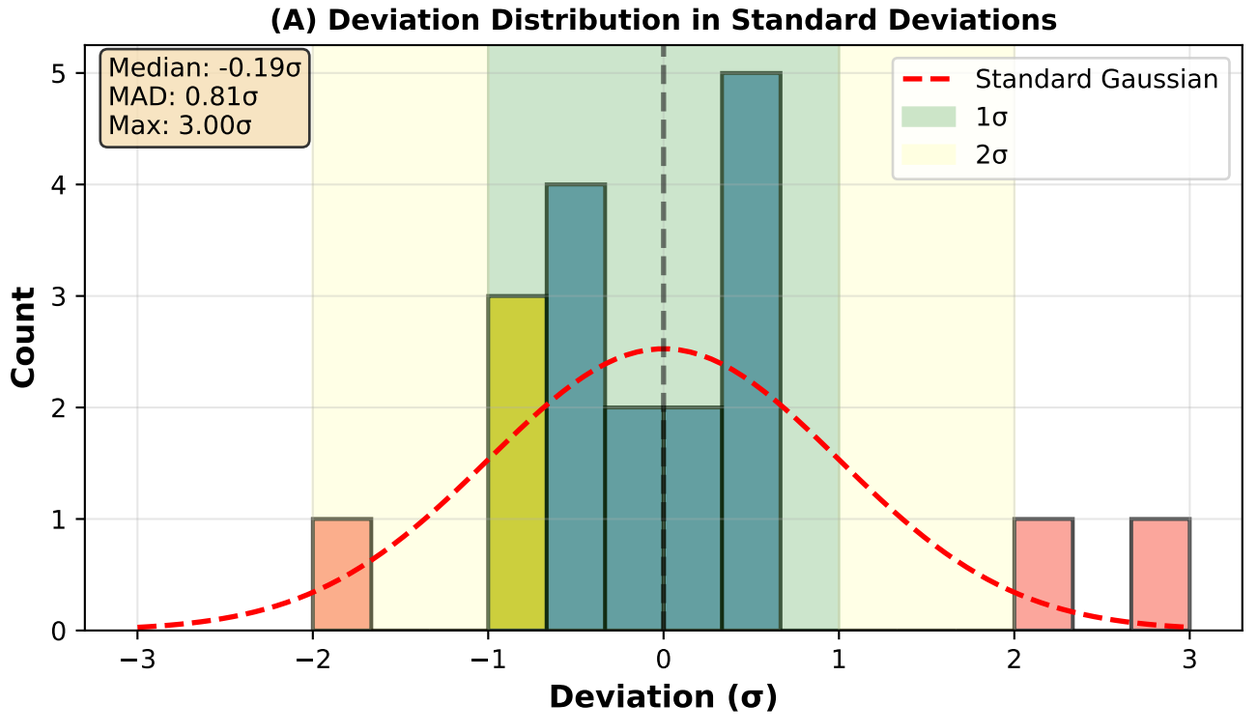
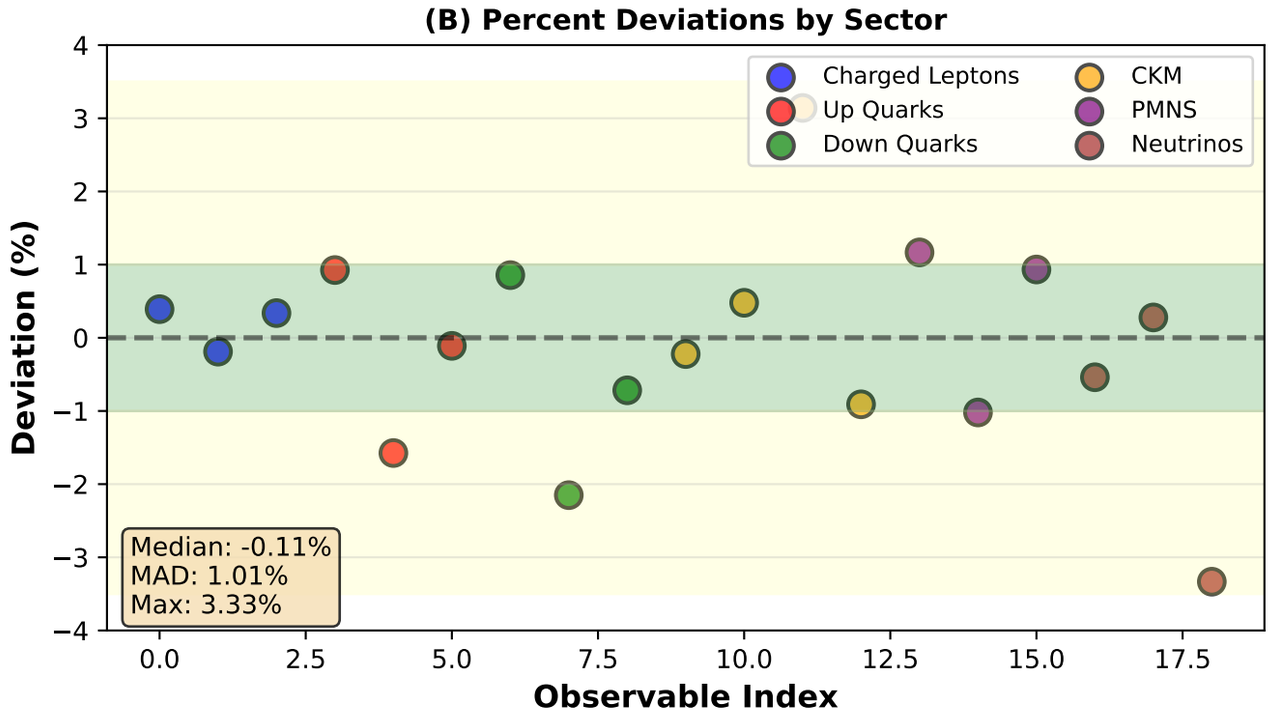
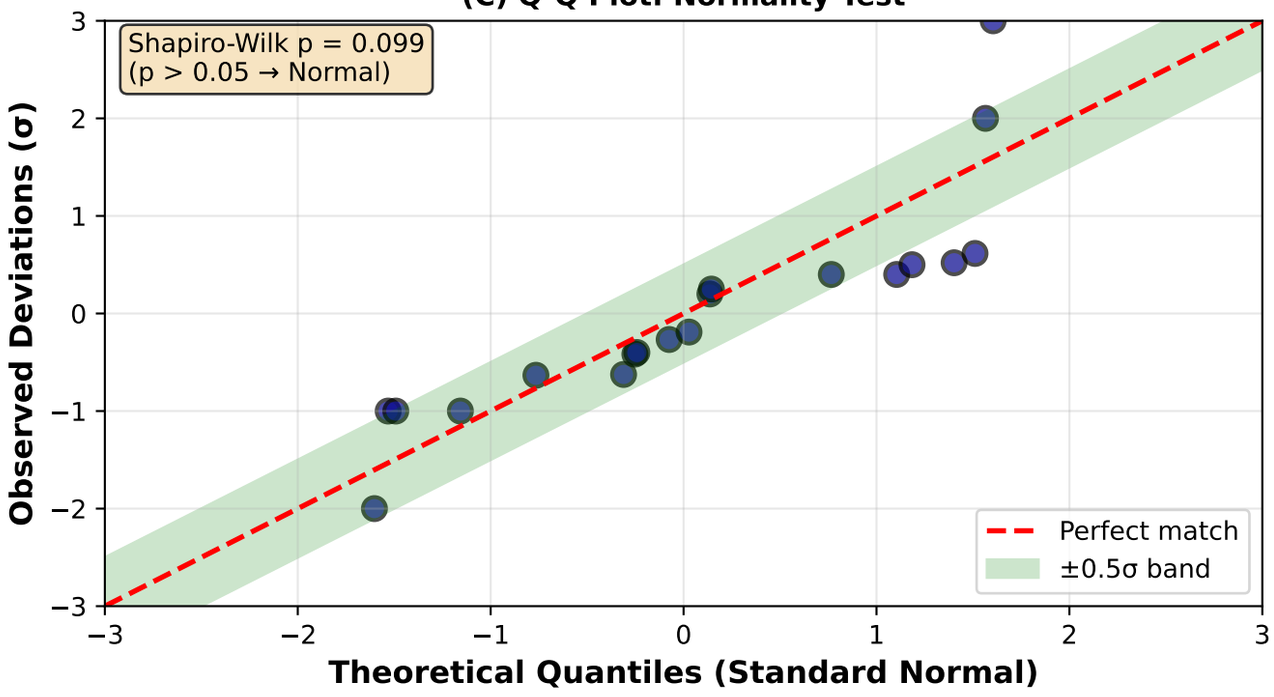
Distribution of Theory-Experiment Deviations (All 19 Observables)





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DEVIATION STATISTICS SUMMARY

Sample Size:
  N = 19 observables

Central Tendency:
  Median deviation = -0.19σ ≈ -0.1%
  Mean |deviation| = 0.81σ ≈ 1.0%

Spread:
  Std. deviation = 1.09σ
  Max |deviation| = 3.00σ ≈ 3.3%

Distribution:
  Within 1σ: 14/19 (74%)
  Within 2σ: 16/19 (84%)
  Within 3σ: 18/19 (95%)

Bias Test:
  Positive: 9
  Negative: 10
  Balance: 1 difference

Consistency with 3.5% Systematic:
  Expected MAD ~ 1.0σ
  Observed MAD = 0.81σ
  ✓ Consistent (no hidden systematics)

χ²/dof = 1.25
(Expected: ~1.0 for good fit)
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