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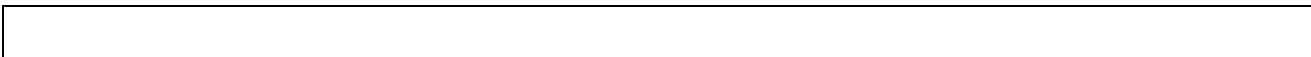


**Technical Report**  
**Teacher Wave 1.2**

**Child-Level: Social Behaviour Questionnaire**

**OVERVIEW**

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## Social Behaviour Questionnaire (*Child-Level Measure*)

<b>Source/Developer</b>	<ul style="list-style-type: none"><li>Richard E. Tremblay (Université de Montréal)</li><li>Tremblay, R. E., Loeber, R., Gagnon, C., Charlebois, P., Larivee, S. &amp; LeBlanc, M. (1991). Disruptive boys with stable and unstable high fighting behavior patterns during junior elementary school. <i>Journal of Abnormal Child Psychology</i>, 19, 285-300.</li></ul>
<b>Adaptations</b>	In the teacher version items are organised by topics/subdimensions in order to simplify completion. Some item wordings were adapted to fit the teacher's perspective. Twelve items that were not fitting the teachers perspective were skipped
<b>Description</b>	A comprehensive assessment of the target child's social behaviour. Focuses also on prosociality, not only on problem behaviour. As compared to the original scale the more recent version used in the z-proso study also allows assessing subtypes of aggression, such as indirect, reactive, and instrumental aggression. This measure is also repeatedly administered to parents and – in an adapted computer-based multimedia version – to the target children.
<b>Measured Concepts/ Subdimensions</b>	<p><i>Internalising Problem Behaviour</i></p> <ol style="list-style-type: none"><li>Anxiety</li><li>Depression</li></ol> <p><i>Attention-Deficit and Hyperactivity Disorder (ADHD)</i></p> <ol style="list-style-type: none"><li>Attention Deficit</li><li>Hyperactivity</li></ol> <p><i>Non-Aggressive Conduct Disorder</i></p> <ol style="list-style-type: none"><li>Non-Aggressive Conduct Disorder (Opposition, Stealing, Lying)</li></ol> <p><i>Prosocial Behaviour</i></p> <ol style="list-style-type: none"><li>Prosocial Behaviour (Helping, Empathy)</li></ol> <p><i>Aggression</i></p> <ol style="list-style-type: none"><li>Physical Aggression</li><li>Indirect Aggression</li><li>Instrumental Aggressions/Dominance</li><li>Reactive Aggression</li></ol>
<b>Number of Items</b>	43
<b>Response Categories</b>	5-point Likert scale (from "never" to "very often")
<b>Item Example</b>	<ul style="list-style-type: none"><li>"CHILD is worried." (Anxiety)</li><li>"CHILD fidgets." (Hyperactivity)</li><li>"CHILD steals at school." (Non-Aggressive CD)</li><li>"CHILD kicks, bites, hits other children." (Physical Aggression)</li><li>"CHILD will invite bystanders to join in a game." (Prosociality)</li></ul>
<b>Administration History</b>	Waves 1.1, 1.2, 2.1, 2.2, 3.1, 4.1
<b>Variable Values</b>	<p>1 – never 2 – rarely 3 – partly 4 – often 5 – very often</p> <p>-1 – empty questionnaire (<i>MISSING</i>) 9 – No answer \ Answer refused (<i>MISSING</i>)</p>

