Recovery from Disasters

March 20, 2022

1.Tropical Cyclones in Indonesia

Figure 1: Tropical Cyclones Intensity in Indonesia

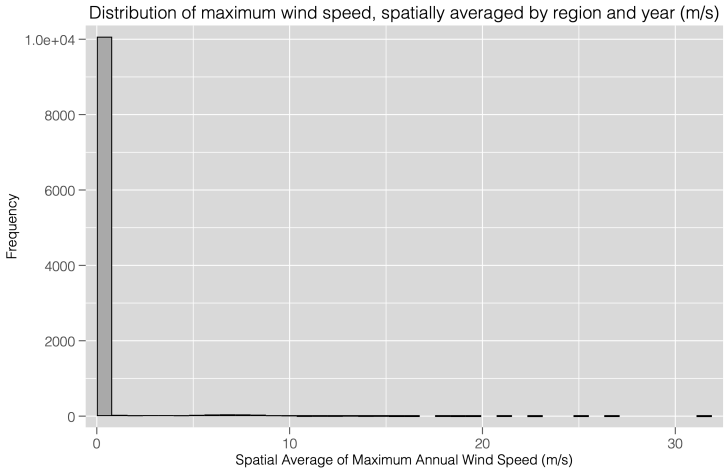


Figure 2: Tropical Cyclones Intensity in Indonesia (non-zero)

