	31	30	38	40	42	26	1
2	36	36	40	43	50	31	33	33	41	42	46	28	2
3	39	39	43	47	55	33	36	35	44	45	50	30	3
4	41	42	46	51	60	35	38	38	46	47	54	32	4
5	44	45	49	54	65	37	40	41	49	49	58	34	5
6	47	48	53	58	70	40	42	43	51	52	61	36	6
7	49	51	56	62	75	42	45	46	54	54	65	38	7
8	52	54	59	66	80	44	47	49	57	56	69	40	8
9	54	57	62	69	85	46	49	51	59	59	73	42	9
10	57	59	65	73	90	49	51	54	62	61	77	44	10
11	60	62	69	77	95	51	54	57	64	63	81	46	11
12	62	65	72	80	100	53	56	59	67	66	85	48	12
13	65	68	75	84	105	55	58	62	70	68	89	50	13
14	68	71	78	88	110	57	60	65	72	70	93	52	14
15	70	74	81	91	115	60	63	68	75	73	96	54	15
16	73	77	85	95	119	62	65	70	78	75	100	56	16
17	75	80	88	99	124	64	67	73	80	77	104	58	17
18	78	83	91	102	129	66	69	76	83	80	108	60	18
19	81			106	134	69	72			82	112	62	19
20	83			110	139	71	74			84	116	64	20
21	86			114	144	73	76			87	120	66	21
22	89			117		75	78			89		68	22
23	91			121		77	81			91		70	23
24	94			125		80	83			94		72	24
25	96			128		82	85			96		74	25
26	99			132		84	87			98		76	26
27	102			136		86	90			101		78	27
28	104						92						28
29	107						94						29
30	110						96						30

Appendix B: Parent RCADS-P T-Score Conversions for Subscales (47 item version)

Boys 3rd & 4th							Girls 3rd & 4th						RAW
RAW	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	RAW
0	37	36	42	40	36	28	41	36	42	43	36	29	0
1	41	40	46	45	39	31	44	40	46	47	39	32	1
2	44	43	50	51	42	33	47	43	50	50	43	34	2
3	48	46	54	56	46	36	49	47	54	54	46	37	3
4	51	50	58	61	49	39	52	50	58	58	49	40	4
5	54	53	62	66	52	41	55	53	61	62	53	42	5
6	58	56	66	72	56	44	58	57	65	66	56	45	6
7	61	60	70	77	59	46	60	60	69	70	59	47	7
8	65	63	75	82	62	49	63	64	73	73	63	50	8
9	68	66	79	87	66	51	66	67	77	77	66	53	9
10	71	70	83	93	69	54	69	71	80	81	69	55	10
11	75	73	87	98	72	57	72	74	84	85	73	58	11
12	78	76	91	103	76	59	74	78	88	89	76	60	12
13	82	80	95	108	79	62	77	81	92	93	79	63	13
14	85	83	99	114	82	64	80	85	96	96	83	65	14
15	89	86	103	119	86	67	83	88	99	100	86	68	15
16	92	90	107	124	89	69	86	92	103	104	89	71	16
17	95	93	112	129	92	72	88	95	107	108	93	73	17
18	99	96	116	135	96	75	91	99	111	112	96	76	18
19	102			140	99	77	94			116	99	78	19
20	106			145	102	80	97			119	103	81	20
21	109			151	106	82	100			123	106	84	21
22	112			156		85	102			127		86	22
23	116			161		88	105			131		89	23
24	119			166		90	108			135		91	24
25	123			172		93	111			139		94	25
26	126			177		95	114			142		96	26
27	129			182		98	116			146		99	27
28	133						119						28
29	136						122						29
30	140						125						30

Appendix B: Parent RCADS-P T-Score Conversions for Subscales (47 item version)

RAW	Boys 5th & 6th						Girls 5th & 6th						RAW
	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	
0	37	35	41	41	40	30	40	37	42	42	38	33	0
1	41	39	46	47	43	33	42	40	46	47	42	35	1
2	44	43	50	52	47	36	45	43	50	51	45	37	2
3	48	47	54	57	51	38	48	46	54	55	48	38	3
4	51	51	59	63	54	41	51	49	57	60	52	40	4
5	55	55	63	68	58	43	53	53	61	64	55	42	5
6	58	59	67	74	61	46	56	56	65	68	59	44	6
7	62	63	72	79	65	48	59	59	69	73	62	46	7
8	65	67	76	85	68	51	62	62	73	77	65	48	8
9	69	71	80	90	72	53	64	65	76	81	69	50	9
10	72	75	85	95	76	56	67	68	80	86	72	52	10
11	76	79	89	101	79	58	70	71	84	90	76	54	11
12	79	83	93	106	83	61	73	75	88	94	79	56	12
13	83	87	98	112	86	63	75	78	91	99	82	58	13
14	86	91	102	117	90	66	78	81	95	103	86	60	14
15	90	95	106	123	94	69	81	84	99	107	89	62	15
16	93	99	111	128	97	71	84	87	103	112	93	64	16
17	97	103	115	133	101	74	87	90	106	116	96	66	17
18	100	107	119	139	104	76	89	93	110	120	99	68	18
19	104			144	108	79	92			125	103	69	19
20	107			150	111	81	95			129	106	71	20
21	111			155	115	84	98			134	109	73	21
22	114			161		86	100			138		75	22
23	118			166		89	103			142		77	23
24	121			172		91	106			147		79	24
25	124			177		94	109			151		81	25
26	128			182		96	111			155		83	26
27	131			188		99	114			160		85	27
28	135						117						28
29	138						120						29
30	142						122						30