## 1. Anxiety & Depression Subscale

Variable Wording & Case Summary	Anxiety& Depression Subscale				Missings (%)						
	Variable Name	Label	Wording								
	T1.2_SBQ02	Anxiety/depression02	nervös, angespannt/ nervous, highstrung, tense		4 (0.3%)						
	T1.2_SBQ03	Anxiety/depression03	furchtsam, ängstlich/ fearful, anxious		5 (0.4%)						
	T1.2_SBQ04	Anxiety/depression04	beunruhigt, besorgt/ worried		6 (0.5%)						
	T1.2_SBQ05	Anxiety/depression05	traurig, depressiv/ unhappy, sad, depressed		3 (0.3%)						
	T1.2_SBQ06	Anxiety/depression06	nicht so glücklich/ not as happy as other children		12 (1.0%)						
	T1.2_SBQ07	Anxiety/depression07	fällt schwer zu freuen/ trouble enjoying himself		7 (0.6%)						
	T1.2_SBQ08	Anxiety/depression08	elendig, unglücklich/ miserable, distressed, unhappy		5 (0.4%)						
Total N = 1171											
Descriptive Statistics	Anxiety& Depression Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .908$ )			
	T1.2_SBQ02	Anxiety/depression02	2.12	1.06	0.69	-0.27	.594	.912			
	T1.2_SBQ03	Anxiety/depression03	1.87	0.93	0.91	0.24	.612	.906			
	T1.2_SBQ04	Anxiety/depression04	1.98	0.96	0.78	0.07	.819	.883			
	T1.2_SBQ05	Anxiety/depression05	1.73	0.89	1.15	0.91	.833	.882			
	T1.2_SBQ06	Anxiety/depression06	1.72	0.91	1.20	0.87	.830	.882			
	T1.2_SBQ07	Anxiety/depression07	1.61	0.78	1.11	0.53	.683	.899			
	T1.2_SBQ08	Anxiety/depression08	1.51	0.78	1.51	1.83	.751	.892			
Comments:											
1) Mean: different means for each item indicate different degrees of difficulties;											
2) All items include only few cases for value 5;											
3) Item T1.2_SBQ02 only weak item-scale-correlation and increased alpha when removed;											
4) Items T1.2_SBQ05, T1.2SBQ06 and T1.2SBQ07 with excessive skewness;											
5) Item T1.2_SBQ08 with excessive skewness and high kurtosis											
Sum Index Descriptive Statistics	Anxiety& Depression Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
	Full sample	1168	0.79	0.73	0	3.50	0.95	0.53			
	Gender								1	5.34	.021
	<i>Girls</i>	568	0.74	0.71	0	3.29	0.92	0.29			
	<i>Boys</i>	600	0.84	0.74	0	3.50	0.98	0.70			
	Treatment								3	18.85	.000
	<i>Control</i>	327	0.58	0.65	0	3.50	1.46	2.22			
	<i>Triple P</i>	283	0.76	0.65	0	3.00	0.61	-0.42			
	<i>PATHS</i>	317	0.90	0.72	0	3.14	0.94	0.70			
	<i>Combination</i>	241	0.98	0.83	0	3.29	0.67	-0.23			
Comments:											
1) Number of accepted missing items: 2;											
2) Subtraction of 1 from total scale for mean computing;											
3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences;											
4) Excessive skewness and high kurtosis for <i>Control</i> subgroup.											

Correlations with Subscales & DVs	Anxiety & Depression Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
	Subscales									
	Teacher SBQ									
	<i>Total Aggression</i>	.396	***	1154	.390	***	592	.397	***	562
	<i>Prosociality</i>	-.290	***	1146	-.292	***	588	-.268	***	558
	Parent SBQ									
	<i>Aggression</i>	-.004	ns	1036	.026	ns	543	-.075	ns	493
	<i>Prosociality</i>	-.070	*	1025	-.053	ns	535	-.069	ns	490
	Child SBQ									
	<i>Aggression</i>	.057	ns	1157	.041	ns	594	.066	ns	563
	<i>Prosociality</i>	-.095	**	1157	-.068	ns	594	-.114	**	563
	<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments: 1) High correlation with <i>Teacher SBQ</i> ; 2) Significant correlation with <i>Child SBQ Prosociality</i> disappears for <b>Boys</b> subgroup.									

## 2. Hyperactivity & Attention Deficit Subscale

Variable Wording & Case Summary	Hyperactivity & Attention Deficit Subscale				Missings (%)						
	Variable Name	Label	Wording								
	T1.2_SBQ10	ADHD10	impulsiv/ impulsive		1 (0.1%)						
	T1.2_SBQ11	ADHD11	fällt schwer zu warten/ has difficulty awaiting turn		3 (0.3%)						
	T1.2_SBQ12	ADHD12	unruhig, überaktiv/ restless, hyperactive		0						
	T1.2_SBQ13	ADHD13	zappelig/ fidgets		6 (0.5%)						
	T1.2_SBQ14	ADHD14	nicht einer Sache widmen/ cannot settle to anything		2 (0.2%)						
	T1.2_SBQ15	ADHD15	ablenken/ distractible		3 (0.3%)						
	T1.2_SBQ16	ADHD16	nicht konzentrieren/ can't concentrate		1 (0.1%)						
	T1.2_SBQ17	ADHD17	unaufmerksam/ inattentive		19 (1.6%)						
Total N = 1171											
Descriptive Statistics	Hyperactivity & Attention Deficit Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .944$ )			
	T1.2_SBQ10	ADHD10	2.20	1.16	0.75	-0.29	.757	.940			
	T1.2_SBQ11	ADHD11	2.20	1.21	0.78	-0.36	.708	.943			
	T1.2_SBQ12	ADHD12	2.05	1.18	0.97	0.00	.827	.935			
	T1.2_SBQ13	ADHD13	1.92	1.16	1.19	0.52	.783	.938			
	T1.2_SBQ14	ADHD14	2.16	1.15	0.75	-0.32	.848	.933			
	T1.2_SBQ15	ADHD15	2.36	1.22	0.57	-0.64	.844	.934			
	T1.2_SBQ16	ADHD16	2.26	1.17	0.65	-0.46	.831	.935			
	T1.2_SBQ17	ADHD17	2.24	1.13	0.64	-0.38	.742	.937			
Comments:											
1) High alpha-value and item-scale-correlation;											
2) Item T1.2_SBQ13 with excessive skewness.											
Sum Index Descriptive Statistics	Hyperactivity & Attention Deficit Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
	Full sample	1170	1.17	0.99	0	4.00	0.74	-0.08			
	Gender								1	65.65	.000
	<i>Girls</i>	569	0.94	0.88	0	4.00	1.02	0.79			
	<i>Boys</i>	601	1.40	1.04	0	4.00	0.48	-0.49			
	Treatment								3	8.45	.000
	<i>Control</i>	327	1.00	0.97	0	4.00	0.94	0.22			
	<i>Triple P</i>	284	1.13	1.01	0	4.00	0.81	-0.01			
	<i>PATHS</i>	318	1.21	0.96	0	4.00	0.72	0.09			
	<i>Combination</i>	241	1.42	0.97	0	4.00	0.52	-0.27			
Comments:											
1) Number of accepted missing items: 2;											
2) Subtraction of 1 from total scale for mean computing;											
3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences;											
4) <i>Girls</i> subgroup with excessive skewness.											

