Exploratory Regression Set 1

Evan Perry

June 11, 2024

Table 1: Heterogenous Effects Through Contributions

Dependent Variables: Model:	log Output (1)	log Density (2)	Dependence (3)
Variables			
Disaster × Post × log GC_{2007}	-0.0286*	-0.0318***	-0.7817
2	(0.0169)	(0.0045)	(0.4900)
$Disaster \times Post$	0.5019*	0.5086***	9.497
	(0.2631)	(0.0723)	(7.977)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.89142	0.91405	0.70003
Within R ²	0.00114	0.00629	0.00072

Heteroskedasticity-robust standard-errors in parentheses Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 2: Heterogenous Effects Through Contributions (Centered)

Dependent Variables: Model:	log Output (1)	log Density (2)	Dependence (3)
Variables			
Disaster \times Post \times log GC ₂₀₀₇ (Centered)	-0.0286*	-0.0318***	-0.7817
G	(0.0169)	(0.0045)	(0.4900)
Disaster × Post	0.0908**	0.0517***	-1.738
	(0.0358)	(0.0116)	(1.417)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.89142	0.91405	0.70003
Within R ²	0.00114	0.00629	0.00072

Heteroskedasticity-robust standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 3: Heterogenous Effects Through Contributions – All Interactions

Dependent Variables:	log Output	log Density	Dependence
Model:	(1)	(2)	(3)
Variables			
Post × Disaster × log GC_{2007}	-0.0265	-0.0231***	0.1861
	(0.0180)	(0.0051)	(0.5295)
Post × Disaster	0.4724^{*}	0.3841***	-4.319
	(0.2783)	(0.0810)	(8.552)
Post × log GC_{2007}	-0.0021	-0.0087***	-0.9679***
	(0.0060)	(0.0024)	(0.2005)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.89142	0.91431	0.70103
Within R ²	0.00116	0.00924	0.00407

Heteroskedasticity-robust standard-errors in parentheses

Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 4: Heterogenous Effects Through Contributions, Various Dependence

Dependent Variables:	1 ', ,	Dependence (Giving / Revenue)	1 , 0
Model:	(1)	(2)	(3)
Variables			
Disaster \times Post \times log GC ₂₀₀₇	0.3750	-0.0470	-0.7817
	(0.3751)	(0.2940)	(0.4900)
Disaster × Post	-6.334	-1.025	9.497
	(6.066)	(4.779)	(7.977)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.70158	0.56818	0.70003
Within R ²	0.00020	0.00062	0.00072

Heteroskedasticity-robust standard-errors in parentheses Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 5: Heterogenous Effects Through Contributions, Various Dependence, All Interactions

Dependent Variables: Model:	Dependence (Cont / Revenue) (1)	Dependence (Giving / Revenue) (2)	Dependence (Giving / Cont) (3)
Variables			
Disaster \times Post \times log GC ₂₀₀₇	0.9686**	0.9330***	0.1861
0 200	(0.4180)	(0.3394)	(0.5295)
Disaster × Post	-14.81**	-15.01***	-4.319
	(6.678)	(5.428)	(8.552)
Post \times log GC ₂₀₀₇	-0.5936***	-0.9800***	-0.9679***
	(0.1846)	(0.1699)	(0.2005)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.70221	0.57153	0.70103
Within R ²	0.00232	0.00838	0.00407

Heteroskedasticity-robust standard-errors in parentheses Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 6: Heterogenous Effects Through Contributions, Alt Dependence, All Interactions

Dependent Variables: Model:	log Output (1)	log Density (2)	Dependence (Giving / Revenue) (3)
Variables			
Post × Disaster × log GC_{2007}	-0.0265	-0.0231***	0.9330***
	(0.0180)	(0.0051)	(0.3394)
Post × Disaster	0.4724^{*}	0.3841***	-15.01***
	(0.2783)	(0.0810)	(5.428)
Post $\times \log GC_{2007}$	-0.0021	-0.0087***	-0.9800***
	(0.0060)	(0.0024)	(0.1699)
Fixed-effects			
Year	Yes	Yes	Yes
County	Yes	Yes	Yes
Fit statistics			
Observations	6,504	6,504	6,504
\mathbb{R}^2	0.89142	0.91431	0.57153
Within R ²	0.00116	0.00924	0.00838

Heteroskedasticity-robust standard-errors in parentheses Signif. Codes: ***: 0.01, **: 0.05, *: 0.1