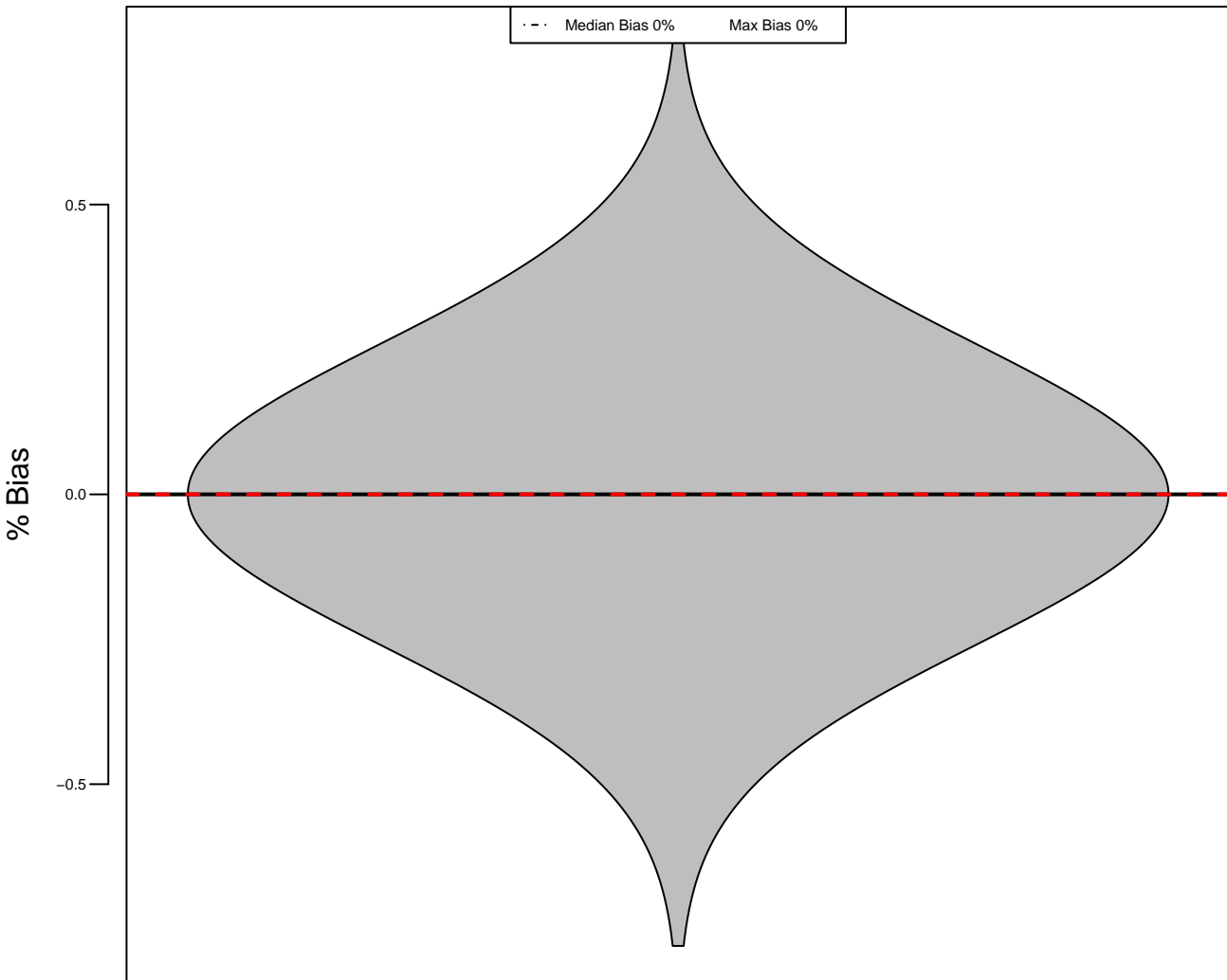
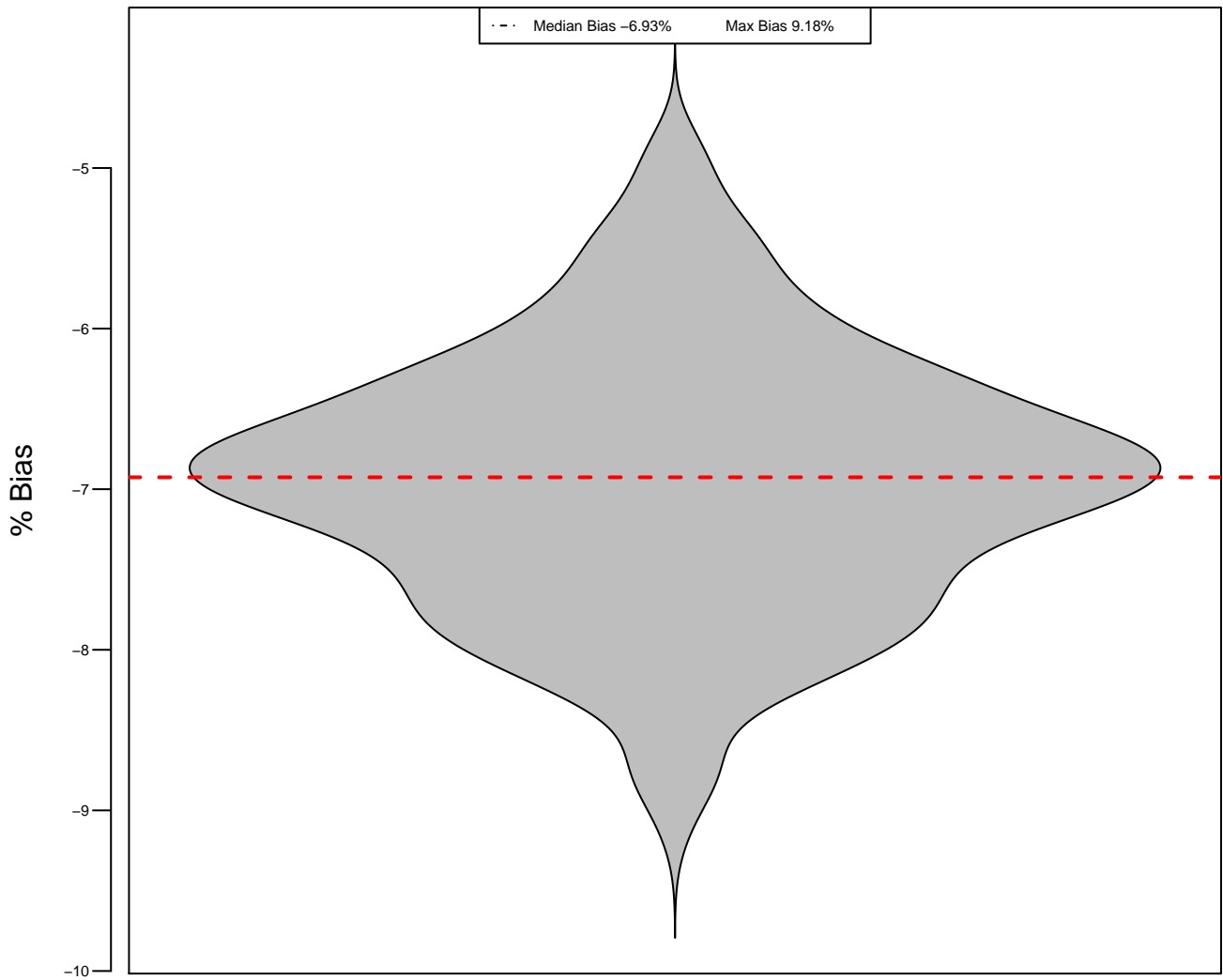