Correlations with Subscales & DVs Hyperactivity & Attention Deficit	Hyperactivity & Attention Deficit Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
Subscales										
Teacher SBQ										
	<i>Total Aggression</i>	.607	***	1156	.584	***	593	.595	**	563
	<i>Prosociality</i>	-.338	***	1148	-.295	***	589	-.282	***	559
Parent SBQ										
	<i>Aggression</i>	.127	***	1038	.093	*	544	.096	*	494
	<i>Prosociality</i>	-.014	ns	1027	.034	ns	536	.020	ns	491
Child SBQ										
	<i>Aggression</i>	.131	***	1159	.034	ns	536	.092	*	564
	<i>Prosociality</i>	-.089	**	1159	.138	**	595	-.119	**	564
<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments:										
1) Significant correlations with <i>Teacher SBQ</i> , significant correlations with <i>Parent SBQ Aggression</i> and <i>Child SBQ Prosociality</i> ; 2) Significant correlation with <i>Child SBQ Aggression</i> disappears for <b>Boys</b> subscale.										

### 3. Indirect Aggression Subscale

Variable Wording & Case Summary	Indirect Aggression Subscale										
	Variable Name	Label	Wording					Missings (%)			
	T1.2_SBQ19	Ind.aggression19	andere nicht mögen lassen/ get others to dislike					22 (1.9%)			
	T1.2_SBQ21	Ind.aggression21	Rücken Gemeinheiten/ bad things behind the other's back					39 (3.3%)			
	T1.2_SBQ22	Ind.aggression22	andere ausschliessen lassen/ lets not be with him					34 (2.9%)			
Total N = 1171											
Descriptive Statistics	Indirect Aggression Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .948$ )			
	T1.2_SBQ19	Ind.aggression19	1.74	0.97	1.26	1.00	.885	.928			
	T1.2_SBQ21	Ind.aggression21	1.73	0.96	1.29	1.16	.901	.915			
	T1.2_SBQ22	Ind.aggression22	1.66	0.94	1.43	1.50	.885	.928			
<i>Comments:</i> <ol style="list-style-type: none"> <li>1) All three Items include only few cases for value 4 and 5;</li> <li>2) High alpha-values, high item-scale-correlations;</li> <li>3) All Items with excessive skewness and high kurtosis.</li> </ol>											
Sum Index Descriptive Statistics	Indirect Aggression Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
	Full sample	1137	0.71	0.91	0.00	4.00	1.38	1.45			
	Gender								1	6.80	.009
	<i>Girls</i>	553	0.79	0.95	0.00	4.00	1.23	0.95			
	<i>Boys</i>	584	0.65	0.87	0.00	4.00	1.53	2.08			
	Treatment								3	8.31	.000
	<i>Control</i>	321	0.58	0.87	0.00	4.00	1.73	2.64			
	<i>Triple P</i>	275	0.66	0.91	0.00	4.00	1.43	1.60			
	<i>PATHS</i>	318	0.71	0.85	0.00	4.00	1.35	1.72			
<i>Combination</i>	232	0.96	1.00	0.00	4.00	1.01	0.37				
<i>Comments:</i> <ol style="list-style-type: none"> <li>1) Number of accepted missing items: 1;</li> <li>2) Subtraction of 1 from total scale for mean computing;</li> <li>3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences;</li> <li>4) All subgroups with excessive skewness;</li> <li>5) <i>Boys</i>, <i>Control</i>, <i>Triple P</i> and <i>PATHS</i> subgroups with high kurtosis.</li> </ol>											

Correlations with Subscales & DVs	Indirect Aggression Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
	Subscales									
	Teacher SBQ									
	<i>Total Aggression</i>	.721	***	1130	.772	***	579	.755	***	551
	<i>Prosociality</i>	-.263	***	1124	-.252	***	577	-.345	***	547
	Parent SBQ									
	<i>Aggression</i>	.094	**	1010	.106	*	528	.111	*	482
	<i>Prosociality</i>	.008	ns	1000	.033	ns	521	-.047	ns	479
	Child SBQ									
	<i>Aggression</i>	.084	**	1126	.122	**	578	.060	ns	548
	<i>Prosociality</i>	-.059	*	1126	-.053	ns	578	-.087	*	548
	<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments: 1) Significant correlation with <i>Teacher SBQ</i> and <i>Parent SBQ Aggression</i> ; 2) Significant correlation with <i>Child SBQ Aggression</i> disappears for <b>Girls</b> subgroup.									



