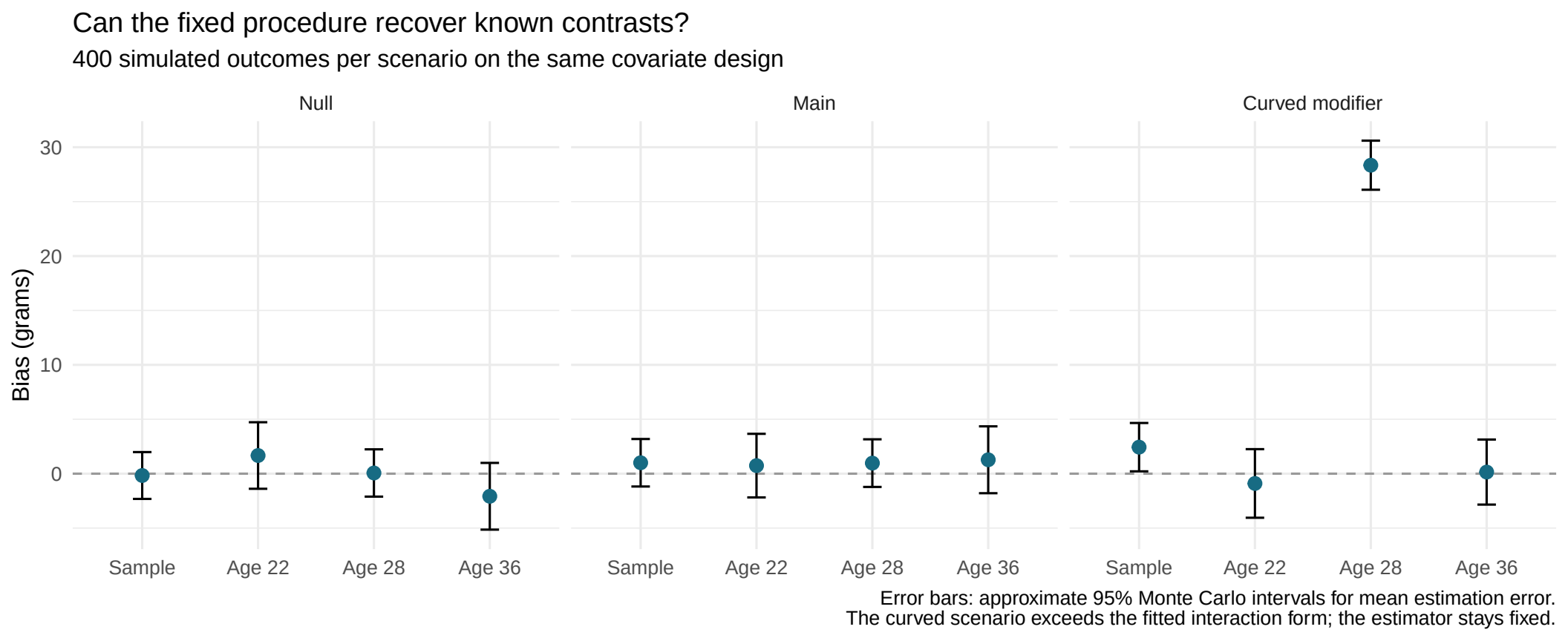

Can the fixed procedure recover known contrasts?
400 simulated outcomes per scenario on the same covariate design
Null
Main
Curved modifier
Bias (grams)
30
20
10
0
Sample
Age 22
Age 28
Age 36
Error bars: approximate 95% Monte Carlo intervals for mean estimation error.
The curved scenario exceeds the fitted interaction form; the estimator stays fixed.