

Confidence interval

RCT Gold Standard
(Caironi et al. 2014)

Unadjusted risk difference

-0.07(-0.07 to -0.07)

Propensity Score Matching

Agg=['first'], Est=Regularized LR -0.02(-0.04 to 0.00)

Agg=['first', 'last'], Est=Regularized LR -0.01(-0.03 to 0.01)

Agg=['first'], Est=Forests 0.02(-0.13 to 0.08)

Agg=['first', 'last'], Est=Forests 0.00(-0.03 to 0.04)

Inverse Propensity Weighting

Agg=['first'], Est=Regularized LR -0.03(-0.06 to 0.00)

Agg=['first', 'last'], Est=Regularized LR -0.03(-0.06 to -0.00)

Agg=['first'], Est=Forests -0.03(-0.05 to -0.02)

Agg=['first', 'last'], Est=Forests -0.03(-0.04 to -0.02)

Outcome model (Tlearner)

Agg=['first'], Est=Regularized LR -0.05(-0.12 to 0.02)

Agg=['first', 'last'], Est=Regularized LR -0.05(-0.13 to 0.02)

Double Machine Learning

Agg=['first'], Est=Regularized LR -0.07(-0.08 to -0.05)

Agg=['first', 'last'], Est=Regularized LR -0.06(-0.07 to -0.04)

Doubly Robust (AIPW)

Agg=['first'], Est=Regularized LR -0.08(-0.14 to -0.02)

Agg=['first', 'last'], Est=Regularized LR -0.08(-0.15 to -0.02)

-0.15 -0.10 -0.05 0.00 0.05

ATE on 28-day mortality