#### 4. Non-Aggressive Conduct Disorder Subscale

Variable Wording & Case Summary	Non-Aggressive Conduct Disorder Subscale						Missings (%)				
	Variable Name	Label	Wording								
	T1.2_SBQ25	Nonaggressive25	stiehlt/ steals				5 (0.4%)				
	T1.2_SBQ26	Nonaggressive26	zerstört eigene Sachen/ destroys his own things				7 (0.6%)				
	T1.2_SBQ31	Nonaggressive31	Dinge in Schule kaputt/ destroys things belonging to his school				6 (0.5%)				
	T1.2_SBQ32	Nonaggressive32	erzählt Lügen/ tells lies, cheats				13 (1.1%)				
Total N = 1171											
Descriptive Statistics	Non-Aggressive Conduct Disorder Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .767$ )			
	T1.2_SBQ25	Nonaggressive25	1.10	0.41	4.97	29.58	.572	.733			
	T1.2_SBQ26	Nonaggressive26	1.19	0.54	3.18	10.66	.630	.684			
	T1.2_SBQ31	Nonaggressive31	1.17	0.50	3.38	12.67	.693	.663			
	T1.2_SBQ32	Nonaggressive32	1.51	0.86	1.79	2.85	.561	.787			
Comments:											
1) Items T1.2_SBQ25, T1.2_SBQ26 and T1.2_SBQ31 include only very few cases for values 2 to 5: Ceiling effect;											
2) Item T1.2_SBQ32 includes only few cases for value 4 and 5;											
3) All items with excessive skewness and high kurtosis;											
Sum Index Descriptive Statistics	Non-Aggressive Conduct Disorder Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
	Full sample	1163	0.24	0.46	0.00	3.25	2.75	9.14			
	Gender								1	15.30	.000
	<i>Girls</i>	568	0.19	0.39	0.00	3.00	2.97	11.33			
	<i>Boys</i>	595	0.30	0.52	0.00	3.25	2.49	7.11			
	Treatment								3	6.59	.000
	<i>Control</i>	321	0.18	0.38	0.00	2.50	2.98	10.17			
	<i>Triple P</i>	283	0.24	0.51	0.00	3.25	2.92	9.89			
	<i>PATHS</i>	318	0.23	0.43	0.00	3.25	2.76	10.51			
	<i>Combination</i>	241	0.35	0.53	0.00	3.00	2.20	5.34			
Comments:											
1) Number of accepted missing items: 1;											
2) Subtraction of 1 from total scale for mean computing;											
3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences;											
4) All subgroups with excessive skewness and high kurtosis.											

Correlations with Subscales & DVs	Non-Aggressive Conduct Disorder Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
Subscales										
Teacher SBQ										
	<i>Total Aggression</i>	.613	***	1150	.561	***	588	.690	***	562
	<i>Prosociality</i>	-.243	***	1142	-.188	***	583	-.273	***	559
Parent SBQ										
	<i>Aggression</i>	.074	*	1032	.051	ns	538	.065	ns	494
	<i>Prosociality</i>	.030	ns	1022	.066	ns	531	.032	ns	491
Child SBQ										
	<i>Aggression</i>	.032	ns	1152	.011	ns	589	.044	ns	563
	<i>Prosociality</i>	-.088	**	1152	-.058	ns	589	-.107	*	563
<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments:										
1) Significant correlations with <i>Teacher SBQ</i> ; 2) Significant correlation with <i>Child SBQ Prosociality</i> disappears for <b>Boys</b> subgroup.										

## 5. Opposition / Defiance Subscale

Variable Wording & Case Summary	Opposition Subscale										
	Variable Name	Label	Wording	Missings (%)							
	T1.2_SBQ27	Opposition27	ungehorsam/ disobedient	4 (0.3%)							
	T1.2_SBQ30	Opposition30	ignoriert Sie/ ignores you	2 (0.2%)							
Total N = 1171											
Descriptive Statistics	Opposition Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .888$ )			
	T1.2_SBQ27	Opposition27	1.52	0.86	1.73	2.66	.799	-----			
	T1.2_SBQ30	Opposition30	1.53	0.88	1.68	2.33	.799	-----			
Comments: 1) T1.2_SBQ27 and T1.2_SBQ30 include only few cases for value 4 and 5. 2) Both items with excessive skewness and high kurtosis.											
Sum Index Descriptive Statistics	Opposition Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
									df	F	p
	Full sample	1165	0.53	0.82	0.00	4.00	1.71	2.59			
Gender								1	49.24	.000	
Girls	568	0.36	0.69	0.00	4.00	2.39	6.40				
Boys	597	0.69	0.91	0.00	4.00	1.30	1.02				
Treatment								3	10.74	.000	
Control	326	0.37	0.75	0.00	4.00	2.28	4.72				
Triple P	283	0.49	0.82	0.00	4.00	2.00	3.94				
PATHS	318	0.57	0.81	0.00	4.00	1.57	2.31				
Combination	238	0.75	0.88	0.00	4.00	1.16	0.85				
Comments: 1) Number of accepted missing items: 0; 2) Subtraction of 1 from total scale for mean computing; 3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences; 4) All subgroups with excessive skewness and high kurtosis.											
Correlations with Subscales & DVs	Opposition Subscale										
	Variable	r	p <sup>1</sup>	N	Boys			Girls			
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N	
	Subscales										
Teacher SBQ											
<i>Total Aggression</i>	.611	***	1151	.574	***	589	.632	***	562		
<i>Prosociality</i>	-.346	***	1142	-.316	***	585	-.297	***	557		
Parent SBQ											
<i>Aggression</i>	.167	***	1033	.172	***	540	.079	ns	493		
<i>Prosociality</i>	-.029	ns	1022	.019	ns	532	-.009	ns	490		
Child SBQ											
<i>Aggression</i>	.126	***	1154	.106	**	591	.127	***	563		
<i>Prosociality</i>	-.057	ns	1154	-.036	ns	591	-.031	ns	563		
<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments: 1) Significant correlations with <i>Teacher SBQ</i> and with <i>Child SBQ Aggression</i> ; 2) Significant correlation with <i>Parent SBQ Aggression</i> disappears for <b>Girls</b> subgroup.											

