

Table 4.3: Factors that Explain Differences in Perceptions of Community Resilience

		<i>Common Themes among Responses to the Question: “What does community resilience mean to you?”</i>					
		<i>Bounce Back</i>	<i>Preparedness</i>	<i>Continuity</i>	<i>Recovery</i>	<i>Self-Sufficiency</i>	<i>Community Responsibility</i>
Urban-Rural		-0.302*** (0.050)	-0.229 (0.144)	-0.040 (0.106)	0.248 (0.233)	0.334** (0.170)	0.327*** (0.031)
<i>Predicted Probabilities</i>	1: Metro >1 million pop	0.37	0.21	0.15	0.07	0.05	0.05
	2	0.30	0.18	0.14	0.09	0.06	0.06
	3	0.24	0.15	0.14	0.11	0.09	0.09
	4	0.19	0.12	0.13	0.13	0.12	0.12
	5	0.15	0.10	0.13	0.17	0.15	0.15
	6: Rural < 2,500 pop	0.11	0.08	0.12	0.20	0.20	0.20
BP Oil Spill Economic Loss Zones		0.063 (0.165)	-0.083 (0.063)	-0.328** (0.158)	0.551** (0.252)	0.112 (0.467)	0.003 (0.247)
<i>Predicted Probabilities</i>	Minimum value	0.22	0.17	0.22	0.04	0.07	0.08
	Maximum value	0.28	0.12	0.06	0.39	0.11	0.08
Hurricane Max Property Damage		-0.001* (0.001)	0.001** (0.001)	-2.98e-04 (6.94e-04)	-0.001 (0.001)	-1.48e-04 (0.001)	-1.85e-04 (0.001)
<i>Predicted Probabilities</i>	Minimum value	0.35	0.10	0.15	0.13	0.09	0.09
	Maximum value	0.10	0.33	0.11	0.06	0.07	0.07
Constant		0.156 (0.386)	-1.398*** (0.518)	-1.017** (0.443)	-3.505** (1.463)	-3.503** (1.469)	-3.272 (0.496)
N		54	54	54	54	54	54
Pseudo R ²		0.05	0.06	0.03	0.09	0.04	0.04
<p>Notes: Logit analysis conducted for each model with observations clustered by state. Coefficients reported for the variables urban-rural, BP economic loss claim zone, hurricane maximum property damage, and the constant with robust standard errors in parentheses. Statistical significance denoted as: *** p≤0.01; **p≤0.05; *p≤0.10 (all two-tailed tests). Significant variables are also shown in bold. Predicted probabilities (chance of responding to the question with the response shown) are reported across the values of the independent variables; in calculating predicted probabilities all variables were held at their means. Dependent variable data are taken from author’s original interviews conducted with county and parish emergency managers. The themes of all disaster phases and adaptation were excluded from the logit analysis because of the limited number of positive outcomes (less than 5) associated with these variables.</p>							

Citation:

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