

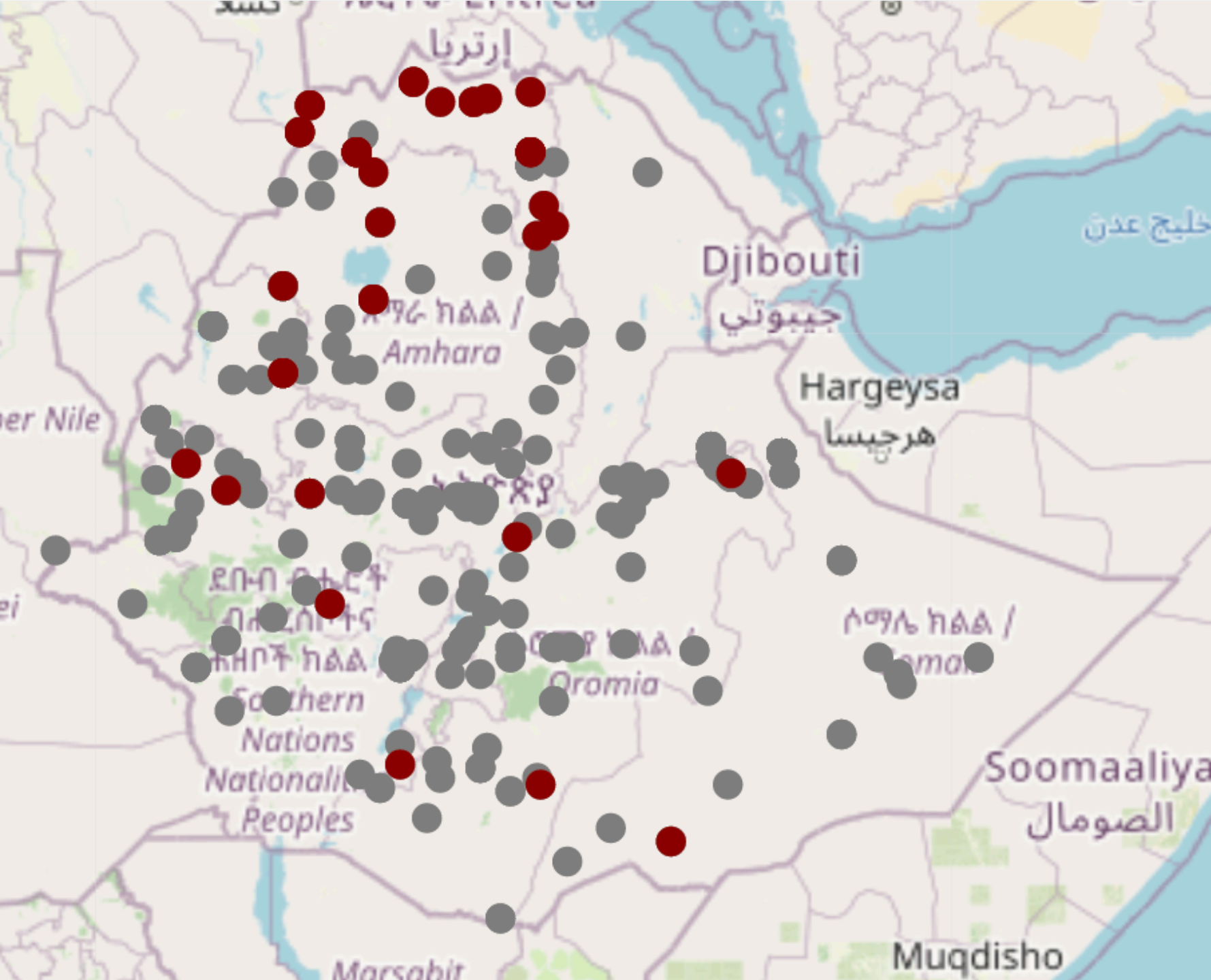
# **Political Violence in Ethiopia**

Sri Ramesh, Fall 2020

# Key Questions

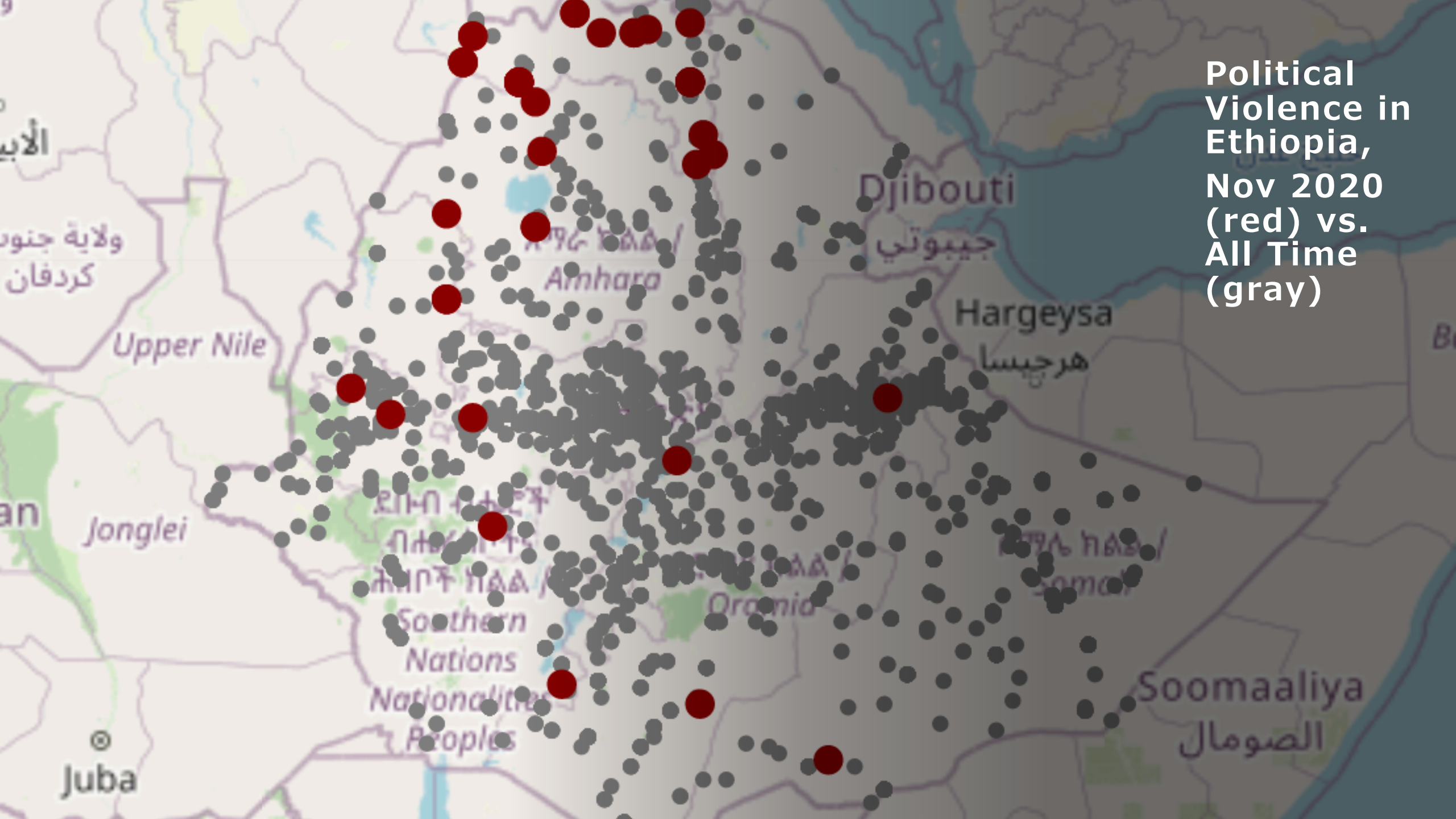
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- How do COVID-19 cases overlap with political violence events in Ethiopia?
- Where can medical clinics be placed to serve areas of highest humanitarian need?