## 6. Physical Aggression Subscale

Variable Name	Label	Wording	Missings (%)	
			Count	Percentage
T1.2_SBQ33	Physicalaggression33	Prügeleien/ fights	5	(0.4%)
T1.2_SBQ34	Physicalaggression34	greift andere an/ attacks people	6	(0.5%)
T1.2_SBQ35	Physicalaggression35	tritt, beißt, schlägt/ kicks, bites, hits	7	(0.6%)
T1.2_SBQ36	Physicalaggression36	quält, tyrannisiert/ cruel, bullies, mean	9	(0.8%)
Total N = 1171				
Comments :				
1) T_SBQ36 includes only few cases for value 2, 3, 4 and 5: ceiling effect.				

Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .925$ )
T1.2_SBQ33	Physicalaggression33	1.62	0.95	1.47	1.44	.844	.900
T1.2_SBQ34	Physicalaggression34	1.56	0.89	1.63	2.23	.913	.873
T1.2_SBQ35	Physicalaggression35	1.45	0.82	2.02	3.90	.894	.882
T1.2_SBQ36	Physicalaggression36	1.36	0.75	2.36	5.67	.678	.948

Comments:

- All items include only very few cases for values 4 and 5;
- Item T1.2\_SBQ36 with low item-scale\_correlation and increased alpha when removed.

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1166	0.55	0.85	0	4.00	1.74	2.74			
Gender								1	134.0	.000
<i>Girls</i>	568	0.27	0.59	0	3.67	2.83	8.75			
<i>Boys</i>	598	0.81	0.96	0	4.00	1.19	0.96			
Treatment								3	7.54	.000
<i>Control</i>	325	0.42	0.76	0	4.00	2.23	5.26			
<i>Triple P</i>	281	0.48	0.76	0	3.75	1.74	2.52			
<i>PATHS</i>	318	0.45	0.70	0	3.75	1.95	4.25			
<i>Combination</i>	241	0.71	0.87	0	3.75	1.36	1.21			

Comments:

- Number of accepted missing items:1;
- Subtraction of 1 from total scale for mean computing;
- Significant F-value for *Gender* and *Treatment* group differences;
- All subgroups with excessive skewness and high kurtosis.

Correlations with Subscales & DVs	Physical Aggression Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
	Subscales									
	Teacher SBQ									
	<i>Total Aggression</i>	.902	***	1157	.920	***	593	.869	***	564
	<i>Prosociality</i>	-.359	***	1147	-.306	***	589	-.301	***	558
	Parent SBQ									
	<i>Aggression</i>	.165	***	1035	.139	**	540	.104	*	495
	<i>Prosociality</i>	-.018	ns	1024	.048	ns	532	.006	ns	492
	Child SBQ									
	<i>Aggression</i>	.113	***	1154	.138	**	591	.032	ns	563
	<i>Prosociality</i>	-.079	**	1154	-.050	ns	591	-.042	ns	563
	1 *** p<.001, ** p<.01, * p<.05, ns p>.05									
	Comments:									
	1) Significant correlation with <i>Teacher SBQ</i> and <i>Parent SBQ Aggression</i> ;									
	2) Significant correlation with <i>Child SBQ Aggression</i> disappears for <b>Girls</b> subgroup.									

## 7. Prosociality Subscale

Variable Wording & Case Summary	Variable Name	Label	Wording		Missings (%)	
	T1.2_SBQ41	Prosociality41	hilft bei Durcheinander/ helps clear up a mess			12 (1.0%)
T1.2_SBQ42	Prosociality42	Zank beenden/ stops a quarrel			24 (2.0%)	
T1.2_SBQ43	Prosociality43	hilft verletztem Kind/ helps so who has been hurt			27 (2.3%)	
T1.2_SBQ44	Prosociality44	mitspielen/ invites to join a game			17 (1.0%)	
T1.2_SBQ45	Prosociality45	hilft aufzuheben/ helps to pick up dropped objects			22 (1.9%)	
T1.2_SBQ46	Prosociality46	kümmert sich um Weinende/ comforts a crying child			21 (1.8%)	
T1.2_SBQ49	Prosociality47	teilt mit anderen/ shares things with others			26 (2.2%)	
Total N = 1171						

