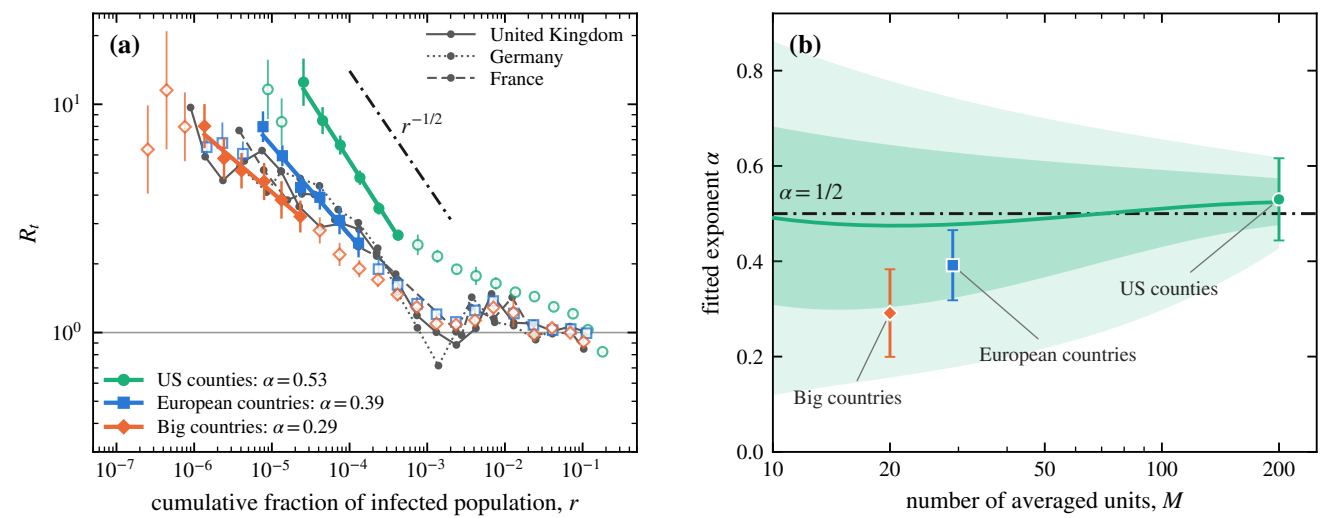

(a)
United Kingdom
Germany
France
$r^{-1/2}$
R_t
10^1
10^0
US counties: $\alpha = 0.53$
European countries: $\alpha = 0.39$
Big countries: $\alpha = 0.29$
10^{-7} 10^{-6} 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1}
cumulative fraction of infected population, r
(b)
fitted exponent α
0.0 0.2 0.4 0.6 0.8
$\alpha = 1/2$
US counties
European countries
Big countries
10 20 50 100 200
number of averaged units, M