Table 1: Intergroup General

	Aggregated (across participants)							Contemporaneous [within participants]							
	Study 1		Study 2		Study 3		Study 1		Study 2		Study 3				
	В	η_p	В	η_p	В	η_p	В	β	В	β	В	β			
(Intercept)	70.50**** [66.06, 74.94]		67.62**** [64.16, 71.08]		64.83**** [61.50, 68.16]		67.44*** [61.71, 73.17]		63.72**** [59.42, 68.01]		56.30**** [51.58, 61.02]				
SumContactNL	0.27 [-0.15, 0.69]	0.02	0.81** [0.32, 1.29]	0.08	0.15 [-0.08, 0.38]	0.02									
AvQuality	0.84** [0.36, 1.33]	0.39	0.25 [-0.14, 0.64]	0.01	0.36* [0.04, 0.68]	0.07									
SumContactNL:AvQuality	-0.05** [-0.08, -0.01]	0.34	0.02 [-0.03, 0.08]	0.01	0.01 [-0.02, 0.03]	0.01									
OutgroupInteraction							2.48**** [1.36, 3.59]	1.07 [0.59, 1.54]	2.99*** [1.45, 4.54]	0.11 [0.07, 0.16]	5.63**** [3.97, 7.29]	0.21 [0.15, 0.27			
NonOutgroupInteraction							0.43 [-0.68, 1.54]	0.16 [-0.32, 0.63]	0.01 [-0.76, 0.78]	0.01 (-0.03, 0.05)	0.34 [-0.49, 1.18]	0.02 [-0.02, 0.05			
Random															
a^2							69.92		77.46		88.1				
T ₀₀							164.13 (PID)		488.38 (PID)		366.51 (PID)				
.00							104.15 (115)		48.94 (PID.OutgroupInteraction)		40.53 (PID.OutgroupInteraction)				
T11									7.23 (PID.NonOutgroupInteraction)		3.43 (PID.NonOutgroupInteraction)				
									-0.72 (PID.OutgroupInteraction)		-0.70 (PID.OutgroupInteraction)				
ρ_{01}									-0.28 (PID.NonOutgroupInteraction)						
ρ_{00}							0.00 (PID.OutgroupInteraction-NonOutgroupInteraction)		0.26 (PID.OutgroupInteraction-NonOutgroupInteraction)						
									0.00 (1 ID.Outgroupinteraction (tonoutgroupinteraction)		0.20 (Fib. Outgroupinteraction FronOutgroupinteraction)				
Fit															
Groups							23		113		71				
N_	21		113		71		1225		4965		3907				
F Test	F(3, 17) = 6.66, p = 0.004		F(3, 109) = 3.75, p = 0.013		F(3, 67) = 2.15, p = 0.102										
$R^{2(a)}$	0.540 / 0.459		0.094 / 0.069		0.088 / 0.047		0.006 / 0.703		0.003 / 0.817		0.026 / 0.708				
AIC							8788		36476		29074				
BIC							8814		36542		29137				
ICC							0.7013		0.8167		0.7007				

Note:
Note:
Pill = Participant ID number (grouping variable) ig_{mol}^{*} : random slope -intercept correlation(s), rho_{00} : correlation(s) between random slopes ig_{mol}^{*} : residual variance, tau_{00} : random intercept variance, tau_{11} : random slope -intercept correlation(s), rho_{00} : correlation(s) between random slopes ig_{mol}^{*} : ig_{mol}^{*} : residual variance, tau_{00}^{*} : ig_{mol}^{*} : $ig_{$

