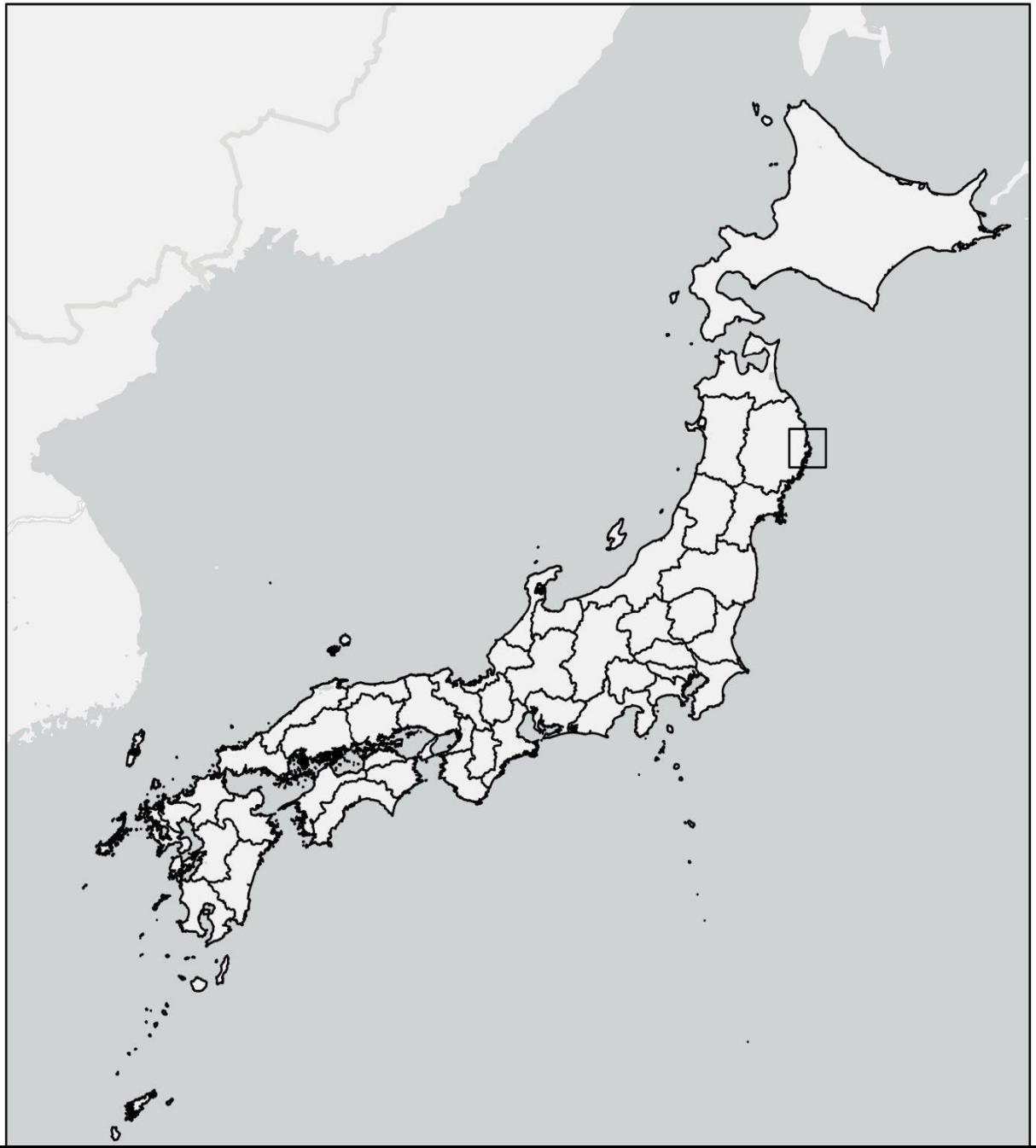
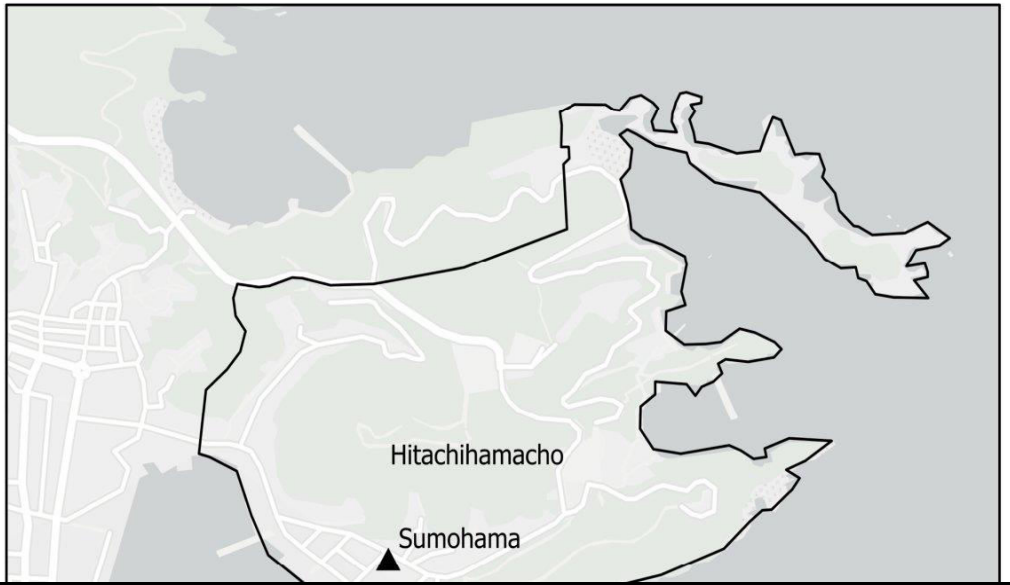
Essential but unseen: The role of social capital and social infrastructure in shocks

