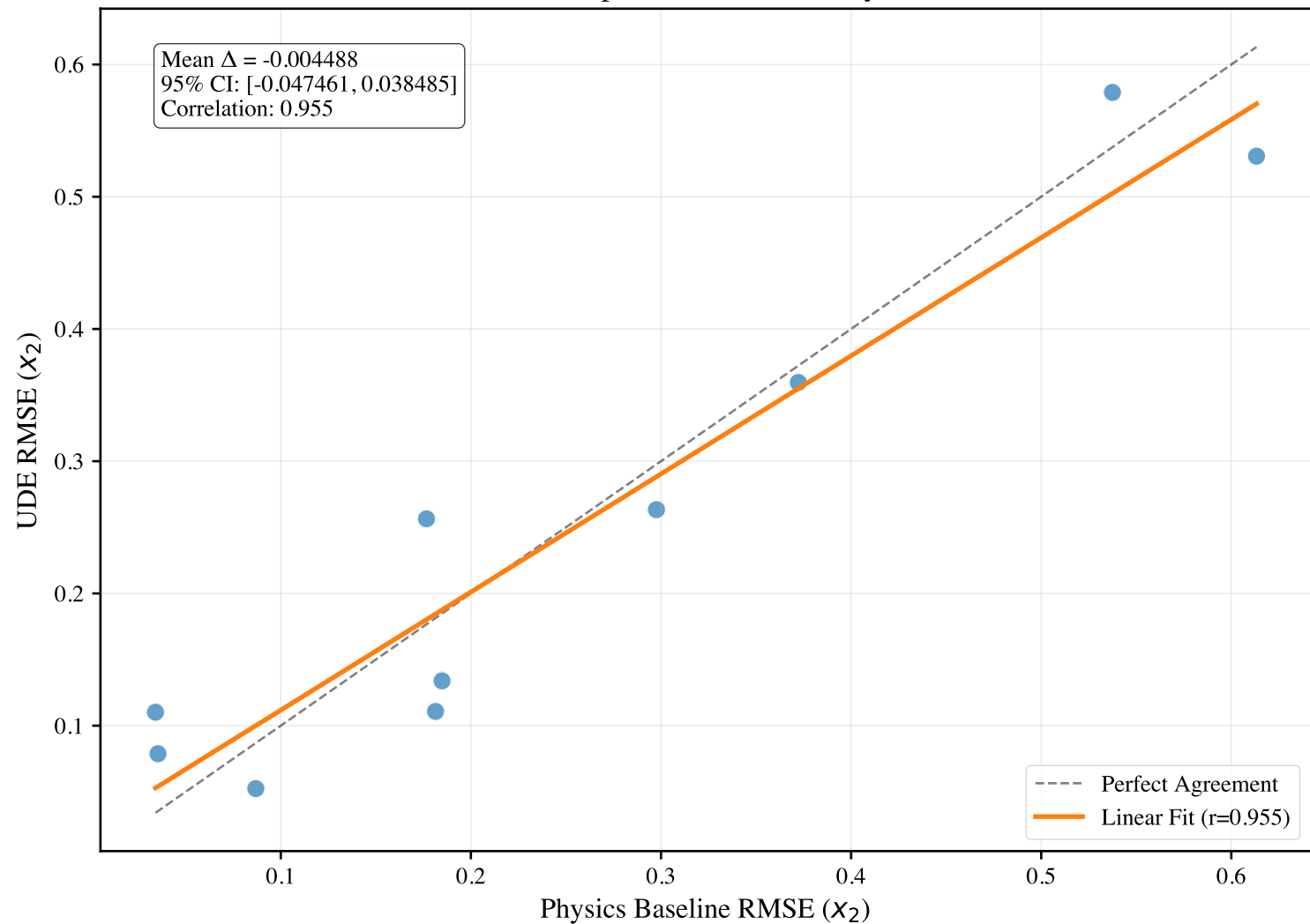
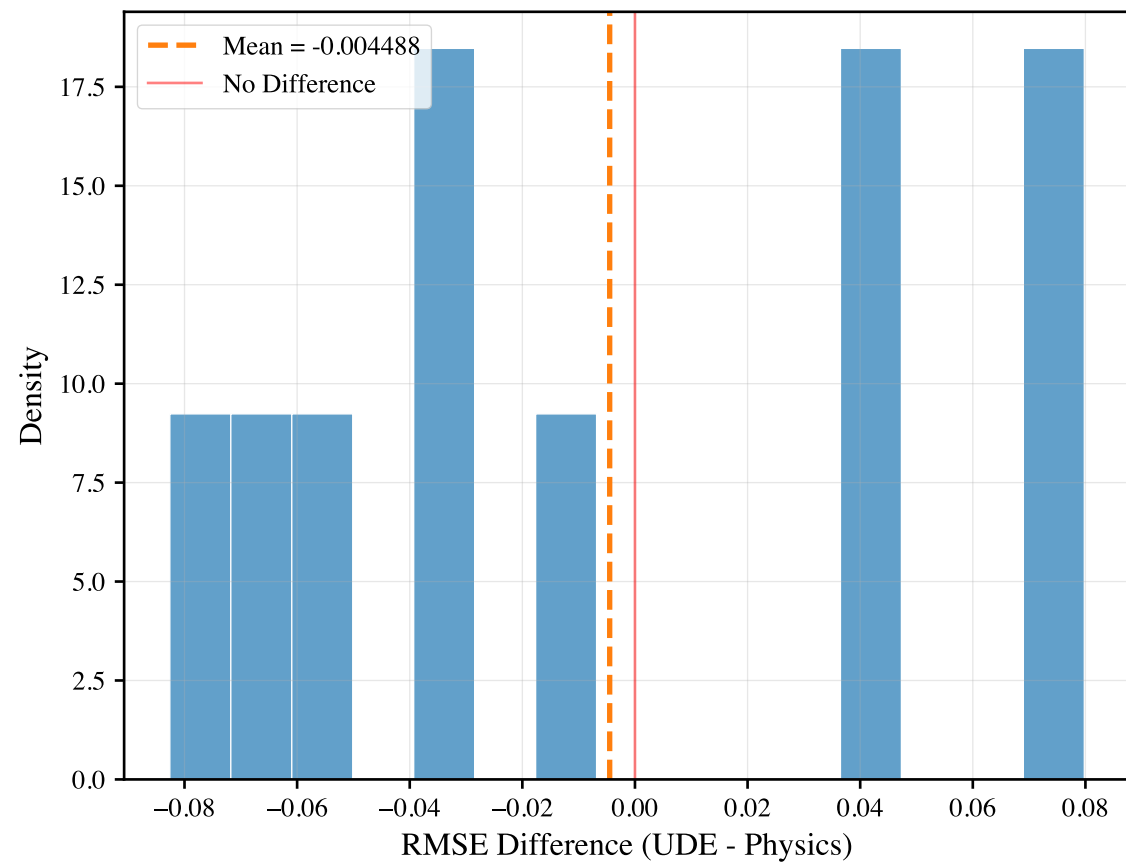


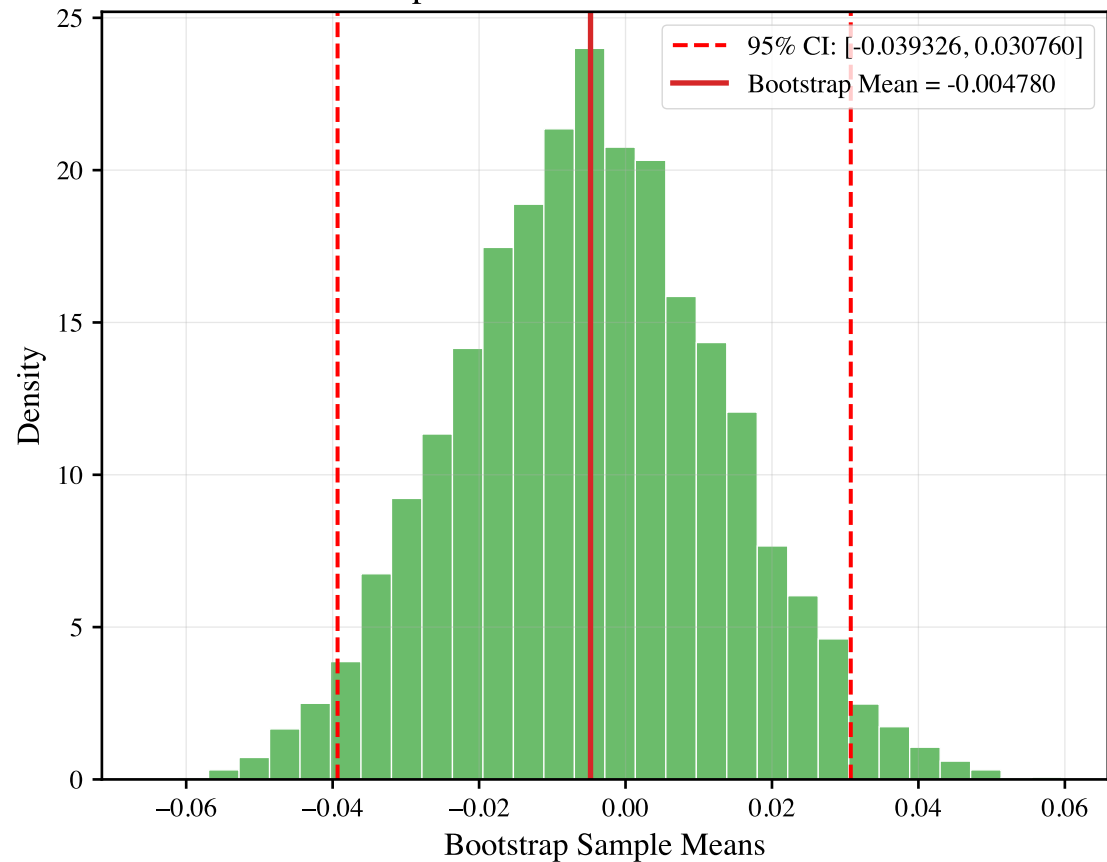
