

Table S1. Item discrimination parameters by age and rater (Study 1).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	1.39	2.41	1.70	2.82	1.57	3.11	2.42	2.95	1.80	2.88	2.40	2.48	1.89	3.63	1.65	2.46	1.96	3.69
6	Defiant		x		2.67		2.75		2.91		2.38		3.31		3.19		3.42		2.67		3.55
7	Braggs	x	x	0.88	1.73	0.98	1.66	1.00	1.43	1.08	1.46	1.23	1.76	1.59	1.85	1.47	1.99	1.09	1.55	1.47	2.24
16	Mean to others	x	x	1.71	2.82	1.54	3.14	1.66	2.64	1.85	2.91	2.06	3.35	1.92	2.87	1.98	3.62	1.75	2.21	2.34	3.26
19	Demands attention	x	x	1.36	2.08	1.53	2.13	1.26	1.97	1.71	1.92	1.39	2.18	1.45	1.98	1.50	2.38	1.59	1.54	1.67	3.18
20	Destroys own things	x	x	1.28	2.45	1.31	1.89	1.72	1.42	1.99	1.65	2.13	2.11	1.57	2.61	1.45	2.54	1.46	1.38	2.33	1.77
21	Destroys others' things	x	x	1.24	2.96	1.53	2.37	1.88	2.20	2.14	2.91	2.38	2.59	2.04	2.68	1.78	3.00	1.54	1.93	3.11	2.19
22	Disobedient at home	x		1.68		1.89		1.56		2.13		1.87		2.01		2.34		1.62		2.01	
23	Disobedient at school	x	x	0.83	3.63	1.26	3.23	1.28	3.25	2.01	3.67	1.79	3.85	1.30	3.67	1.88	3.76	1.66	3.39	1.92	3.76
24	Disturbs others		x		3.65		3.17		2.77		3.11		3.01		3.42		3.73		3.25		4.19
26	Lacks guilt	x	x	1.08	2.40	1.51	2.23	1.46	2.35	2.09	2.96	1.45	3.43	1.39	2.27	1.53	3.32	1.20	2.35	1.41	3.03
27	Jealous	x	x	1.32	1.56	1.44	1.99	1.05	1.73	1.64	1.25	1.61	1.72	1.25	1.36	1.38	1.82	1.56	1.54	1.53	2.01
37	Fights	x	x	1.29	3.14	1.59	2.42	1.39	2.49	1.33	2.74	1.68	2.71	1.85	2.13	1.78	2.75	1.59	2.09	1.65	2.21
39	Bad companions	x	x	1.23	1.98	1.34	2.01	1.19	1.54	1.12	1.58	1.85	2.15	1.30	1.58	1.32	1.94	1.35	1.44	1.39	2.13
43	Lies (and cheats)	x	x	1.42	2.37	1.43	1.82	1.71	2.17	2.26	1.87	2.39	2.44	1.78	1.57	1.96	2.54	1.99	1.52	2.27	2.70
53	Talks out of turn		x		2.41		2.61		2.36		2.13		2.39		2.18		2.91		2.29		3.54
57	Attacks people	x	x	1.84	2.93	1.64	2.06	1.54	1.92	1.68	2.74	1.77	2.54	1.51	3.01	1.83	3.10	1.83	3.14	2.13	2.19
63	Prefers older kids	x	x	0.51	0.68	0.73	0.42	0.64	0.41	0.57	0.68	0.73	0.69	0.77	0.64	0.85	0.85	0.84	0.81	0.72	0.59
67	Runs away	x		1.06		2.26		0.74		0.82		1.36		1.23		1.09		1.96		1.38	
67	Disrupts class		x		3.38		3.38		3.20		3.14		3.73		3.30		4.00		2.73		4.14
68	Screams	x	x	1.73	2.56	1.31	1.75	1.63	3.65	1.87	2.37	1.54	2.37	2.04	2.89	1.88	3.14	1.43	2.35	1.92	2.08
72	Sets fires	x		1.33		1.47		0.96		0.54		1.56		1.06		1.62		1.31		2.00	
72	Messy work		x		0.90		0.96		0.75		0.88		1.13		0.89		1.01		0.91		1.08
74	Shows off	x	x	1.34	2.38	1.57	2.33	1.52	2.09	1.96	2.01	1.62	1.95	1.83	2.11	1.27	3.02	1.32	2.01	1.60	2.95
76	Explosive		x		2.60		2.98		1.96		3.26		2.69		2.98		3.55		2.81		3.06
77	Easily frustrated		x		1.86		2.14		1.86		1.64		2.18		2.12		2.62		1.90		3.09
81	Steals at home	x		0.98		1.38		1.16		1.56		1.77		1.86		1.62		2.00		2.01	
82	Steals outside home	x	x	0.72	2.46	2.65	1.71	1.21	1.95	1.34	2.00	1.74	1.93	1.53	1.68	0.91	2.26	2.60	1.30	2.20	1.29
86	Stubborn, irritable	x	x	1.66	1.89	1.80	1.93	1.52	2.33	1.95	2.03	1.62	2.53	2.03	2.03	2.20	2.59	1.78	1.81	1.74	2.11
87	Sudden mood changes	x	x	1.64	1.42	1.57	1.65	1.77	1.79	1.50	1.92	1.14	2.18	1.80	1.79	1.90	2.66	1.17	1.85	1.69	1.85
90	Swearing, obscenity	x	x	1.48	2.51	1.26	1.94	1.91	2.19	1.56	2.12	1.78	2.59	2.04	1.90	1.66	3.49	2.03	2.40	1.31	2.32
93	Talks too much	x	x	1.19	1.99	1.20	2.14	1.30	2.02	1.45	1.59	1.15	2.00	0.99	1.89	0.91	2.92	0.89	2.12	1.26	3.11
94	Teases	x	x	1.31	2.30	1.34	2.70	1.34	1.94	1.83	2.13	1.53	2.60	1.52	1.99	1.30	3.27	1.42	1.96	1.80	2.52
95	Temper tantrums	x	x	1.85	3.04	2.11	2.70	1.85	2.18	2.26	2.48	2.00	2.60	2.32	2.69	2.38	3.24	2.31	3.44	2.39	2.59
96	Thinks about sex too much	x		0.83		1.37		1.20		1.36		1.23		1.48		1.46		1.41		1.63	
97	Threatens others	x	x	2.50	3.38	1.89	2.82	2.34	2.68	2.03	2.82	2.35	2.93	4.01	2.75	2.83	3.33	2.16	2.83	2.23	2.52
98	Tardy		x		0.51		0.47		0.39		0.45		0.31		0.46		1.12		1.19		1.23
101	Truancy	x	x	a	0.25	1.74	0.40	1.93	0.90	0.70	0.62	1.77	0.62	2.10	0.77	1.77	0.54	1.10	1.04	1.55	0.64
104	Loud	x	x	1.84	2.60	1.43	2.57	1.68	2.22	2.15	2.11	1.46	2.39	1.99	2.03	1.69	3.46	1.72	2.56	2.14	3.09
105	Alcohol, drugs	x	x	0.87	a	a	1.37	16.12	a	a	-0.12	a	1.50	a	a	1.29	2.32	17.63	1.17	1.30	0.57
106	Vandalism	x		3.28		3.30		2.13		3.34		2.23		1.18		2.31		3.30		a	

