COVID Grade Inflation: Raw Probability Increase

Inflation = $P_{covid} - P_{baseline}$ (reference student, EB−shrunk school effects; shaded = 95% CI of bin mean)

State **Academy** **Independent**

$P_{covid} - P_{baseline}$

School Quality Percentile

Legend: True (DGP) — Unpenalized MLE + EB — Penalized MLE (LASSO) + EB — Post−LASSO + EB