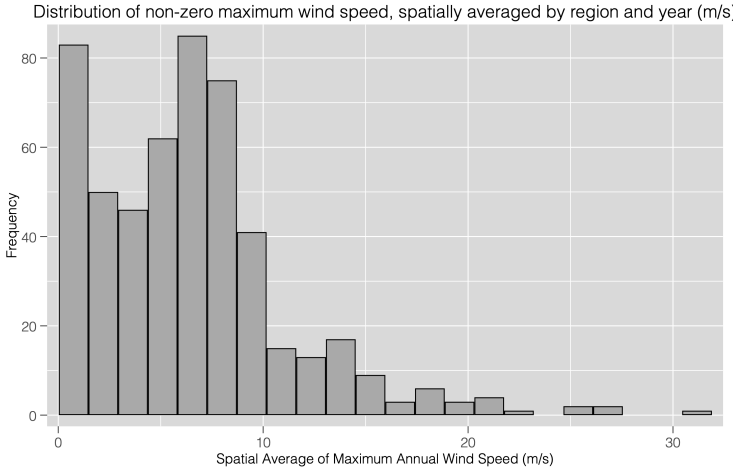


Figure 3: Labor Productivity (very few observations). Cyclone - $\geq$ 17m/s

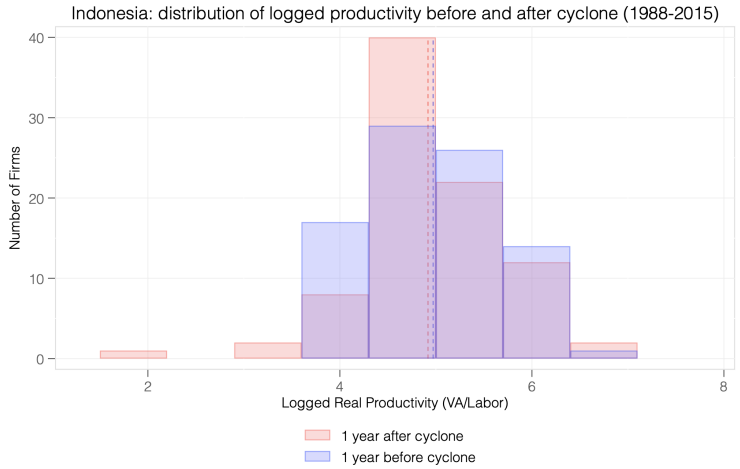


Table 1: Indonesia and cyclones' winds

	(1) Log(Output)	(2) Log(VA)	(3) Log(Inv)	(4) Log(Net Inv)	(5) Logged (VA/Labor)	(6) Log Labor	(7) Log(Raw Materials)
MAXS (m/s)	0.000802	0.00122	407543.1	-0.00102	0.000755	0.000437	0.000430
	(0.00134)	(0.00147)	(432184.7)	(0.00266)	(0.00121)	(0.000677)	(0.00138)
maxs_lag1	-0.000508	0.000150	324881.9	-0.00554*	-0.000648	0.000788	-0.000832
	(0.00125)	(0.00134)	(1567683.1)	(0.00261)	(0.00137)	(0.000697)	(0.00136)
maxs_lag2	-0.000835	-0.000613	2515752.6	-0.00459	-0.00185	0.00124	-0.000662
	(0.00112)	(0.00116)	(2841953.8)	(0.00349)	(0.00105)	(0.000708)	(0.00136)
maxs_lag3	0.00170	0.00163	158439.0	0.00185	-0.000174	0.00180**	0.00205
	(0.00130)	(0.00128)	(162488.8)	(0.00296)	(0.000977)	(0.000577)	(0.00147)
maxs_lag4	0.00230*	0.00189	151156.0	0.000245	-0.000197	0.00206***	0.00274*
	(0.00109)	(0.00111)	(212968.4)	(0.00264)	(0.000948)	(0.000491)	(0.00124)
maxs_lag5	0.00185*	0.00161	-98201.7	-0.00240	0.000570	0.00105*	0.00186
	(0.000934)	(0.000820)	(160802.5)	(0.00269)	(0.000738)	(0.000470)	(0.00111)
N	442054	442046	419049	77745	441587	441639	424775
Plant FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjusted R-squared	0.853	0.829	0.0604	0.841	0.671	0.883	0.817

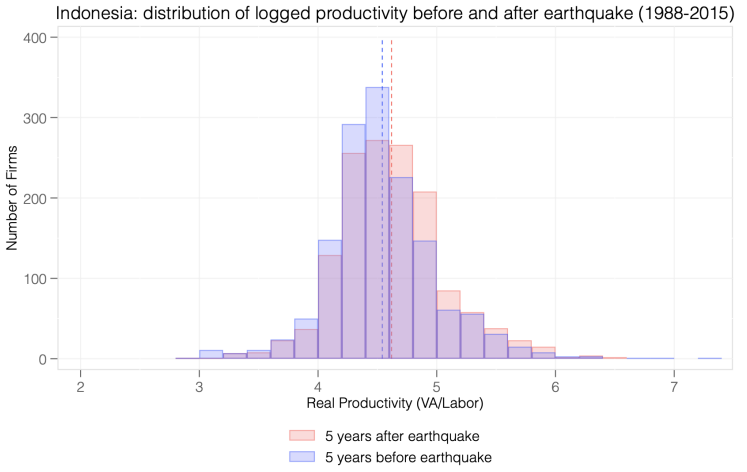
Standard errors in parentheses

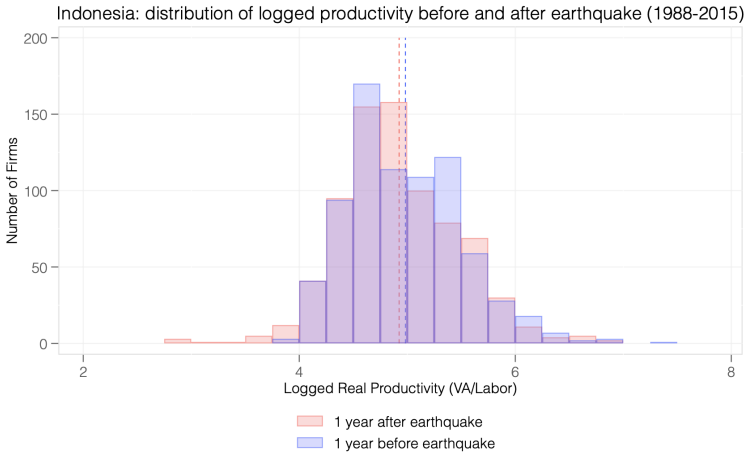
Plant and year fixed effects are included in each specification. All variables are real values.