Performance Comparison: UDE vs Physics Baseline



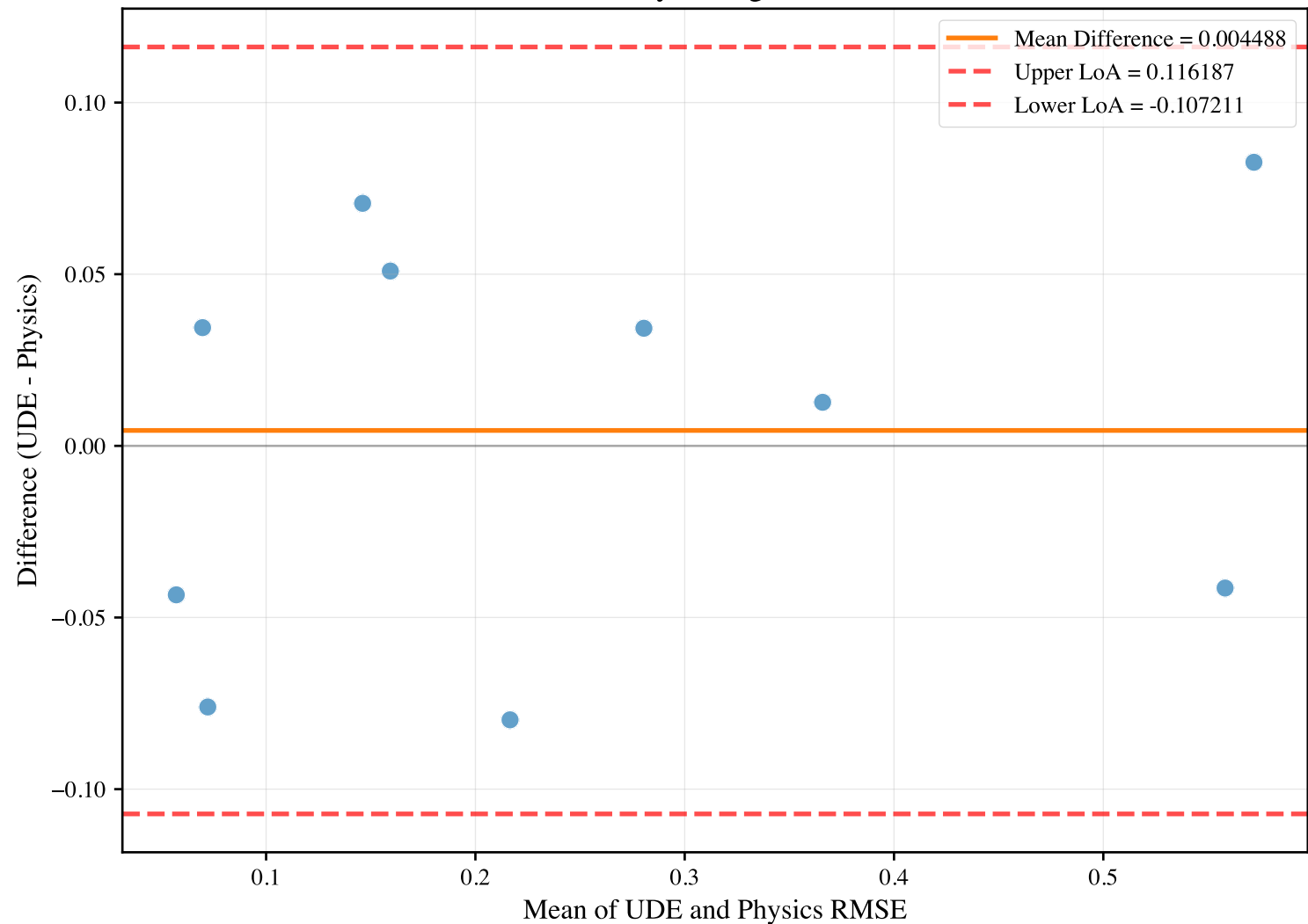