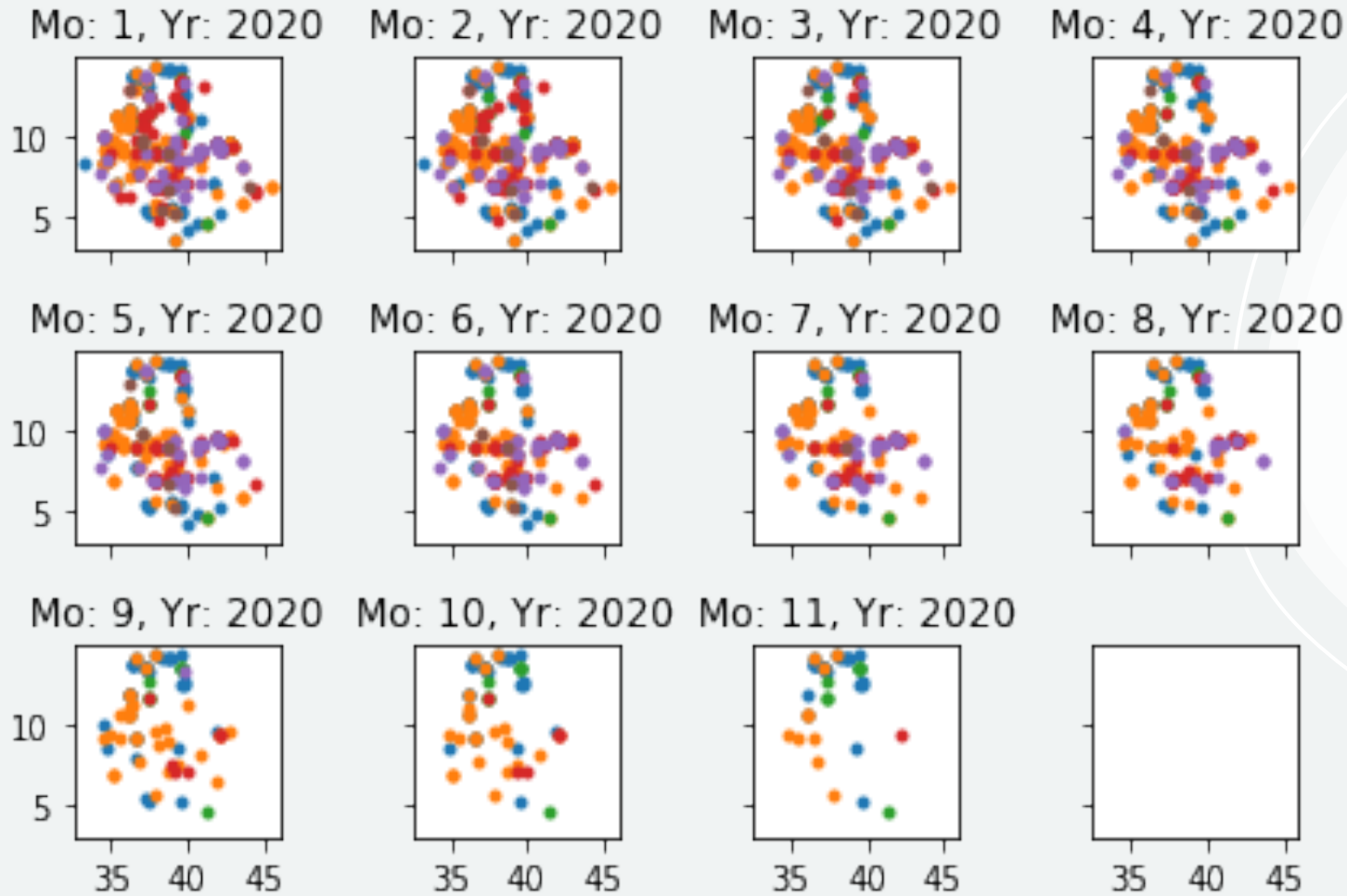


**Political  
Violence in  
Ethiopia,  
Jan - Oct  
2020  
(gray) vs.  
Nov 2020  
(red)**

Political  
Violence in  
Ethiopia,  
Nov 2020  
(red) vs.  
All Time  
(gray)



# Political Violence in Ethiopia by Month





# Hotspot analysis

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- Where there are hotspots of violence in Ethiopia this year?
- What kinds of violence are there hotspots in (e.g. battles, explosions, protests, strategic developments)
- *Will use kernel density estimation and a Monte Carlo simulation of the K-function to estimate*

# COVID Cases by District (Adm 1)

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