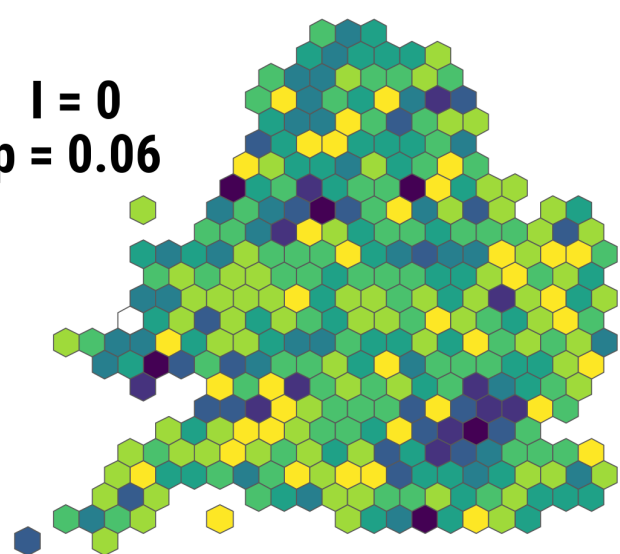


Population coverage bias by data source

A

Twitter/X

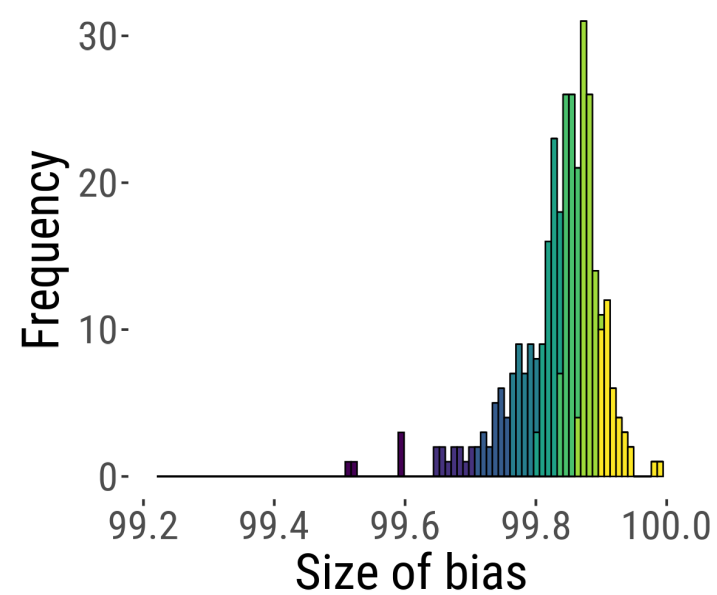
$I = 0$
 $p = 0.06$



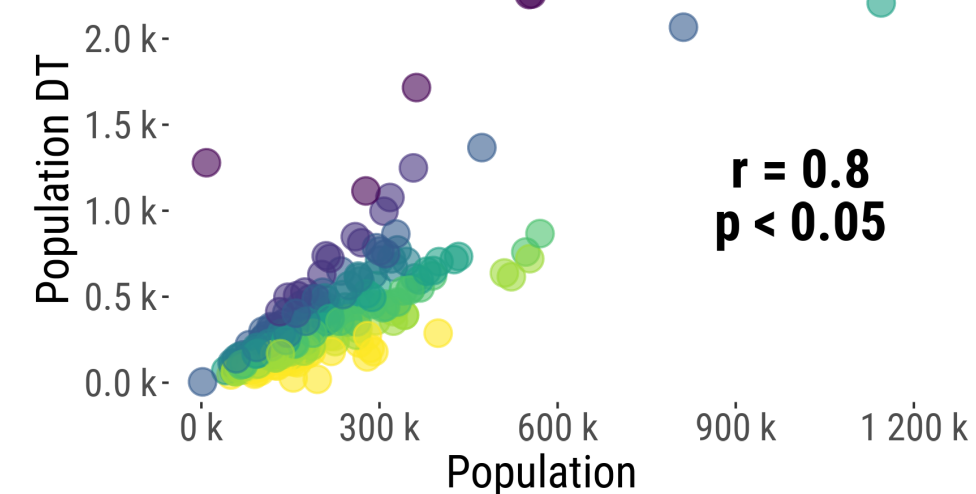
Size of bias

[85.1, 99.6)
[99.6, 99.7)
[99.7, 99.8)
[99.8, 99.8)
[99.8, 99.8)
[99.8, 99.9)
[99.9, 99.9)
[99.9, 100.0)