Table 2: Robustness Analyses

		Contact [Full Sample]							Self-Determination Theory [Outgroup Interactions only]					
	Study 1		Study 2		Study 3	Study I		Study 2		Study 3				
	В	β	В	β	В	β	В	β	В	β	В	β		
Fixed														
(Intercept)	68.88**** [63.24, 74.53]		63.90**** [59.56, 68.24]		57.06**** [52.63, 61.48]		72.53**** [66.79, 78.27]		70.69**** [67.53, 73.85]		68.32**** [65.11, 71.53]			
CoreNeed	-0.10* [-0.18, -0.01]	0.15 [0.07, 0.22]	-0.03 (-0.08, 0.02)	0.08 [0.05, 0.12]	-0.14**** [-0.21, -0.08]	0.12 [0.08, 0.16]	0.09* [0.01, 0.18]	0.20 [0.09, 0.31]	0.08** [0.03, 0.13]	0.08 [0.00, 0.16]	0.15*** [0.07, 0.22]	0.13 [0.07, 0.20]		
OutgroupInteraction	1.81* [0.25, 3.37]	0.14 [0.03, 0.24]	2.88*** [1.36, 4.40]	0.11 [0.06, 0.15]	5.41**** [3.74, 7.07]	0.21 [0.15, 0.27]								
CoreNeed:OutgroupInteraction	0.13**** [0.07, 0.18]	0.13 [0.07, 0.18]	0.06** [0.02, 0.10]	0.04 [0.01, 0.08]	0.17**** [0.12, 0.21]	0.08 [0.05, 0.11]								
Competence							0.05 (-0.16, 0.25)	-0.05 (-0.21, 0.11)	0.06* (0.01, 0.10)	0.07 (-0.02, 0.17)	0.06* (0.02, 0.10)	0.09 [0.02, 0.15]		
Autonomy							0.06 [-0.12, 0.23]	0.20 [0.09, 0.31]	0.03 [-0.02, 0.08]	0.04 [-0.06, 0.14]	0.04 [-0.01, 0.08]	0.06 [-0.01, 0.13]		
Relatedness							0.10*** [0.05, 0.14]	0.23 [0.13, 0.34]	0.07*** [0.04, 0.10]	0.17 [0.09, 0.25]	0.06** [0.02, 0.09]	0.11 [0.05, 0.18]		
Random														
σ^2	64.7		77.34		84.37		41.11		82.65		83.36			
T ₀₀	174.00 (PID)		523.56 (PID)		339.72 (PID)		176.39 (PID)		262.18 (PID)		181.84 (PID)			
-60							0.02 (PID.CoreNeed)		0.01 (PID.CoreNeed)		0.05 (PID.CoreNeed)			
	0.01 (PID.CoreNeed)		0.00 (PID.CoreNeed)		0.01 (PID.CoreNeed)		0.20 (PID.Competence)		0.00 (PID.Competence)		0.01 (PID.Competence)			
T ₁₁	6.05 (PID.OutgroupInteraction)		46.82 (PID.OutgroupInteraction)		40.96 (PID.OutgroupInteraction)		0.14 (PID.Autonomy)		0.00 (PID.Autonomy)		0.00 (PID.Autonomy)			
							0.00 (PID.Relatedness)		0.00 (PID.Relatedness)		0.01 (PID.Relatedness)			
							0.55 (PID.CoreNeed)		-0.16 (PID.CoreNeed)		-0.25 (PID.CoreNeed)			
	0.01 (PID.CoreNeed)		0.27 (PID.CoreNeed)		-0.15 (PID.CoreNeed)		-0.15 (PID.Competence)		-0.05 (PID.Competence)		-0.29 (PID.Competence)			
ροι	-0.27 (PID.OutgroupInteraction)		-0.68 (PID.OutgroupInteraction)		-0.68 (PID.OutgroupInteraction)		-0.09 (PID.Autonomy)		-0.44 (PID.Autonomy)		-0.23 (PID.Autonomy)			
					(0.56 (PID.Relatedness)		-0.20 (PID.Relatedness)		0.02 (PID.Relatedness)			
							0.03 (PID.CoreNeed-Autonomy)		0.60 (PID.CoreNeed-Autonomy)		0.57 (PID.CoreNeed-Autonomy)			
							-0.93 (PID.Competence-Autonomy)		0.83 (PID.Competence-Autonomy)		-0.68 (PID.Competence-Autonomy)			
							-0.11 (PID.CoreNeed-Competence)		0.20 (PID.CoreNeed-Competence)		0.09 (PID.CoreNeed-Competence)			
ραο	0.33 (PID.CoreNeed-OutgroupInteraction)		-0.08 (PID.CoreNeed-OutgroupInteraction)		0.01 (PID.CoreNeed-OutgroupInteraction)		0.17 (PID.CoreNeed-Relatedness)		0.42 (PID.CoreNeed-Relatedness)			1.27 (PID.CoreNeed-Relatedness)		
							0.16 (PID.Competence-Relatedness)		-0.79 (PID.Competence-Relatedness)		-0.31 (PID.Competence-Relatedness)			
							-0.10 (PID.Autonomy-Relatedness)		-0.35 (PID.Autonomy-Relatedness)		-0.08 (PID.Autonomy-Relatedness)			
Fit							,				,,,			
AIC	8761		36475		28974		2757		7219		12581			
BIC	8817		36546		29043		2840		7321		12695			
N N	1225		4965		3909		386		935		1672			
Groups	23		113		71		21		108		70			
ICC	0.722		0.8168		0.7112				200		0.6997			
R ² _{marrinal} / R ² _{conditional}	0.017 / 0.727		0.005 / 0.818		0.036 / 0.722		0.249 / NA		0.093 / NA		0.035 / 0.710			

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