Descriptive Statistics	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .925$ )
	T1.2_SBQ41	Prosociality41	3.03	1.10	0.01	-0.66	.733	.917
T1.2_SBQ42	Prosociality42	2.95	1.06	0.07	-0.56	.794	.911	
T1.2_SBQ43	Prosociality43	3.43	1.01	-0.26	-0.39	.803	.910	
T1.2_SBQ44	Prosociality44	3.40	0.97	-0.38	-0.09	.698	.920	
T1.2_SBQ45	Prosociality45	3.07	1.10	-0.03	-0.67	.781	.912	
T1.2_SBQ46	Prosociality46	3.33	1.04	-0.20	-0.46	.821	.908	
T1.2_SBQ49	Prosociality47	3.35	0.92	-0.08	-0.26	.726	.918	

Comments:  
1) High alpha value, high item-scale-correlation.

Sum Index Descriptive Statistics	Prosociality Subscale									
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA	
								df	F	p
Full sample	1148	2.23	0.86	0.00	4.00	0.04	-0.20			
Gender								1	108.5	.000
<i>Girls</i>	559	2.48	0.81	0.00	4.00	-0.08	-0.15			
<i>Boys</i>	589	1.98	0.83	0.00	4.00	0.12	0.05			
Treatment								3	5.97	.000
<i>Control</i>	326	2.23	0.85	0.00	4.00	-0.08	0.07			
<i>Triple P</i>	266	2.05	0.84	0.00	4.00	0.10	0.00			
<i>PATHS</i>	318	2.35	0.82	0.43	4.00	0.04	-0.42			
<i>Combination</i>	238	2.25	0.89	0.29	4.00	0.15	-0.44			

Comments:  
1) Number of accepted missing items: 2;  
2) Subtraction of 1 from total scale for mean computing;  
3) Significant F-value for *Gender* and *Treatment* group differences.

Correlations with Subscales & DVs	Prosociality Subscale									
	Variable				Boys			Girls		
		r	p <sup>1</sup>	N	r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
Subscales										
Teacher SBQ										
	<i>Total Aggression</i>	-.359	***	1146	-.303	***	588	-.347	***	558
	<i>Prosociality</i>	-----	---	-----	-----	---	-----	-----	---	-----
Parent SBQ										
	<i>Aggression</i>	-.031	ns	1021	.014	ns	533	.031	ns	488
	<i>Prosociality</i>	.149	***	1010	.113	***	525	.089	ns	485
Child SBQ										
	<i>Aggression</i>	-.124	***	1137	-.102	*	583	-.112	**	554
	<i>Prosociality</i>	.127	***	1137	.116	**	583	.071	ns	554
<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments:										
1) Significant correlation with <i>Teacher SBQ</i> and <i>Child SBQ Aggression</i> ; 2) Significant correlations with <i>Parent SBQ Prosociality</i> and <i>Child SBQ Prosociality</i> disappears for <b>Girls</b> subgroup.										

## 8. Pro-active Aggression Subscale

Variable Wording & Case Summary	Pro-active Aggression Subscale								Missings (%)		
	Variable Name	Label	Wording								
	T1.2_SBQ37	Proactiveaggression37	bedroht/ threatens people					15 (1.3%)			
	T1.2_SBQ50	Proactiveaggression50	veranlasst zu plagen/ encourages to pick on a particular child					19 (1.6%)			
	T1.2_SBQ51	Proactiveaggression51	versucht zu beherrschen/ tries to dominate					13 (1.1%)			
T1.2_SBQ52	Proactiveaggression52	schüchtert ein/ scares other children					15 (1.3%)				
Descriptive Statistics	Pro-active Aggression Subscale								α If Item Removed (α = .883)		
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation				
	T1.2_SBQ37	Proactiveaggression37	1.36	0.68	2.07	4.39	.687	.873			
	T1.2_SBQ50	Proactiveaggression50	1.46	0.74	1.58	2.04	.782	.837			
	T1.2_SBQ51	Proactiveaggression51	1.63	0.95	1.47	1.34	.763	.858			
T1.2_SBQ52	Proactiveaggression52	1.32	0.68	2.36	5.63	.808	.832				
Comments:											
1) All items include only few cases for values 4 and 5;											
2) Items T1.2_SBQ37 and T1.2SBQ52 with high kurtosis.											
Sum Index Descriptive Statistics	Pro-active Aggression Subscale								ANOVA		
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	df	F	p
	Full sample	1156	0.44	0.66	0.00	3.75	1.83	3.22			
	Gender								1	1.58	.209
	Girls	562	0.42	0.63	0.00	3.75	1.91	3.80			
	Boys	594	0.47	0.69	0.00	3.25	1.76	2.77			
	Treatment								3	8.47	.000
	Control	322	0.34	0.62	0.00	3.75	2.49	6.89			
	Triple P	275	0.41	0.65	0.00	2.75	1.83	2.73			
	PATHS	318	0.44	0.60	0.00	3.25	1.60	2.75			
	Combination	241	0.61	0.76	0.00	3.25	1.41	1.35			
Comments:											
1) Number of accepted missing items: 2;											
2) Subtraction of 1 from total scale for mean computing;											
3) Significant F-value for <i>Treatment</i> group differences;											
4) Excessive skewness and high kurtosis for all subgroups.											