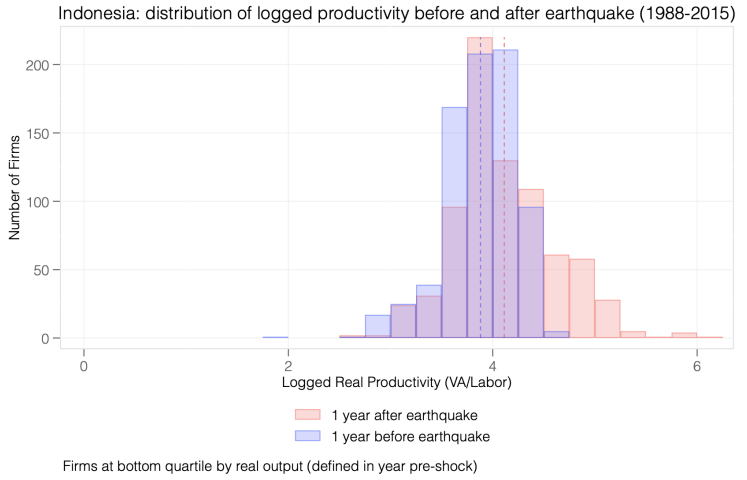
Errors are clustered on both plant-level and region-by-year level.

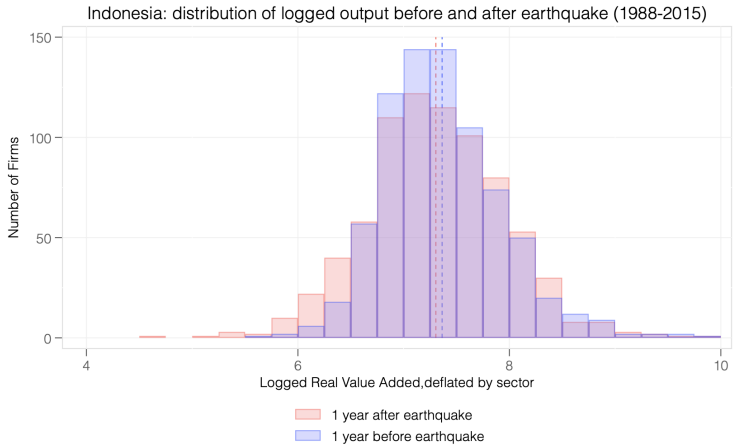
* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