Steepness Percent Bias



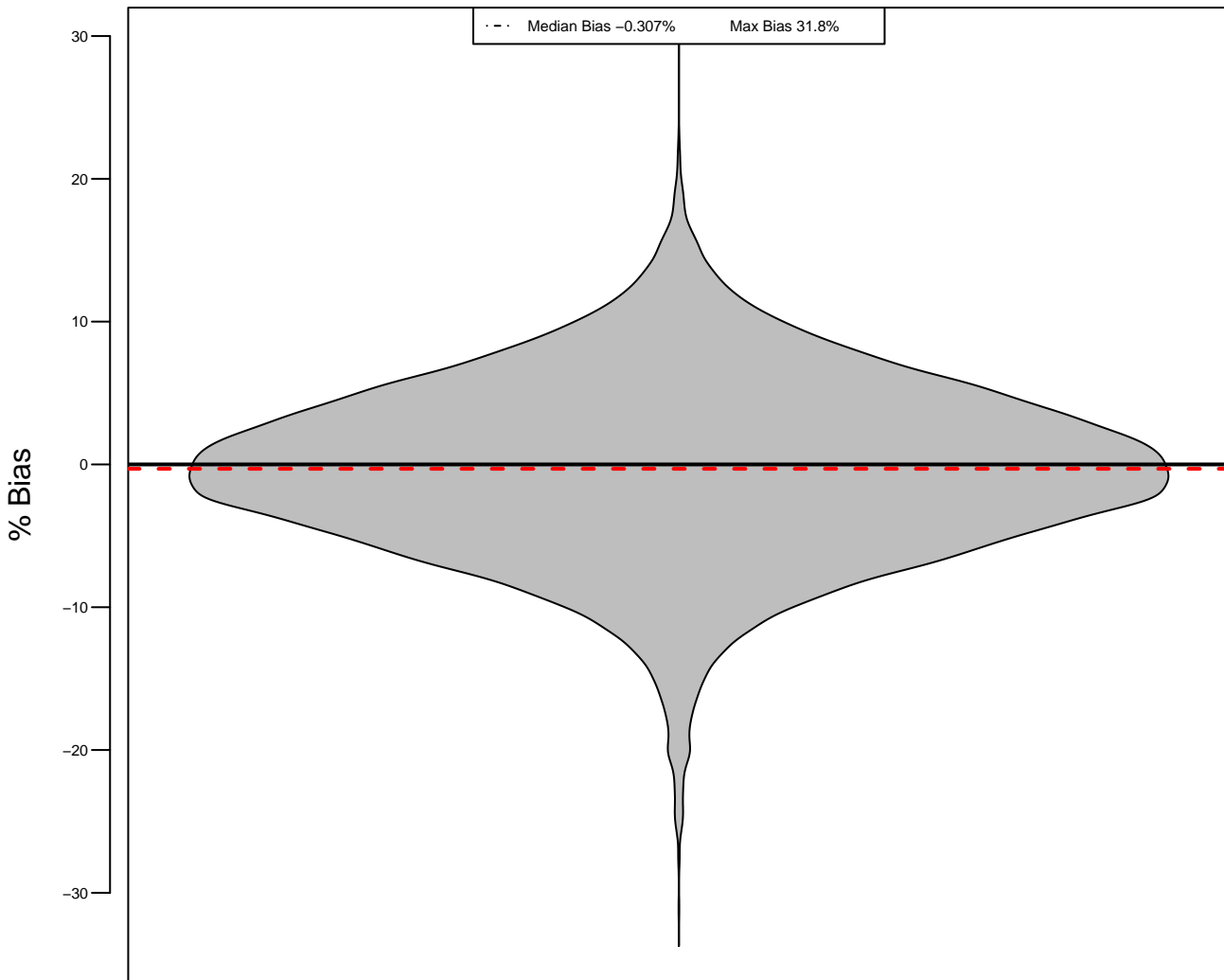
500 runs converged out of 500 (100% Convergence)

R0 Percent Bias



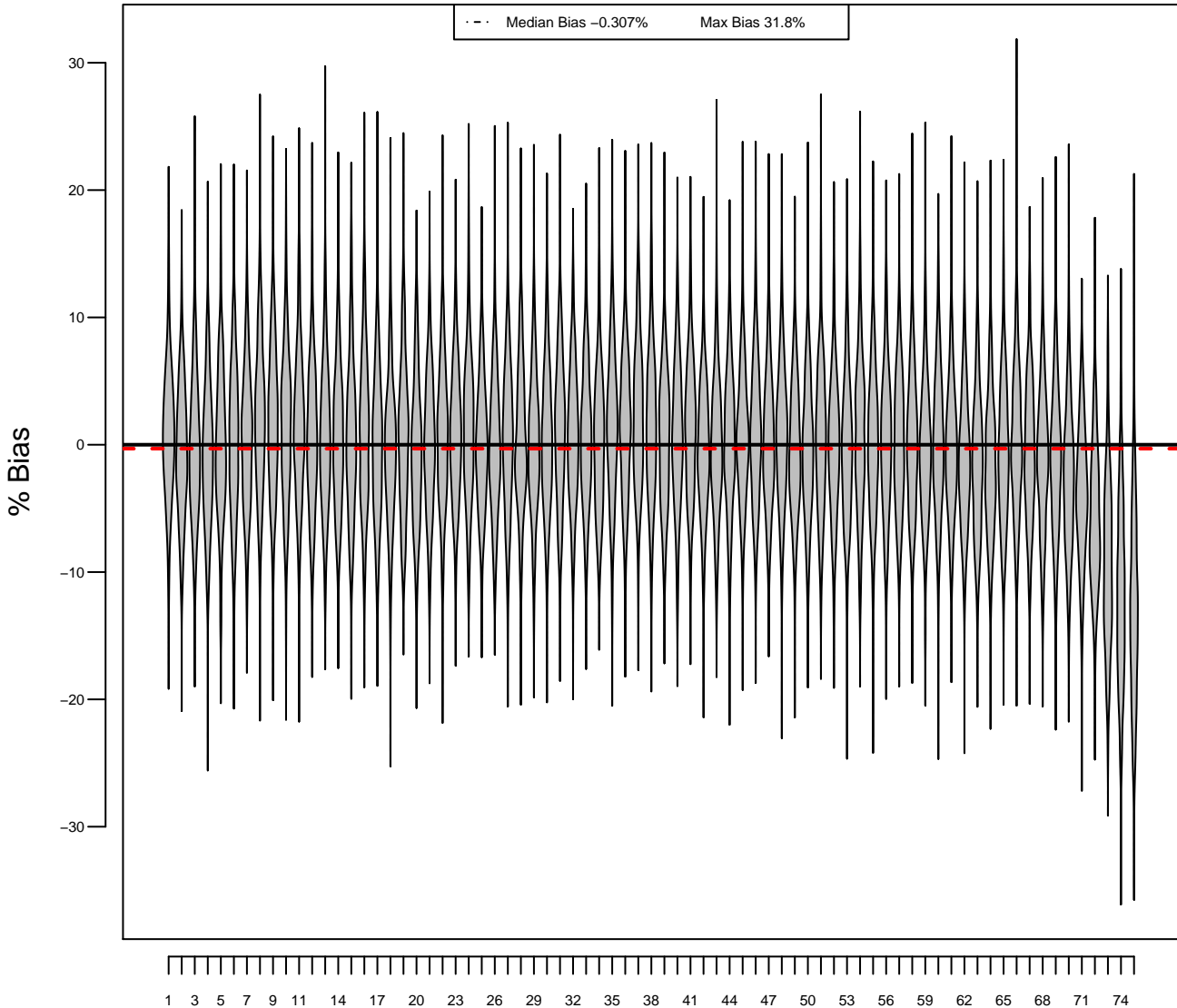
500 runs converged