

Extra Tables

Table 2. Weights and Cases

Variable	Category	Chicago	Atlanta	NY	LA	Denver	Dallas	Charlotte	Columbus	Portland	Raleigh	Milwaukee	Fresno
gender	Male	49	49	48	50	50	50	48	49	49	48	48	49
gender	Female	51	51	52	50	50	50	52	51	51	52	52	51
race	White (NH)	33	38	32	29	54	29	42	56	71	53	35	27
race	Black (NH)	30	52	21	9	9	24	35	28	6	28	38	7
race	Hispanic	29	4	29	49	30	42	14	6	10	11	19	49
race	Asian	6	4	14	12	4	3	7	6	8	5	4	14
race	Other	2	2	4	1	3	2	2	4	5	3	4	0
income	<\$25000	28	28	27	32	23	29	27	30	26	20	28	36
income	\$25-50000	25	31	25	29	28	30	33	29	29	30	32	30
income	\$50-75000	21	16	17	16	19	19	16	19	18	20	20	14
income	\$75-100000	9	9	11	9	13	7	8	10	10	10	11	10
income	\$100-150000	9	8	9	7	8	7	8	7	11	10	7	5
income	\$150000 +	8	8	11	7	9	8	8	5	6	10	2	5
educ	<HS	16	11	20	26	14	24	12	12	8	9	11	25
educ	HS Grad	23	19	25	19	18	21	20	26	16	16	28	23
educ	Some College	18	17	15	18	18	18	21	22	22	18	21	24
educ	2yr Degree	6	5	6	6	5	5	7	7	7	8	8	8
educ	4yr Degree	22	27	20	21	28	20	27	22	28	32	21	14
educ	Grad Degree	15	21	14	10	17	12	13	11	19	17	11	6
age	18-24	13	12	13	17	10	13	12	17	10	17	18	17
age	25-34	25	19	19	23	28	25	17	25	24	24	23	23
age	35-44	18	20	19	17	20	19	20	17	21	19	16	17
age	45-54	16	20	18	17	15	16	19	16	16	16	16	16
age	55-64	14	15	15	13	13	14	15	13	15	12	14	13
age	65+	14	14	16	13	14	13	17	12	14	12	12	13

Table 3 Statistically Reliable Effects of Context on Individual Responses

Variable	Police Action	Individual Response	Coefficient	95% Credible Interval
# Arrests	use pepper spray	engage in sit-in	6.53	(-0.40, 13.39)
# Arrests	motion for individual to stop	yell insults at officer	-7.81	(-16.21, 0.75)
# Arrests	block path to leave	yell demands at officer	8.4	(-0.98, 17.44)
# Arrests	motion for individual to stop	burn a flag	-9.02	(-18.17, 0.26)
# Arrests	use pepper spray	turn and run away	15.19	(-0.45, 31.38)
# Arrests	restrain hand cuffs	throw rocks at the officers	-15.43	(-31.93, 0.66)
# Arrests	use taser	throw rocks at the officers	17.77	(3.66, 31.97)
# Arrests	take a knee	destroy property	8.23	(-1.02, 16.98)
# Arrests	stand silently	destroy property	18.24	(3.47, 32.80)
# Arrests	restrain hand cuffs	legally display firearm	13.12	(0.26, 25.52)
# Arrests	yell insults at individual	legally display firearm	-13.35	(-28.29, 2.48)
# Killings	restrain hand cuffs	stand silently	-2.13	(-4.60, 0.30)
# Killings	motion for individual to stop	engage in hunger strike	6.1	(1.60, 10.67)
# Killings	block path to leave	engage in hunger strike	-6.26	(-13.37, 0.57)
# Killings	stand silently	burn a flag	6.77	(-1.01, 14.51)
# Killings	restrain hand cuffs	deface property with graffiti	-5.26	(-11.52, 0.80)
# Killings	take a knee	deface property with graffiti	-3.76	(-8.17, 0.66)
# Killings	motion for individual to stop	turn and run away	-9.07	(-18.27, -0.54)
# Killings	yell orders at individual	throw molotov cocktail	7.15	(-0.38, 14.66)
# Killings	restrain hand cuffs	shoot at officers with live ammunition	-9.9	(-17.51, -2.34)
# Killings	restrain hand cuffs	legally display firearm	-7.25	(-14.57, 0.17)

Main entries are posterior means, all parameters have 95% posterior probability on the coefficient's side of zero.

The dependent variable (appropriateness of response) has a theoretical range of (0-100).

Killings and Arrests were standardized in the full dataset resulting in the ranges: (-1.5, 3.5) for killings and (-2.3, 1.3) for arrests.

All parameters had $\hat{R} \leq 1.01$.