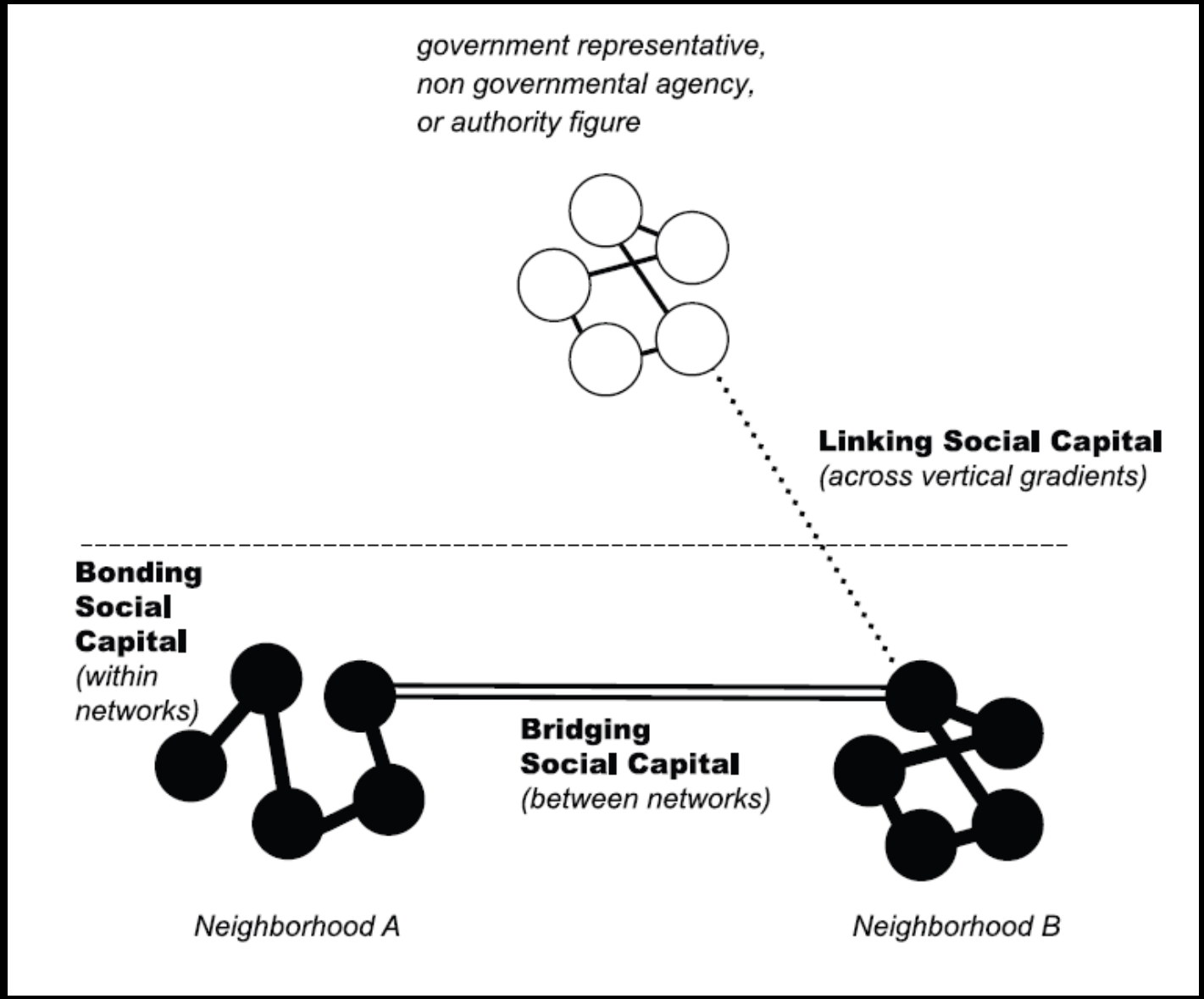
Daniel P. Aldrich
daniel.aldrich@gmail.com
Twitter @DanielPAldrich