out of 500 (100% Convergence)

F (Combined Across Years) Percent Bias

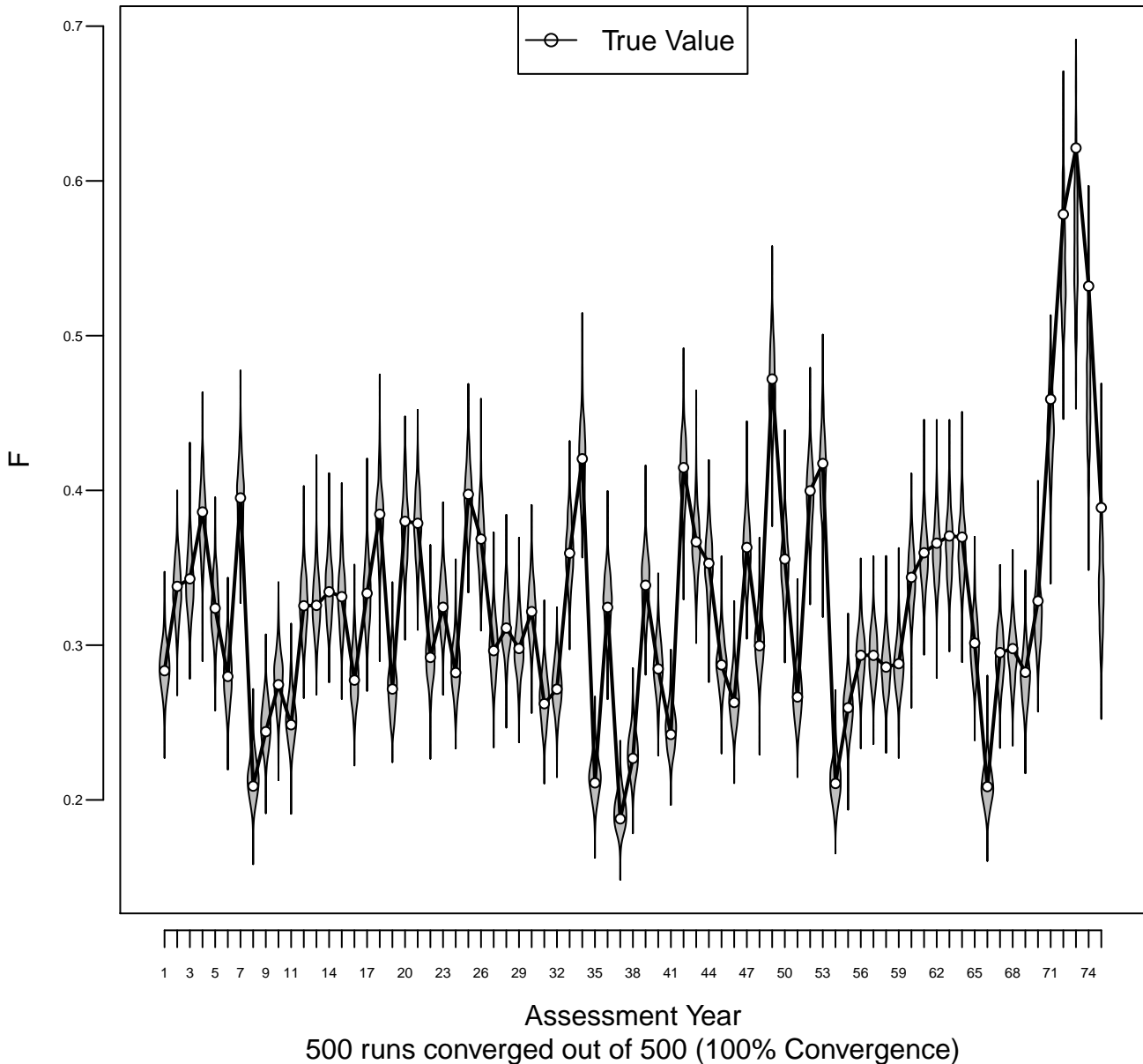


500 runs converged out of 500 (100% Convergence)

