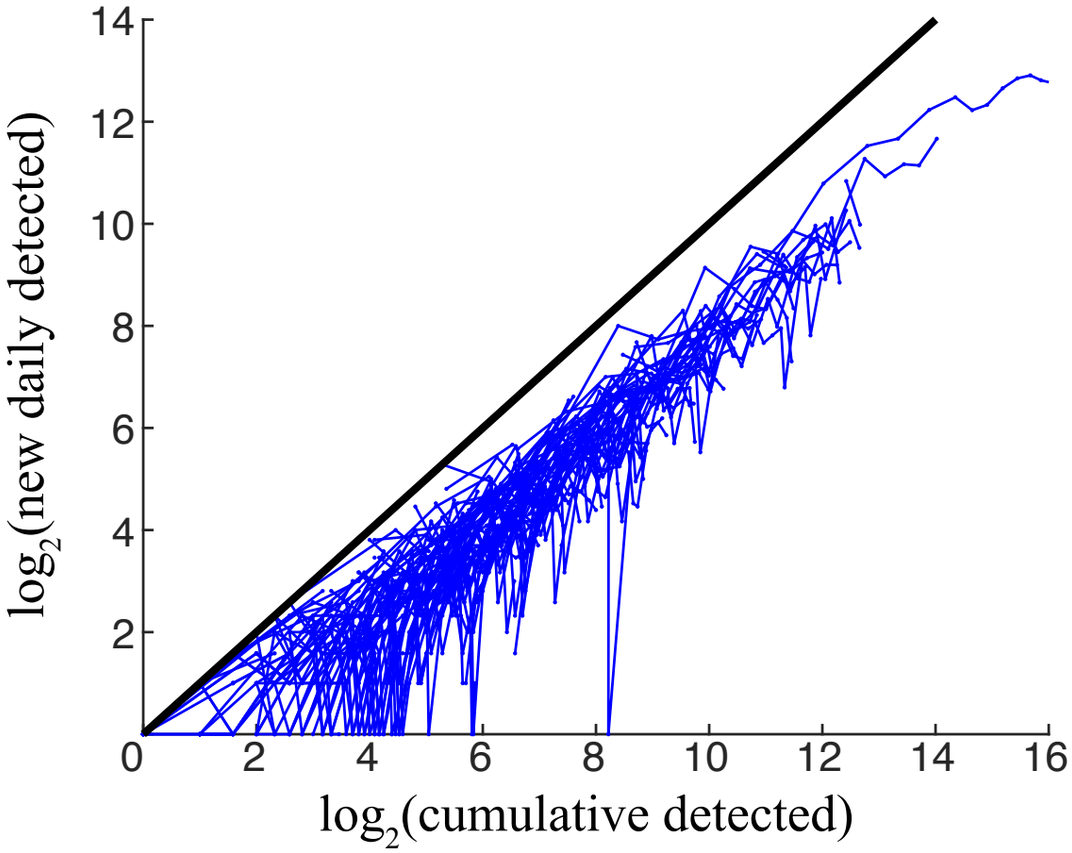
Covid detections state-by-state

Data as of 3-30-2020
(data source: covid tracking project)
Dan Butts

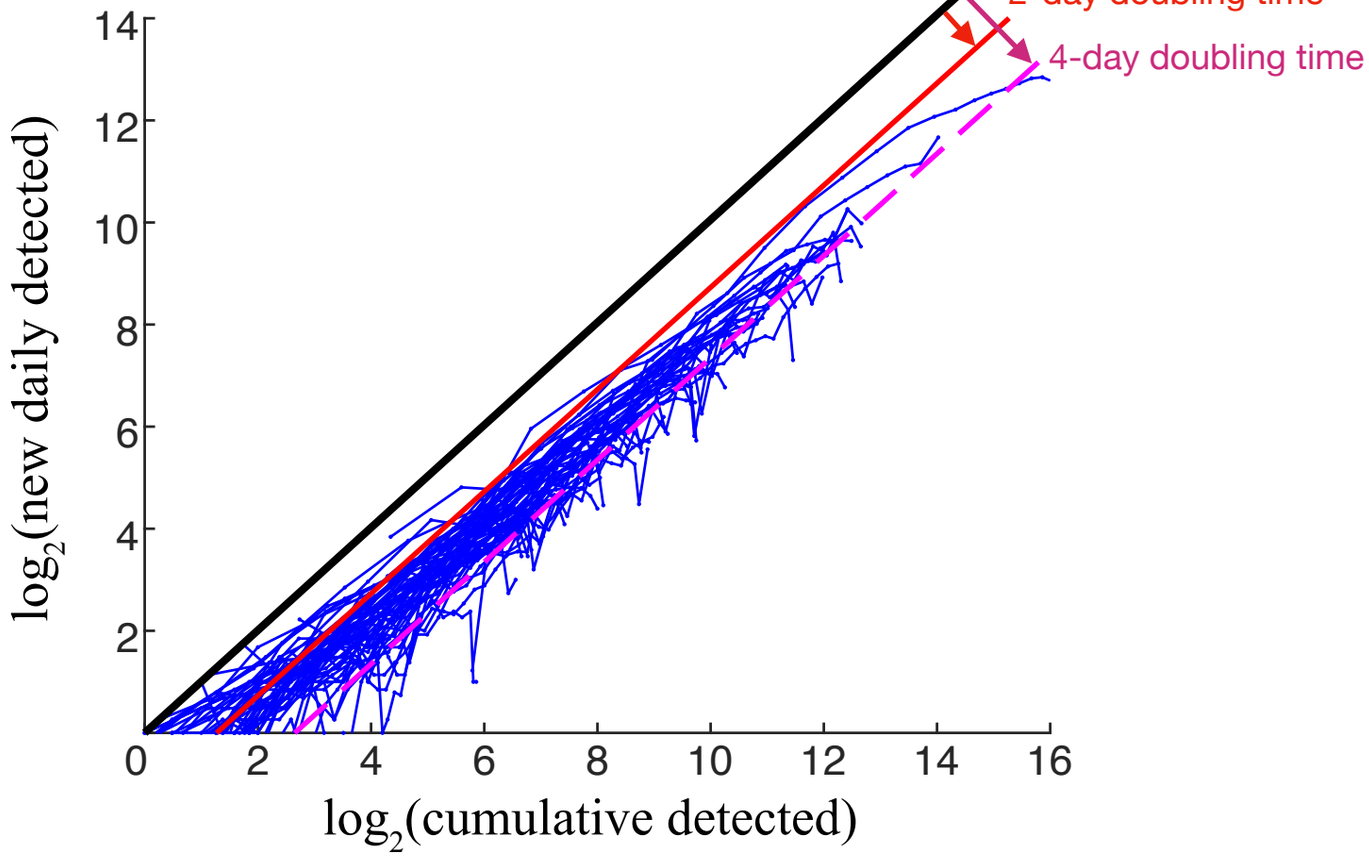
OVERALL (all 56 states in database)