Distribution of Performance Differences



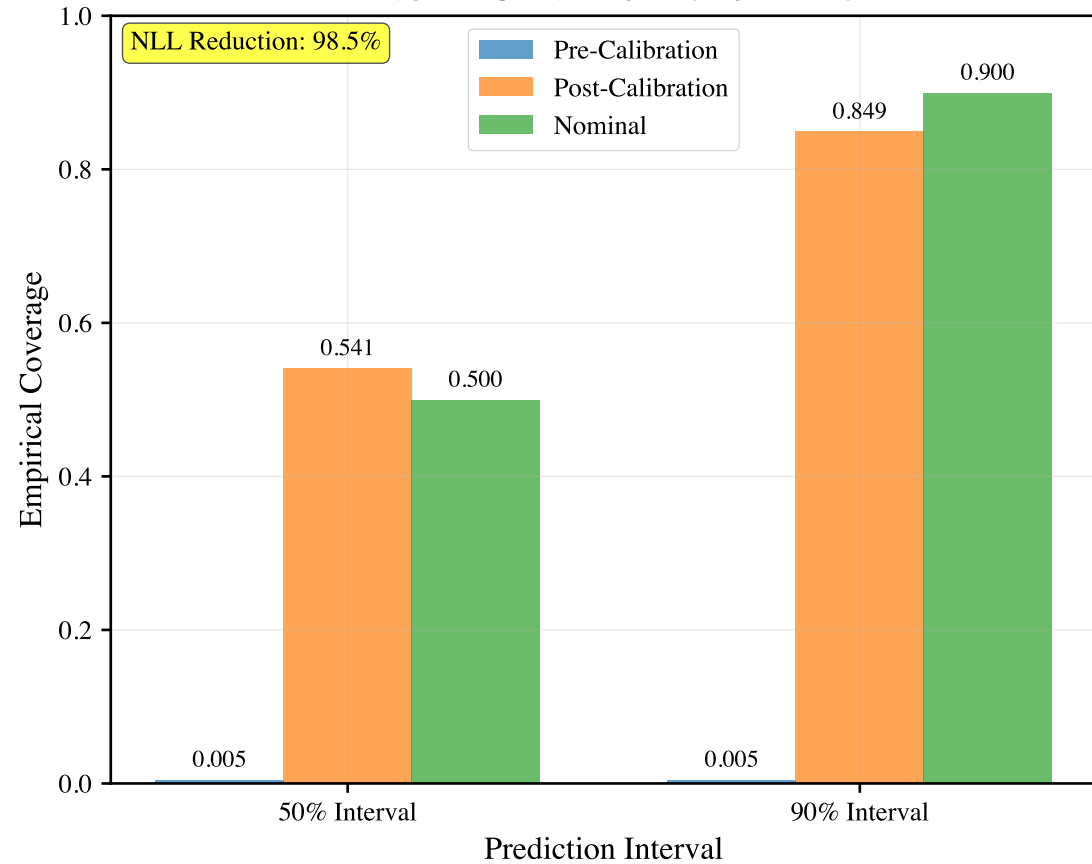