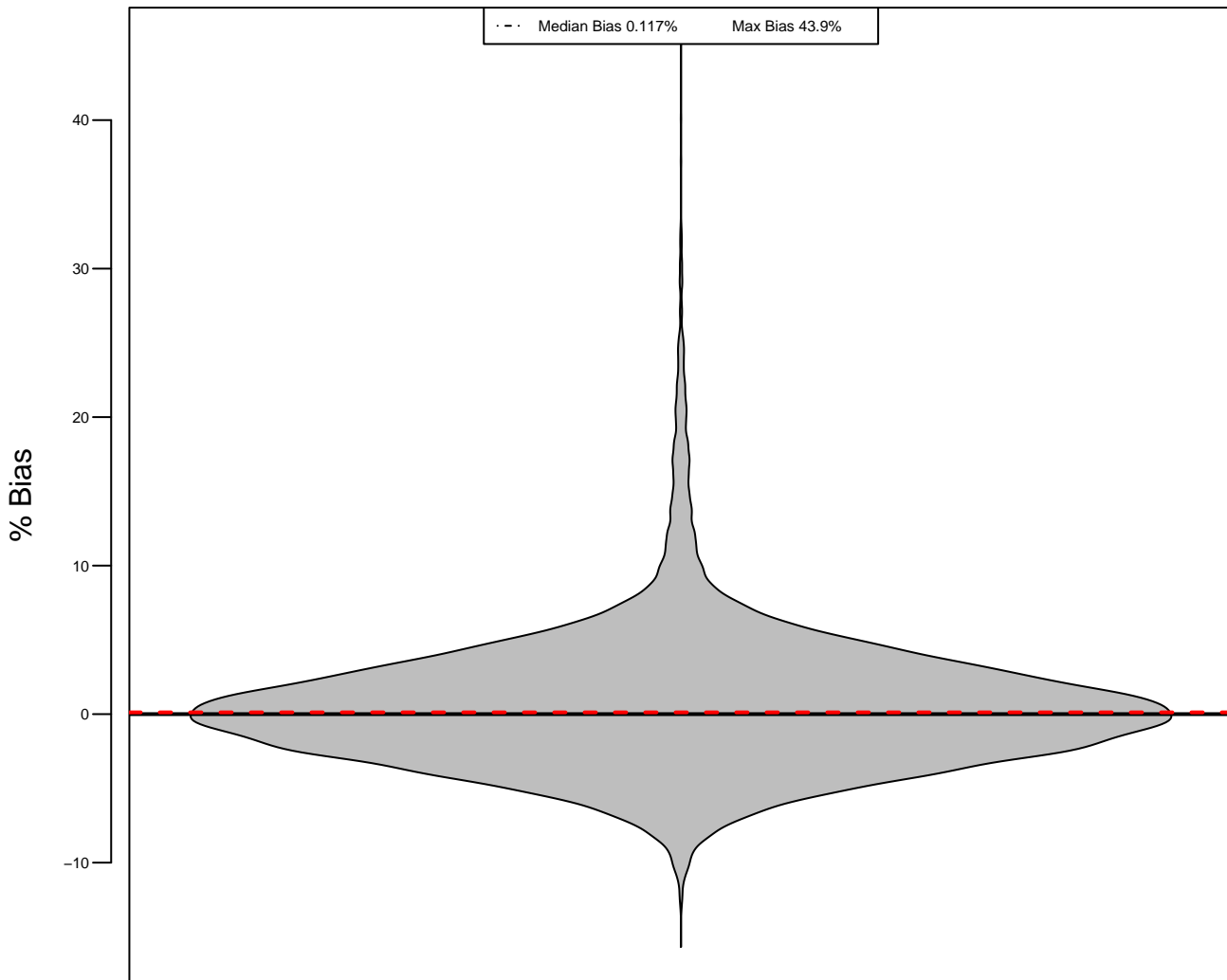
F (By Year) Percent Bias



F (By Year) Observed and Predicted Value