a = no variability or not enough variability for convergence

M = mother-reported

T = teacher-reported

Table S2. Item severity (b1) parameters by age and rater (Study 1).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	-1.44	0.71	-1.28	0.91	-1.16	0.80	-0.90	0.71	-1.05	0.45	-1.13	0.61	-0.93	0.15	-0.88	0.81	-0.95	0.19
6	Defiant		x		1.43		1.45		1.40		1.47		0.90		0.97		0.54		1.20		0.35
7	Brags	x	x	-0.39	1.39	-0.23	1.62	-0.21	1.39	0.12	1.41	-0.15	1.14	-0.15	1.25	-0.07	0.74	-0.08	1.75	-0.15	0.71
16	Mean to others	x	x	0.98	1.30	1.15	1.55	1.28	1.39	1.62	1.42	1.11	0.93	1.11	1.18	1.17	0.71	1.29	1.74	1.09	0.70
19	Demands attention	x	x	-0.65	0.74	-0.39	0.80	-0.07	0.83	0.22	0.86	0.06	0.73	-0.07	0.96	0.11	0.51	0.05	1.18	-0.01	0.27
20	Destroys own things	x	x	1.01	2.18	1.32	2.25	1.36	2.63	1.58	2.45	1.54	2.28	1.68	2.29	1.96	1.80	2.27	4.24	1.62	1.91
21	Destroys others' things	x	x	1.38	1.82	1.51	2.05	1.46	2.17	1.68	2.28	1.53	1.76	1.59	2.09	1.88	1.57	2.30	2.92	1.48	1.55
22	Disobedient at home	x		-0.75		-0.45		-0.42		0.01		-0.15		-0.28		-0.07		-0.02		-0.35	
23	Disobedient at school	x	x	1.66	0.82	1.12	1.03	1.02	0.93	1.18	1.01	0.92	0.76	1.19	0.89	0.98	0.49	1.06	1.09	0.59	0.29
24	Disturbs others		x		0.56		0.46		0.47		0.57		0.40		0.44		0.19		0.67		0.07
26	Lacks guilt	x	x	0.39	1.10	0.68	1.15	1.01	1.20	0.96	1.20	0.93	0.72	0.64	1.06	0.91	0.59	1.10	1.38	0.52	0.36
27	Jealous	x	x	-0.24	1.86	-0.13	1.55	0.25	1.77	0.51	1.86	0.22	1.42	0.24	1.58	0.18	1.11	0.33	2.18	0.25	1.17
37	Fights	x	x	1.63	1.25	1.62	1.44	2.04	1.61	2.13	1.55	1.70	1.16	1.24	1.45	1.82	1.04	2.07	2.21	1.74	1.18
39	Bad companions	x	x	1.98	1.38	1.81	1.42	1.86	1.50	2.09	1.46	1.36	1.02	1.45	1.17	1.63	0.69	1.56	1.15	1.19	0.28
43	Lies (and cheats)	x	x	0.54	1.48	0.72	1.68	0.68	1.53	1.02	1.70	0.72	1.12	0.57	1.51	0.74	0.91	0.95	2.09	0.77	0.71
53	Talks out of turn		x		0.44		0.48		0.41		0.63		0.48		0.46		0.08		0.60		0.01
57	Attacks people	x	x	1.39	1.46	1.88	1.62	2.07	1.97	2.12	1.73	2.01	1.49	2.02	1.63	1.94	1.12	2.19	2.33	1.90	1.29
63	Prefers older kids	x	x	-1.11	2.88	-0.63	5.09	-0.22	4.59	-0.23	3.88	0.13	3.53	0.42	3.82	0.56	2.35	0.75	3.08	0.41	3.24
67	Runs away	x		3.99		2.81		6.18		5.75		4.11		4.31		4.30		3.56		3.36	
67	Disrupts class		x		0.88		0.84		0.92		1.02		0.70		0.71		0.40		0.86		0.12
68	Screams	x	x	0.91	1.97	1.38	2.49	1.21	2.33	1.48	2.85	1.24	2.16	0.78	2.40	1.27	1.52	1.41	2.63	1.18	1.69
72	Sets fires	x		3.87		3.88		5.43		10.03		4.23		4.25		3.10		3.85		3.05	
72	Messy work		x		1.07		0.63		1.12		1.16		0.71		0.91		0.65		1.14		0.81
74	Shows off	x	x	-0.85	1.03	-0.64	1.05	-0.42	0.98	0.15	1.14	-0.19	0.93	-0.23	0.91	-0.01	0.37	-0.19	1.11	-0.11	0.28
76	Explosive		x		1.70		1.60		1.99		1.84		1.50		1.65		1.11		1.96		0.82
77	Easily frustrated		x		1.44		1.41		1.58		1.65		1.24		1.36		0.61		1.58		0.49
81	Steals at home	x		3.71		2.76		3.27		2.67		2.37		2.46		2.53		2.34		2.25	
82	Steals outside home	x	x	5.32	2.21	2.19	2.57	3.34	2.44	3.15	2.55	2.79	2.11	3.23	2.65	4.56	2.07	2.45	3.74	2.43	2.85
86	Stubborn, irritable	x	x	-0.44	1.16	-0.27	1.35	-0.13	1.36	0.03	1.30	-0.02	0.96	-0.27	0.95	-0.12	0.54	-0.42	1.50	-0.36	0.56
87	Sudden mood changes	x	x	0.83	2.10	0.96	1.75	1.11	1.83	1.41	1.88	1.12	1.36	0.61	1.47	0.64	0.90	0.63	1.71	0.35	0.96
90	Swearing, obscenity	x	x	1.66	2.03	2.29	2.68	1.77	2.44	2.30	2.51	1.74	1.70	1.57	2.15	1.81	1.34	1.56	2.28	1.27	1.20
93	Talks too much	x	x	-0.40	0.61	-0.19	0.48	-0.10	0.41	0.37	0.68	0.14	0.46	0.24	0.48	0.30	0.19	0.32	0.66	0.07	0.07
94	Teases	x	x	0.73	1.70	0.75	1.66	0.90	1.71	0.97	1.53	0.87	1.07	0.48	1.47	0.75	0.62	0.46	1.39	0.37	0.68
95	Temper tantrums	x	x	0.05	1.67	0.33	1.69	0.47	2.01	0.74	1.76	0.59	1.39	0.12	1.48	0.47	0.90	0.63	1.79	0.49	0.91
96	Thinks about sex too much	x		4.52		3.00		3.50		3.21		3.37		2.59		3.08		3.14		2.46	
97	Threatens others	x	x	1.46	1.88	1.91	2.25	1.72	2.08	1.98	2.17	1.85	1.52	1.51	1.79	1.80	1.22	2.11	2.21	1.69	1.16
98	Tardy		x		5.34		5.50		6.18		5.77		7.30		5.22		2.05		2.34		1.25
101	Truancy	x	x	a	15.04	3.47	8.48	3.46	4.39	7.57	5.46	3.67	5.07	2.94	3.71	3.65	4.93	4.52	3.14	3.09	3.16
104	Loud	x	x	0.55	1.26	0.57	1.48	0.75	1.56	1.09	1.85	0.84	1.23	0.61	1.39	0.86	0.77	0.88	1.56	0.61	0.58
105	Alcohol, drugs	x	x	7.66	a	a	4.64	2.77	a	a	-44.53	a	4.61	a	a	4.82	3.11	3.07	6.09	4.07	7.69
106	Vandalism	x		2.65		2.61		3.15		3.16		3.29		4.13		3.42		3.14		a	