Appendix B: Parent RCADS-P T-Score Conversions for Subscales (47 item version)

RAW	Boys 7th & 8th						Girls 7th & 8th						RAW
	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	
0	39	37	42	40	41	32	39	37	43	41	41	31	0
1	42	41	47	46	46	35	42	41	48	46	45	34	1
2	45	45	52	53	50	37	45	45	53	51	50	36	2
3	48	49	57	59	55	39	48	49	58	56	54	38	3
4	51	53	62	65	59	42	51	53	63	61	58	40	4
5	55	57	67	72	64	44	54	57	69	66	63	42	5
6	58	61	72	78	68	46	57	61	74	71	67	44	6
7	61	64	77	85	73	49	60	65	79	76	71	47	7
8	64	68	82	91	77	51	63	69	84	81	75	49	8
9	67	72	87	97	82	53	66	73	89	86	80	51	9
10	70	76	92	104	86	56	69	77	94	91	84	53	10
11	73	80	97	110	91	58	72	81	99	96	88	55	11
12	77	84	102	117	95	60	75	85	105	101	93	57	12
13	80	87	107	123	100	63	78	88	110	106	97	59	13
14	83	91	113	129	104	65	81	92	115	112	101	62	14
15	86	95	118	136	109	67	84	96	120	117	105	64	15
16	89	99	123	142	113	70	87	100	125	122	110	66	16
17	92	103	128	149	118	72	90	104	130	127	114	68	17
18	95	107	133	155	123	74	93	108	136	132	118	70	18
19	99			161	127	76	96			137	123	72	19
20	102			168	132	79	99			142	127	74	20
21	105			174	136	81	102			147	131	77	21
22	108			181		83	105			152		79	22
23	111			187		86	108			157		81	23
24	114			194		88	111			162		83	24
25	117			200		90	114			167		85	25
26	121			206		93	116			172		87	26
27	124			213		95	119			177		90	27
28	127						122						28
29	130						125						29
30	133						128						30

Appendix B: Parent RCADS-P T-Score Conversions for Subscales (47 item version)

RAW	Boys 9th & 10th						Girls 9th & 10th						RAW
	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	
0	35	36	41	41	41	30	38	39	43	41	42	31	0
1	38	40	45	45	46	32	41	42	47	46	46	33	1
2	41	44	48	49	52	35	44	45	50	51	50	36	2
3	44	47	51	53	57	37	47	48	54	55	54	38	3
4	47	51	55	58	62	40	50	52	58	60	58	40	4
5	49	55	58	62	68	42	53	55	62	65	62	42	5
6	52	58	61	66	73	44	56	58	66	70	66	44	6
7	55	62	65	71	78	47	59	62	70	74	70	46	7
8	58	66	68	75	83	49	62	65	74	79	74	48	8
9	61	69	71	79	89	51	65	68	78	84	78	50	9
10	64	73	74	83	94	54	69	72	82	88	82	52	10
11	66	76	78	88	99	56	72	75	85	93	87	55	11
12	69	80	81	92	105	59	75	78	89	98	91	57	12
13	72	84	84	96	110	61	78	82	93	102	95	59	13
14	75	87	88	100	115	63	81	85	97	107	99	61	14
15	78	91	91	105	120	66	84	88	101	112	103	63	15
16	81	95	94	109	126	68	87	92	105	117	107	65	16
17	84	98	98	113	131	71	90	95	109	121	111	67	17
18	86	102	101	118	136	73	93	98	113	126	115	69	18
19	89			122	142	75	96			131	119	72	19
20	92			126	147	78	99			135	123	74	20
21	95			130	152	80	102			140	127	76	21
22	98			135		82	105			145		78	22
23	101			139		85	109			149		80	23
24	104			143		87	112			154		82	24
25	106			147		90	115			159		84	25
26	109			152		92	118			163		86	26
27	112			156		94	121			168		88	27
28	115						124						28
29	118						127						29
30	121						130						30



Appendix B: Parent RCADS-P T-Score Conversions for Subscales (47 item version)

RAW	Boys 11th & 12th						Girls 11th & 12th						RAW
	MDD	GAD	OCD	PD	SAD	SP	MDD	GAD	OCD	PD	SAD	SP	
0	40	37	44	41	43	30	35	34	42	41	40	31	0
1	42	41	49	47	49	33	38	38	47	45	45	33	1
2	45	45	55	53	55	36	41	42	51	50	50	36	2
3	48	49	60	59	62	38	44	47	55	54	55	38	3
4	50	53	65	65	68	41	47	51	59	59	61	40	4
5	53	57	70	71	75	44	50	55	64	63	66	42	5
6	55	61	75	77	81	46	53	60	68	67	71	45	6
7	58	65	80	83	88	49	57	64	72	72	76	47	7
8	60	69	85	88	94	52	60	69	76	76	81	49	8
9	63	73	90	94	101	55	63	73	81	81	86	51	9
10	66	77	95	100	107	57	66	77	85	85	91	54	10
11	68	81	100	106	114	60	69	82	89	89	96	56	11
12	71	85	106	112	120	63	72	86	94	94	101	58	12
13	73	89	111	118	126	65	76	91	98	98	106	61	13
14	76	93	116	124	133	68	79	95	102	103	111	63	14
15	79	97	121	130	139	71	82	99	106	107	116	65	15
16	81	101	126	136	146	74	85	104	111	111	121	67	16
17	84	105	131	142	152	76	88	108	115	116	126	70	17
18	86	109	136	148	159	79	91	112	119	120	131	72	18
19	89			154	165	82	94			125	136	74	19
20	91			159	172	84	98			129	141	77	20
21	94			165	178	87	101			134	146	79	21
22	97			171		90	104			138		81	22
23	99			177		92	107			142		83	23
24	102			183		95	110			147		86	24
25	104			189		98	113			151		88	25
26	107			195		101	117			156		90	26
27	109			201		103	120			160		93	27
28	112						123						28
29	115						126						29
30	117						129						30

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<36	<34	<34	<33	<37	<34	<35	<34	<13
13	36	34	34	33	37	34	35	34	13
14	37	34	35	33	38	35	36	34	14
15	38	35	35	34	39	36	36	35	15
16	38	35	36	34	39	36	37	35	16
17	39	36	36	35	40	37	38	36	17
18	40	37	37	35	41	38	38	36	18
19	40	37	38	36	42	38	39	37	19
20	41	38	38	36	42	39	39	37	20
21	42	38	39	37	43	40	40	38	21
22	42	39	39	37	44	40	41	38	22
23	43	39	40	38	45	41	41	39	23
24	44	40	41	38	46	42	42	39	24
25	45	41	41	39	46	42	43	40	25
26	45	41	42	39	47	43	43	40	26
27	46	42	42	40	48	44	44	41	27
28	47	42	43	40	49	44	44	41	28
29	47	43	43	40	49	45	45	42	29
30	48	44	44	41	50	45	46	42	30
31	49	44	45	41	51	46	46	43	31
32	49	45	45	42	52	47	47	43	32
33	50	45	46	42	52	47	47	44	33
34	51	46	46	43	53	48	48	44	34
35	51	46	47	43	54	49	49	45	35
36	52	47	47	44	55	49	49	46	36
37	53	48	48	44	55	50	50	46	37
38	54	48	49	45	56	51	51	47	38
39	54	49	49	45	57	51	51	47	39
40	55	49	50	46	58	52	52	48	40
41	56	50	50	46	58	53	52	48	41
42	56	51	51	47	59	53	53	49	42
43	57	51	51	47	60	54	54	49	43
44	58	52	52	48	61	55	54	50	44
45	58	52	53	48	62	55	55	50	45
46	59	53	53	49	62	56	56	51	46
47	60	53	54	49	63	57	56	51	47
48	60	54	54	49	64	57	57	52	48
49	61	55	55	50	65	58	57	52	49

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
50	62	55	56	50	65	59	58	53	50
51	63	56	56	51	66	59	59	53	51
52	63	56	57	51	67	60	59	54	52
53	64	57	57	52	68	60	60	54	53
54	65	58	58	52	68	61	60	55	54
55	65	58	58	53	69	62	61	55	55
56	66	59	59	53	70	62	62	56	56
57	67	59	60	54	71	63	62	56	57
58	67	60	60	54	71	64	63	57	58
59	68	60	61	55	72	64	64	57	59
60	69	61	61	55	73	65	64	58	60
61	69	62	62	56	74	66	65	58	61
62	70	62	62	56	74	66	65	59	62
63	71	63	63	57	75	67	66	59	63
64	72	63	64	57	76	68	67	60	64
65	72	64	64	58	77	68	67	61	65
66	73	65	65	58	78	69	68	61	66
67	74	65	65	59	78	70	68	62	67
68	74	66	66	59	79	70	69	62	68
69	75	66	66	59	80	71	70	63	69
70	76	67	67	60	81	72	70	63	70
71	76	67	68	60	81	72	71	64	71
72	77	68	68	61	82	73	72	64	72
73	78	69	69	61	83	74	72	65	73
74	78	69	69	62	84	74	73	65	74
75	79	70	70	62	84	75	73	66	75
76	80	70	71	63	85	76	74	66	76
77	80	71	71	63	86	76	75	67	77
78	81	72	72	64	87	77	75	67	78
79	82	72	72	64	87	77	76	68	79
80	83	73	73	65	88	78	77	68	80
81	83	73	73	65	89	79	77	69	81
82	84	74	74	66	90	79	78	69	82
83	85	74	75	66	90	80	78	70	83
84	85	75	75	67	91	81	79	70	84
85	86	76	76	67	92	81	80	71	85
86	87	76	76	68	93	82	80	71	86
87	87	77	77	68	94	83	81	72	87

