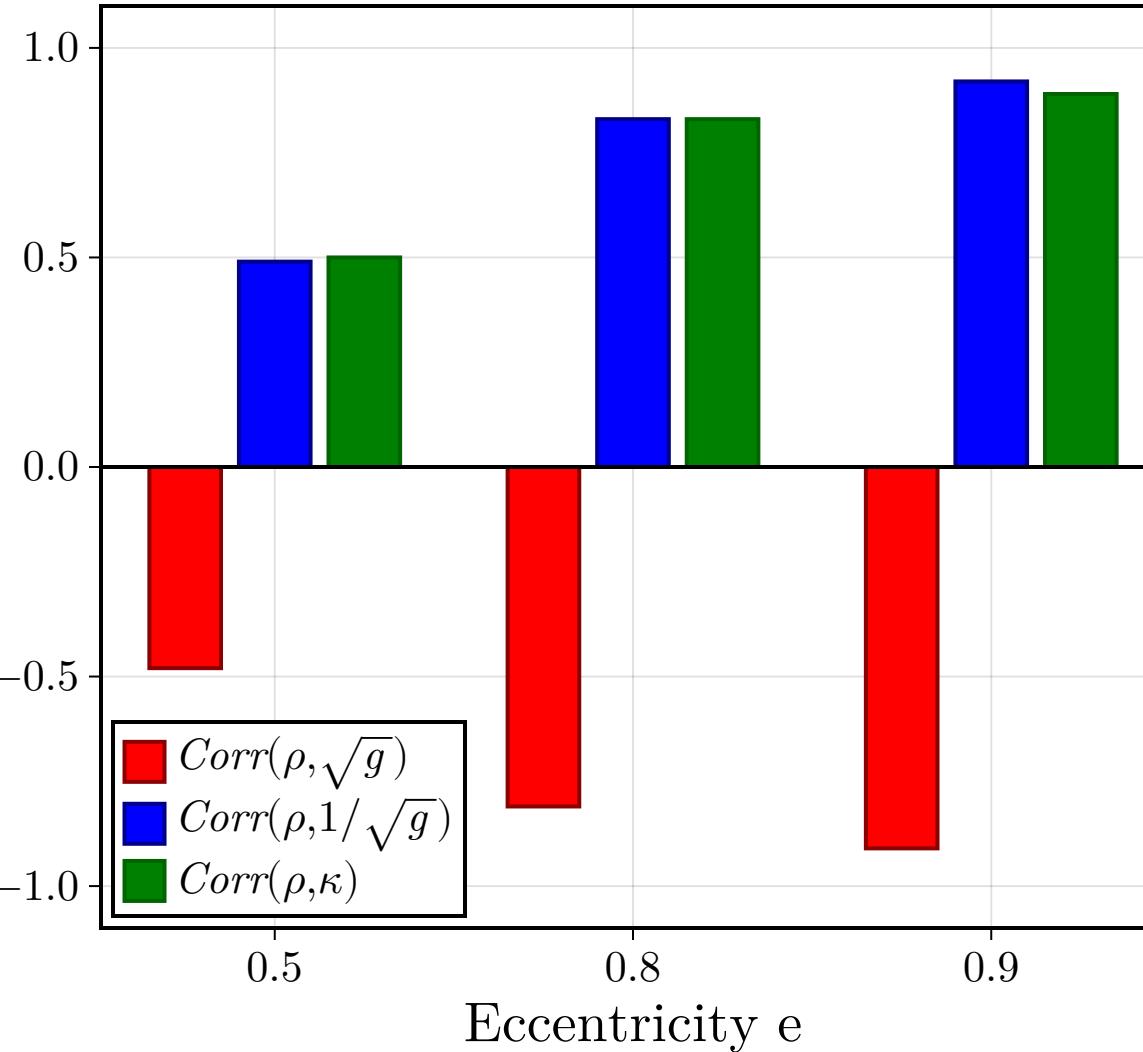


Correlation with Different Predictions

Correlation Coefficient



Physical Interpretation

Equilibrium Prediction:

$$\rho \propto \sqrt{g_{\phi\phi}} \quad (\text{MORE particles at low } \kappa)$$

WRONG!

Observed (This Work):

$$\rho \propto 1/\sqrt{g_{\phi\phi}} \propto \kappa^{2/3}$$

(MORE particles at HIGH κ)

NON-EQUILIBRIUM STEADY STATE