a = no variability or not enough variability for convergence

M = mother-reported

T = teacher-reported

Table S3. Item severity (b2) parameters by age and rater (Study 1).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	1.45	1.86	1.12	2.07	1.28	1.94	1.78	2.15	1.15	1.40	0.92	1.92	1.13	1.08	1.21	2.25	1.20	1.47
6	Defiant		x		2.43		2.49		2.36		2.71		1.75		2.06		1.64		2.47		1.22
7	Brag	x	x	3.12	2.82	2.90	3.01	3.40	2.98	2.67	3.26	2.64	2.43	2.44	2.61	2.42	2.10	3.22	3.22	3.00	1.73
16	Mean to others	x	x	3.26	2.31	3.37	2.63	3.60	2.50	3.76	2.77	2.90	1.90	3.58	2.41	3.15	1.76	3.45	3.19	2.84	1.70
19	Demands attention	x	x	1.53	1.88	1.71	1.91	2.25	2.28	1.92	2.28	2.34	1.68	2.21	2.17	2.44	1.51	2.12	2.51	2.07	0.90
20	Destroys own things	x	x	3.27	3.19	3.76	3.37	3.27	4.41	3.24	4.25	2.94	a	3.64	3.58	a	2.40	4.45	a	3.48	3.06
21	Destroys others' things	x	x	3.77	3.03	4.19	3.36	3.52	3.44	3.45	3.18	3.36	3.50	3.70	3.54	4.29	2.58	4.76	a	a	2.73
22	Disobedient at home	x		2.38		2.13		2.58		1.87		2.61		2.09		2.37		2.88		2.35	
23	Disobedient at school	x	x	5.68	1.86	3.75	2.19	3.95	2.15	3.26	2.16	2.94	1.70	3.73	2.17	3.08	1.53	3.14	2.49	2.61	1.19
24	Disturbs others		x		1.74		1.72		1.86		2.21		1.60		1.83		1.29		2.09		0.93
26	Lacks guilt	x	x	3.09	2.15	2.39	2.19	2.76	2.12	2.27	2.25	3.33	1.57	2.74	2.20	2.74	1.40	3.48	2.34	2.93	1.15
27	Jealous	x	x	1.93	3.51	2.01	2.59	3.03	3.39	2.37	3.74	2.13	3.21	3.01	3.93	2.31	2.58	2.26	3.49	2.55	2.34
37	Fights	x	x	4.19	2.28	3.68	2.51	4.59	2.82	4.21	2.66	3.44	2.31	3.95	3.08	3.31	2.16	3.53	3.44	4.31	2.26
39	Bad companions	x	x	4.55	2.48	3.71	2.36	4.19	3.16	4.92	2.84	2.78	2.22	3.81	2.69	3.99	1.88	3.78	3.03	4.07	1.76
43	Lies (and cheats)	x	x	3.41	2.60	3.43	2.84	2.95	3.02	2.69	2.99	2.55	2.26	3.11	3.43	2.79	2.07	3.14	3.77	2.68	2.04
53	Talks out of turn		x		1.45		1.64		1.69		2.01		1.58		1.77		1.08		2.04		0.78
57	Attacks people	x	x	3.13	2.49	3.30	3.06	4.25	3.29	4.43	3.32	3.91	2.49	4.37	2.89	3.60	1.98	4.34	3.26	3.65	2.30
63	Prefers older kids	x	x	4.20	5.41	3.21	11.33	4.05	9.67	4.97	7.06	3.93	6.54	4.25	7.11	3.49	4.66	3.21	5.74	4.64	6.61
67	Runs away	x		a		a		a		a		a		a		a		a		4.40	
67	Disrupts class		x		1.79		1.79		1.90		2.09		1.57		2.11		1.33		2.25		0.91
68	Screams	x	x	2.74	3.06	3.25	3.56	2.96	3.14	3.44	3.62	3.18	2.96	2.40	4.16	2.64	2.58	3.32	3.28	2.80	2.63
72	Sets fires	x		a		a		a		a		a		a		a		5.37		3.78	
72	Messy work		x		3.14		2.62		3.79		3.06		2.40		2.69		2.56		3.77		3.03
74	Shows off	x	x	1.83	2.17	1.83	2.15	2.13	2.35	2.13	2.83	2.29	2.45	1.75	2.18	2.57	1.30	2.28	2.48	2.19	1.09
76	Explosive		x		2.82		2.60		2.96		2.71		2.44		2.47		1.78		3.00		1.62
77	Easily frustrated		x		2.93		2.52		2.89		2.84		2.32		2.47		1.65		3.11		1.41
81	Steals at home	x		6.88		4.59		4.89		4.21		4.34		a		4.09		3.54		3.74	
82	Steals outside home	x	x	a	2.84	3.40	3.29	5.65	3.13	4.91	3.35	4.37	3.15	4.64	3.73	6.40	2.82	3.36	5.12	a	4.17
86	Stubborn, irritable	x	x	1.72	2.71	1.91	2.61	2.41	2.69	2.09	2.80	2.51	2.36	1.81	2.45	1.96	1.53	1.81	3.05	2.00	2.40
87	Sudden mood changes	x	x	2.88	4.67	2.65	3.02	2.97	3.17	3.34	2.91	3.81	2.43	3.12	2.90	2.65	1.65	3.30	3.40	2.87	2.19
90	Swearing, obscenity	x	x	3.83	2.95	4.89	3.61	3.72	4.01	4.05	3.98	3.64	2.59	2.91	3.83	3.46	2.59	3.11	3.55	4.28	2.37
93	Talks too much	x	x	1.76	1.73	1.88	1.67	2.01	1.91	1.99	2.10	2.34	1.56	2.37	2.04	3.05	1.26	3.21	2.08	2.54	0.79
94	Teases	x	x	3.17	2.87	3.32	3.00	3.61	3.22	3.15	3.17	2.94	2.34	3.16	2.70	3.56	1.56	2.72	2.78	2.44	1.75
95	Temper tantrums	x	x	1.77	2.57	1.99	2.59	2.18	3.06	2.27	2.73	2.07	2.18	1.81	2.58	2.13	1.78	2.07	2.82	1.99	1.80
96	Thinks about sex too much	x		a		4.59		5.71		4.25		5.53		4.05		4.84		4.58		3.46	
97	Threatens others	x	x	3.08	3.01	3.47	3.12	3.34	3.15	3.73	3.40	3.21	2.32	2.33	2.95	2.95	2.29	3.36	3.52	3.23	2.37
98	Tardy		x		7.88		9.00		9.83		8.89		13.52		7.51		2.77		4.01		2.78
101	Truancy	x	x	a	17.91	a	11.86	a	6.11	a	7.65	a	5.73	3.46	5.13	a	6.74	6.16	4.38	4.03	5.29
104	Loud	x	x	2.34	2.14	2.89	2.29	2.47	2.52	2.41	2.70	2.61	2.17	1.94	2.40	2.66	1.67	2.64	2.57	2.18	1.46
105	Alcohol, drugs	x	x	a	a	a	4.94	a	a	a	a	a	a	a	a	a	a	a	a	5.16	9.78
106	Vandalism	x		a		a		3.84		3.52		a		a		a		a		a	

