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Technical Report

Parent Wave 3

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 (%)
P3_7010	Family Climate 1	We are a happy family that like each other a lot	1 (0.1%)
P3_7020	Family Climate 2	We are a very tight family that like to spend time together as much as we can	2 (0.2%)
P3_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 = 1162

Descriptive Statistics

Variable Name	Label	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	Item-Scale Correlation	α If Item Removed ($\alpha = .610$)
P3_7010	Family Climate 1	4.64	.608	1	5	-2.11	6.05	.540	.402
P3_7020	Family Climate 2	4.50	.711	1	5	-1.64	3.12	.439	.489
P3_7030r	Family Climate 3	3.90	.974	1	5	-.852	.238	.353	.687

Comments: The variable P3_7030 has been reverse-scored and then it has been removed from the scale due to low item-scale correlation.

Sum Index Descriptive Statistics

Family Climate scale (P3_fclimate)

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1,160	3.57	.578	.000	4.00	-1.95	5.41			
Gender								1	2.00	.157
Girls	557	3.60	.563	.500	4.00	-2.09	6.10			
Boys	603	3.55	.590	.000	4.00	-1.84	4.93			
Treatment								3	1.30	.273
Control	313	3.52	.630	.500	4.00	-1.80	4.19			
Triple P	274	3.59	.591	.000	4.00	-2.22	7.40			
PATHS	323	3.59	.523	1.00	4.00	-1.82	5.21			
Combination	250	3.60	.561	1.00	4.00	-1.91	4.83			
Language								8	10.64	.000
German	774	3.49	.583	1.00	4.00	-1.51	3.12			
Albanian	66	3.85	.533	.000	4.00	-6.11	42.87			
Bos./Cro./ Serb.	83	3.92	.214	3.00	4.00	-2.83	7.80			
English	17	3.50	.771	1.00	4.00	-2.32	6.64			
Italian	19	3.71	.451	2.50	4.00	-1.52	1.59			
Portuguese	70	3.81	.373	2.50	4.00	-1.86	2.30			
Spanish	45	3.46	.767	.500	4.00	-2.13	5.61			
Tamil	49	3.50	.559	1.00	4.00	-2.33	8.04			
Turkish	37	3.73	.572	1.00	4.00	-3.36	14.10			

Comments:

- 1) The variable P3_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 ($F(8,1151) = 10.64, p < .001$). ANOVA yielded no significant results either for the gender groups ($F(1,1158) = 2.00, p > .05$) or the treatment groups ($F(3,1156) = 1.30, p > .05$).

Correlations with Subscales & DVs *Family Climate Scale* (P3_fclimate)

Variable	r	Full Sample p ¹	N	r	Girls p ¹	N	r	Boys p ¹	N
Parent SBQ									
<i>Aggression</i>	-.217	***	1156	-.162	***	555	-.256	***	601
<i>Prosociality</i>	.142	***	1146	.137	**	551	.139	***	595
Teacher SBQ									
<i>Aggression</i>	-.020	ns	1111	.002	ns	527	-.021	ns	584
<i>Prosociality</i>	.038	ns	1107	.035	ns	527	.016	ns	580
Child SBQ									
<i>Aggression</i>	-.082	**	1145	-.063	ns	548	-.087	*	597
<i>Prosociality</i>	.020	ns	1145	.049	ns	548	-.007	ns	597

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

Comments: The family climate scale is moderately and significantly correlated with the child aggression/prosociality measures only when the informant is the parent. Overall, the scale yields low predictive validity.