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
88	88	77	77	68	94	83	81	72	88
89	89	78	78	69	95	84	82	73	89
90	89	79	79	69	96	85	83	73	90
91	90	79	79	70	97	85	83	74	91
92	91	80	80	70	97	86	84	74	92
93	92	80	80	71	98	87	85	75	93
94	92	81	81	71	99	87	85	76	94
95	93	81	82	72	100	88	86	76	95
96	94	82	82	72	100	89	86	77	96
97	94	83	83	73	101	89	87	77	97
98	95	83	83	73	102	90	88	78	98
99	96	84	84	74	103	91	88	78	99
100	96	84	84	74	103	91	89	79	100
101	97	85	85	75	104	92	90	79	101
102	98	86	86	75	105	92	90	80	102
103	98	86	86	76	106	93	91	80	103
104	99	87	87	76	106	94	91	81	104
105	100	87	87	77	107	94	92	81	105
106	101	88	88	77	108	95	93	82	106
107	101	88	88	78	109	96	93	82	107
108	102	89	89	78	110	96	94	83	108
109	103	90	90	78	110	97	94	83	109
110	103	90	90	79	111	98	95	84	110
111	104	91	91	79	112	98	96	84	111
112		91		80		99		85	112
>112		>91		>80		>99		>85	>112

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<38	<35	<35	<33	<37	<34	<37	<34	<13
13	38	35	35	33	37	34	37	34	13
14	39	36	36	34	38	35	37	34	14
15	40	37	37	34	38	35	38	35	15
16	40	37	37	35	39	36	39	36	16
17	41	38	38	35	40	37	40	36	17
18	42	39	39	36	41	37	41	37	18
19	43	39	40	37	42	38	41	38	19
20	43	40	40	37	42	39	42	38	20
21	44	41	41	38	43	39	43	39	21
22	45	41	42	38	44	40	44	40	22
23	46	42	42	39	45	41	44	40	23
24	46	43	43	40	45	41	45	41	24
25	47	43	44	40	46	42	46	42	25
26	48	44	45	41	47	43	47	42	26
27	49	45	45	41	48	43	48	43	27
28	50	45	46	42	49	44	48	44	28
29	50	46	47	43	49	45	49	44	29
30	51	47	47	43	50	45	50	45	30
31	52	47	48	44	51	46	51	46	31
32	53	48	49	44	52	47	52	46	32
33	53	48	50	45	53	47	52	47	33
34	54	49	50	46	53	48	53	48	34
35	55	50	51	46	54	49	54	48	35
36	56	50	52	47	55	49	55	49	36
37	56	51	52	47	56	50	55	50	37
38	57	52	53	48	56	50	56	50	38
39	58	52	54	49	57	51	57	51	39
40	59	53	55	49	58	52	58	52	40
41	59	54	55	50	59	52	59	52	41
42	60	54	56	50	60	53	59	53	42
43	61	55	57	51	60	54	60	54	43
44	62	56	58	52	61	54	61	54	44
45	63	56	58	52	62	55	62	55	45
46	63	57	59	53	63	56	63	56	46
47	64	58	60	53	63	56	63	56	47
48	65	58	60	54	64	57	64	57	48

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
49	66	59	61	55	65	58	65	58	49
50	66	60	62	55	66	58	66	58	50
51	67	60	63	56	67	59	66	59	51
52	68	61	63	56	67	60	67	60	52
53	69	62	64	57	68	60	68	60	53
54	69	62	65	58	69	61	69	61	54
55	70	63	65	58	70	62	70	62	55
56	71	63	66	59	71	62	70	62	56
57	72	64	67	59	71	63	71	63	57
58	72	65	68	60	72	64	72	64	58
59	73	65	68	61	73	64	73	64	59
60	74	66	69	61	74	65	74	65	60
61	75	67	70	62	74	65	74	66	61
62	75	67	70	62	75	66	75	66	62
63	76	68	71	63	76	67	76	67	63
64	77	69	72	64	77	67	77	68	64
65	78	69	73	64	78	68	77	68	65
66	79	70	73	65	78	69	78	69	66
67	79	71	74	65	79	69	79	70	67
68	80	71	75	66	80	70	80	70	68
69	81	72	75	67	81	71	81	71	69
70	82	73	76	67	81	71	81	72	70
71	82	73	77	68	82	72	82	72	71
72	83	74	78	68	83	73	83	73	72
73	84	75	78	69	84	73	84	74	73
74	85	75	79	70	85	74	84	74	74
75	85	76	80	70	85	75	85	75	75
76	86	77	80	71	86	75	86	76	76
77	87	77	81	71	87	76	87	76	77
78	88	78	82	72	88	77	88	77	78
79	88	79	83	73	89	77	88	78	79
80	89	79	83	73	89	78	89	78	80
81	90	80	84	74	90	79	90	79	81
82	91	80	85	74	91	79	91	80	82
83	92	81	85	75	92	80	92	80	83
84	92	82	86	76	92	81	92	81	84
85	93	82	87	76	93	81	93	82	85
86	94	83	88	77	94	82	94	82	86

