Theoretical Bound Validation: $CV \le \alpha/\sqrt{\rho(1-\rho)}$

Bound violations: 0/20
$\alpha = 0.35$
Mean observed CV: 0.453

Legend:
- Observed CV
- Theoretical Bound: $\alpha/\sqrt{\rho(1-\rho)}$
- Bound Satisfied
- $\rho_c \approx 0.50$

X-axis: Mean Pairwise Correlation (ρ)

Y-axis: Coefficient of Variation (CV)