a = no variability or not enough variability for convergence

M = mother-reported

T = teacher-reported

Table S4. Item information by age and rater (Study 1).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	0.53	1.63	0.51	2.34	0.55	2.48	1.49	2.48	0.56	1.21	0.47	1.74	0.57	0.65	0.55	1.96	0.64	1.73
6	Defiant		x		2.63		2.78		2.97		2.17		2.34		2.80		2.09		2.46		0.95
7	Braggs	x	x	0.29	1.22	0.36	1.13	0.34	0.85	0.46	0.84	0.55	1.22	0.88	1.36	0.78	1.35	0.41	0.99	0.66	1.33
16	Mean to others	x	x	0.93	2.74	0.83	3.53	0.88	2.57	1.12	2.84	1.45	2.72	0.94	2.74	1.26	2.62	1.00	1.80	1.76	2.15
19	Demands attention	x	x	0.54	1.32	0.71	1.40	0.59	1.39	0.96	1.34	0.72	1.24	0.76	1.40	0.82	1.15	0.88	0.97	0.95	0.41
20	Destroys own things	x	x	0.63	2.19	0.62	1.35	1.07	0.68	1.44	0.94	1.74	1.39	0.93	2.18	0.70	2.48	0.77	0.18	1.65	1.29
21	Destroys others' things	x	x	0.58	3.08	0.75	2.02	1.14	1.75	1.54	2.83	1.71	2.03	1.27	2.31	1.05	3.32	0.83	0.92	1.48	1.90
22	Disobedient at home	x		0.95		1.16		0.82		1.31		1.10		1.28		1.66		0.81		1.29	
23	Disobedient at school	x	x	0.26	2.90	0.56	3.02	0.52	2.94	1.21	3.53	1.10	2.66	0.60	3.43	1.13	1.99	0.96	3.29	1.25	0.89
24	Disturbs others		x		2.57		2.09		1.95		2.65		1.70		2.55		1.16		2.77		0.35
26	Lacks guilt	x	x	0.45	1.96	0.88	1.77	0.85	1.89	1.56	2.84	0.72	1.94	0.74	1.80	0.91	1.38	0.55	2.07	0.71	0.76
27	Jealous	x	x	0.61	0.96	0.72	1.61	0.43	1.16	0.99	0.63	0.91	1.11	0.56	0.68	0.71	1.29	0.89	0.94	0.84	1.53
37	Fights	x	x	0.61	3.16	0.92	2.24	0.70	2.36	0.67	2.82	1.08	2.47	0.84	1.61	1.25	2.40	1.00	1.60	0.89	1.78
39	Bad companions	x	x	0.57	1.56	0.72	1.59	0.56	0.95	0.48	1.04	1.36	1.64	0.63	1.01	0.65	1.18	0.69	0.82	0.60	1.25
43	Lies (and cheats)	x	x	0.60	2.18	0.64	1.38	0.96	1.74	1.74	1.42	1.81	2.07	0.90	0.93	1.25	2.00	1.16	0.89	1.62	2.12
53	Talks out of turn		x		1.08		1.50		1.37		1.45		1.25		1.30		0.64		1.63		0.25
57	Attacks people	x	x	1.25	3.09	1.09	1.63	0.86	1.44	0.99	2.34	1.13	2.47	0.82	3.14	1.25	2.66	1.14	3.07	1.55	1.80
63	Prefers older kids	x	x	0.10	0.17	0.21	0.05	0.16	0.05	0.12	0.13	0.21	0.15	0.22	0.12	0.29	0.29	0.30	0.22	0.19	0.12
67	Runs away	x		0.20		1.25		0.04		0.05		0.21		0.17		0.16		0.46		0.43	
67	Disrupts class		x		2.49		2.49		2.56		2.81		2.12		2.87		1.34		2.33		0.33
68	Screams	x	x	1.11	2.47	0.70	1.07	1.03	3.96	1.18	1.36	0.90	2.15	1.47	2.31	1.39	3.52	0.80	1.65	1.38	1.78
72	Sets fires	x		0.26		0.27		0.06		0.01		0.18		0.17		0.63		0.27		0.88	
72	Messy work		x		0.35		0.39		0.24		0.34		0.52		0.34		0.42		0.34		0.48
74	Shows off	x	x	0.60	1.92	0.77	1.84	0.80	1.59	1.27	1.44	0.91	1.40	0.96	1.55	0.60	1.05	0.64	1.52	0.89	0.67
76	Explosive		x		2.60		3.31		1.56		3.97		2.71		3.33		2.72		2.92		1.83
77	Easily frustrated		x		1.36		1.81		1.41		1.14		1.77		1.76		1.53		1.39		1.33
81	Steals at home	x		0.23		0.62		0.37		0.80		1.06		1.10		0.90		1.42		1.42	
82	Steals outside home	x	x	0.07	2.26	2.36	1.01	0.37	1.36	0.48	1.34	0.89	1.47	0.54	0.93	0.12	2.02	2.13	0.29	1.46	0.54
86	Stubborn, irritable	x	x	0.81	1.36	1.01	1.49	0.82	2.02	1.23	1.56	0.90	2.13	1.17	1.50	1.43	1.31	0.95	1.28	0.99	1.50
87	Sudden mood changes	x	x	0.97	0.72	0.97	1.13	1.13	1.29	0.87	1.52	0.48	1.84	0.92	1.28	1.23	1.57	0.50	1.27	0.91	1.26
90	Swearing, obscenity	x	x	0.81	2.43	0.58	1.16	1.25	1.52	0.89	1.41	1.14	2.63	1.63	1.29	1.07	3.75	1.54	1.93	0.54	1.96
93	Talks too much	x	x	0.48	1.12	0.51	1.17	0.60	1.25	0.75	0.92	0.52	0.97	0.40	1.20	0.33	0.96	0.32	1.47	0.60	0.31
94	Teases	x	x	0.63	2.09	0.62	2.56	0.59	1.45	1.05	1.61	0.86	2.28	0.72	1.59	0.55	1.78	0.74	1.52	1.13	1.60
95	Temper tantrums	x	x	1.00	3.47	1.38	2.84	1.19	1.87	1.71	2.45	1.34	2.35	1.44	2.71	1.75	2.35	1.67	4.20	1.68	1.76
96	Thinks about sex too much	x		0.12		0.54		0.33		0.48		0.37		0.76		0.57		0.52		0.97	
97	Threatens others	x	x	2.02	3.85	1.34	2.76	1.86	2.60	1.45	2.59	2.02	3.07	5.03	2.81	2.94	3.40	1.73	2.52	1.78	2.23
98	Tardy		x		0.06		0.05		0.03		0.04		0.02		0.05		0.51		0.55		0.65
101	Truancy	x	x	a	0.00	0.48	0.02	0.52	0.14	0.02	0.06	0.38	0.07	1.06	0.17	0.39	0.07	0.14	0.33	0.61	0.15
104	Loud	x	x	1.20	2.27	0.74	2.42	1.06	1.97	1.70	1.83	0.84	1.99	1.26	1.62	1.07	2.25	1.11	2.53	1.52	1.44
105	Alcohol, drugs	x	x	0.01	a	a	0.11	15.71	a	a	0.00	a	0.11	a	a	0.10	0.96	4.10	0.03	0.22	0.02
106	Vandalism	x		2.42		2.50		0.86		1.24		0.73		0.19		0.61		1.26		a	