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
87	95	84	88	77	95	82	95	83	87
88	95	84	89	78	96	83	95	84	88
89	96	85	90	79	96	84	96	84	89
90	97	86	91	79	97	84	97	85	90
91	98	86	91	80	98	85	98	86	91
92	98	87	92	80	99	86	99	86	92
93	99	88	93	81	99	86	99	87	93
94	100	88	93	82	100	87	100	88	94
95	101	89	94	82	101	88	101	88	95
96	101	90	95	83	102	88	102	89	96
97	102	90	96	83	103	89	103	90	97
98	103	91	96	84	103	90	103	90	98
99	104	92	97	85	104	90	104	91	99
100	105	92	98	85	105	91	105	92	100
101	105	93	98	86	106	92	106	92	101
102	106	94	99	86	107	92	106	93	102
103	107	94	100	87	107	93	107	94	103
104	108	95	101	88	108	94	108	94	104
105	108	95	101	88	109	94	109	95	105
106	109	96	102	89	110	95	110	96	106
107	110	97	103	89	110	96	110	96	107
108	111	97	103	90	111	96	111	97	108
109	111	98	104	91	112	97	112	98	109
110	112	99	105	91	113	97	113	98	110
111	113	99	106	92	114	98	113	99	111
112		100		92		99		100	112
>112		>100		>92		>99		>100	>112

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<37	<35	<35	<33	<13
13	37	35	35	33	13
14	38	35	36	33	14
15	39	36	37	34	15
16	40	37	37	35	16
17	41	37	38	35	17
18	41	38	39	36	18
19	42	39	39	36	19
20	43	39	40	37	20
21	44	40	41	37	21
22	45	41	41	38	22
23	46	41	42	38	23
24	46	42	43	39	24
25	47	43	43	39	25
26	48	43	44	40	26
27	49	44	45	41	27
28	50	45	45	41	28
29	51	46	46	42	29
30	51	46	47	42	30
31	52	47	47	43	31
32	53	48	48	43	32
33	54	48	49	44	33
34	55	49	49	44	34
35	56	50	50	45	35
36	56	50	51	45	36
37	57	51	51	46	37
38	58	52	52	47	38
39	59	52	53	47	39
40	60	53	53	48	40
41	61	54	54	48	41
42	61	54	55	49	42
43	62	55	55	49	43
44	63	56	56	50	44
45	64	57	57	50	45
46	65	57	57	51	46
47	66	58	58	52	47
48	66	59	59	52	48



Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
49	67	59	59	53	49
50	68	60	60	53	50
51	69	61	61	54	51
52	70	61	61	54	52
53	71	62	62	55	53
54	71	63	63	55	54
55	72	63	63	56	55
56	73	64	64	56	56
57	74	65	65	57	57
58	75	65	65	58	58
59	76	66	66	58	59
60	76	67	67	59	60
61	77	68	67	59	61
62	78	68	68	60	62
63	79	69	69	60	63
64	80	70	70	61	64
65	81	70	70	61	65
66	81	71	71	62	66
67	82	72	72	62	67
68	83	72	72	63	68
69	84	73	73	64	69
70	85	74	74	64	70
71	86	74	74	65	71
72	86	75	75	65	72
73	87	76	76	66	73
74	88	76	76	66	74
75	89	77	77	67	75
76	90	78	78	67	76
77	91	79	78	68	77
78	91	79	79	68	78
79	92	80	80	69	79
80	93	81	80	70	80
81	94	81	81	70	81
82	95	82	82	71	82
83	96	83	82	71	83
84	96	83	83	72	84
85	97	84	84	72	85
86	98	85	84	73	86

