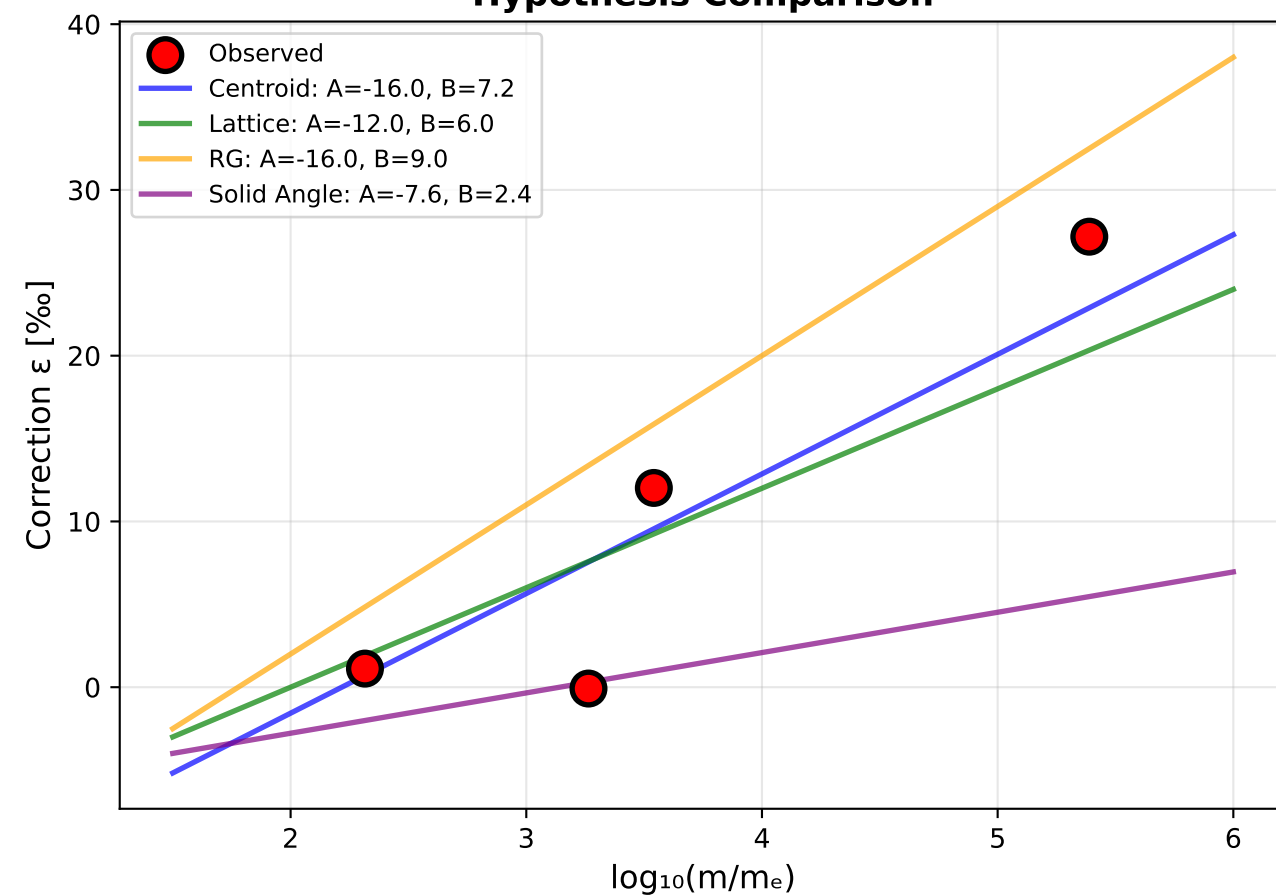