Taro
GSI, Esri, HERE, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

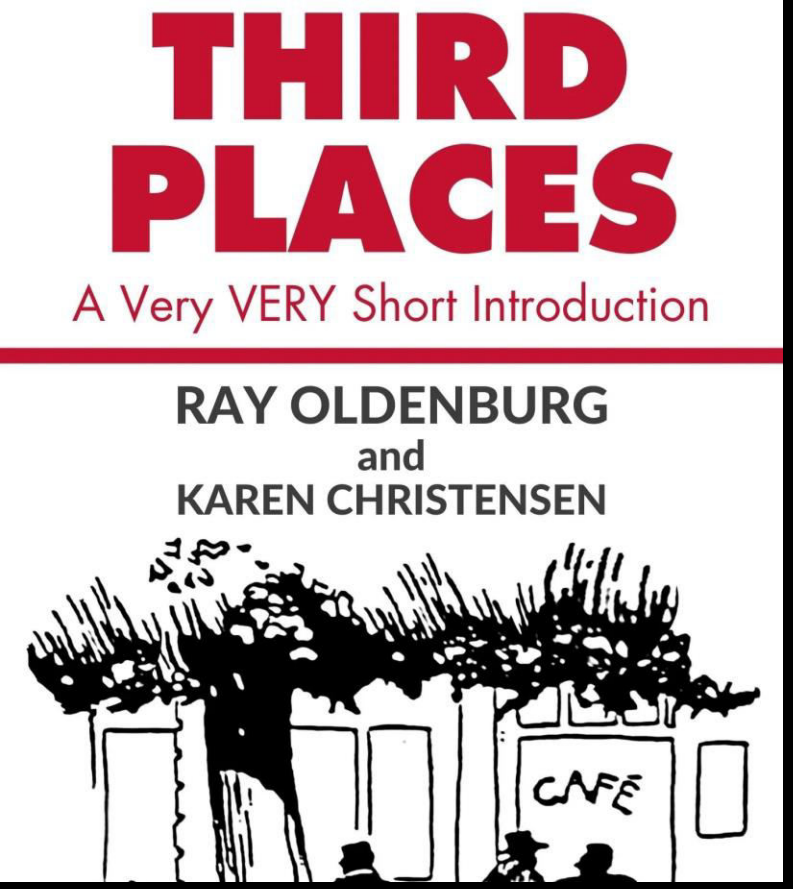

Hitachihamacho
Sumohama

Bonding, bridging, and linking ties



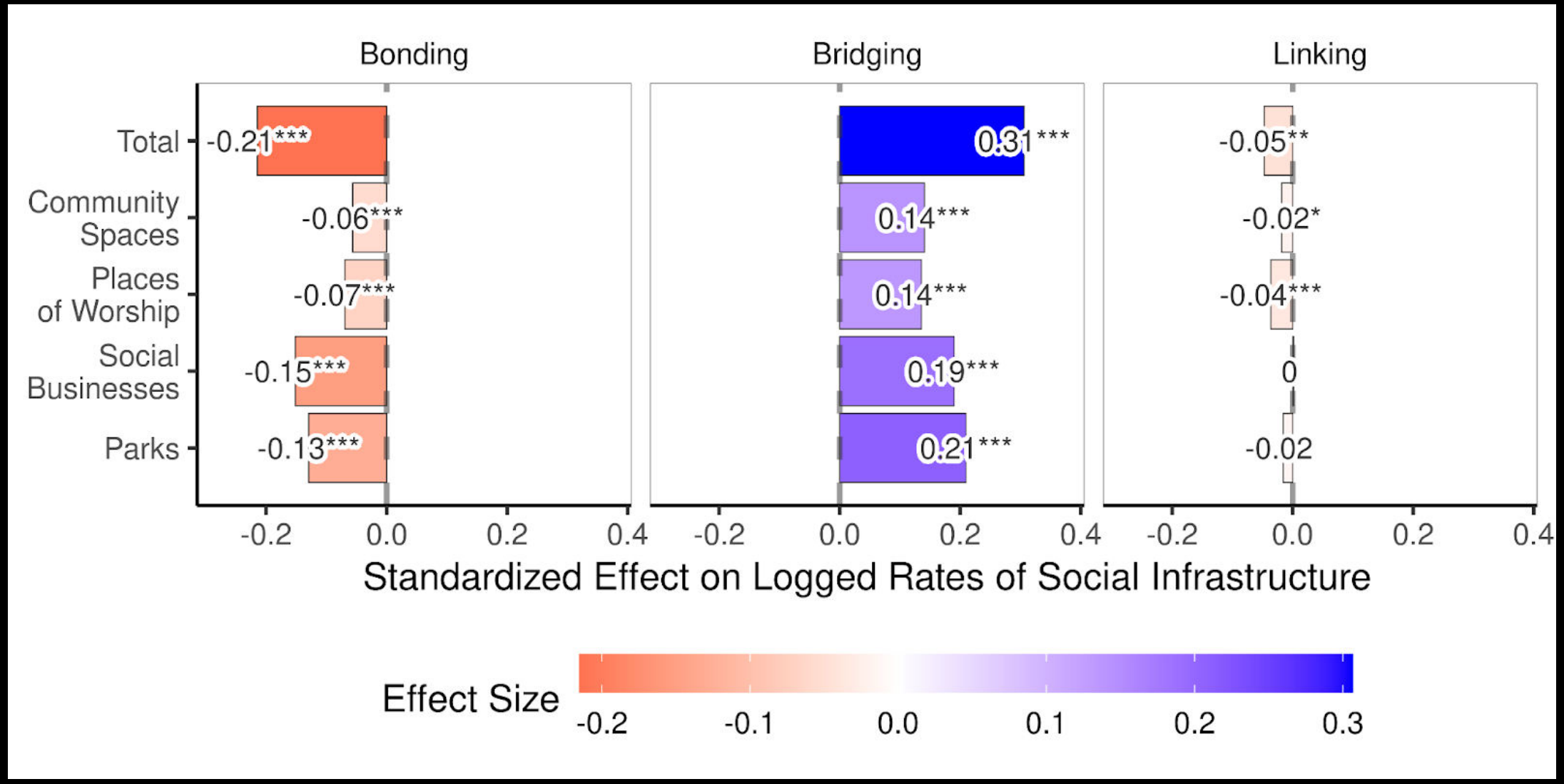

EXIT

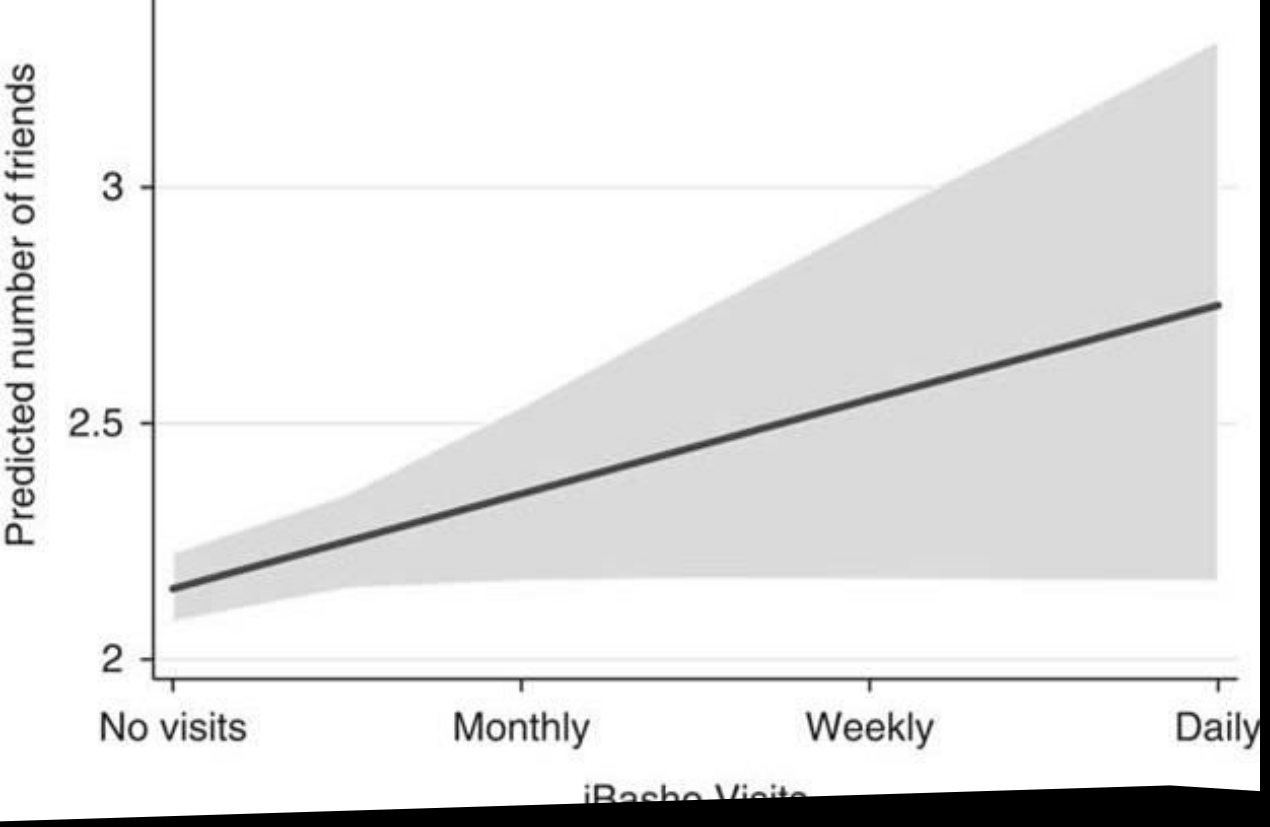

ORGANIZE!