B



C



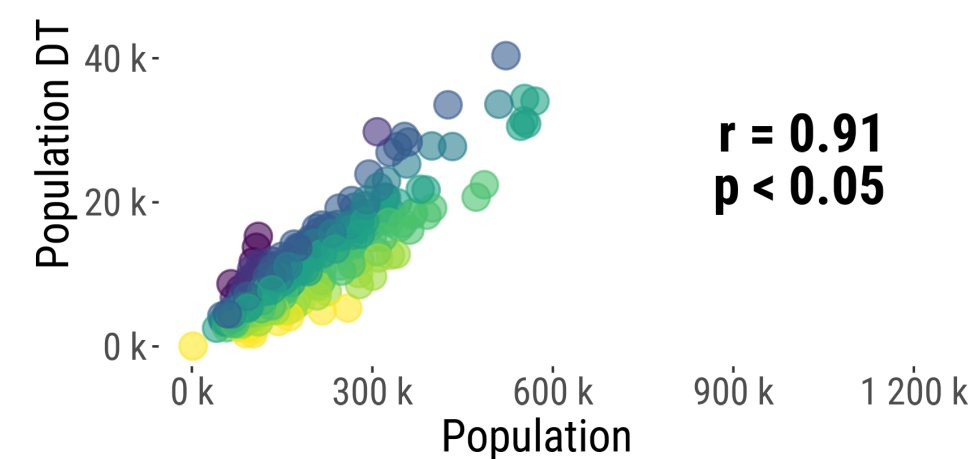
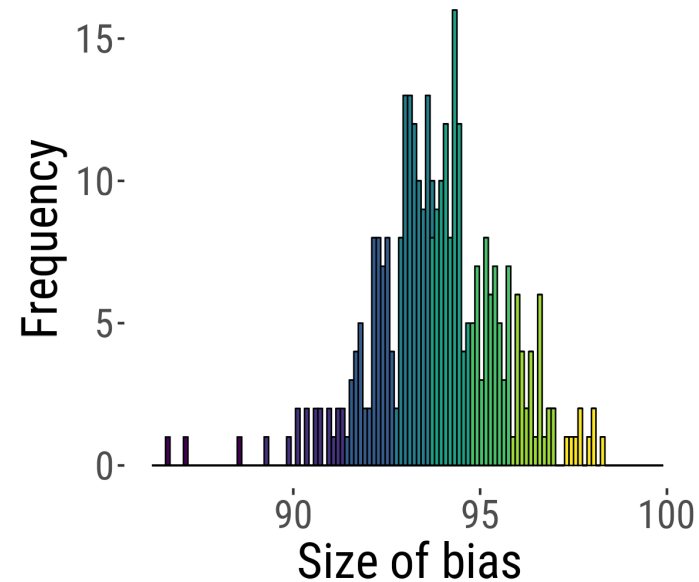
Meta

$I = 0.18$
 $p < 0.05$



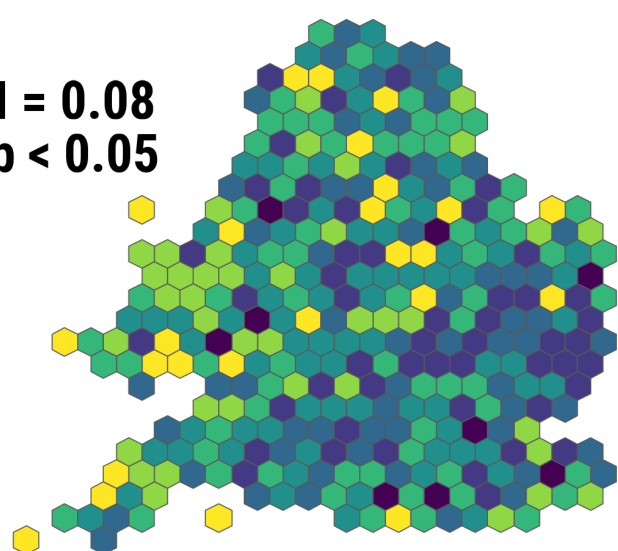
Size of bias

[86.2, 88.5)
[88.5, 91.3)
[91.3, 92.7)
[92.7, 93.7)
[93.7, 94.7)
[94.7, 95.8)
[95.8, 96.9)
[96.9, 98.3)



