

Supplementary Material: Predictors of Sexual Aggression Perpetration among Male and Female College Students: Cross-Cultural Evidence from Chile and Turkey

1) Prevalence Rates of Sexual Aggression Perpetration (Three-Level Sexual Aggression Score)

Table SM1

Sexual Aggression Perpetration in Percent at Both Measurement Waves, Broken Down by Country Sample and Gender

	T1				T2			
	Chilean sample		Turkish sample		Chilean sample		Turkish sample	
	female	male	female	male	female	male	female	male
No perpetration	82.6***	69.5***	82.4***	66.9***	92.2	82.4	78.1	73.4
Sexual coercion ¹	8.6	11.3	8.1	12.6	4.2	5.4	8.8	11.4
Attempted rape and rape	8.8***	19.2***	9.5***	20.5***	3.6**	12.2**	13.1	15.2

Note: ¹Participants who reported sexual contact, attempted sexual coercion, or coercion. ** $p < .01$; *** $p < .001$.

2) Measurement Invariance across Countries

Table SM2

Measurement Invariance across Chilean and Turkish Participants

	χ^2	df	RMSEA [90% CI]	TLI	CFI	Δ CFI
<i>Risk elements in sexual scripts</i>						
configural	391.676***	116	0.049 [0.044, 0.054]	0.947	0.966	-
metric	456.113***	129	0.051 [0.046, 0.056]	0.944	0.960	-.006
scalar	1013.641***	142	0.079 [0.074, 0.083]	0.863	0.893	-.067
partial scalar	544.126***	137	0.055 [0.050, 0.060]	0.934	0.950	-.010
<i>Normative acceptance of risk factors</i>						
configural	353.429***	92	0.054 [0.048, 0.060]	0.958	0.971	-
metric	431.032***	103	0.057 [0.051, 0.062]	0.953	0.964	-.007
scalar	1104.622***	114	0.094 [0.089, 0.099]	0.873	0.890	-.074
partial scalar	508.551***	111	0.060 [0.055, 0.065]	0.948	0.956	-.008
<i>Sexual self-esteem</i>						
configural	189.620***	66	0.043 [0.036, 0.051]	0.938	0.963	-
metric	246.169***	76	0.048 [0.041, 0.054]	0.925	0.948	-.015
partial metric	218.247***	75	0.044 [0.037, 0.051]	0.936	0.957	-.006
scalar ¹	668.300***	85	0.083 [0.077, 0.089]	0.771	0.823	-.134
partial scalar	247.754***	80	0.046 [0.040, 0.053]	0.930	0.949	-.008
<i>Initiation assertiveness</i>						
configural	8.580*	2	0.058 [0.022, 0.100]	0.969	0.990	-
metric	5.292	3	0.028 [0.000, 0.066]	0.993	0.996	+.006
scalar	126.634***	5	0.157 [0.134, 0.181]	0.773	0.811	-.185
partial scalar	5.963	4	0.022 [0.000, 0.057]	0.995	0.997	+.001

Note: ¹ The constraint on one loading was released; * $p < .05$, *** $p < .001$.

3) Measurement Invariance across Gender Groups

Table SM3

Measurement Invariance across Male and Female Participants

	χ^2	df	RMSEA [90% CI]	TLI	CFI	Δ CFI
<i>Risk elements in sexual scripts</i>						
configural	382.312***	116	0.048 [0.043, 0.054]	0.951	0.969	-
metric	443.375***	129	0.050 [0.045, 0.055]	0.948	0.963	-.006
scalar	1396.332***	142	0.094 [0.090, 0.099]	0.811	0.853	-.110
partial scalar	539.047***	137	0.054 [0.050, 0.059]	0.937	0.953	-.010
<i>Normative acceptance of risk factors</i>						
configural	346.130***	92	0.053 [0.047, 0.059]	0.959	0.972	-
metric	373.165***	103	0.051 [0.046, 0.057]	0.961	0.970	-.002
scalar	506.681***	114	0.059 [0.054, 0.064]	0.949	0.956	-.014
partial scalar	469.186***	112	0.057 [0.051, 0.062]	0.953	0.960	-.010
<i>Sexual self-esteem</i>						
configural	245.276***	66	0.052 [0.045, 0.059]	0.908	0.945	-
metric	263.360***	76	0.050 [0.043, 0.057]	0.917	0.942	-.003
scalar	492.112***	86	0.069 [0.063, 0.075]	0.840	0.875	-.067
partial scalar	300.140***	84	0.051 [0.045, 0.057]	0.913	0.933	-.009
<i>Initiation assertiveness</i>						
configural	0.838	2	0.000 [0.000, 0.049]	1.005	1.000	-
metric	2.042	3	0.000 [0.000, 0.046]	1.003	1.000	.000
scalar	158.868***	5	0.176 [0.153, 0.200]	0.715	0.762	-.238
partial scalar	53.453***	4	0.112 [0.086, 0.139]	0.885	0.924	-.076

