

Table 6.3: Factors Related to Municipal Elected Official Ratings of Coordination

<i>How would you rate coordination with the following groups during past disasters?</i>								
		Citizens	Non-Profits	Neigh. Munis.	County EM	State Govt.	Federal Govt.	
Urban-Rural	Population Size	2.52e-04 (4.14e-04)	-3.65e-04 (2.82e-04)	-4.45e-04* (1.95e-04)	-8.38e-04** (2.25e-04)	-6.86e-04** (1.56e-04)	-2.92e-04 (2.19e-04)	
	Disaster Experience	Hurricane Max Damage	1.70e-04 (7.42e-04)	0.001 (0.001)	0.001 (0.001)	0.001** (1.62e-04)	-0.001** (3.23e-04)	-0.001* (2.34e-04)
		BP Oil Spill	0.101 (0.871)	-0.131 (0.619)	0.979** (0.379)	1.163** (0.382)	0.587** (0.147)	0.313* (0.146)
Resources	EM Expenditures	-0.934* (0.377)	12.90** (1.253)	-0.323** (0.064)	15.39** (0.983)	16.01** (1.016)	0.550 (0.920)	
	EM Number of Staff	-0.364 (0.376)	-0.280 (0.303)	-0.294 (0.447)	-0.113 (0.124)	-0.043 (0.382)	-0.211 (0.293)	
Leadership	Business Leader	-0.612 (0.404)	-1.103** (0.308)	-0.429 (0.219)	-0.796* (0.368)	-0.057 (0.371)	-0.660 (0.526)	
	Local Govt. Leader	0.435 (0.474)	1.705** (0.274)	1.089** (0.356)	0.553* (0.224)	-0.036 (0.653)	0.108 (0.750)	
	Faith-Based Leader	-0.612 (0.782)	0.201 (0.445)	0.499 (0.429)	-0.309 (0.996)	-0.578 (0.461)	0.108 (0.298)	
State	Alabama	2.080** (0.646)	1.934** (0.364)	16.61** (1.186)	0.127 (0.134)	1.483** (0.283)	-0.052 (0.484)	
	Louisiana	0.578 (1.139)	0.608 (1.009)	15.03** (1.125)	-0.770** (0.117)	-1.049** (0.084)	-0.245 (0.177)	
	Mississippi	1.714** (0.380)	0.846* (0.419)	0.830 (0.713)	14.65** (1.139)	1.349** (0.198)	1.029** (0.094)	
	Texas	1.150 (1.492)	0.643 (0.966)	1.525** (0.299)	1.668** (0.547)	0.671* (0.332)	0.657* (0.303)	
	Constant	-1.950* -0.858	-0.648 -0.728	0.674 -1.115	-0.0184 -1.214	-0.977 -0.982	-0.284 -1.098	
	N	164	161	164	164	159	154	
	Pseudo R ²	0.08	0.09	0.16	0.17	0.12	0.05	

Notes: Logit analyses conducted with observations clustered by state. Coefficients reported with robust standard errors in parentheses. Significance denoted as: ** p<0.01 and * p<0.05 (one-tailed tests). Significant variables are also shown in bold. Dependent variable, coordination rating, coded: 1= good/excellent and 0=adequate/poor.

Citation:

Ross, Ashley. *Local Disaster Resilience: Administrative and Political Perspectives*.
New York: Routledge, 2014.