Correlations with Subscales & DVs	Pro-active Aggression Subscale									
	Variable	r	p <sup>1</sup>	N	Boys			Girls		
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
	Subscales									
	Teacher SBQ									
	<i>Total Aggression</i>	.877	***	1153	.890	***	591	.891	***	562
	<i>Prosociality</i>	-.295	***	1143	-.251	***	586	-.348	***	557
	Parent SBQ									
	<i>Aggression</i>	.139	***	1030	.127	***	538	.152	**	492
	<i>Prosociality</i>	-.007	ns	1019	.048	ns	530	-.068	ns	489
	Child SBQ									
	<i>Aggression</i>	.079	**	1145	.105	*	588	.043	ns	557
	<i>Prosociality</i>	-.031	ns	1145	-.011	ns	588	-.047	ns	557
	1 *** p<.001, ** p<.01, * p<.05, ns p>.05									
	Comments:									
	1) Significant correlations with <i>Teacher SBQ</i> and <i>Parent SBQ Aggression</i> ;									
	2) Significant correlation with <i>Child SBQ Aggression</i> disappears for <b>Girls</b> subgroup.									

## 9. Reactive Aggression Subscale

Variable Wording & Case Summary	Reactive Aggression Subscale										
	Variable Name	Label	Wording					Missings (%)			
	T1.2_SBQ53	Reactiveaggression53	aggressiv wenn geneckt/ aggressive manner when teased					8 (0.7%)			
	T1.2_SBQ54	Reactiveaggression54	aggressiv wenn weggenommen/ aggressive manner when something is taken					10 (0.9%)			
	T1.2_SBQ55	Reactiveaggression55	aggressiv wenn widersprochen/ aggressive when contradicted					8 (0.7%)			
Total N = 1171											
Descriptive Statistics	Reactive Aggression Subscale										
	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item Removed ( $\alpha = .926$ )			
	T1.2_SBQ53	Reactiveaggression53	2.07	1.10	0.79	-0.24	.869	.877			
	T1.2_SBQ54	Reactiveaggression54	2.10	1.10	0.73	-0.29	.880	.868			
	T1.2_SBQ55	Reactiveaggression55	1.77	0.95	1.15	0.72	.811	.927			
Comments: 1) All items include only few cases for value 5; 2) High alpha-value;											
Sum Index Descriptive Statistics	Reactive Aggression Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
									df	F	p
	Full sample	1159	1.09	1.06	0	4.00	0.77	-0.19			
	Gender								1	46.42	.000
	<i>Girls</i>	563	0.80	0.6	0	4.00	0.95	0.24			
	<i>Boys</i>	596	1.29	1.12	0	4.00	0.58	-0.51			
	Treatment								3	9.46	.000
	<i>Control</i>	324	0.77	0.92	0	4.00	1.31	1.40			
	<i>Triple P</i>	281	1.02	1.02	0	4.00	0.78	-0.14			
<i>PATHS</i>	318	1.00	1.00	0	4.00	0.81	-0.15				
<i>Combination</i>	241	1.20	0.97	0	4.00	0.60	-0.20				
Comments: 1) Number of accepted missing items: 0; 2) Subtraction of 1 from total scale for mean computing; 3) Significant F-value for <i>Gender</i> and <i>Treatment</i> group differences; 4) <i>Control</i> subgroup with excessive skewness and high kurtosis.											

Correlations with Subscales & DVs	Reactive Aggression Subscale									
	Variable				Boys			Girls		
		r	p <sup>1</sup>	N	r	p <sup>1</sup>	N	r	p <sup>1</sup>	N
Subscales										
Teacher SBQ1.2										
<i>Total Aggression</i>										
	.885	***	1156	.891	***	593	.868	***	563	
<i>Prosociality</i>										
	-.300	***	1145	-.262	***	588	-.263	***	557	
Parent SBQ										
<i>Aggression</i>										
	.143	***	1034	.145	**	540	.081	ns	494	
<i>Prosociality</i>										
	-.027	ns	1023	.040	ns	532	-.051	ns	491	
Child SBQ										
<i>Aggression</i>										
	.102	**	1153	.108	***	591	.068	ns	562	
<i>Prosociality</i>										
	-.075	*	1153	-.044	ns	591	-.070	ns	562	
<sup>1</sup> *** p<.001, ** p<.01, * p<.05, ns p>.05 Comments: <ol style="list-style-type: none"> <li>1. Significant correlation with <i>Teacher SBQ</i>;</li> <li>2. Significant correlation with <i>Parent SBQ Aggression</i> and <i>Child SBQ Aggression</i> disappears for <b>Girls</b> subgroup.</li> </ol>										

