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Technical Report

Parent Wave 4

Family Climate

Source/Developer	Peterborough study (P.O. Wikström)
Description	A short assessment of family conflict.
Number of Items	3
Response Categories	5-point Likert scale (from “very much disagree” to “very much agree”)
Item Example	“We are a happy family and like each other a lot.”
Administration	Wave 1, Wave2, Wave 3, Wave 4
History	

Family Climate Scale

Variable Values

- 5-point Likert scale
- 1- very much disagree
- 2- somewhat disagree
- 3- neither agree nor disagree
- 4- somewhat agree
- 5- very much agree

- 7- Does not apply (*MISSING*)
- 8- Don't know/ Can't remember (*MISSING*)
- 9- No answer/ Answer refused (*MISSING*)

Variable Wording & Case Summary

Variable Name	Label	Wording	Missings (%)
P4_7010	Family Climate 1	We are a happy family that like each other a lot	3 (0.3%)
P4_7020	Family Climate 2	We are a very tight family that like to spend time together as much as we can	3 (0.3%)
P4_7030	Family Climate 3	We have a lot of conflicts in the family and often get angry with each other	3 (0.3%)

Total N = 1075

Descriptive Statistics

Variable Name	Label	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	Item-Scale Correlation	α If Item Removed ($\alpha = .569$)
P4_7010	Family Climate 1	4.60	.677	1	9	-1.77	7.17	.470	.369
P4_7020	Family Climate 2	4.39	.792	1	9	-1.28	3.52	.411	.419
P4_7030r	Family Climate 3	1.96	.970	1	9	1.23	2.66	.296	.640

Comments: The variable P4_7030 has been reverse-scored (P4_7030r) and then it has been removed from the scale due to low item-scale correlation.

Sum Index Descriptive Statistics

Family Climate scale (P4_fclimate)

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1072	3.50	0.63	0.000	8.00	-1.29	6.15			
Gender								1	.094	.759
Girls	516	3.50	0.60	0.000	4.00	-1.91	5.96			
Boys	556	3.49	0.66	0.500	8.00	-0.84	6.22			
Treatment								3	.372	.774
Control	290	3.47	0.62	1.000	4.00	-1.54	2.81			
Triple P	255	3.49	0.59	0.000	4.00	-1.68	5.05			
PATHS	306	3.49	0.70	0.000	8.00	-0.58	8.00			
Combination	221	3.53	0.59	0.500	4.00	-2.09	6.79			
Language								8	5.584	.000
German	737	3.45	0.63	0.000	8.00	-0.97	7.00			
Albanian	49	3.66	0.37	3.000	4.00	-0.62	-0.93			
Bos./Cro./Serb.	71	3.85	0.35	2.000	4.00	-3.18	12.23			
English	18	3.58	0.55	2.500	4.00	-1.27	0.45			
Italian	16	3.56	0.83	1.500	4.00	-1.70	1.61			
Portuguese	58	3.61	0.76	0.000	4.00	-2.93	10.37			
Spanish	39	3.24	0.76	1.000	4.00	-1.14	1.04			
Tamil	48	3.34	0.68	1.500	4.00	-1.00	0.20			
Turkish	36	3.68	0.54	2.000	4.00	-1.97	3.71			

Comments:

- 1) The variable P4_7030 has been excluded from the scale. The scale has been constructed by taking the average of the remaining variables. No missing variable was allowed. For the purpose of rescaling, 1 has been subtracted from the total scale.
- 2) The results of the ANOVA are highly significant for the language groups. ANOVA yielded no significant results either for the gender groups or the treatment groups.

Correlations *Family Climate Scale* (P4_fclimate)

with Subscales & DVs	Variable	Full Sample			Girls		Boys			
		r	p ¹	N	r	p ¹	N	r	p ¹	N
	Parent SBQ									
	<i>Aggression</i>									
	<i>Prosociality</i>									
	Teacher SBQ									
	<i>Aggression</i>									
	<i>Prosociality</i>									
	Child SBQ									
	<i>Aggression</i>									
	<i>Prosociality</i>									

¹ *** p<.001, ** p<.01, * p<.05, ns p>.05

Comments: