

Correlation-CV Relationship Across Market Segments

Cross-Sector
(Below Threshold)

Pearson $\rho = -0.986$
 $R^2 = 0.973$
 $p < 0.001$

X Cross-Sector (Failed)
● Sector-Specific
— Linear Fit: $R^2 = 0.973$
--- $\rho_c \approx 0.50$ (Critical Threshold)
---- CV = 0.60 (Viability Limit)

Coefficient of Variation (CV)

Mean Pairwise Correlation (ρ)

0.40 0.45 0.50 0.55 0.60 0.65

0.35 0.40 0.45 0.50 0.55 0.60 0.65