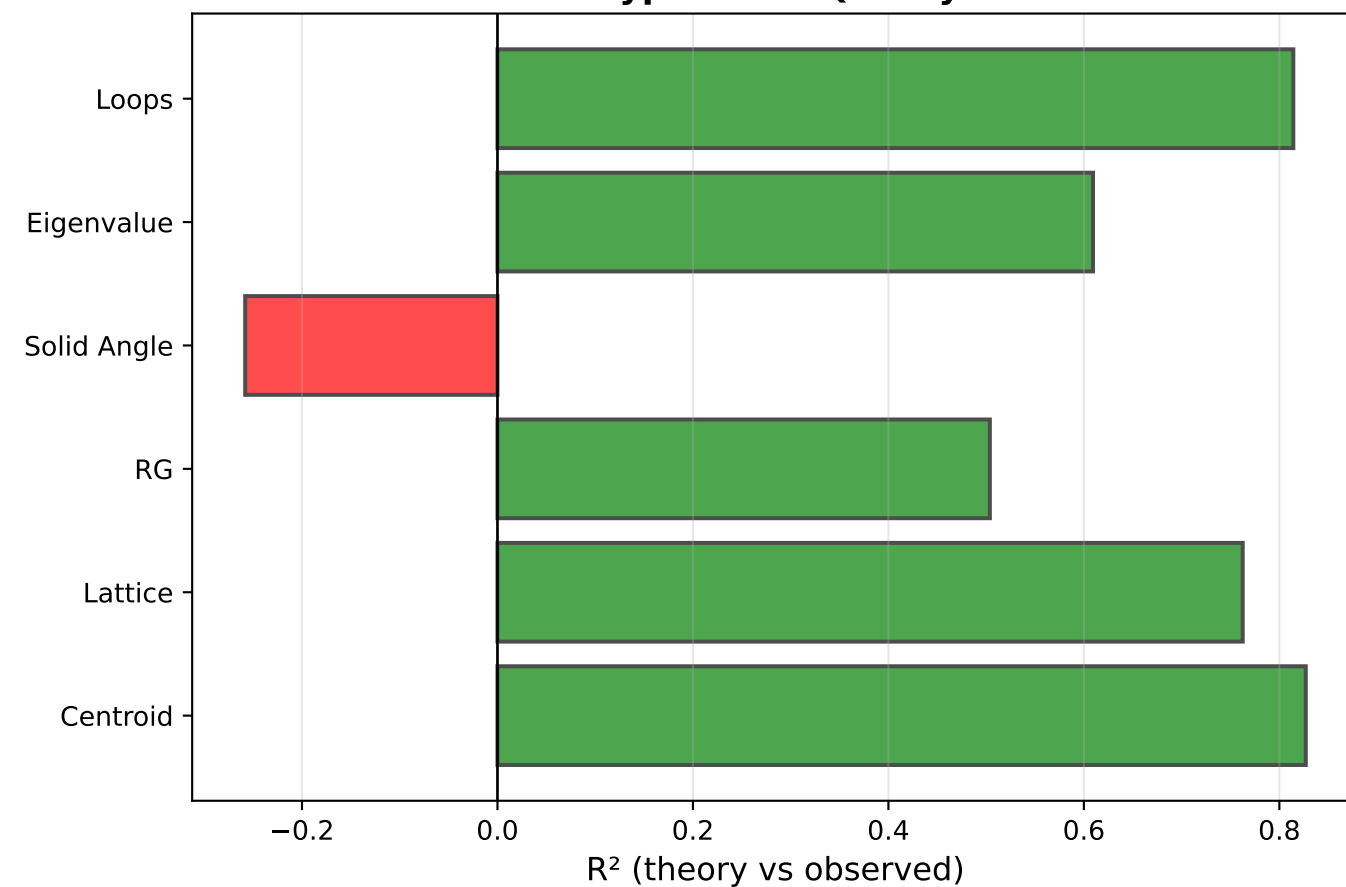