Raw data



4 = $\log_2(16)$
10 = $\log_2(1{,}024)$
16 = $\log_2(65{,}536)$

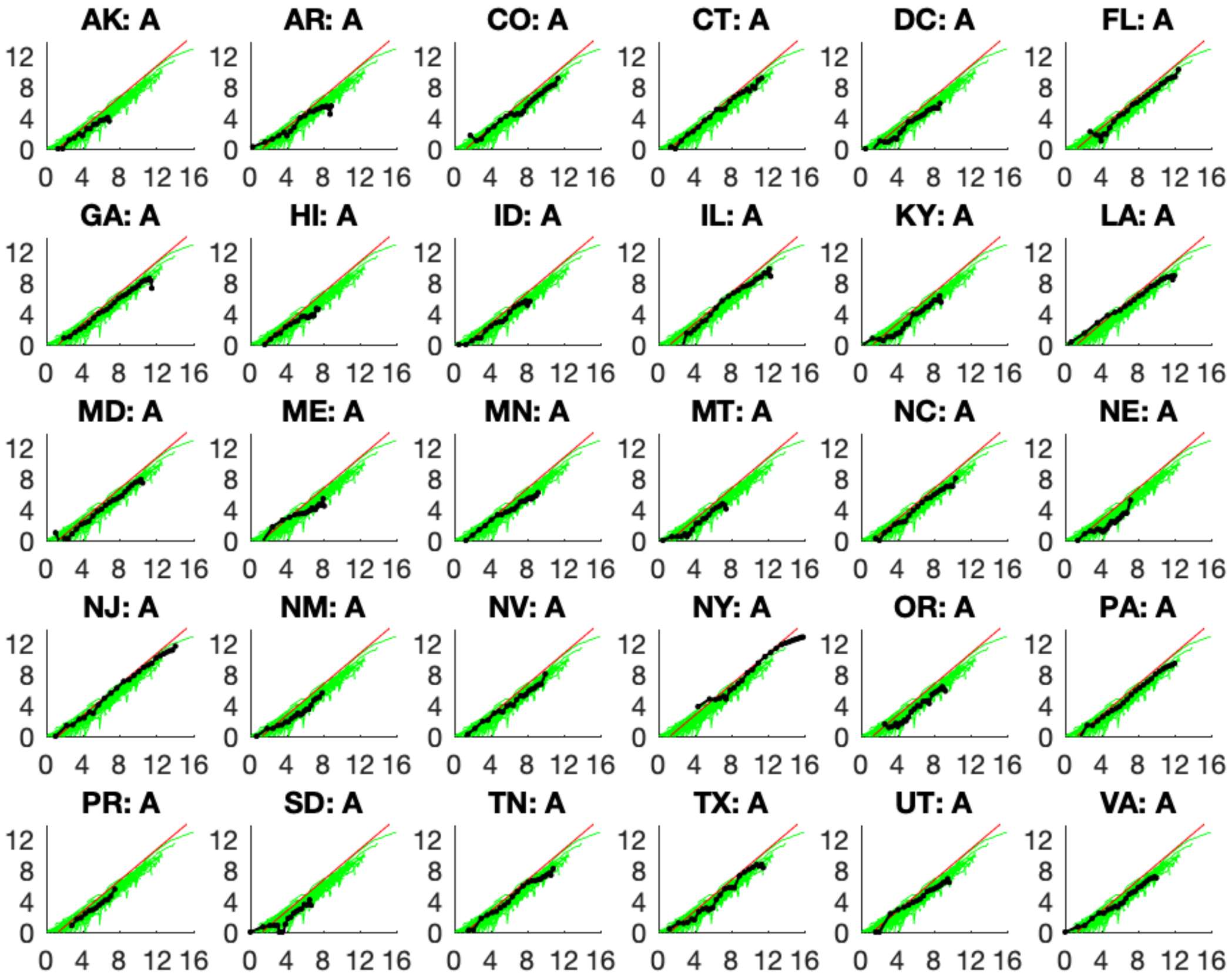
Smoothed**



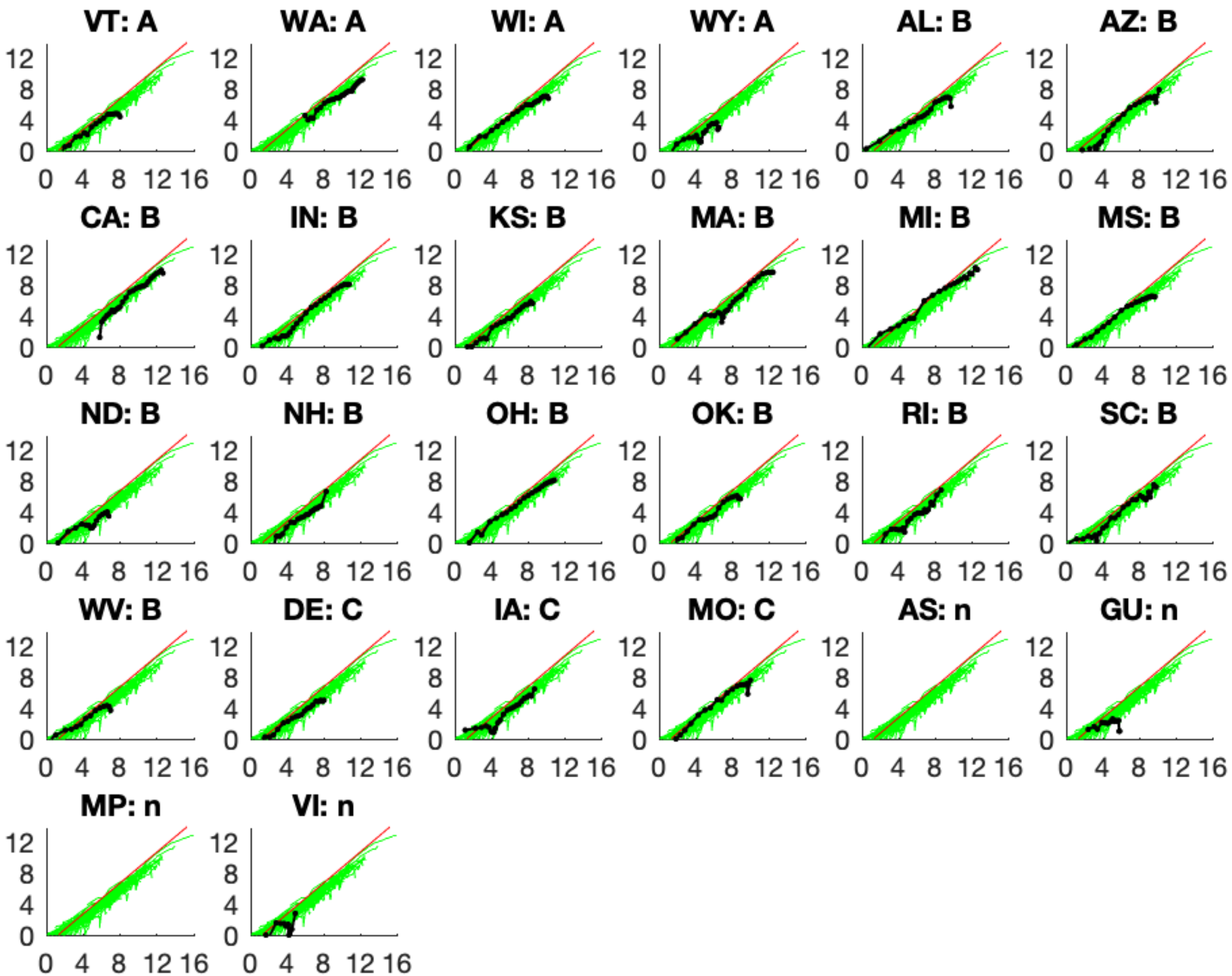
**cumulative counts represent 5-day average

*Doubling time estimated as shift along vertical axis by:

$$\log_2\left(1 - 2^{-1/\tau}\right)$$



[red line shows estimate of 2-day doubling time]



[red line shows estimate of 2-day doubling time]