

Table S1

Extended model (father's and mother's warmth as simultaneous predictors): path coefficients and specific indirect effects

Panel A. Direct path coefficients

Path	β	t	p	Decision
X1 $\rightarrow$ M1	.18	2.42	.016	Supported
X1 $\rightarrow$ M2	.22	3.00	.003	Supported
X1 $\rightarrow$ M3	.10	1.71	.088	Not supported
X2 $\rightarrow$ M1	.19	2.55	.011	Supported
X2 $\rightarrow$ M2	.21	2.93	.004	Supported
X2 $\rightarrow$ M3	.09	1.73	.084	Not supported
M1 $\rightarrow$ M3	.55	10.76	< .001	Supported
M2 $\rightarrow$ M3	.08	1.07	.284	Not supported
M1 $\rightarrow$ Y	.31	4.70	< .001	Supported
M2 $\rightarrow$ Y	.19	3.11	.002	Supported
M3 $\rightarrow$ Y	.07	1.00	.317	Not supported
X1 $\rightarrow$ Y	.06	0.96	.336	Not supported
X2 $\rightarrow$ Y	.17	2.67	.008	Supported

*Warm fathering
and intrinsic
motivation:
the role of basic
psychological
needs*

Note. X1 – father's warmth; X2 – mother's warmth; M1 – autonomy; M2 – relatedness; M3 – competence; Y – intrinsic motivation. Bootstrapping based on 5,000 subsamples.

Panel B. Specific indirect effects

Path	β	t	p	Decision
X1 $\rightarrow$ M1 $\rightarrow$ Y	.06	2.07	.039	Supported
X2 $\rightarrow$ M1 $\rightarrow$ Y	.06	2.10	.036	Supported
X1 $\rightarrow$ M2 $\rightarrow$ Y	.04	2.43	.016	Supported
X2 $\rightarrow$ M2 $\rightarrow$ Y	.04	1.96	.051	Not supported
X1 $\rightarrow$ M3 $\rightarrow$ Y	.01	0.92	.361	Not supported
X2 $\rightarrow$ M3 $\rightarrow$ Y	.01	0.72	.475	Not supported
X1 $\rightarrow$ M1 $\rightarrow$ M3	.10	2.39	.017	Supported
X2 $\rightarrow$ M1 $\rightarrow$ M3	.10	2.35	.019	Supported
X1 $\rightarrow$ M2 $\rightarrow$ M3	.02	0.90	.369	Not supported
X2 $\rightarrow$ M2 $\rightarrow$ M3	.02	0.96	.337	Not supported
X1 $\rightarrow$ M1 $\rightarrow$ M3 $\rightarrow$ Y	.01	0.84	.400	Not supported
X2 $\rightarrow$ M1 $\rightarrow$ M3 $\rightarrow$ Y	.01	0.77	.440	Not supported
X1 $\rightarrow$ M2 $\rightarrow$ M3 $\rightarrow$ Y	.00	0.45	.650	Not supported
X2 $\rightarrow$ M2 $\rightarrow$ M3 $\rightarrow$ Y	.00	0.53	.596	Not supported

Note. Rows correspond to every specific indirect pathway from father's warmth (X1) or mother's warmth (X2) to intrinsic motivation (Y) via one or two of the three basic psychological needs. Two additional specific-indirect paths generated automatically by SmartPLS for the mediator-to-mediator link "M1 $\rightarrow$ M3 $\rightarrow$ Y" and "M2 $\rightarrow$ M3 $\rightarrow$ Y" (i.e., not originating from either warmth predictor) are omitted, as they are not part of the hypothesized father/mother pathways. Source: SmartPLS 3 bootstrapping output (5,000 subsamples), extended structural model including maternal warmth (X2) as a simultaneous predictor alongside paternal warmth (X1).