a = no variability or not enough variability for convergence

M = mother-reported

T = teacher-reported

Table S5. Evaluating the assumptions of IRT: Unidimensionality and local independence (Study 2).

Rater	Age	Cronbach's Alpha	Unidimensionality	Local Independence
Mother	5	0.89	21.8	0.01
Mother	6	0.90	24.7	0.01
Mother	7	0.91	24.6	0.01
Mother	9	0.92	27.3	0.02
Mother	10	0.92	28.3	0.03
Mother	12	0.93	29.2	0.04
Teacher	5	0.96	42.2	0.11
Teacher	6	0.95	41.1	0.12
Teacher	7	0.95	41.0	0.09
Teacher	8	0.96	44.1	0.10
Teacher	9	0.96	42.8	0.09
Teacher	10	0.96	43.2	0.07
Teacher	11	0.96	43.8	0.11
Teacher	12	0.96	42.9	0.14
Teacher	13	0.96	43.8	0.16

Table S6. Item discrimination parameters by age and rater (Study 2).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	1.37	2.37	1.50	2.41	1.61	2.29	2.98		1.52	2.68	1.76	3.00	2.72		1.46	2.62		3.06
6	Defiant		x		2.59		2.48		2.51	2.94			2.83		3.13	2.94			3.18		3.25
7	Braggs	x	x	0.94	1.44	1.20	1.32	1.34	1.34	1.49	1.21	1.75	1.38	1.78	1.62	1.44	1.45				1.66
16	Mean to others	x	x	1.91	2.72	1.78	2.30	2.29	2.29	2.60	2.05	2.65	2.45	2.56	2.27	2.04	2.11				2.33
19	Demands attention	x	x	1.19	2.06	1.38	1.55	1.42	1.85	1.83	1.56	1.76	1.45	1.98	1.92	1.49	1.92				2.13
20	Destroys own things	x	x	1.59	1.88	1.55	1.68	1.44	1.83	1.70	1.55	1.66	1.48	1.44	1.50	1.72	1.38				1.60
21	Destroys others' things	x	x	1.89	2.17	1.77	2.14	1.84	2.28	2.23	2.12	2.23	1.72	1.88	1.98	2.11	1.91				2.03
22	Disobedient at home	x		1.70		1.85		1.83			2.07		2.65			2.35					
23	Disobedient at school	x	x	1.27	3.23	1.26	3.30	1.48	2.98	3.54	1.49	3.54	1.75	3.71	3.66	2.22	3.41				3.62
24	Disturbs others		x		3.09		2.74		2.62	2.65		2.63		2.82	2.89		2.71				2.76
26	Lacks guilt	x	x	1.08	2.36	0.96	1.77	1.19	2.02	2.15	1.32	2.24	1.36	2.37	2.11	1.39	1.94				2.08
27	Jealous	x	x	1.02	1.23	1.16	1.11	1.08	1.08	1.26	1.31	1.24	1.22	1.31	1.34	1.21	1.24				1.42
37	Fights	x	x	1.70	2.68	1.90	2.12	1.79	2.42	2.35	2.11	2.36	1.89	2.55	2.21	1.81	1.84				2.12
39	Bad companions	x	x	1.30	1.64	1.27	1.55	1.41	1.35	1.72	1.41	1.60	1.30	1.70	1.37	1.52	1.17				1.50
43	Lies (and cheats)	x	x	1.61	1.81	1.95	1.59	1.75	1.73	1.65	1.86	1.82	1.79	1.74	1.84	2.10	1.67				1.86
53	Talks out of turn		x		2.09		1.86		1.71	2.35		1.91		1.94	2.35		2.13				2.21
57	Attacks people	x	x	1.69	2.45	1.98	2.07	1.64	2.45	2.43	2.19	2.25	2.25	2.09	2.00	2.41	2.01				2.12
63	Prefers older kids	x	x	0.87	0.84	0.86	0.72	0.79	0.50	0.87	0.99	0.93	0.82	0.90	0.68	0.99	0.67				0.67
67	Runs away	x		1.27		1.77		1.57			1.41		1.24			1.68					
67	Disrupts class		x		3.07		3.15		2.93	3.45		2.95		3.74	3.45		3.45				3.24
68	Screams	x	x	1.34	2.34	1.48	2.10	1.45	1.79	2.14	1.70	2.06	1.85	1.82	1.96	1.59	2.20				1.80
72	Sets fires	x		0.87		0.69		1.21			1.58		1.34			1.58					
72	Messy work		x		0.82		0.61		0.71	0.70		0.65		0.70	b		b				b
74	Shows off	x	x	1.35	2.03	1.53	1.76	1.49	1.52	1.74	1.61	1.73	1.48	1.76	1.88	1.63	1.79				2.06
76	Explosive		x		2.59		2.44		2.38	2.88		2.95		2.52	2.59		2.69				2.90
77	Easily frustrated		x		1.97		1.82		2.11	1.91		1.94		1.98	2.04		2.23				2.11
81	Steals at home	x		1.52		1.59		1.30			1.38		1.24			1.71					
82	Steals outside home	x	x	1.22	1.47	1.60	1.25	1.44	1.38	1.37	1.39	1.33	1.50	1.46	1.22	1.82	1.58				1.59
86	Stubborn, irritable	x	x	1.32	1.84	1.66	1.80	1.38	1.84	2.23	1.85	1.98	1.93	2.00	1.87	1.55	1.89				1.79
87	Sudden mood changes	x	x	1.11	1.64	1.50	1.58	1.36	1.78	1.99	1.48	2.09	1.58	1.75	1.52	1.33	1.86				1.73
90	Swearing, obscenity	x	x	1.27	1.69	1.29	1.77	1.41	1.72	1.93	1.59	1.99	1.36	1.85	2.15	1.77	2.05				2.20
93	Talks too much	x	x	0.97	1.58	0.97	1.52	0.86	1.39	1.51	1.03	1.36	1.11	1.59	1.78	0.93	1.88				1.86
94	Teases	x	x	1.54	1.90	1.78	1.92	1.59	1.68	2.09	1.61	2.05	1.85	2.17	2.07	1.69	1.80				1.97
95	Temper tantrums	x	x	1.39	2.45	1.76	2.11	1.63	2.32	2.72	1.86	2.59	1.86	2.62	2.61	1.93	2.96				2.44
96	Thinks about sex too much	x		1.14		0.99		1.31			1.20		1.36			1.40					
97	Threatens others	x	x	2.07	2.66	2.01	2.70	2.21	2.23	3.04	2.61	3.09	3.00	2.88	2.76	3.08	2.74				2.55
98	Tardy		x		0.47		0.15		0.29	0.47		0.44		0.58	0.77		1.06				1.07
101	Truancy	x	x	1.02	0.39	0.89	0.32	1.37	0.32	0.41	0.83	0.38	1.30	0.56	0.64	1.40	0.86				0.80
104	Loud	x	x	1.37	1.96	1.61	1.94	1.60	1.72	2.05	1.63	1.71	1.73	1.78	2.12	1.58	2.26				2.10
105	Alcohol, drugs	x	x	1.09	1.04	0.66	0.94	1.36	0.49	2.49	1.21	0.89	a	0.97	0.90	1.57	1.27				1.24
106	Vandalism	x		1.57		1.68		1.98			2.05		1.98			2.00					