Bootstrap Distribution of Mean Difference



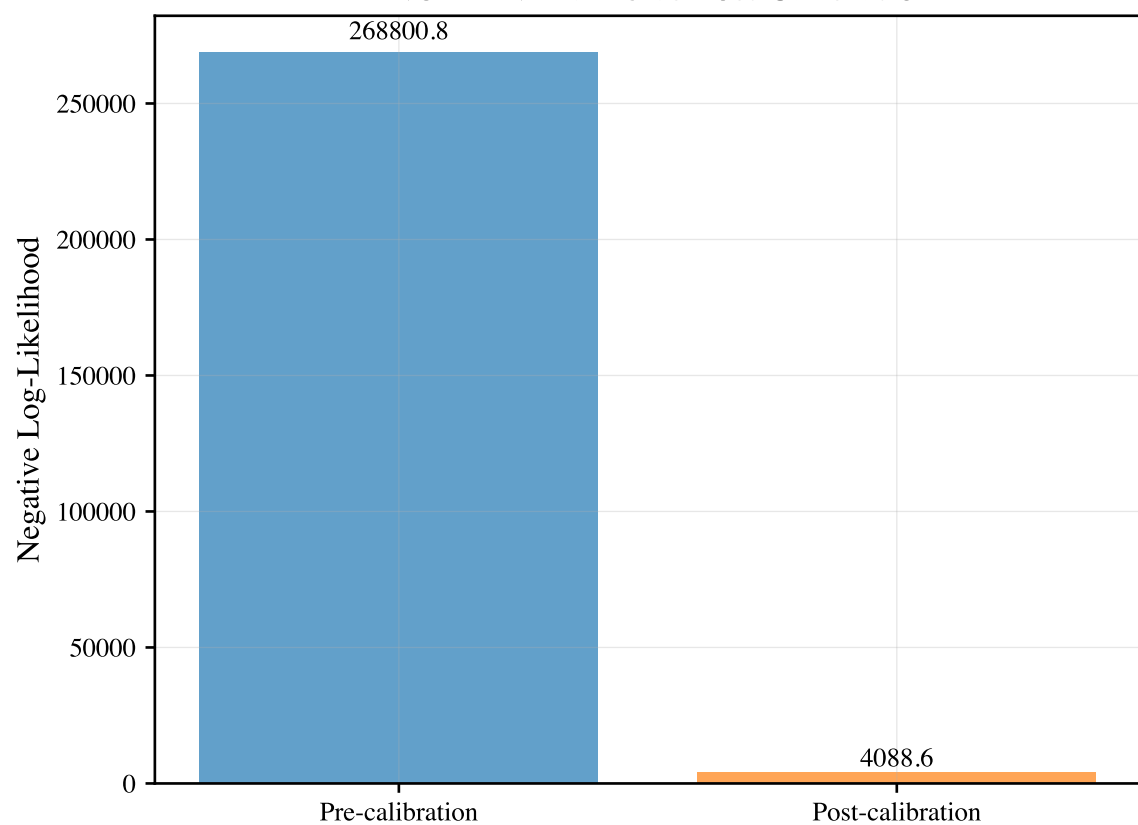
Bland-Altman Analysis: Agreement Assessment



