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Technical Report

Parent Wave 2

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 History	Wave 1, Wave2, Wave 3

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 (%)
P2_4010	Family Climate 1	We are a happy family that like each other a lot	2 (0.2%)
P2_4020	Family Climate 2	We are a very tight family that like to spend time together as much as we can	2 (0.2%)
P2_4030	Family Climate 3	We have a lot of conflicts in the family and often get angry with each other	5 (0.4%)

Total N = 1190

Descriptive Statistics

Variable Name	Label	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	Item-Scale Correlation	α If Item Removed ($\alpha = .546$)
P2_4010	Family Climate 1	4.67	.589	1	5	-2.14	6.21	.481	.331
P2_4020	Family Climate 2	4.56	.694	1	5	-1.88	4.28	.403	.390
P2_4030r	Family Climate 3	3.93	1.01	1	5	-.794	-.191	.278	.684

Comments: The variable P2_4030 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 (P2_fclimate)

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1188	3.62	.560	.000	4.00	-1.82	4.29			
Gender								1	.196	.658
Girls	566	3.62	.544	.500	4.00	-1.65	3.14			
Boys	622	3.61	.576	.000	4.00	-1.95	5.10			
Treatment								3	.132	.941
Control	316	3.61	.570	1.00	4.00	-1.82	3.65			
Triple P	283	3.62	.581	.000	4.00	-2.26	7.91			
PATHS	333	3.61	.538	2.00	4.00	-1.35	1.24			
Combination	256	3.63	.557	1.00	4.00	-1.85	4.18			
Language								8	12.76	.000
German	797	3.52	.588	.500	4.00	-1.37	2.08			
Albanian	69	3.96	.156	3.00	4.00	-4.73	23.88			
Bos./Cro./ Serb.	85	3.92	.254	3.00	4.00	-3.06	8.15			
English	18	3.44	.616	2.00	4.00	-1.04	0.29			
Italian	17	3.79	.398	3.00	4.00	-1.59	0.80			
Portuguese	70	3.86	.318	2.50	4.00	-2.50	5.96			
Spanish	46	3.70	.532	1.00	4.00	-3.17	13.97			
Tamil	48	3.72	.643	.000	4.00	-4.39	24.01			
Turkish	38	3.67	.584	1.50	4.00	-2.33	5.62			

Comments:

1) The variable P2_4030 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 ($F(8,1179) = 12.76, p < .001$). ANOVA yielded no significant results either for the gender groups ($F(1,1186) = .196, p > .05$) or the treatment groups ($F(3,1184) = .132, p > .05$).

Correlations with Subscales & DVs *Family Climate Scale* (P2_fclimate)

Variable	r	Full Sample p ¹	N	r	Girls p ¹	N	r	Boys p ¹	N
Parent SBQ									
<i>Aggression</i>	-.213	***	1185	-.168	***	565	-.248	***	620
<i>Prosociality</i>	.219	***	1183	.225	***	562	.216	***	621
Teacher SBQ									
<i>Aggression</i>	-.013	ns	1158	-.005	ns	552	-.015	ns	606
<i>Prosociality</i>	.063	*	1159	.066	ns	553	.059	ns	606
Child SBQ									
<i>Aggression</i>	-.047	ns	1173	-.040	ns	557	-.050	ns	616
<i>Prosociality</i>	-.046	ns	1173	-.088	*	557	-.025	ns	616

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.