

L2 = DISTRICT
 OUTCOME: SENSE OF COMMUNITY MSENS_CO
 ANOVA

Level-1 Model

$$Y = B0 + R$$

Level-2 Model

$$B0 = G00 + U0$$

Random level-1 coefficient		Reliability estimate
INTRCPT1, B0		0.477

Final estimation of variance components:

Random Effect		Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1,	U0	0.19375	0.03754	22	46.89320	0.002
	R	0.71980	0.51812			

ANCOVA

Level-1 Model

$$Y = B0 + B1*(WHITED) + R$$

Level-2 Model

$$B0 = G00 + U0$$

$$B1 = G10$$

Random level-1 coefficient		Reliability estimate
INTRCPT1, B0		0.463

(with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.313059	0.053230	-5.881	22	0.000
For WHITED slope, B1					
INTRCPT2, G10	0.221671	0.107054	2.071	340	0.039

Final estimation of variance components:

Random Effect		Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1,	U0	0.18685	0.03491	22	44.68581	0.003
	R	0.71520	0.51151			

L2 = DISTRICT

OUTCOME: GENERAL ATTITUDE TOWARD POLICE MPOL_ATT

ANOVA

Level-1 Model

$$Y = B0 + R$$

Level-2 Model

$$B0 = G00 + U0$$

Random level-1 coefficient	Reliability estimate
INTRCPT1, B0	0.247

(with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.321509	0.047349	-6.790	22	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.11222	0.01259	22	32.21577	0.074
R	0.71792	0.51540			

ANCOVA

Level-1 Model

$$Y = B0 + B1*(WHITED) + R$$

Level-2 Model

$$B0 = G00 + U0$$

$$B1 = G10$$

Random level-1 coefficient	Reliability estimate
INTRCPT1, B0	0.003

Final estimation of fixed effects
(with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.542196	0.038728	-14.000	22	0.000
For WHITED slope, B1					
INTRCPT2, G10	0.410926	0.074490	5.517	340	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.00977	0.00010	22	19.66871	>.500
R	0.69747	0.48646			

L2 = DISTRICT
 OUTCOME: POLICE DEMEANOR MPOL_DEM
 ANOVA

Level-1 Model

$$Y = B0 + R$$

Level-2 Model

$$B0 = G00 + U0$$

Random level-1 coefficient		Reliability estimate	
INTRCPT1, B0		0.421	

(with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.299590	0.057240	-5.234	22	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.17653	0.03116	22	40.50938	0.010
level-1, R	0.74011	0.54776			

ANCOVA

Level-1 Model

$$Y = B0 + B1*(WHITED) + R$$

Level-2 Model

$$B0 = G00 + U0$$

$$B1 = G10$$

Final estimation of fixed effects

(with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.561240	0.043498	-12.903	22	0.000
For WHITED slope, B1					
INTRCPT2, G10	0.476002	0.082526	5.768	340	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.03686	0.00136	22	23.23446	0.388
level-1, R	0.71991	0.51827			

L2 = DISTRICT
 OUTCOME: POLICE EFFECTIVENESS MPOL_EFF
 ANOVA

Level-1 Model

$$Y = B0 + R$$

Level-2 Model

$$B0 = G00 + U0$$

Random level-1 coefficient	Reliability estimate
INTRCPT1, B0	0.004

The value of the likelihood function at iteration 1555 = -4.110111E+002

The outcome variable is MPOL_EFF
 Final estimation of fixed effects
 (with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.367870	0.039295	-9.362	22	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, U0	0.01312	0.00017	22	17.45355	>.500
level-1, R	0.80290	0.64464			

ANCOVA

Level-1 Model

$$Y = B0 + B1*(WHITED) + R$$

Level-2 Model

$$B0 = G00 + U0$$

$$B1 = G10$$

Final estimation of fixed effects
 (with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	-0.491245	0.037148	-13.224	22	0.000
For WHITED slope, B1					
INTRCPT2, G10	0.241391	0.068076	3.546	340	0.001

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, U0	0.01112	0.00012	22	15.15054	>.500
level-1, R	0.79529	0.63249			

L2 = DISTRICT
 OUTCOME: CONFIDENCE IN CJ SYSTEM MCONF_CJ
 ANOVA

Level-1 Model

$$Y = B0 + R$$

Level-2 Model

$$B0 = G00 + U0$$

Random level-1 coefficient	Reliability estimate
INTRCPT1, B0	0.003

The value of the likelihood function at iteration 1636 = -4.061935E+002
 The outcome variable is MCONF_CJ
 Final estimation of fixed effects
 (with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	0.239990	0.037930	6.327	22	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.01210	0.00015	22	26.37308	0.236
INTRCPT1, level-1, R	0.79164	0.62670			

ANCOVA

Level-1 Model

$$Y = B0 + B1*(WHITED) + R$$

Level-2 Model

$$B0 = G00 + U0$$

$$B1 = G10$$

Final estimation of fixed effects
 (with robust standard errors)

Fixed Effect	Coefficient	Standard Error	T-ratio	Approx. d.f.	P-value
For INTRCPT1, B0					
INTRCPT2, G00	0.402579	0.052012	7.740	22	0.000
For WHITED slope, B1					
INTRCPT2, G10	-0.318195	0.073007	-4.358	340	0.000

Final estimation of variance components:

Random Effect	Standard Deviation	Variance Component	df	Chi-square	P-value
INTRCPT1, level-1, U0	0.00998	0.00010	22	22.34765	0.440
INTRCPT1, level-1, R	0.77724	0.60410			