Note: *** $p < .001$.

4) Complete List of Indirect Paths

Table SM4

Standardized Indirect Paths to Sexual Aggression Perpetration at T2

Indirect paths	Chilean sample	Turkish sample
Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	.04* [.007, .073]	.03** [.001, .079]
Risky sexual scripts T1 → Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	.02* [.003, .034]	.01** [.001, .037]
Risky sexual scripts T1 → Risky sexual behavior T1 → Perpetration T2	.03 [-.017, .080]	.04 [-.027, .117]
Risky sexual scripts T1 → Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [-.001, .003]	.00 [.000, .006]
Risky sexual scripts T1 → Initiation assertiveness T1 → Perpetration T2	-.00 [-.018, .012]	.00 [-.009, .014]
Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [-.006, .019]	.03** [.001, .067]
Sexual self-esteem T1 → Perpetration T1 → Perpetration T2	-.02* [-.053, -.004]	-.03** [-.079, -.002]
Sexual self-esteem T1 → Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [-.002, .007]	.01** [.001, .029]
Sexual self-esteem T1 → Initiation assertiveness T1 → Perpetration T2	-.00 [-.045, .032]	.01 [-.054, .061]
Sexual self-esteem T1 → Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	-.00 [-.007, .000]	-.00 [-.006, .000]
Sexual self-esteem T1 → Risky sexual behavior T1 → Perpetration T2	-.00 [-.017, .001]	-.01 [-.025, .002]
Religiosity T1 → Risky sexual scripts T1 → Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	-.004* [-.008, -.001]	-.01* [-.010, -.001]
Religiosity T1 → Risky sexual scripts T1 → Risky sexual behavior T1 → Perpetration T2	-.01 [-.019, .004]	-.02 [-.039, .009]
Religiosity T1 → Risky sexual scripts T1 → Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [-.001, .000]	-.00 [-.002, .000]
Religiosity T1 → Risky sexual scripts T1 → Initiation assertiveness T1 → Perpetration T2	.00 [-.003, .004]	.00 [-.005, .003]
Religiosity T1 → Sexual self-esteem T1 → Perpetration T1 → Perpetration T2	-.00 [-.004, .000]	.01* [.001, .014]
Religiosity T1 → Sexual self-esteem T1 → Perpetration T2	-.00 [-.018, .002]	.00 [-.019, .029]
Religiosity T1 → Sexual self-esteem T1 → Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [.000, .000]	-.00 [-.005, .000]

Indirect paths	Chilean sample	Turkish sample
Religiosity T1 → Sexual self-esteem T1 → Initiation assertiveness T1 → Perpetration T2	.00 [-.003, .001]	-.00 [-.012, .010]
Religiosity T1 → Sexual self-esteem T1 → Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	.00 [.000, .000]	.00 [.000, .001]
Religiosity T1 → Sexual self-esteem T1 → Risky sexual behavior T1 → Perpetration T2	.00 [-.001, .000]	.00 [.000, .005]
Religiosity T1 → Initiation assertiveness T1 → Perpetration T1 → Perpetration T2	.00 [.000, .001]	-.00 [-.004, .000]
Religiosity T1 → Initiation assertiveness T1 → Perpetration T2	.00 [-.010, .003]	-.00 [-.011, .004]
Religiosity T1 → Risky sexual behavior T1 → Perpetration T1 → Perpetration T2	.00 [-.001, .004]	.00 [-.001, .006]
Religiosity T1 → Risky sexual behavior T1 → Perpetration T2	.00 [-.001, .012]	.00 [-.002, .023]

Note: * $p < 0.05$ [95% CI]; ** $p < 0.01$ [99% CI].