2.Getting back to histograms in Indonesia

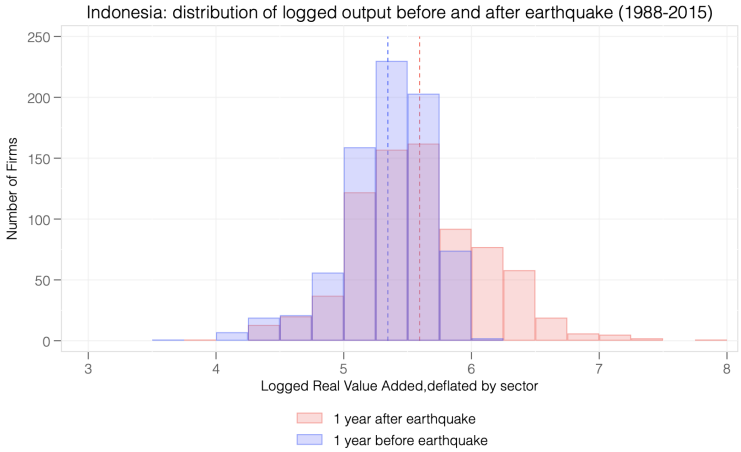




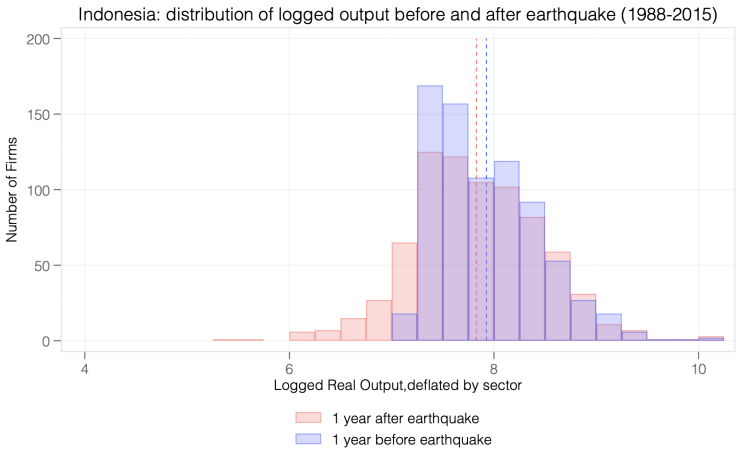




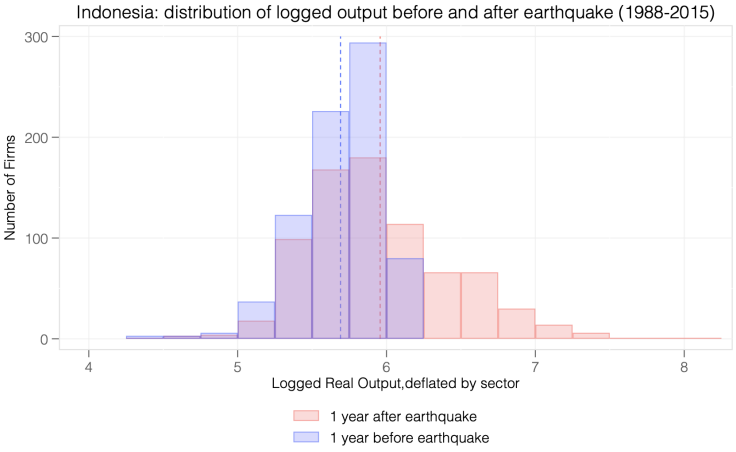
Firms at top quartile by real output (defined in year pre-shock)



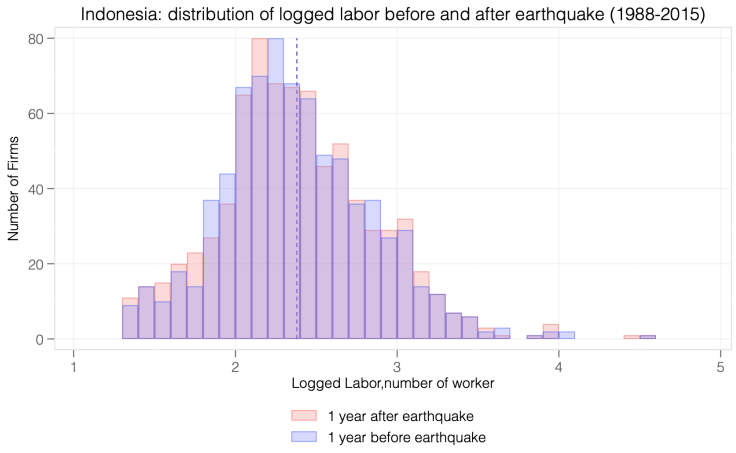
Firms at bottom quartile by real output (defined in year pre-shock)



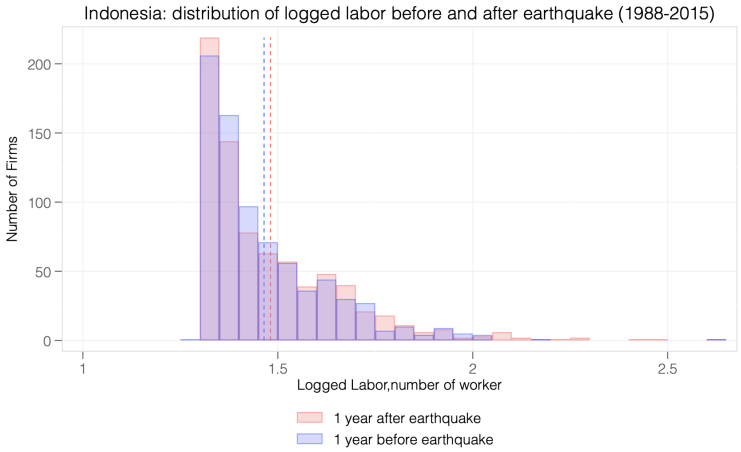
Firms at top quartile by real output (defined in year pre-shock)



Firms at bottom quartile by real output (defined in year pre-shock)



Firms at top quartile by real output (defined in year pre-shock)



Firms at bottom quartile by real output (defined in year pre-shock)

