

Supplementary Materials

How Do Individuals Interact with the Police? Validation of a Scale of Motivational Postures Toward the Police in Spanish

A. Sample Size Simulations

Table A1. Results of Simulations of Statistical Power for Study 1

sim	n	loadings	factors
sim01	100	small($\sim .30$)	2
sim02	100	observed	6
sim03	500	small($\sim .30$)	6
sim04	500	observed	6
sim05	1000	small($\sim .30$)	6
sim06	1000	observed	6
sim07	2000	small($\sim .30$)	6
sim08	2000	observed	6

B. Measurement Invariance

Table B1. Tests of measurement invariance by gender for motivational postures

Invariance Model	χ^2 (<i>df</i>)	CFI	RMSEA (90% CI)	SRMR	Model comp	$\Delta\chi^2$ (Δdf)	ΔCFI	$\Delta RMSEA$	$\Delta SRMR$
M1: Configural	1072.91** (474)	0.963	0.072 (0.067–0.076)	0.05	–	–	–	–	–
M2: Metric	1106.54** (492)	0.967	0.066 (0.062–0.071)	0.05	M1	33.63 (18)	0.004	-0.005	0.00
M3: Scalar	1117.59** (558)	0.965	0.064 (0.060–0.068)	0.05	M2	11.05 (66)	-0.002	-0.002	0.00

Note: $N=757$; group 1 $n=266$; group 2 $n = 491$. * $p < .05$. ** $p < .01$.

C. Reliability

Table C1. Reliability of Motivational Postures

Dimension	Study 1			Study 2		
	α_{raw}	α_{std}	λ_6	α_{raw}	α_{std}	λ_6
Commitment	0.89	0.89	0.85	0.89	0.89	0.87
Capitulation	0.84	0.85	0.73	0.85	0.86	0.84
Avoidance	0.94	0.94	0.93	0.89	0.89	0.87
Resistance	0.88	0.88	0.83	0.88	0.88	0.85
Disengagement	0.85	0.85	0.81	0.80	0.80	0.77
Game-playing	0.77	0.77	0.74	0.85	0.86	0.84

α_{raw} : Raw Cronbach's alpha; α_{std} : Standardized Cronbach's alpha;
 λ_6 : Guttman's Lambda 6