



Technical Report

Children Wave 2

The Trust Game

Source/Developer	<ul style="list-style-type: none"> Ken J. Rotenberg (University of Keele, UK) Rotenberg, K. J., McDougall, P., Boulton, M. J., Vallancourt, T., Fox, C. & Hymel, S. (2004). "Cross sectional relations among trustworthiness, social relationships, and psychological adjustment in children and early adolescents from the United Kingdom and Canada", <i>Journal of Experimental Child Psychology</i>, 88, 46-67 Rotenberg, K. J., Fox, C. L., Green, S., Ruderman, L., Slater, K., Stevens, K. & Carlo, G. (2005). "Construction and validation of a children's interpersonal trust belief scale", <i>British Journal of Developmental Psychology</i>, 23, 1-23 Rotenberg, K. J., Boulton, M. J., Fox, C. L. (2005). "Cross-Sectional and Longitudinal Relations Among Children's Trust Beliefs, Psychological Maladjustment and Social Relationships: Are Very High as Well as Very Low Trusting Children at Risk?", <i>Journal of Abnormal Child Psychology</i>, 33 (5), 595-610
Adaptations	Contrary to the original measure based on two assessments of trust, namely secret keeping and promise keeping, we only assessed the latter.
Description	A sociometric measure of trustfulness (trust beliefs) and trustworthiness. Participants are asked to rate each of their classmates as to whether they would "always", "sometimes", or "never" keep a promise. Basically, the average of <i>given</i> ratings is used as a measure of trustfulness while the average of <i>received</i> ratings indicates the level of trustworthiness.
Measured Concepts/ Subdimensions	<ul style="list-style-type: none"> Trustfulness Trustworthiness
Response Categories	3-point Likert scale (always, sometimes, never)
Administration History	Wave 2

Trustfulness

Case Summary & Descriptive Statistics "Trustfulness"

Variable Name	Missings (%)	Mean	Standard Deviation	Skewness	Kurtosis
K2_SRMActor	305 (22.8%)	1.71	0.40	0.53	0.23

N= 1335

Sum Index Descriptive Statistics

"Trustfulness"

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1030	1.71	0.40	0.87	3.06	0.53	0.23			
Gender								1	0.01	.940
Girls	527	1.71	0.37	0.87	2.97	0.43	0.13			
Boys	503	1.71	0.42	0.88	3.06	0.61	0.25			
Treatment								3	0.93	.424
Control	252	1.73	0.39	0.88	3.01	0.42	0.17			
Triple P	233	1.68	0.40	0.94	3.00	0.52	0.01			
PATHS	291	1.70	0.37	0.95	3.06	0.63	0.43			
Combination	254	1.73	0.42	0.87	3.01	0.54	0.29			

Correlations with Subscales & DVs

Variable	r	p	N	Boys			Girls		
				r	p	N	r	p	N
Subscales									
Trustworthiness	.365	***	1030	.419	***	503	.320	***	527
Child SBQ									
Aggression	.170	***	1030	.186	***	503	.154	***	527
Prosociality	-.117	***	1030	-.160	***	503	-.060	ns	527
Teacher SBQ									
Total Aggression	.106	**	1017	.094	*	497	.124	**	520
Prosociality	-.058	ns	1019	-.093	*	497	-.026	ns	522
Parent SBQ									
Aggression	.062	ns	896	.067	ns	449	.059	ns	447
Prosociality	-.026	ns	893	-.048	ns	450	-.004	ns	443

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

Comments:

1) Significant correlation with Child SBQ Prosociality disappears for girls subgroup

Trustworthiness

Case Summary & Descriptive Statistics

Variable Name	Missings (%)	Mean	Standard Deviation	Skewness	Kurtosis
K2_SRMPartner	305 (22.8%)	1.71	0.38	0.46	-0.18

N= 1335

Sum Index Descriptive Statistics

"Trustworthiness"

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1030	1.71	0.38	0.97	2.98	0.46	-0.18			
Gender								1	35.62	.000
Girls	527	1.64	0.37	0.99	2.88	0.61	0.12			
Boys	503	1.78	0.38	0.97	2.98	0.33	-0.29			
Treatment								3	0.62	.599
Control	252	1.73	0.35	1.07	2.98	0.51	0.24			
Triple P	233	1.69	0.40	0.99	2.76	0.48	-0.41			
PATHS	291	1.70	0.36	0.99	2.88	0.50	0.05			
Combination	254	1.73	0.41	0.97	2.79	0.38	-0.45			

Comments:

- 1) Gender group differences with significant F-value

Correlations with Subscales & DVs

Variable	r	p	N	Boys			Girls		
				r	p	N	r	p	N
Subscales									
Trustfulness	.365	***	1030	.419	***	503	.320	***	527
Child SBQ									
Aggression	.172	***	1030	.227	***	503	.064	ns	527
Prosociality	-.153	***	1030	-.160	***	503	-.083	ns	527
Teacher SBQ									
Total Aggression	.374	***	1017	.342	***	497	.378	***	520
Prosociality	-.198	***	1019	-.186	***	497	-.128	**	522
Parent SBQ									
Aggression	.152	***	896	.129	**	449	.122	*	447
Prosociality	-.067	*	893	-.020	ns	450	-.054	ns	443

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

Comments:

- 1) Significant correlations with Child SBQ Aggression and Prosociality disappear for girls subgroup
- 2) Significant correlation with Parent SBQ Prosociality gets insignificant after division in boys and girls subgroups