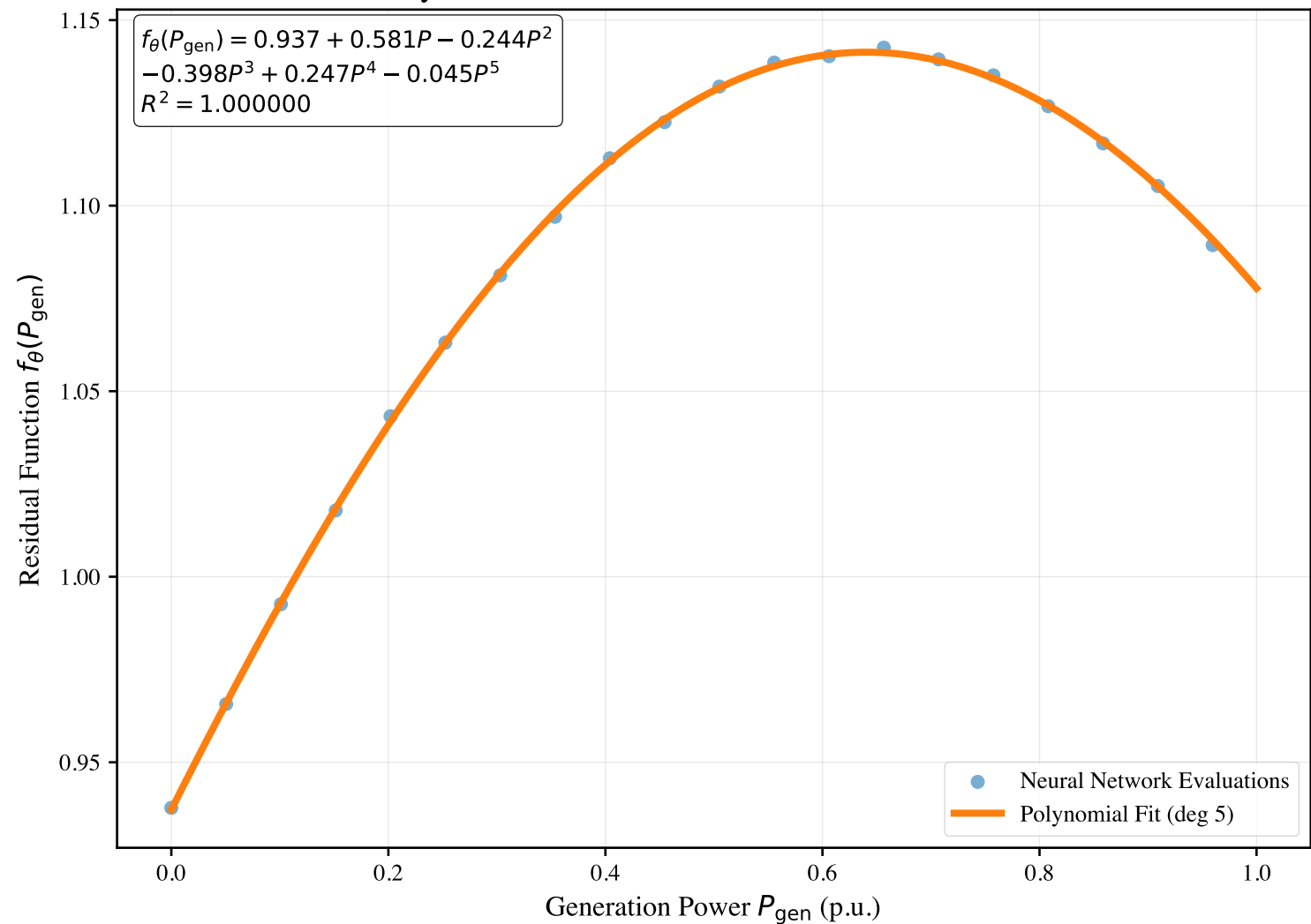
BNODE Calibration Performance



BNODE NLL: Pre vs Post Calibration



Symbolic Extraction of UDE Learned Residual



Computational Efficiency Comparison

