COVID-19: Epidemiological considerations for re-opening

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Open question 1: immunity?

Kissler et al (2020)
Open question 2: asymptomatics?


Prem et al. (2020) Lancet
Open question 3: contact rates?

Prem et al. (2020) Lancet
Montgomery County, AR: 15% as of 05/06

Queens County, NY: -50% as of 05/06

http://nrs.harvard.edu/urn-3:HUL.InstRes:42665370
U.S. county-level characteristics to inform equitable COVID-19 response

Taylor Chin, Rebecca Kahn, Ruoran Li, Jarvis T. Chen, Nancy Krieger, Caroline O. Buckee, Satchit Balsari, Mathew V. Kiang

doi: https://doi.org/10.1101/2020.04.08.20058248
Considerations for re-opening

• How will we monitor the epidemic while re-opening?

• What will the decision-rule be for adapting policies?

• The epidemic is hyper-local and staggered: what spatial scale is appropriate for policy making?

• What are we willing to tolerate?