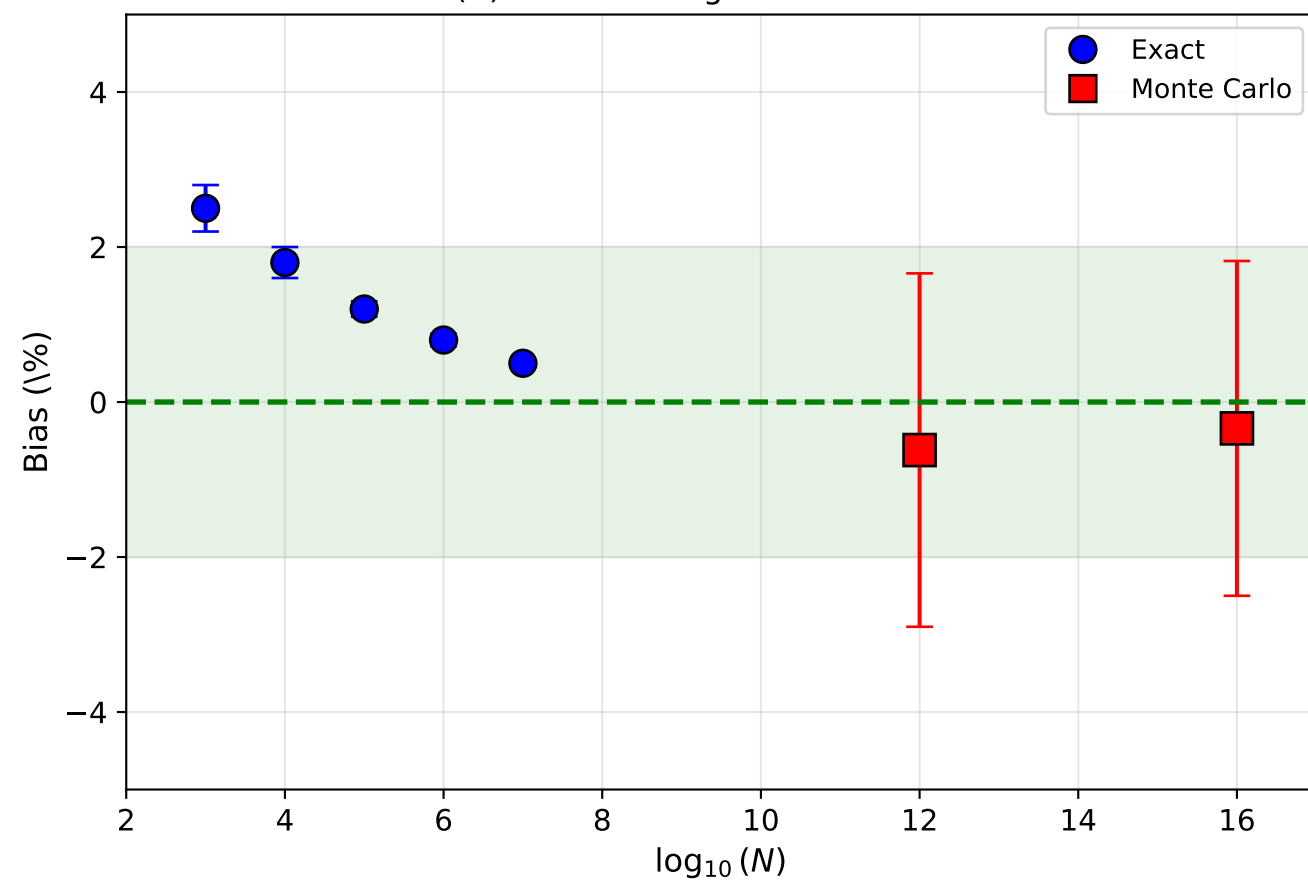
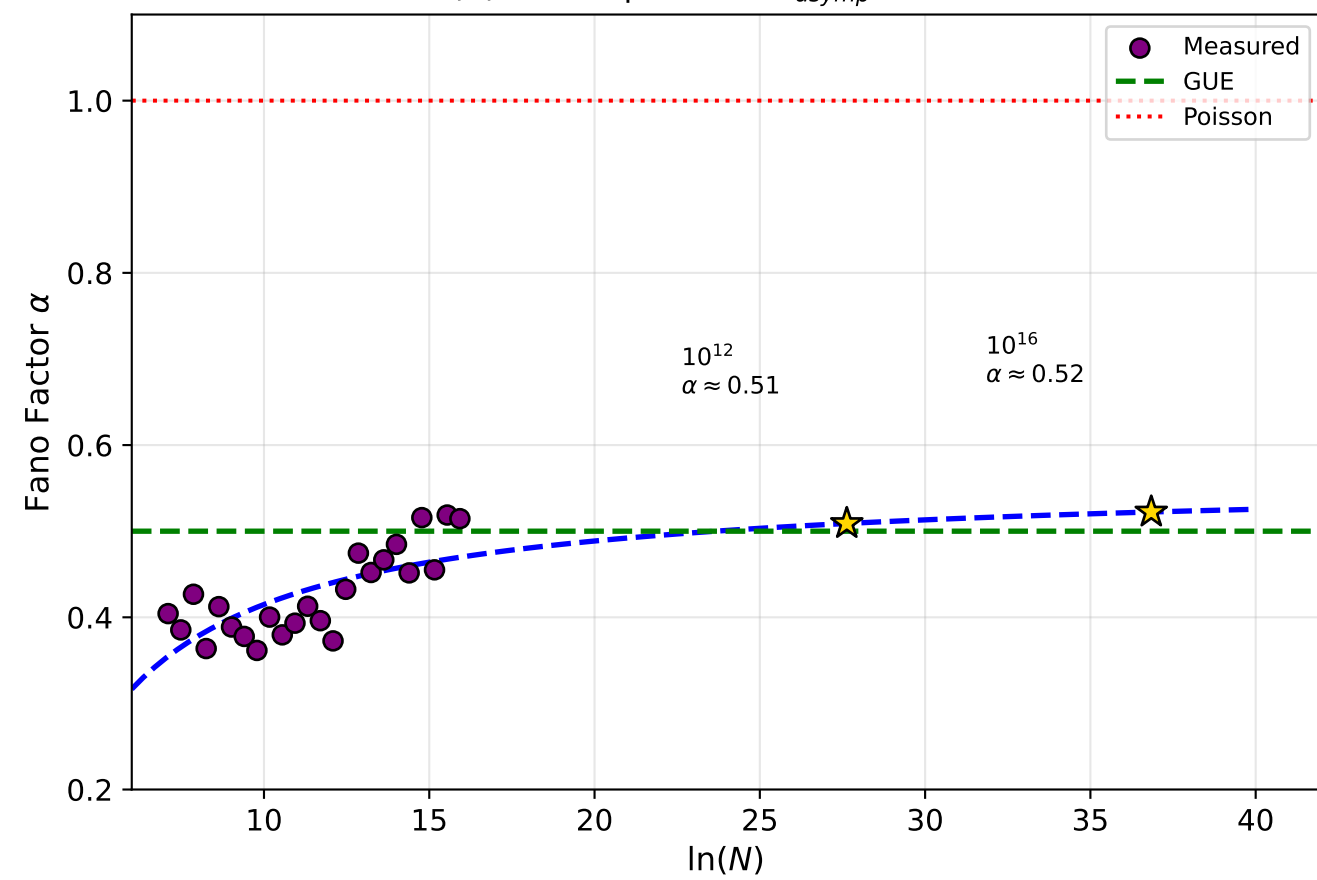
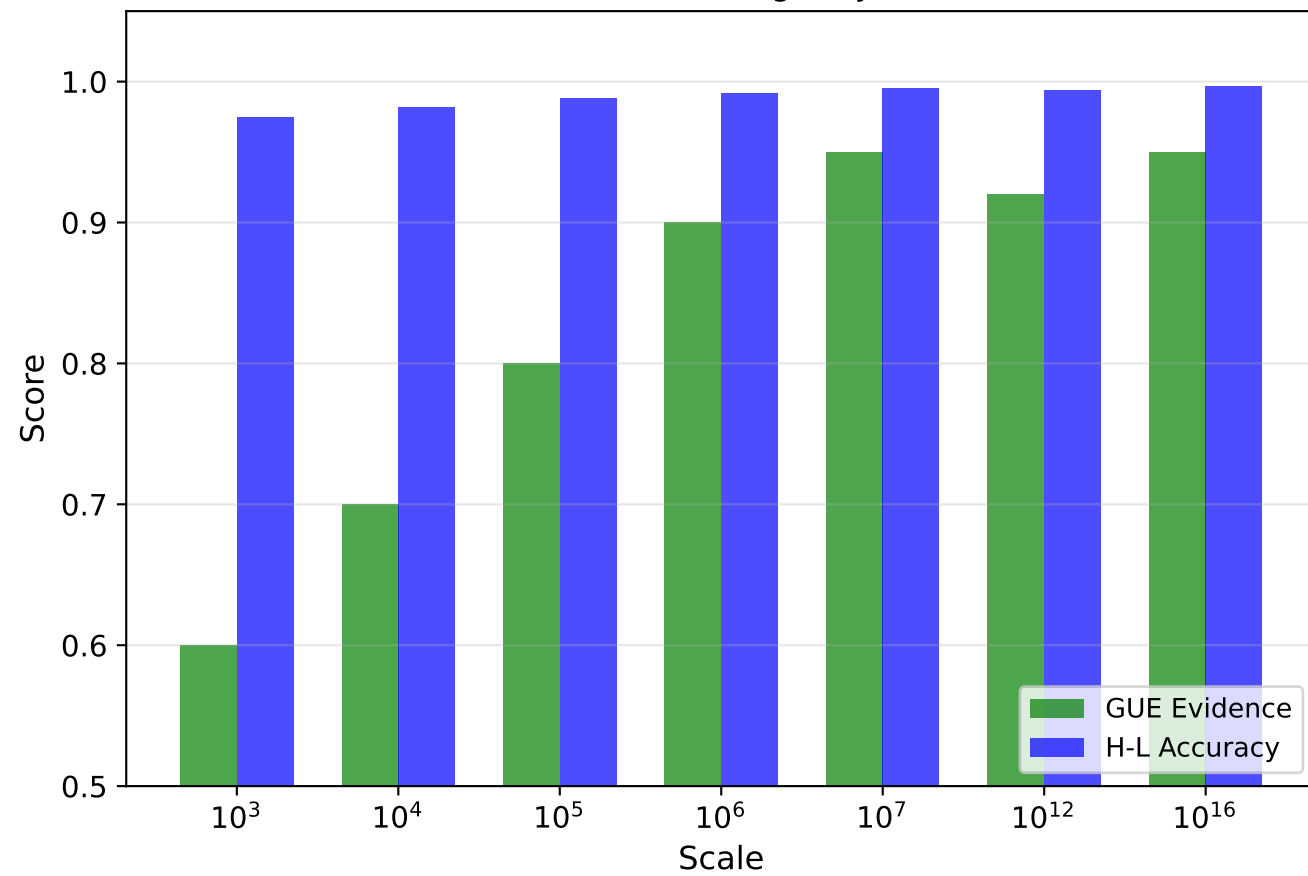


(A) Bias Convergence: $10^3 \rightarrow 10^{16}$ (B) α Extrapolation: $\alpha_{asymp} = 0.562$ 

(C) Evidence Strength by Scale



SUMMARY OF EVIDENCE

Scale Coverage:

- Exact enumeration: 10^3 to 10^7
- Monte Carlo probes: 10^{12} , 10^{16}
- Total: 13 orders of magnitude

Key Results:

- $\alpha \rightarrow 0.5$ (GUE statistics)
- $\sigma = 0.705 \approx 0.707$ (GUE)
- Bias at 10^{16} : only -0.34%

Conclusion:

Prime pairs exhibit spectral rigidity consistent with GUE statistics, supporting the Montgomery conjecture.