a = no variability or not enough variability for convergence

b = item not administered

M = mother-reported

T = teacher-reported

Table S7. Item severity (b1) parameters by age and rater (Study 2).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	-1.55	-0.64	-1.60	-0.52	-1.38	-0.48	-0.37	-1.35	-0.29	-1.13	-0.43	-0.47	-0.93	-0.21			-0.52	
6	Defiant		x		-0.04		0.02		0.12		0.14		0.14		-0.09	-0.06		0.17		-0.18	
7	Brags	x	x	-0.39	0.17	-0.63	0.50	-0.73	0.48	0.46	-0.55	0.59	-0.30	0.26	0.25	-0.13	0.55			0.14	
16	Mean to others	x	x	0.40	-0.11	0.29	-0.03	0.36	0.04	0.23	0.58	0.39	0.57	0.14	0.21	0.71	0.62			0.27	
19	Demands attention	x	x	-1.14	-0.48	-1.12	-0.65	-0.75	-0.35	-0.21	-0.28	0.05	0.02	-0.14	-0.47	0.16	-0.20			-0.38	
20	Destroys own things	x	x	0.23	0.98	0.40	0.71	0.59	1.03	1.38	0.93	1.57	1.13	1.67	1.67	1.25	2.08			1.66	
21	Destroys others' things	x	x	0.42	0.59	0.50	0.57	0.55	0.90	1.25	0.78	1.46	0.98	1.22	1.30	1.04	1.67			1.23	
22	Disobedient at home	x		-1.07		-0.94		-0.73			-0.44		-0.38			-0.29					
23	Disobedient at school	x	x	-0.36	-0.66	-0.48	-0.67	-0.35	-0.43	-0.22	-0.13	-0.12	-0.10	-0.25	-0.28	-0.06	0.01			-0.33	
24	Disturbs others		x		-0.88		-1.11		-0.84	-0.55		-0.42		-0.51	-0.70		-0.38			-0.62	
26	Lacks guilt	x	x	-0.10	-0.26	-0.31	-0.20	-0.22	-0.08	0.07	0.07	0.22	0.23	-0.02	0.02	0.13	0.20			-0.17	
27	Jealous	x	x	-1.00	0.28	-0.96	0.45	-0.72	0.59	0.74	-0.35	1.11	-0.11	0.86	0.65	0.10	1.28			0.95	
37	Fights	x	x	0.59	-0.14	0.41	0.13	0.55	0.23	0.38	0.75	0.53	0.85	0.37	0.56	1.07	1.08			0.80	
39	Bad companions	x	x	0.76	-0.11	0.52	-0.20	0.52	0.02	0.15	0.64	0.24	0.64	-0.02	-0.27	0.34	0.03			-0.28	
43	Lies (and cheats)	x	x	-0.17	-0.02	-0.34	-0.13	-0.03	0.11	0.42	0.19	0.54	0.27	0.34	0.35	0.21	0.69			0.39	
53	Talks out of turn		x		-0.96		-1.03		-0.81	-0.50		-0.32		-0.61	-0.62		-0.36			-0.58	
57	Attacks people	x	x	1.36	0.22	1.03	0.39	1.49	0.54	0.77	1.36	0.92	1.49	0.78	0.94	1.55	1.36			1.15	
63	Prefers older kids	x	x	-0.50	1.64	-0.72	2.48	-0.56	3.44	2.15	-0.12	2.36	0.07	1.89	1.65	0.02	1.77			1.54	
67	Runs away	x		3.50		2.95		3.25			3.43		3.74			2.48					
67	Disrupts class		x		-0.56		-0.58		-0.37	-0.14		0.01		-0.20	-0.21		-0.03			-0.24	
68	Screams	x	x	0.61	0.95	0.31	1.05	0.65	1.47	1.43	0.76	1.71	0.84	1.44	1.21	1.09	1.41			1.16	
72	Sets fires	x		3.42		4.99		3.09			2.67		3.07			2.88					
72	Messy work		x		-0.68		-1.12		-0.40	-0.16		-0.12		-0.34	b		b			b	
74	Shows off	x	x	-1.14	-0.19	-1.00	-0.18	-0.88	0.00	0.03	-0.61	0.23	-0.38	-0.03	-0.21	-0.39	-0.03			-0.27	
76	Explosive		x		0.29		0.44		0.55	0.59		0.75		0.49	0.28		0.67			0.28	
77	Easily frustrated		x		0.10		0.08		0.21	0.33		0.53		0.30	-0.12		0.22			-0.09	
81	Steals at home	x		1.73		1.54		1.93			1.95		2.17			1.70					
82	Steals outside home	x	x	2.25	0.99	1.84	0.85	2.08	1.09	1.51	2.33	1.70	2.38	1.48	2.04	1.79	2.28			1.90	
86	Stubborn, irritable	x	x	-1.10	-0.30	-1.09	-0.26	-0.85	-0.22	-0.01	-0.52	0.14	-0.33	-0.12	-0.39	-0.37	0.04			-0.31	
87	Sudden mood changes	x	x	0.20	0.33	-0.29	0.28	0.00	0.43	0.50	0.19	0.80	0.28	0.52	-0.03	0.29	0.40			0.07	
90	Swearing, obscenity	x	x	0.94	0.79	0.91	0.94	1.09	1.03	1.18	0.98	1.13	1.21	0.81	0.74	0.66	1.08			0.50	
93	Talks too much	x	x	-0.92	-0.58	-1.08	-0.56	-1.22	-0.55	-0.24	-0.25	-0.12	-0.07	-0.30	-0.59	0.09	-0.39			-0.63	
94	Teases	x	x	-0.14	0.00	-0.31	0.11	-0.26	0.25	0.30	-0.18	0.44	-0.06	0.10	-0.18	0.03	0.26			-0.06	
95	Temper tantrums	x	x	-0.44	0.36	-0.46	0.37	-0.21	0.53	0.54	0.08	0.63	0.29	0.33	0.17	0.28	0.57			0.17	
96	Thinks about sex too much	x		2.91		2.66		2.07			2.93		2.76			2.22					
97	Threatens others	x	x	1.16	0.64	1.01	0.68	1.08	0.79	0.82	1.13	0.85	1.25	0.55	0.48	1.17	0.97			0.69	
98	Tardy		x		2.96		7.86		4.47	3.32		3.43		2.33	1.19		1.02			0.59	
101	Truancy	x	x	4.83	4.35	5.08	6.13	4.17	6.14	5.29	5.71	5.25	3.62	3.51	2.69	2.39	2.13			1.79	
104	Loud	x	x	-0.09	0.17	-0.16	0.29	-0.03	0.53	0.61	0.24	0.90	0.42	0.58	0.35	0.55	0.57			0.22	
105	Alcohol, drugs	x	x	6.41	6.16	8.93	6.42	5.03	10.33	3.68	6.37	6.61	a	5.57	4.80	2.88	3.43			2.76	
106	Vandalism	x		2.51		2.42		2.48			2.55		2.65			2.35					