## 10. Aggression Subscale

Variable Wording & Case Summary	Aggression Subscale							
	Variable Name	Label	Wording	Missings (%)				
	T1.2_SBQ33	Physicalaggression33	Prügeleien/ fights	5 (0.4%)				
	T1.2_SBQ34	Physicalaggression34	greift andere an/ attacks people	6 (0.5%)				
	T1.2_SBQ35	Physicalaggression35	tritt, beißt, schlägt/ kicks, bites, hits	7 (0.6%)				
	T1.2_SBQ36	Physicalaggression36	quält, tyrannisiert/ cruel, mean	9 (0.8%)				
	T1.2_SBQ37	Proactiveaggression37	bedroht/ threatens people	15 (1.3%)				
	T1.2_SBQ50	Proactiveaggression50	veranlasst zu plagen/ encourages to pick on a particular child	19 (1.6%)				
	T1.2_SBQ51	Proactiveaggression51	versucht zu beherrschen/ tries to dominate	13 (1.1%)				
	T1.2_SBQ52	Proactiveaggression52	schüchtert ein/ scares other children	15 (1.3%)				
	T1.2_SBQ53	Reactiveaggression53	aggressiv wenn geneckt/ aggressive manner when teased	8 (0.7%)				
	T1.2_SBQ54	Reactiveaggression54	aggressiv wenn weggenommen/ aggressive manner when something is taken	10 (0.9%)				
	T1.2_SBQ55	Reactiveaggression55	aggressiv wenn widersprochen/ aggressive when contradicted	8 (0.7%)				
Total N = 1171								
Descriptive Statistics	Variable Name	Label	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ if Item Removed ( $\alpha = .940$ )
	T1.2_SBQ33	Physicalaggression33	1.62	0.95	1.47	1.44	.740	.935
	T1.2_SBQ34	Physicalaggression34	1.56	0.89	1.63	2.23	.817	.931
	T1.2_SBQ35	Physicalaggression35	1.45	0.82	2.02	3.90	.797	.933
	T1.2_SBQ36	Physicalaggression36	1.36	0.75	2.36	5.67	.740	.935
	T1.2_SBQ37	Proactiveaggression37	1.36	0.68	2.07	4.39	.780	.934
	T1.2_SBQ50	Proactiveaggression50	1.46	0.74	1.58	2.04	.680	.937
	T1.2_SBQ51	Proactiveaggression51	1.63	0.95	1.47	1.34	.681	.937
	T1.2_SBQ52	Proactiveaggression52	1.32	0.68	2.36	5.63	.732	.936
	T1.2_SBQ53	Reactiveaggression53	2.07	1.10	0.79	-0.24	.784	.934
	T1.2_SBQ54	Reactiveaggression54	2.10	1.10	0.73	-0.29	.779	.934
	T1.2_SBQ55	Reactiveaggression55	1.77	0.95	1.15	0.72	.755	.934
Comments :								
1) All Items with excessive skewness and high kurtosis except T1.2_SBQ53 and T1.2SBQ54;								
2) High alpha-Value, high item-scale-correlation.								

Sum Index Descriptive Statistics	Aggression Subscale										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skew- ness	Kurtosis	ANOVA		
									df	F	p
Full sample	1157	0.61	0.70	0	3.73	1.56	2.36				
Gender								1	47.55	.000	
<i>Girls</i>	564	0.46	0.60	0	3.55	1.91	4.02				
<i>Boys</i>	593	0.74	0.77	0	3.73	1.28	1.38				
Treatment								3	9.95	.000	
<i>Control</i>	324	0.49	0.69	0	3.73	2.11	5.06				
<i>Triple P</i>	274	0.58	0.70	0	3.00	1.53	1.77				
<i>PATHS</i>	318	0.60	0.63	0	3.64	1.38	2.31				
<i>Combination</i>	241	0.81	0.78	0	3.55	1.19	0.84				
Comments:											
1) Number of accepted missing items: 3;											
2) Subtraction of 1 from total scale for mean computing;											
3) Significant F-values for <i>Gender</i> and <i>Treatment</i> group differences;											
4) All subgroups with excessive skewness and high kurtosis.											
Correlations with Subscales & DVs	Aggression Subscale										
	Variable	r	p <sup>1</sup>	N	Boys			Girls			
					r	p <sup>1</sup>	N	r	p <sup>1</sup>	N	
Subscales											
Teacher SBQ											
<i>Total Aggression</i>	-----	---	-----	-----	---	-----	-----	---	-----		
<i>Prosociality</i>	-.359	***	1146	-.303	***	588	-.347	***	558		
Parent SBQ											
<i>Aggression</i>	.171	***	1030	.159	***	537	.119	**	493		
<i>Prosociality</i>	-.025	ns	1019	.048	ns	529	-.054	ns	490		
Child SBQ											
<i>Aggression</i>	.113	***	1146	.132	**	587	.059	ns	559		
<i>Prosociality</i>	-.072	*	1146	-.046	ns	587	-.052	ns	559		
1 *** p<.001, ** p<.01, * p<.05, ns p>.05											
Comments:											
1) High correlations with <i>Teacher SBQ</i> and <i>Parent SBQ Aggression</i> ;											
2) Significant correlation with <i>Child SBQ Aggression</i> disappears for <b>Girls</b> group.											