Appendix C: Child RCADS T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
87	99	85	85	73	87
88	100	86	86	74	88
89	101	87	86	74	89
90	101	87	87	75	90
91	102	88	88	76	91
92	103	89	88	76	92
93	104	90	89	77	93
94	105	90	90	77	94
95	106	91	90	78	95
96	106	92	91	78	96
97	107	92	92	79	97
98	108	93	92	79	98
99	109	94	93	80	99
100	110	94	94	80	100
101	111	95	94	81	101
102	111	96	95	82	102
103	112	96	96	82	103
104	113	97	96	83	104
105	114	98	97	83	105
106	115	99	98	84	106
107	116	99	98	84	107
108	116	100	99	85	108
109	117	101	100	85	109
110	118	101	100	86	110
111	119	102	101	87	111
112		103		87	112
>112		>103		>87	>112

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<43	<41	<44	<43	<45	<43	<44	<43	<13
13	43	41	44	43	45	43	44	43	13
14	44	42	45	44	46	44	45	44	14
15	45	42	46	44	47	44	46	44	15
16	45	43	47	45	48	45	47	45	16
17	46	44	47	46	49	46	47	45	17
18	47	45	48	46	50	47	48	46	18
19	48	46	49	47	51	48	49	47	19
20	49	46	50	48	52	49	50	47	20
21	50	47	51	48	53	50	50	48	21
22	51	48	52	49	54	50	51	49	22
23	52	49	52	50	55	51	52	49	23
24	53	50	53	50	56	52	53	50	24
25	54	50	54	51	57	53	54	51	25
26	55	51	55	52	58	54	54	51	26
27	56	52	56	53	59	55	55	52	27
28	57	53	57	53	60	55	56	52	28
29	58	54	57	54	61	56	57	53	29
30	59	54	58	55	62	57	57	54	30
31	60	55	59	55	63	58	58	54	31
32	61	56	60	56	64	59	59	55	32
33	62	57	61	57	65	60	60	56	33
34	63	58	62	57	66	60	61	56	34
35	64	58	62	58	67	61	61	57	35
36	64	59	63	59	68	62	62	57	36
37	65	60	64	59	69	63	63	58	37
38	66	61	65	60	70	64	64	59	38
39	67	62	66	61	71	65	64	59	39
40	68	63	67	61	72	65	65	60	40
41	69	63	67	62	73	66	66	61	41
42	70	64	68	63	74	67	67	61	42
43	71	65	69	63	75	68	68	62	43
44	72	66	70	64	76	69	68	63	44
45	73	67	71	65	77	70	69	63	45
46	74	67	72	66	79	71	70	64	46
47	75	68	72	66	80	71	71	64	47
48	76	69	73	67	81	72	71	65	48
49	77	70	74	68	82	73	72	66	49

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
50	78	71	75	68	83	74	73	66	50
51	79	71	76	69	84	75	74	67	51
52	80	72	77	70	85	76	75	68	52
53	81	73	78	70	86	76	75	68	53
54	82	74	78	71	87	77	76	69	54
55	83	75	79	72	88	78	77	70	55
56	83	75	80	72	89	79	78	70	56
57	84	76	81	73	90	80	78	71	57
58	85	77	82	74	91	81	79	71	58
59	86	78	83	74	92	81	80	72	59
60	87	79	83	75	93	82	81	73	60
61	88	79	84	76	94	83	81	73	61
62	89	80	85	77	95	84	82	74	62
63	90	81	86	77	96	85	83	75	63
64	91	82	87	78	97	86	84	75	64
65	92	83	88	79	98	86	85	76	65
66	93	84	88	79	99	87	85	76	66
67	94	84	89	80	100	88	86	77	67
68	95	85	90	81	101	89	87	78	68
69	96	86	91	81	102	90	88	78	69
70	97	87	92	82	103	91	88	79	70
71	98	88	93	83	104	92	89	80	71
72	99	88	93	83	105	92	90	80	72
73	100	89	94	84	106	93	91	81	73
74	101	90	95	85	107	94	92	82	74
75	102	91	96	85	108	95	92	82	75
76	102	92	97	86	109	96	93	83	76
77	103	92	98	87	110	97	94	83	77
78	104	93	98	88	111	97	95	84	78
79	105	94	99	88	112	98	95	85	79
80	106	95	100	89	113	99	96	85	80
81	107	96	101	90	114	100	97	86	81
82	108	96	102	90	115	101	98	87	82
83	109	97	103	91	116	102	99	87	83
84	110	98	103	92	117	102	99	88	84
85	111	99	104	92	118	103	100	88	85
86	112	100	105	93	119	104	101	89	86
87	113	100	106	94	120	105	102	90	87