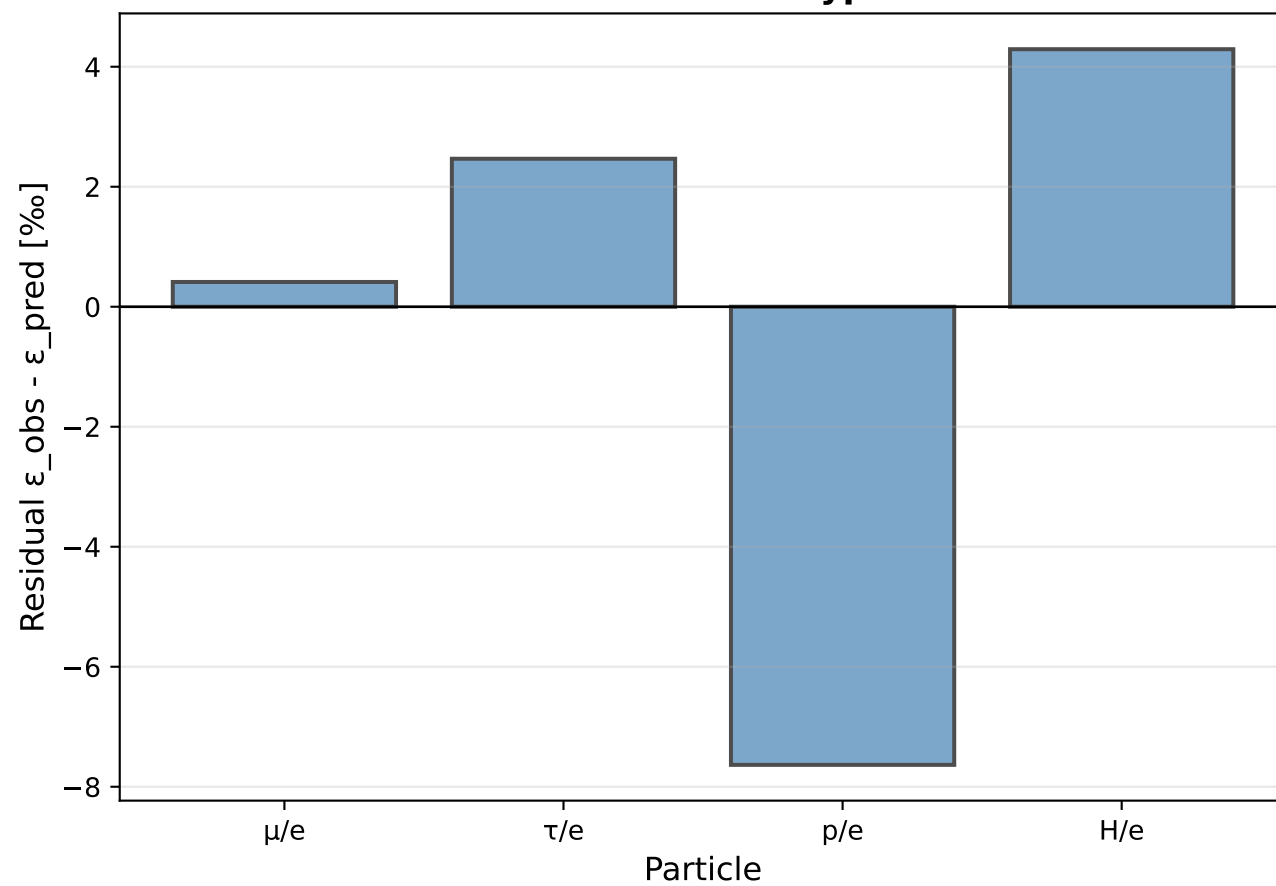
Hypothesis Comparison



Hypothesis Quality



Residuals: Centroid Hypothesis



SYSTEMATIC INVESTIGATION: Discrete \rightarrow Continuous

K_4 gives: 207, 3519, 1836, 251468 (integers)

Observed: 206.8, 3477, 1836, 244814 (smooth)

Universal formula: $\epsilon = A + B \times \log_{10}(m/m_e)$

BEST HYPOTHESIS: Centroid

$A = -16.00$ (from K_4 structure)

$B = 7.22$ (from K_4 structure)

$R^2 = 0.8270$

BEST FIT (empirical):

$A = -23.12$

$B = 9.15$

$R^2 = 0.8657$

Difference:

$\Delta A = 7.12$

$\Delta B = 1.93$