3.Tropical Cyclones in Vietnam

Figure 4: Tropical Cyclones Intensity in Vietnam

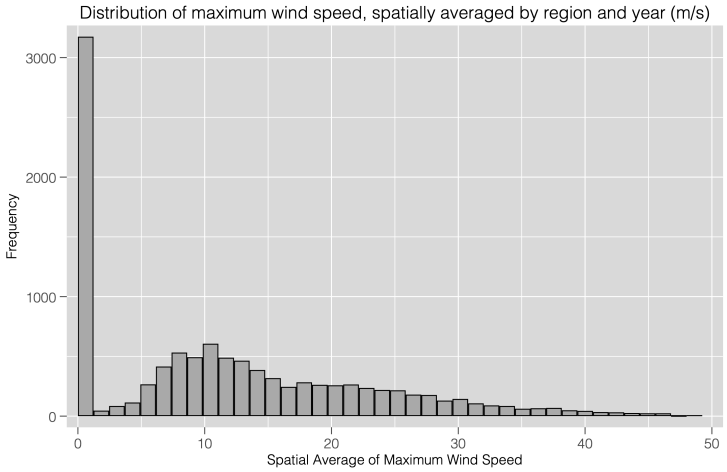


Figure 5: Tropical Cyclones Intensity in Vietnam (non-zero)