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 3 <sup>rd</sup> & 4 <sup>th</sup>		Girls 3 <sup>rd</sup> & 4 <sup>th</sup>		Boys 5 <sup>th</sup> & 6 <sup>th</sup>		Girls 5 <sup>th</sup> & 6 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
88	114	101	107	94	121	106	102	90	88
89	115	102	108	95	122	107	103	91	89
90	116	103	108	96	123	108	104	92	90
91	117	104	109	96	124	108	105	92	91
92	118	104	110	97	125	109	106	93	92
93	119	105	111	98	126	110	106	94	93
94	120	106	112	98	127	111	107	94	94
95	121	107	113	99	128	112	108	95	95
96	122	108	113	100	129	113	109	95	96
97	122	109	114	101	130	113	109	96	97
98	123	109	115	101	131	114	110	97	98
99	124	110	116	102	132	115	111	97	99
100	125	111	117	103	133	116	112	98	100
101	126	112	118	103	134	117	113	99	101
102	127	113	118	104	135	118	113	99	102
103	128	113	119	105	136	118	114	100	103
104	129	114	120	105	137	119	115	100	104
105	130	115	121	106	138	120	116	101	105
106	131	116	122	107	139	121	116	102	106
107	132	117	123	107	140	122	117	102	107
108	133	117	123	108	142	123	118	103	108
109	134	118	124	109	143	123	119	104	109
110	135	119	125	109	144	124	120	104	110
111	136	120	126	110	145	125	120	105	111
112		121		111		126		106	112
>112		>121		>111		>126		>106	>112

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<47	<45	<46	<44	<45	<42	<46	<44	<13
13	47	45	46	44	45	42	46	44	13
14	48	45	47	45	46	42	47	45	14
15	49	46	48	46	47	43	48	45	15
16	50	47	49	46	48	44	48	46	16
17	51	48	50	47	49	45	49	47	17
18	52	49	51	48	49	45	50	47	18
19	53	50	52	49	50	46	51	48	19
20	54	50	53	49	51	47	52	49	20
21	55	51	54	50	52	48	53	49	21
22	56	52	55	51	53	49	53	50	22
23	57	53	55	52	54	49	54	51	23
24	58	54	56	52	55	50	55	51	24
25	59	55	57	53	56	51	56	52	25
26	60	55	58	54	57	52	57	53	26
27	61	56	59	55	58	53	57	54	27
28	62	57	60	55	59	53	58	54	28
29	63	58	61	56	60	54	59	55	29
30	64	59	62	57	61	55	60	56	30
31	65	60	63	58	62	56	61	56	31
32	66	60	64	59	63	56	62	57	32
33	67	61	65	59	64	57	62	58	33
34	68	62	66	60	65	58	63	58	34
35	69	63	67	61	65	59	64	59	35
36	70	64	68	62	66	60	65	60	36
37	72	65	69	62	67	60	66	61	37
38	73	65	70	63	68	61	67	61	38
39	74	66	71	64	69	62	67	62	39
40	75	67	71	65	70	63	68	63	40
41	76	68	72	65	71	64	69	63	41
42	77	69	73	66	72	64	70	64	42
43	78	70	74	67	73	65	71	65	43
44	79	70	75	68	74	66	71	65	44
45	80	71	76	68	75	67	72	66	45
46	81	72	77	69	76	67	73	67	46
47	82	73	78	70	77	68	74	67	47
48	83	74	79	71	78	69	75	68	48
49	84	75	80	71	79	70	76	69	49

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
50	85	75	81	72	80	71	76	70	50
51	86	76	82	73	81	71	77	70	51
52	87	77	83	74	82	72	78	71	52
53	88	78	84	74	82	73	79	72	53
54	89	79	85	75	83	74	80	72	54
55	90	80	86	76	84	75	81	73	55
56	91	80	87	77	85	75	81	74	56
57	92	81	87	77	86	76	82	74	57
58	93	82	88	78	87	77	83	75	58
59	94	83	89	79	88	78	84	76	59
60	95	84	90	80	89	78	85	76	60
61	96	85	91	80	90	79	85	77	61
62	97	85	92	81	91	80	86	78	62
63	98	86	93	82	92	81	87	79	63
64	99	87	94	83	93	82	88	79	64
65	100	88	95	84	94	82	89	80	65
66	101	89	96	84	95	83	90	81	66
67	102	90	97	85	96	84	90	81	67
68	103	90	98	86	97	85	91	82	68
69	104	91	99	87	98	86	92	83	69
70	105	92	100	87	98	86	93	83	70
71	106	93	101	88	99	87	94	84	71
72	107	94	102	89	100	88	95	85	72
73	108	95	103	90	101	89	95	86	73
74	110	95	103	90	102	89	96	86	74
75	111	96	104	91	103	90	97	87	75
76	112	97	105	92	104	91	98	88	76
77	113	98	106	93	105	92	99	88	77
78	114	99	107	93	106	93	99	89	78
79	115	100	108	94	107	93	100	90	79
80	116	100	109	95	108	94	101	90	80
81	117	101	110	96	109	95	102	91	81
82	118	102	111	96	110	96	103	92	82
83	119	103	112	97	111	97	104	92	83
84	120	104	113	98	112	97	104	93	84
85	121	105	114	99	113	98	105	94	85
86	122	105	115	99	114	99	106	95	86
87	123	106	116	100	115	100	107	95	87