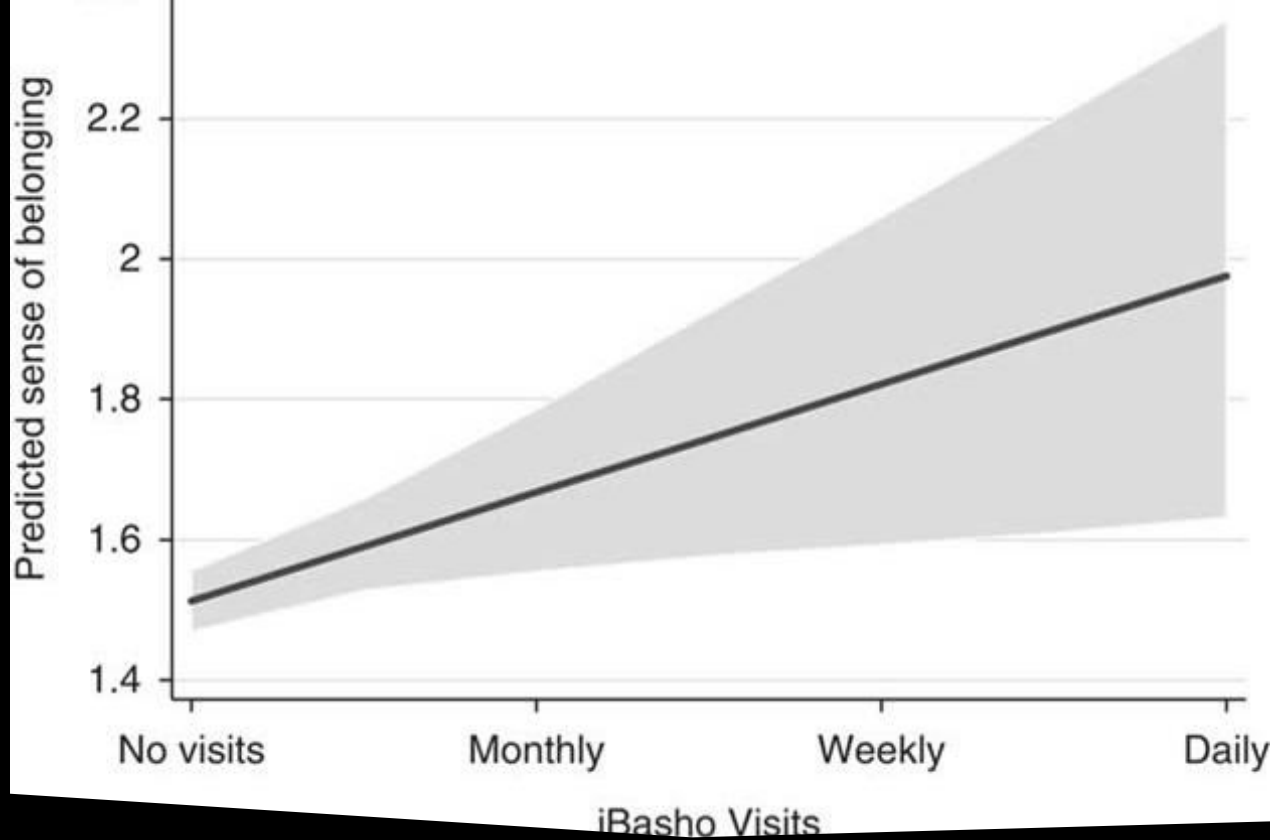


Intellectual foundations of social infrastructure

Social infrastructure builds bridging ties

