



Figure S1. Performance of age-at-harvest abundance estimators with simulated data. In each panel, the y-axis depicts abundance, scaled by the inverse of the overall mean across the time series. Red lines correspond to (2.5th, 50th, and 97.5th percentiles) of the true population dynamics (across stochastic simulations). Gray polygon encompasses 95% of the estimated values. Rows correspond to different estimators and columns correspond to different simulation scenarios.