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 7 <sup>th</sup> & 8 <sup>th</sup>		Girls 7 <sup>th</sup> & 8 <sup>th</sup>		Boys 9 <sup>th</sup> & 10 <sup>th</sup>		Girls 9 <sup>th</sup> & 10 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	Anxiety	Anx Dep	
88	124	107	117	101	115	100	108	96	88
89	125	108	118	102	116	101	109	97	89
90	126	109	119	102	117	102	109	97	90
91	127	110	119	103	118	103	110	98	91
92	128	110	120	104	119	104	111	99	92
93	129	111	121	105	120	104	112	99	93
94	130	112	122	105	121	105	113	100	94
95	131	113	123	106	122	106	113	101	95
96	132	114	124	107	123	107	114	102	96
97	133	115	125	108	124	108	115	102	97
98	134	115	126	109	125	108	116	103	98
99	135	116	127	109	126	109	117	104	99
100	136	117	128	110	127	110	118	104	100
101	137	118	129	111	128	111	118	105	101
102	138	119	130	112	129	111	119	106	102
103	139	120	131	112	130	112	120	106	103
104	140	120	132	113	131	113	121	107	104
105	141	121	133	114	131	114	122	108	105
106	142	122	134	115	132	115	123	108	106
107	143	123	135	115	133	115	123	109	107
108	144	124	135	116	134	116	124	110	108
109	145	125	136	117	135	117	125	111	109
110	146	125	137	118	136	118	126	111	110
111	147	126	138	118	137	119	127	112	111
112		127		119		119		113	112
>112		>127		>119		>119		>113	>112



Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
<13	<49	<46	<45	<42	<13
13	49	46	45	42	13
14	50	47	46	43	14
15	51	47	47	44	15
16	52	48	48	45	16
17	53	49	49	46	17
18	54	50	50	46	18
19	55	51	51	47	19
20	56	51	52	48	20
21	57	52	53	49	21
22	58	53	54	49	22
23	59	54	55	50	23
24	60	55	56	51	24
25	61	55	57	52	25
26	62	56	58	52	26
27	63	57	59	53	27
28	64	58	60	54	28
29	65	58	61	55	29
30	66	59	61	56	30
31	67	60	62	56	31
32	68	61	63	57	32
33	69	62	64	58	33
34	71	62	65	59	34
35	72	63	66	59	35
36	73	64	67	60	36
37	74	65	68	61	37
38	75	66	69	62	38
39	76	66	70	63	39
40	77	67	71	63	40
41	78	68	72	64	41
42	79	69	73	65	42
43	80	69	74	66	43
44	81	70	75	66	44
45	82	71	76	67	45
46	83	72	77	68	46
47	84	73	78	69	47
48	85	73	79	70	48
49	86	74	80	70	49

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
50	87	75	80	71	50
51	88	76	81	72	51
52	89	77	82	73	52
53	90	77	83	73	53
54	91	78	84	74	54
55	92	79	85	75	55
56	93	80	86	76	56
57	94	81	87	76	57
58	96	81	88	77	58
59	97	82	89	78	59
60	98	83	90	79	60
61	99	84	91	80	61
62	100	84	92	80	62
63	101	85	93	81	63
64	102	86	94	82	64
65	103	87	95	83	65
66	104	88	96	83	66
67	105	88	97	84	67
68	106	89	98	85	68
69	107	90	99	86	69
70	108	91	99	87	70
71	109	92	100	87	71
72	110	92	101	88	72
73	111	93	102	89	73
74	112	94	103	90	74
75	113	95	104	90	75
76	114	95	105	91	76
77	115	96	106	92	77
78	116	97	107	93	78
79	117	98	108	94	79
80	118	99	109	94	80
81	119	99	110	95	81
82	121	100	111	96	82
83	122	101	112	97	83
84	123	102	113	97	84
85	124	103	114	98	85
86	125	103	115	99	86
87	126	104	116	100	87

Appendix D: Parent RCADS-P T-Score Conversions for Total Scores (47 item version)

RAW	Boys 11 <sup>th</sup> & 12 <sup>th</sup>		Girls 11 <sup>th</sup> & 12 <sup>th</sup>		RAW
	Anxiety	Anx Dep	Anxiety	Anx Dep	
88	127	105	117	101	88
89	128	106	117	101	89
90	129	107	118	102	90
91	130	107	119	103	91
92	131	108	120	104	92
93	132	109	121	104	93
94	133	110	122	105	94
95	134	110	123	106	95
96	135	111	124	107	96
97	136	112	125	107	97
98	137	113	126	108	98
99	138	114	127	109	99
100	139	114	128	110	100
101	140	115	129	111	101
102	141	116	130	111	102
103	142	117	131	112	103
104	143	118	132	113	104
105	144	118	133	114	105
106	146	119	134	114	106
107	147	120	135	115	107
108	148	121	136	116	108
109	149	121	136	117	109
110	150	122	137	118	110
111	151	123	138	118	111
112		124		119	112
>112		>124		>119	>112