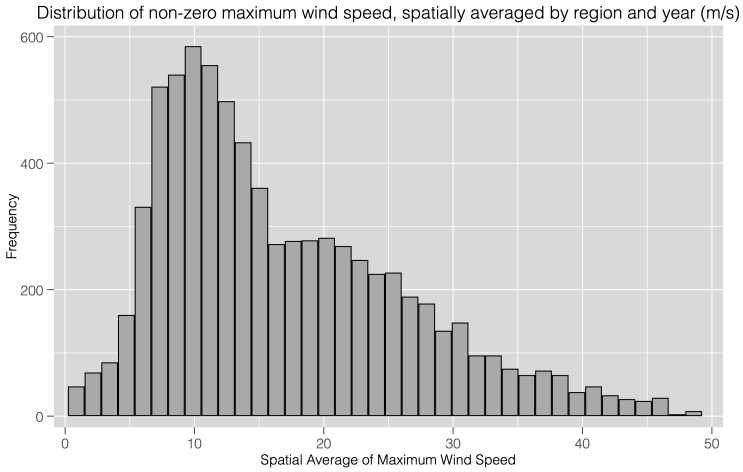


Figure 6: Productivity in Vietnam: before and after cyclone

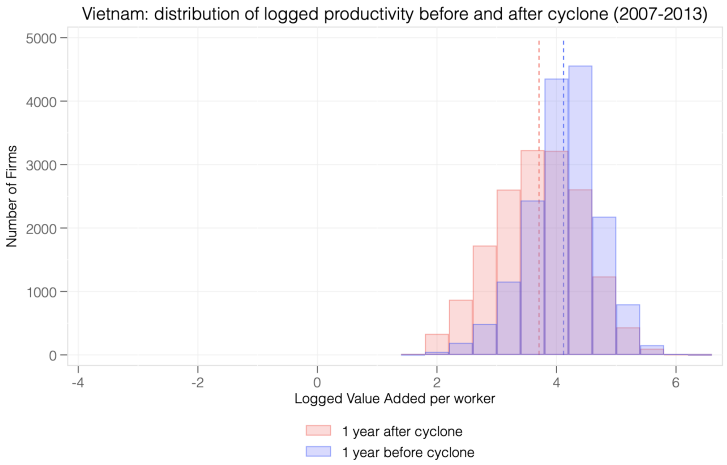


Figure 7: Labor in Vietnam: before and after cyclone

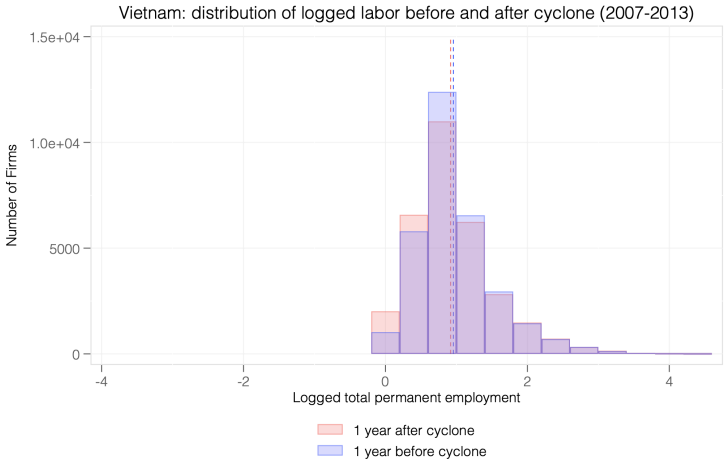


Figure 8: Labor Cost in Vietnam: before and after cyclone

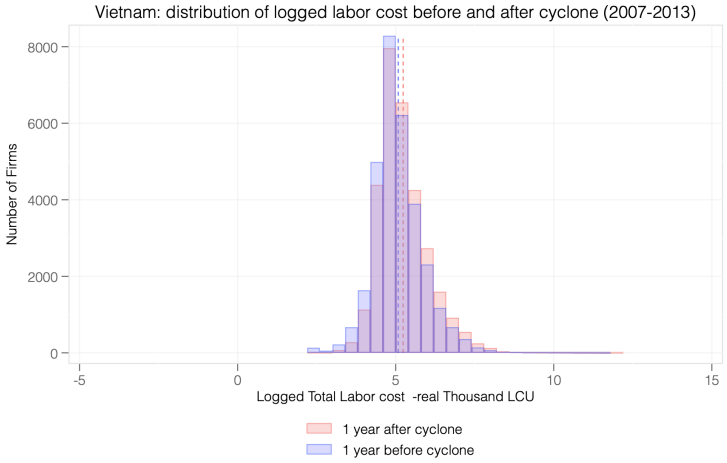


Figure 9: Sales in Vietnam: before and after cyclone

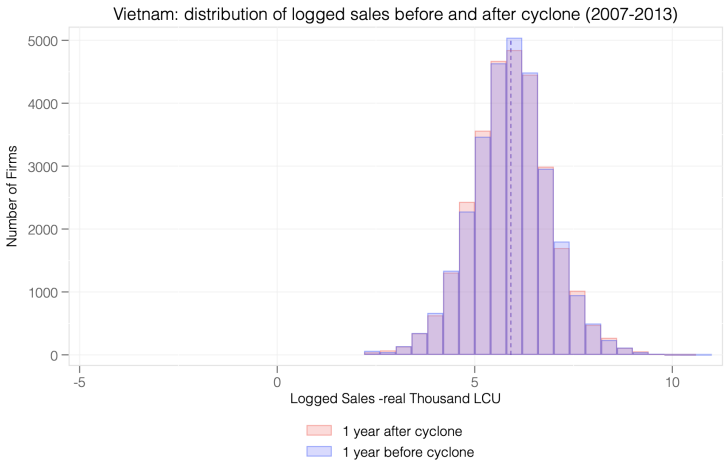


Figure 10: VA in Vietnam: before and after cyclone

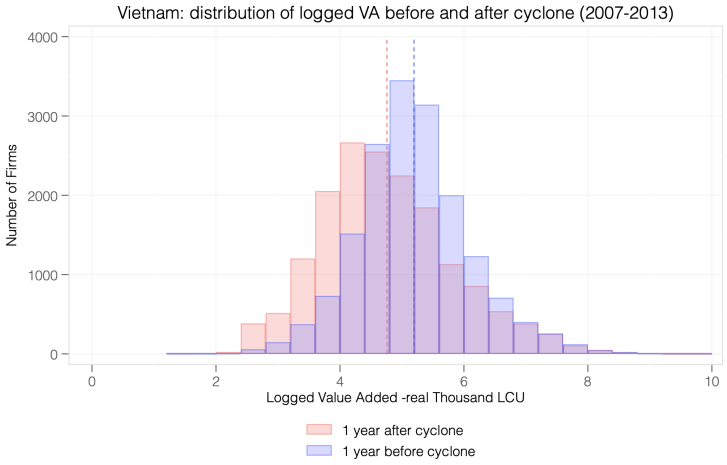


Figure 11: Capital (Log Dif) in Vietnam: before and after cyclone