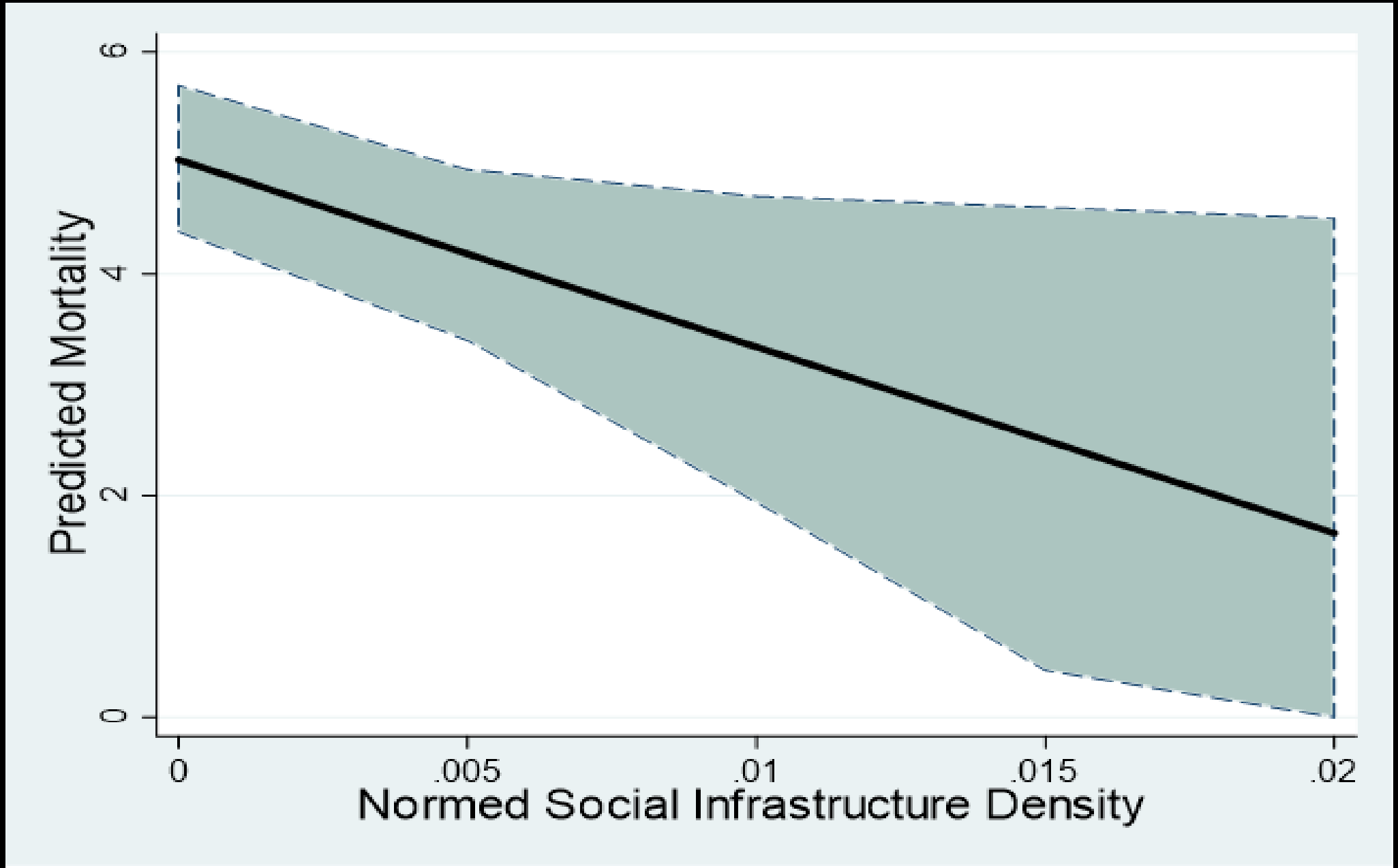


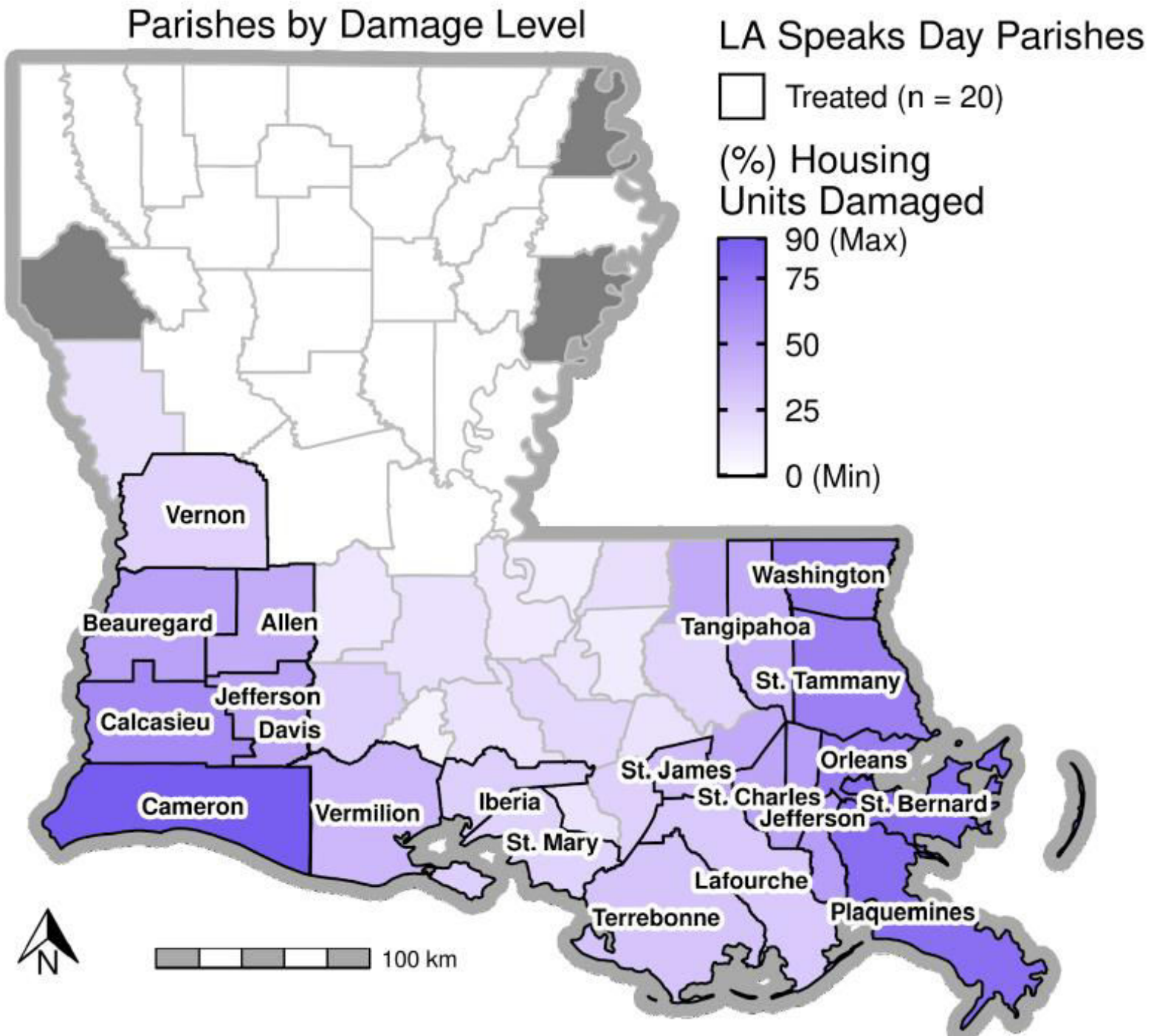


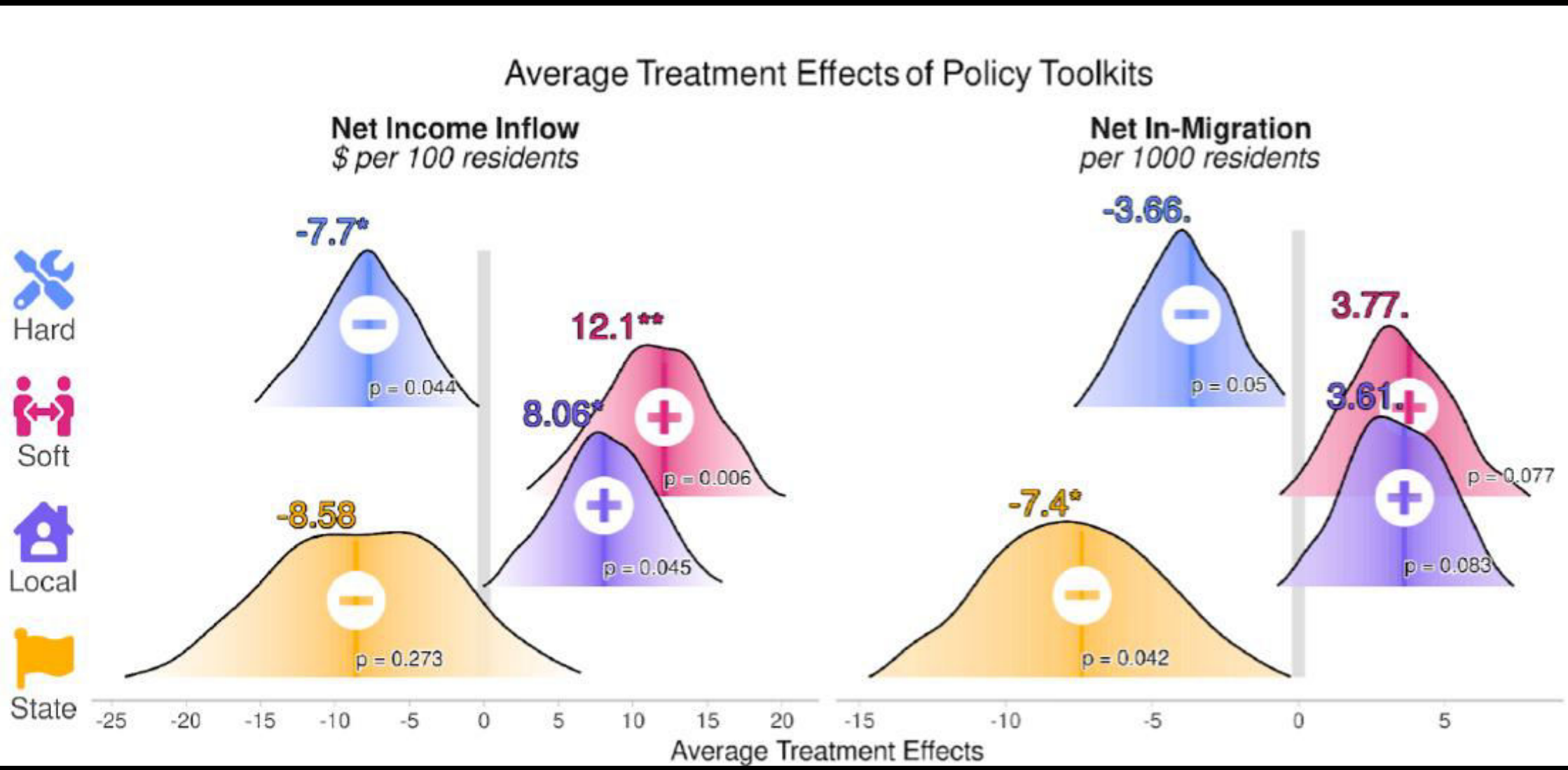


Ibasho –social infrastructure - broadens networks and deepens efficacy

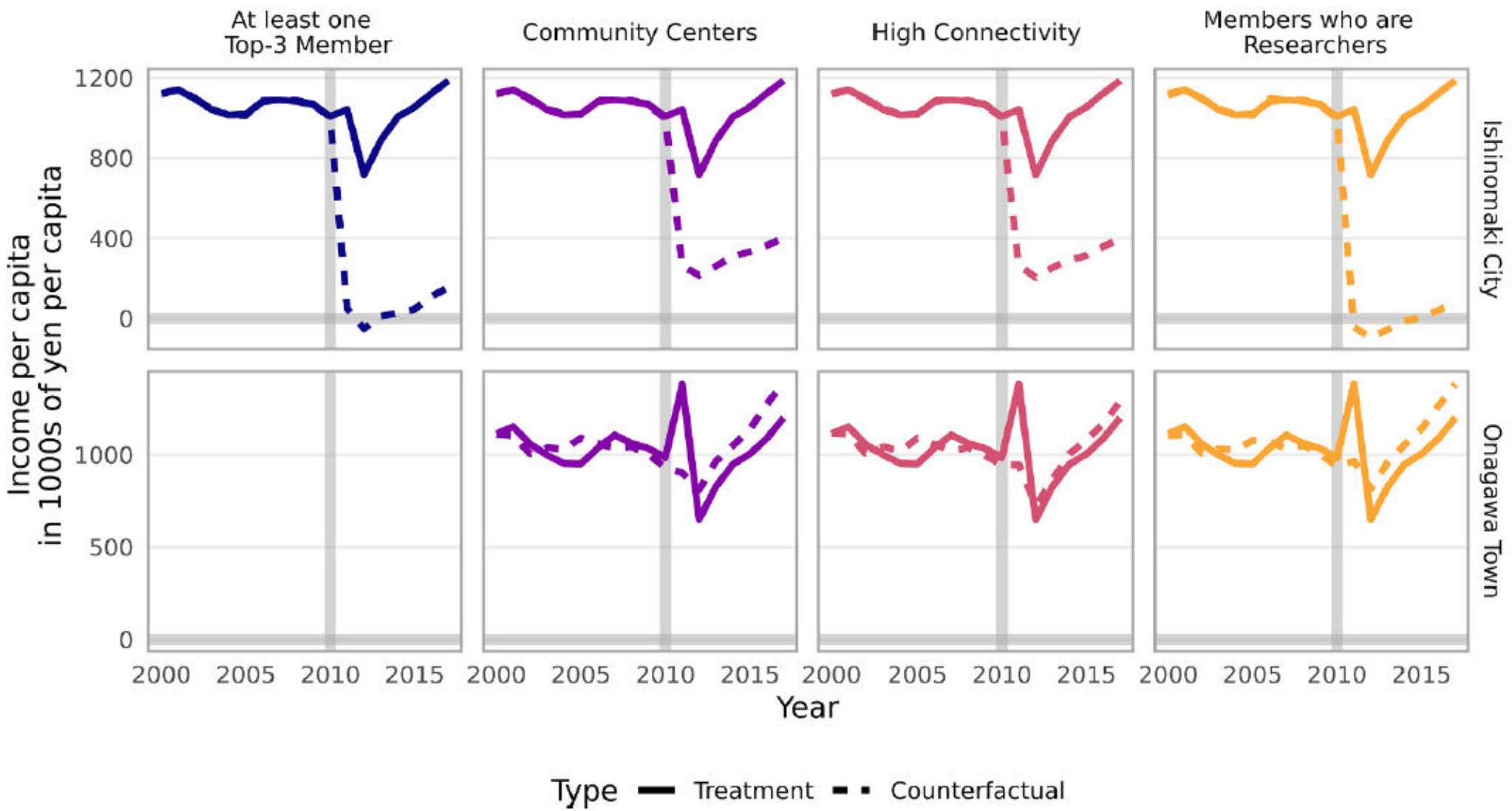
Communities with more social infrastructure saw fewer deaths



