

Table S1. Global univariate Moran's I for all exposure variables used in the study. SD=Standard Deviation, CT= Census Tract. Significance values: *** < 0.001, ** < 0.01, * < 0.05, .<0.1.

Census tract level exposure	Variable	Moran's I	z-value	SD
Socio-economic status	Unemployment rate	0,2451 ***	18.9995	0.0130
Flooding	>50% flooding in CT	0.5442 ***	44.3084	0.0123
	≤50% flooding in CT	0.1993 ***	16.2114	0.0124
	No flooding in CT	0.6252 ***	50.2807	0.0125
Degree of building destruction	Affected buildings	0.3385 ***	27.3170	0.0124
	Minor building destruction	0.4173 ***	32.8457	0.0127
	Major building destruction	0.2613***	22.0999	0.0118
	Destroyed building structures	0.0542***	4.4349	0.0122

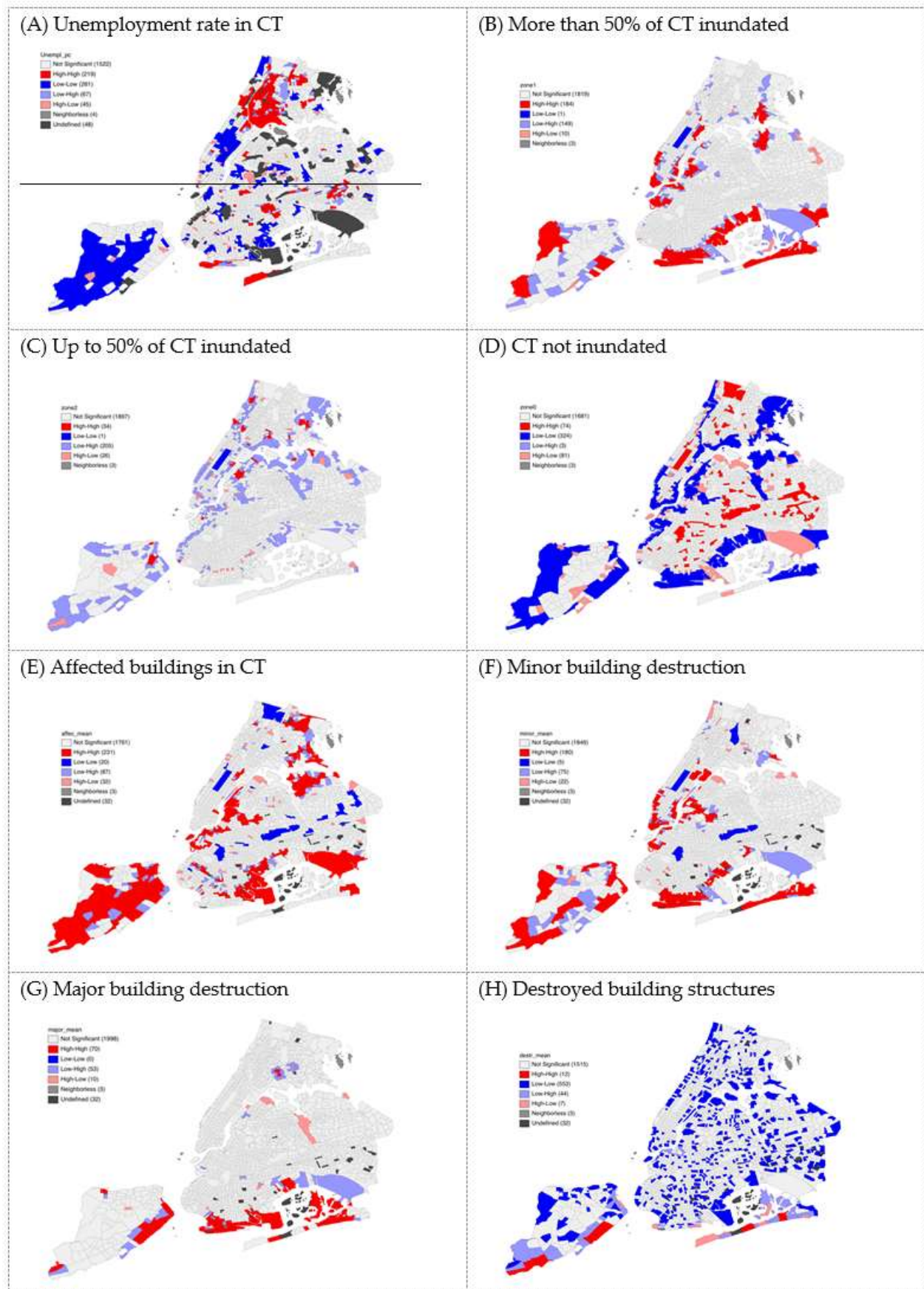


Figure S1. Local spatial associations (spatial clusters) of all exposure variables used in the study.