

ATE (95% bootstrap confidence interval)

←Albumin more efficient

Albumin less efficient→

Difference in mean -0.07 (-0.07 to -0.07)

RCT Gold Standard (Caironi et al. 2014) -0.00 (-0.05 to 0.05)

Propensity Score Matching

Est=Regularized Linear Model 0.01 (-0.00 to 0.04)

Est=Forests 0.67 (0.67 to 1.48)

Outlier ►

Inverse Propensity Weighting

Est=Regularized Linear Model -0.03 (-0.06 to 0.00)

Est=Forests -0.03 (-0.04 to -0.02)

Outcome model (Tlearner)

Est=Regularized Linear Model -0.05 (-0.12 to 0.02)

Est=Forests -0.01 (-0.21 to 0.18)

Double Machine Learning

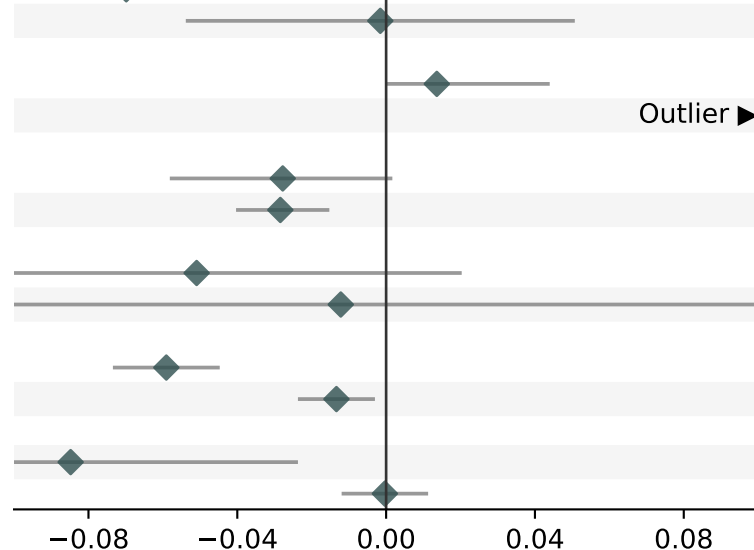
Est=Regularized Linear Model -0.06 (-0.07 to -0.04)

Est=Forests -0.01 (-0.02 to -0.00)

Doubly Robust (AIPW)

Est=Regularized Linear Model -0.08 (-0.15 to -0.02)

Est=Forests -0.00 (-0.01 to 0.01)



ATE on 28-day mortality