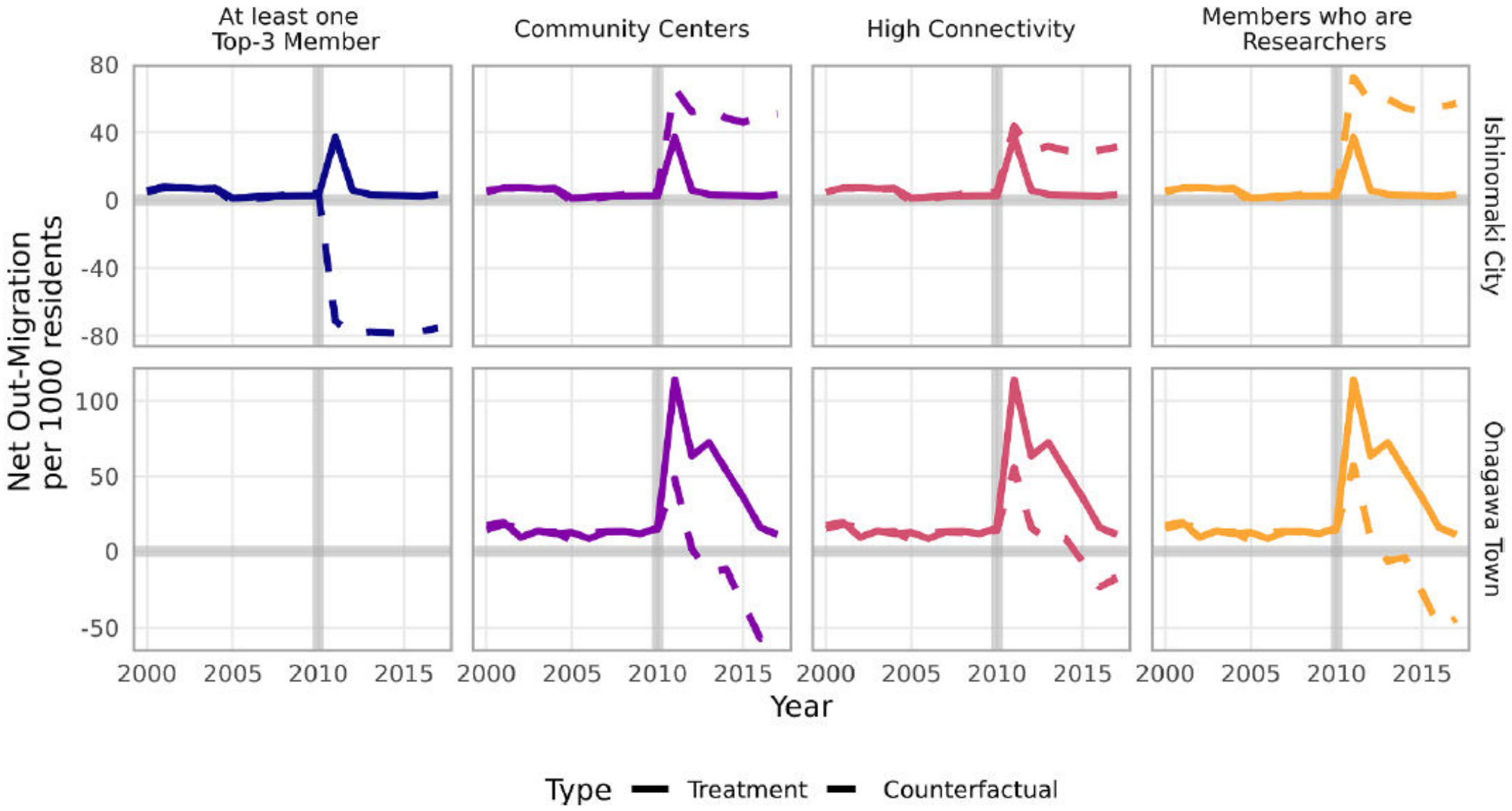

Parishes by Damage Level
LA Speaks Day Parishes
Treated (n = 20)
(%) Housing Units Damaged
90 (Max)
75
50
25
0 (Min)
Vernon
Beauregard
Allen
Jefferson
Calcasieu
Davis
Cameron
Vermilion
Iberia
St. Mary
Washington
Tangipahoa
St. Tammany
St. James
Orleans
St. Charles
St. Bernard
Jefferson
Lafourche
Terrebonne
Plaquemines
N
100 km


Average Treatment Effects of Policy Toolkits
Net Income Inflow
$ per 100 residents
Net In-Migration
per 1000 residents
Hard
Soft
Local
State
-7.7*
p = 0.044
12.1**
8.06*
p = 0.006
p = 0.045
-8.58
p = 0.273
-3.66.
p = 0.05
3.77.
3.61.
p = 0.077
p = 0.083
-7.4*
p = 0.042
-25
-20
-15
-10
-5
0
5
10
15
20
-15
-10
-5
0
5
Average Treatment Effects

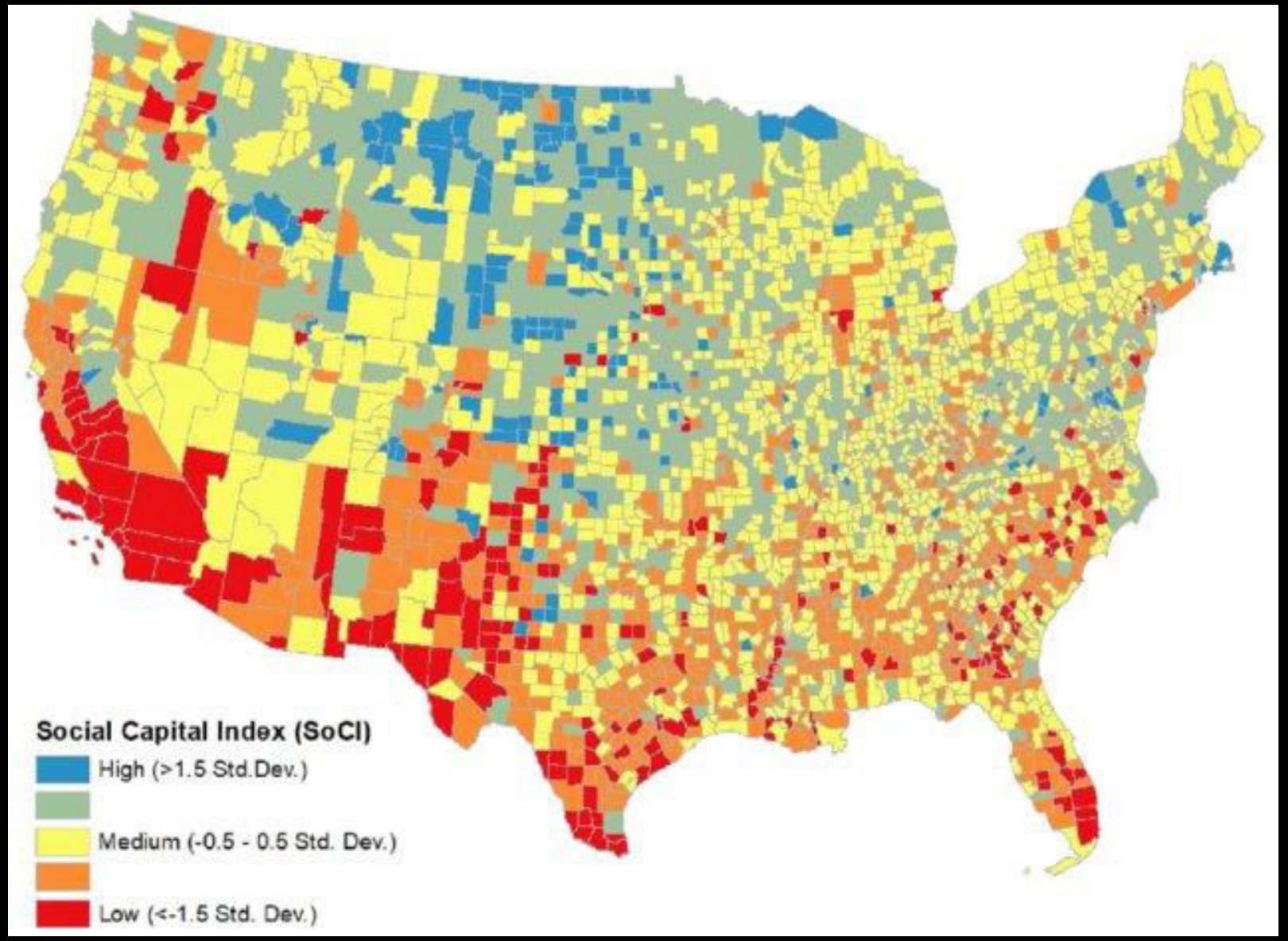
Social Infrastructure Drives Economic Recovery