a = no variability or not enough variability for convergence

b = item not administered

M = mother-reported

T = teacher-reported

Table S8. Item severity (b2) parameters by age and rater (Study 2).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	1.09	0.50	1.16	0.72	1.20	0.81	0.91	1.00	1.10	0.89	0.85	0.87	1.14	1.11	0.80			
6	Defiant		x		0.93		1.15		1.23	1.28		1.37		1.03	1.13		1.32	0.97			
7	Brag	x	x	2.82	1.82	2.17	2.21	2.11	2.29	2.14	2.31	2.01	2.26	1.71	1.78	2.14	2.07	1.48			
16	Mean to others	x	x	2.66	0.95	2.50	1.28	2.26	1.39	1.54	2.43	1.62	2.37	1.41	1.64	2.59	2.04	1.56			
19	Demands attention	x	x	1.04	0.53	0.84	0.74	1.11	0.86	1.09	1.39	1.32	1.80	1.08	0.78	1.90	1.04	0.78			
20	Destroys own things	x	x	1.96	2.18	2.13	1.94	2.37	2.26	2.56	2.65	3.01	2.78	3.23	2.93	2.66	3.77	2.82			
21	Destroys others' things	x	x	2.10	1.87	2.25	1.88	2.24	2.25	2.51	2.29	2.82	2.79	2.80	2.59	2.37	2.91	2.57			
22	Disobedient at home	x		1.78		1.88		2.10				2.04	1.74			1.82					
23	Disobedient at school	x	x	2.58	0.47	2.36	0.76	2.21	0.85	1.19	2.34	1.30	2.11	1.01	1.04	1.76	1.35	1.00			
24	Disturbs others		x		0.32		0.51		0.72	0.98		1.14		0.87	0.88		1.17	0.79			
26	Lacks guilt	x	x	2.55	0.75	2.77	1.13	2.66	1.04	1.30	2.37	1.45	2.27	1.11	1.07	2.58	1.43	0.98			
27	Jealous	x	x	1.70	2.06	1.50	2.54	2.04	2.44	2.58	1.81	2.97	2.09	2.47	2.23	2.34	3.24	2.46			
37	Fights	x	x	2.43	1.00	2.27	1.39	2.41	1.54	1.60	2.30	1.87	2.50	1.57	1.78	2.54	2.49	1.97			
39	Bad companions	x	x	2.65	1.17	2.40	1.35	2.35	1.61	1.57	2.59	1.70	2.80	1.32	1.36	2.32	1.70	1.15			
43	Lies (and cheats)	x	x	2.23	1.41	1.80	1.55	2.24	1.70	2.08	2.26	1.98	2.12	1.82	1.77	2.03	2.20	1.56			
53	Talks out of turn		x		0.29		0.48		0.66	0.85		1.21		0.87	0.70		1.01	0.76			
57	Attacks people	x	x	3.70	1.33	2.79	1.75	3.09	1.89	2.09	3.07	2.37	2.66	2.23	2.20	3.09	2.59	2.25			
63	Prefers older kids	x	x	2.25	3.77	1.95	4.47	2.37	6.75	4.15	2.34	4.20	2.95	3.78	4.12	2.32	4.64	4.18			
67	Runs away	x		5.09		4.19		4.51			a		6.27			3.55					
67	Disrupts class		x		0.37		0.62		0.81	1.02		1.31		0.92	0.97		1.24	0.86			
68	Screams	x	x	2.47	1.91	2.13	2.43	2.55	2.88	2.49	2.37	2.92	2.24	2.66	2.32	2.77	2.32	2.32			
72	Sets fires	x		6.15		a		4.52			4.16		4.53			4.29					
72	Messy work		x		1.56		1.75		2.30	2.49		2.86		2.43	b		b	b			
74	Shows off	x	x	1.46	0.98	1.49	1.19	1.62	1.47	1.48	1.70	1.71	1.87	1.39	1.07	1.67	1.33	0.97			
76	Explosive		x		1.31		1.53		1.53	1.59		1.84		1.62	1.46		1.65	1.28			
77	Easily frustrated		x		1.30		1.30		1.33	1.66		1.86		1.59	1.15		1.43	1.20			
81	Steals at home	x		3.52		3.17		4.22			3.88		4.33			3.10					
82	Steals outside home	x	x	4.54	2.31	3.48	2.36	4.31	2.59	2.90	4.29	3.27	4.07	2.88	3.29	3.06	3.12	2.62			
86	Stubborn, irritable	x	x	1.54	0.98	1.30	1.14	1.73	1.31	1.42	1.62	1.80	1.62	1.43	1.24	1.91	1.59	1.34			
87	Sudden mood changes	x	x	2.87	1.62	1.94	1.77	2.53	1.84	1.95	2.41	2.15	2.30	2.00	1.70	2.58	1.90	1.62			
90	Swearing, obscenity	x	x	3.61	1.99	2.91	2.24	3.01	2.68	2.37	2.71	2.54	3.00	2.20	1.91	2.41	2.06	1.64			
93	Talks too much	x	x	1.39	0.62	1.37	0.78	1.71	1.02	1.36	1.91	1.54	2.20	1.14	0.81	2.77	1.01	0.80			
94	Teases	x	x	2.11	1.37	1.91	1.57	2.08	1.81	1.66	2.02	1.94	2.00	1.45	1.44	2.03	1.74	1.24			
95	Temper tantrums	x	x	1.59	1.26	1.47	1.34	1.74	1.56	1.53	1.54	1.77	1.80	1.29	1.25	1.79	1.55	1.31			
96	Thinks about sex too much	x		4.80		4.81		3.88			4.47		4.16			3.36					
97	Threatens others	x	x	2.93	1.62	3.01	1.87	2.82	2.12	1.90	2.48	2.07	2.50	1.72	1.54	2.52	1.97	1.75			
98	Tardy		x		5.67		16.59		8.91	6.30		6.89		4.49	2.90		2.42	2.06			
101	Truancy	x	x	a	6.95	7.63	8.90	5.30	9.39	7.47	8.00	8.11	5.50	5.54	4.18	3.36	3.22	3.12			
104	Loud	x	x	1.91	1.16	1.82	1.37	1.87	1.67	1.81	2.11	2.20	2.13	1.72	1.47	2.28	1.62	1.30			
105	Alcohol, drugs	x	x	a	a	a	7.91	a	12.91	4.12	a	8.42	a	7.57	6.61	4.12	4.22	3.67			
106	Vandalism	x		4.07		4.59		3.60			3.43		3.81			3.28					

a = no variability or not enough variability for convergence

b = item not administered

M = mother-reported

T = teacher-reported

Table S9. Item information by age and rater (Study 2).

