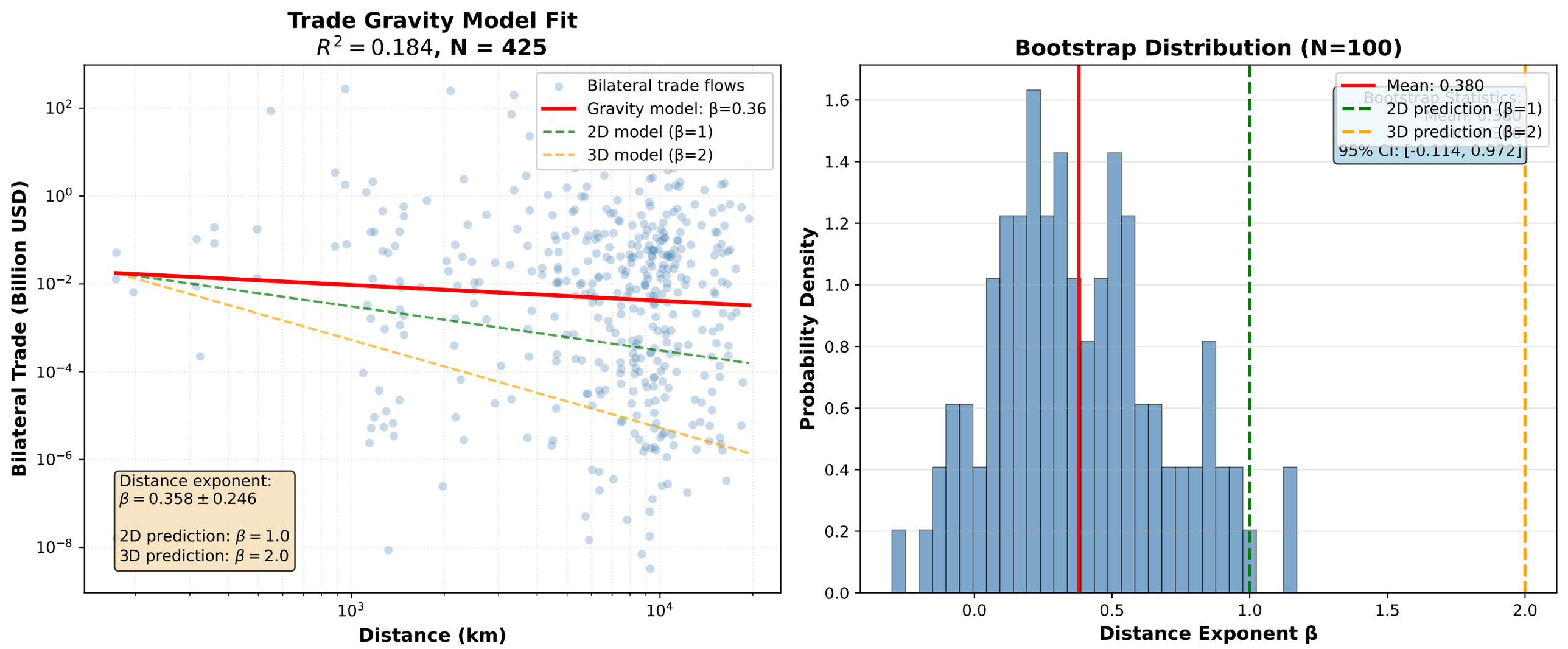
Trade Gravity Model Fit
$R^2 = 0.184$, N = 425
Bilateral trade flows
Gravity model: β=0.36
2D model (β=1)
3D model (β=2)
Distance exponent:
$\beta = 0.358 \pm 0.246$
2D prediction: $\beta = 1.0$
3D prediction: $\beta = 2.0$
Bilateral Trade (Billion USD)
Distance (km)
Bootstrap Distribution (N=100)
Mean: 0.380
2D prediction (β=1)
3D prediction (β=2)
95% CI: [-0.114, 0.972]
Probability Density
Distance Exponent β