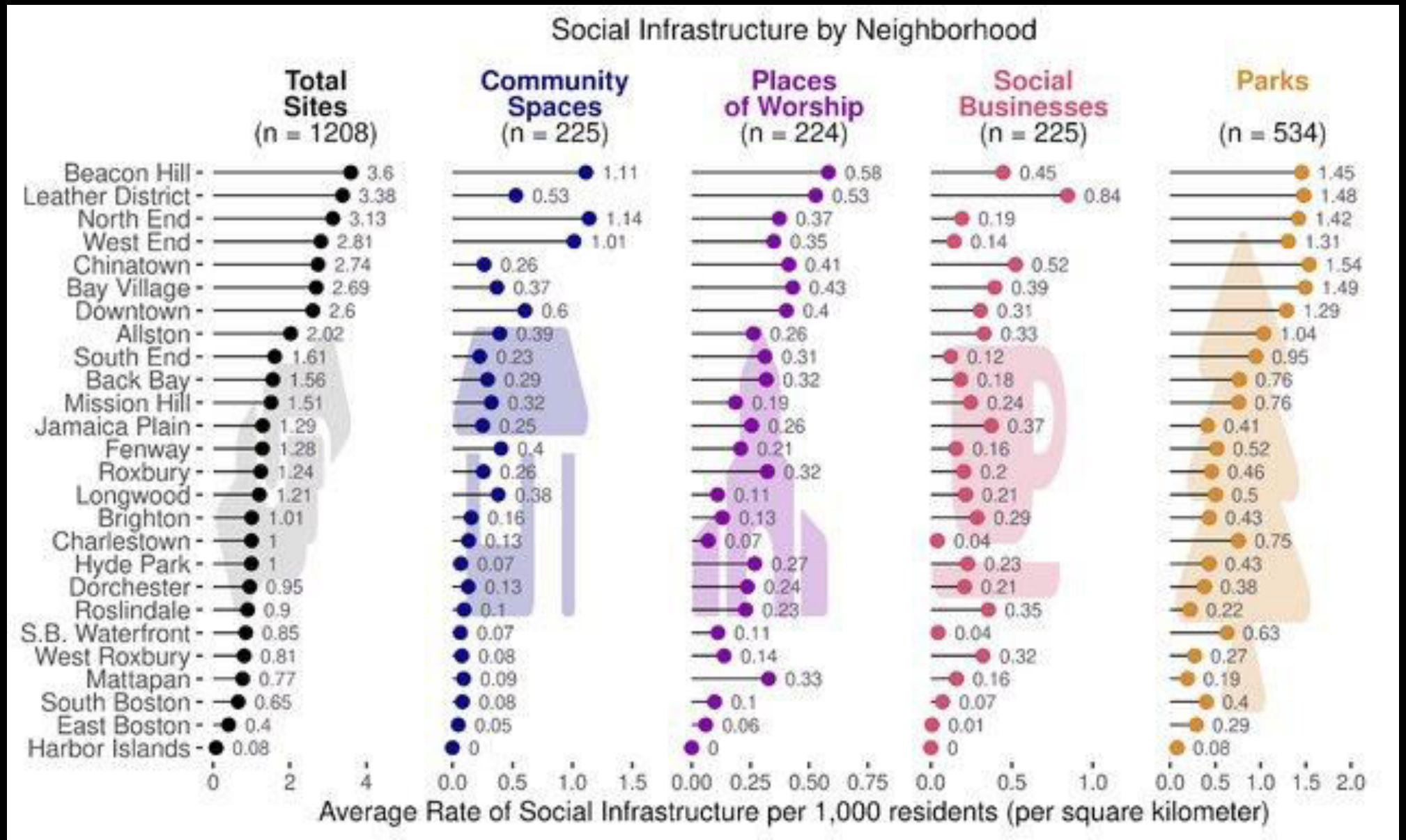
Social Infrastructure Helps Population Recovery



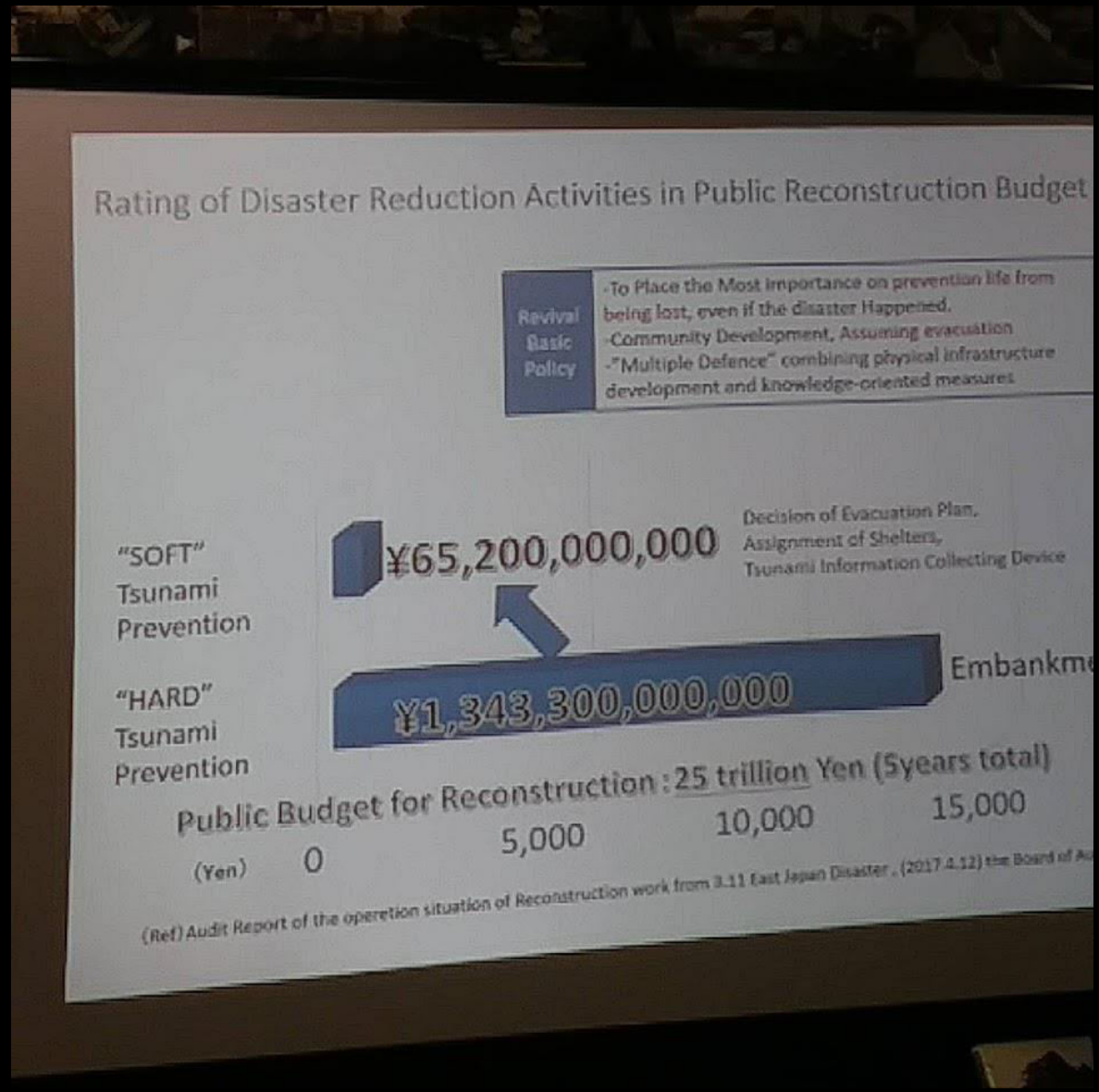
Lack of systematic data on social infrastructure



Uneven distribution of social infrastructure



Huge imbalance between physical and social infrastructure investment



Conclusions

Societies fall back on building and rebuilding physical infrastructure but overlook social infrastructure

Social businesses, community spaces, parks, and places of worship are underappreciated for their ability to build bridging social infrastructure

Communities with better access to these gathering places have more resilience to shocks

Our societies underinvest in these facilities, distribute them unequally, and cut their funding first