Number	Item	CBCL	TRF	Age 5		Age 6		Age 7		Age 8		Age 9		Age 10		Age 11		Age 12		Age 13	
				M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
3	Argues	x	x	0.40	0.20	0.47	0.31	0.53	0.38	0.43	0.42	0.66	0.41	0.37		0.41	0.46	0.67		0.32	
6	Defiant		x		0.47		0.72		0.81	1.00		1.13		0.58		0.73		1.14		0.49	
7	Brag	x	x	0.34	0.69	0.52	0.67	0.63	0.70	0.82	0.54	1.05	0.69	0.92		0.83	0.74	0.77		0.71	
16	Mean to others	x	x	1.18	0.49	1.09	0.83	1.67	0.95	1.31	1.43	1.48	1.89	1.09		1.23	1.42	1.44		1.18	
19	Demands attention	x	x	0.33	0.23	0.33	0.32	0.43	0.40	0.54	0.60	0.66	0.69	0.56		0.36	0.75	0.52		0.36	
20	Destroys own things	x	x	0.86	1.29	0.87	0.97	0.80	1.26	1.19	0.94	1.13	0.89	0.86		0.96	1.19	0.76		1.09	
21	Destroys others' things	x	x	1.21	1.39	1.11	1.37	1.20	1.78	1.87	1.55	1.89	1.11	1.35		1.54	1.64	1.49		1.58	
22	Disobedient at home	x		0.87		1.03		1.09			1.32		1.65				1.46				
23	Disobedient at school	x	x	0.58	0.11	0.58	0.26	0.77	0.37	0.88	0.79	1.15	1.03	0.52		0.57	1.30	1.26		0.51	
24	Disturbs others		x		0.08		0.17		0.29	0.52		0.72		0.40		0.41		0.77		0.33	
26	Lacks guilt	x	x	0.45	0.33	0.35	0.55	0.53	0.54	0.79	0.65	1.00	0.70	0.65		0.58	0.70	0.82		0.50	
27	Jealous	x	x	0.36	0.56	0.41	0.50	0.43	0.48	0.64	0.58	0.64	0.55	0.70		0.70	0.56	0.63		0.81	
37	Fights	x	x	1.06	0.54	1.24	0.88	1.15	1.22	1.25	1.55	1.56	1.31	1.34		1.34	1.26	1.31		1.44	
39	Bad companions	x	x	0.68	0.53	0.64	0.58	0.76	0.56	0.80	0.77	0.77	0.66	0.64		0.50	0.86	0.46		0.47	
43	Lies (and cheats)	x	x	0.90	0.74	1.09	0.70	1.05	0.87	0.96	1.18	1.10	1.09	0.94		1.00	1.38	1.02		0.89	
53	Talks out of turn		x		0.15		0.23		0.30	0.40		0.63		0.41		0.30		0.53		0.35	
57	Attacks people	x	x	0.90	0.94	1.38	1.18	1.07	1.67	1.85	1.62	1.77	1.99	1.51		1.43	2.00	1.59		1.64	
63	Prefers older kids	x	x	0.30	0.30	0.28	0.21	0.25	0.09	0.31	0.39	0.35	0.27	0.34		0.20	0.39	0.19		0.19	
67	Runs away	x		0.35		0.82		0.55			0.41		0.28				1.01				
67	Disrupts class		x		0.09		0.18		0.34	0.55		1.05		0.38		0.47		0.98		0.36	
68	Screams	x	x	0.71	1.64	0.80	1.62	0.82	1.29	1.81	1.09	1.72	1.25	1.35		1.48	1.00	1.84		1.26	
72	Sets fires	x		0.22		0.08		0.43			0.82		0.50				0.72				
72	Messy work		x		0.24		0.15		0.20	0.20		0.18		0.20		b		b		b	
74	Shows off	x	x	0.51	0.49	0.62	0.58	0.65	0.62	0.75	0.77	0.88	0.72	0.71		0.53	0.77	0.68		0.49	
76	Explosive		x		0.95		1.22		1.19	1.61		2.14		1.41		1.19		1.58		0.99	
77	Easily frustrated		x		0.73		0.67		0.82	0.98		1.15		0.98		0.63		0.98		0.69	
81	Steals at home	x		0.91		1.01		0.65			0.75		0.59				1.19				
82	Steals outside home	x	x	0.56	0.86	1.01	0.64	0.77	0.79	0.80	0.71	0.74	0.83	0.89		0.63	1.35	0.99		1.04	
86	Stubborn, irritable	x	x	0.51	0.47	0.60	0.56	0.60	0.68	0.96	0.90	1.13	0.96	0.85		0.65	0.79	0.92		0.68	
87	Sudden mood changes	x	x	0.47	0.77	0.75	0.79	0.68	0.99	1.25	0.80	1.49	0.91	1.04		0.71	0.67	1.10		0.83	
90	Swearing, obscenity	x	x	0.56	1.00	0.67	1.17	0.78	1.14	1.44	0.99	1.51	0.76	1.24		1.42	1.15	1.45		1.19	
93	Talks too much	x	x	0.30	0.28	0.29	0.33	0.26	0.39	0.57	0.39	0.55	0.47	0.50		0.37	0.35	0.49		0.37	
94	Teases	x	x	0.82	0.76	0.99	0.92	0.86	0.88	1.12	0.87	1.30	1.10	0.97		0.89	0.96	0.95		0.68	
95	Temper tantrums	x	x	0.57	0.84	0.75	0.82	0.80	1.19	1.38	0.86	1.69	1.04	0.93		0.87	1.09	1.56		0.91	
96	Thinks about sex too much	x		0.42		0.35		0.68			0.46		0.61				0.79				
97	Threatens others	x	x	1.47	1.51	1.28	1.92	1.63	1.64	2.36	2.33	2.64	2.97	1.85		1.42	2.97	2.16		1.63	
98	Tardy		x		0.09		0.01		0.03	0.08		0.07		0.14		0.26		0.47		0.44	
101	Truancy	x	x	0.10	0.05	0.09	0.03	0.20	0.03	0.04	0.05	0.04	0.33	0.11		0.16	0.75	0.31		0.28	
104	Loud	x	x	0.65	0.62	0.82	0.78	0.83	0.86	1.24	0.93	1.09	1.05	0.94		0.96	0.93	1.22		0.78	
105	Alcohol, drugs	x	x	0.02	0.03	0.01	0.03	0.07	0.01	0.38	0.02	0.03	a	0.06		0.10	0.72	0.37		0.53	
106	Vandalism	x		0.86		0.96		1.33			1.38		1.21				1.45				

a = no variability or not enough variability for convergence

b = item not administered

M = mother-reported

T = teacher-reported