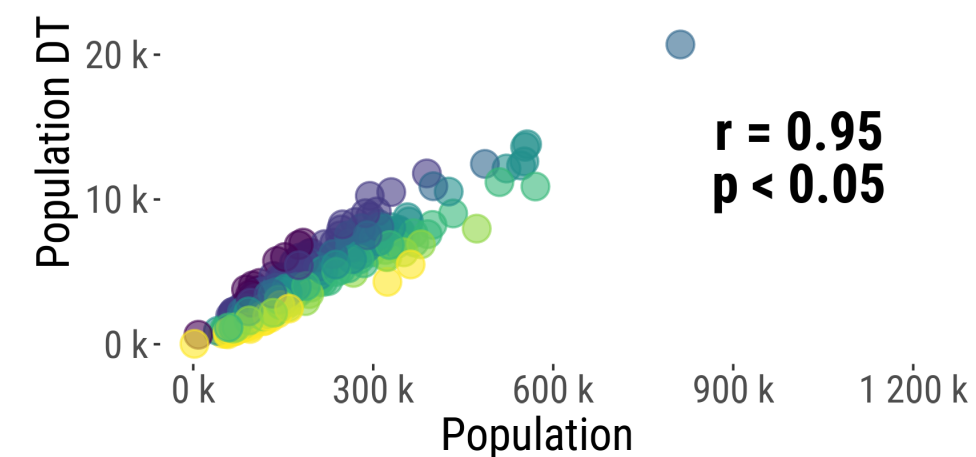
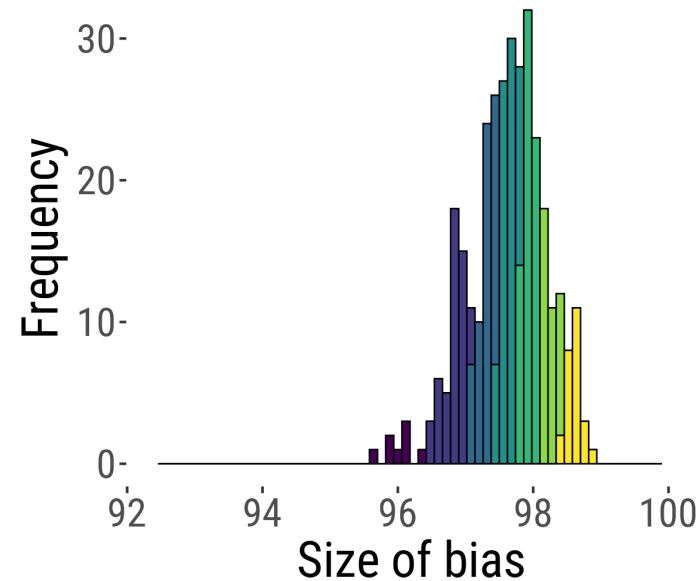
Multi-app1

$I = 0.08$
 $p < 0.05$



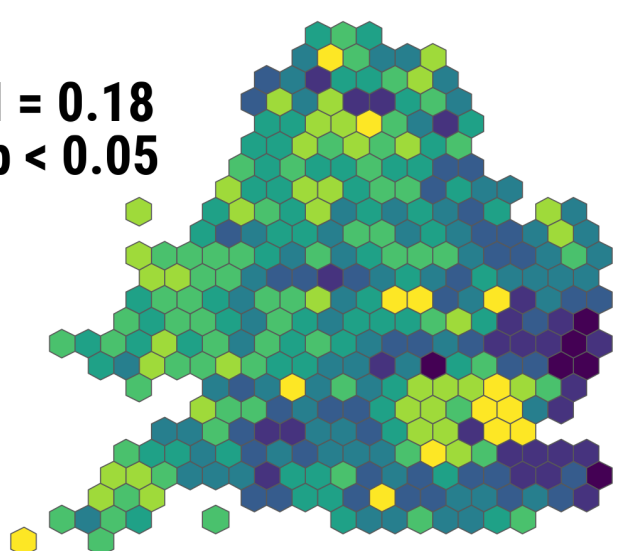
Size of bias

[92.4, 96.4)
[96.4, 97.1)
[97.1, 97.5)
[97.5, 97.8)
[97.8, 98.1)
[98.1, 98.4)
[98.4, 98.9)



Multi-app2

$I = 0.18$
 $p < 0.05$



Size of bias

[97.8, 98.1)
[98.1, 98.4)
[98.4, 98.7)
[98.7, 98.8)
[98.8, 99.0)
[99.0, 99.1)
[99.1, 99.3)
[99.3, 99.7)

