

# RI COVID Case Geographic Distribution

Spatial Structures in the Social Sciences,

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# The increasing spread of COVID cases across RI Cities and Towns

Sharper curvature in the graph indicates that municipalities with a smaller share of RI population have a greater share of cases.

As the line “flattens” and approaches the red diagonal line, COVID cases are more evenly distributed through the state’s cities and towns

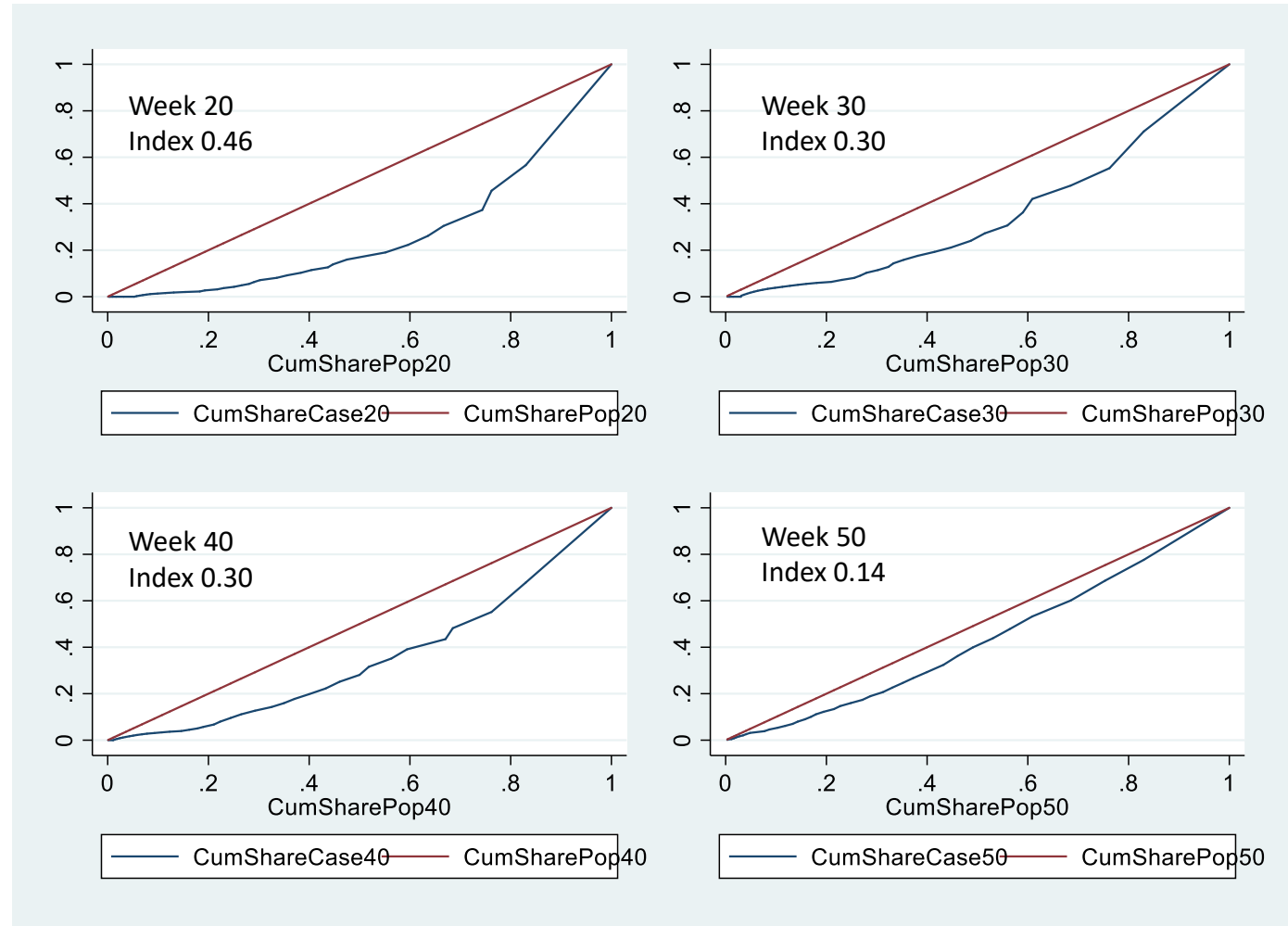
Note: “Week” indicates week within the year as per RI DOH:

5/10-5/16 (Week 20)

7/19-7/25 (Week 30)

9/27-10/3 (Week 40)

12/6-12/12 (Week 50)



# The increasing spread of COVID cases across RI Cities and Towns

Box contains the middle 50% of COVID rates for RI cities and town.

Over time (week 20-50):

- Municipality rates move up, and
- “outlier” dots less prominent over time
- → More evenly spread

Note: “Week” indicates week within the year as per RI DOH, Cases too few in early weeks to meaningfully graph

Note: Scale of vertical Y axis varies each week, to emphasize distribution.