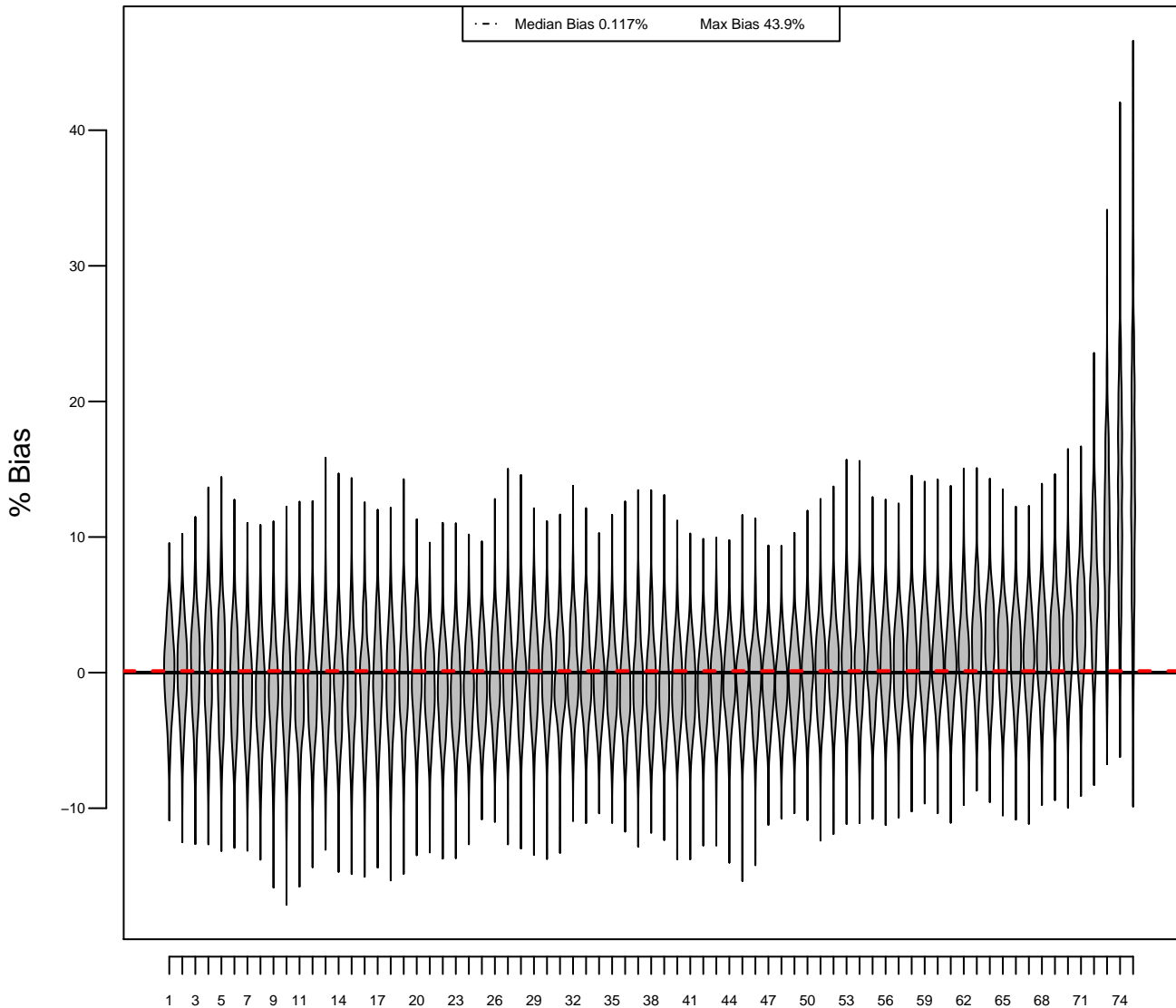


SSB (Combined Across Years) Percent Bias



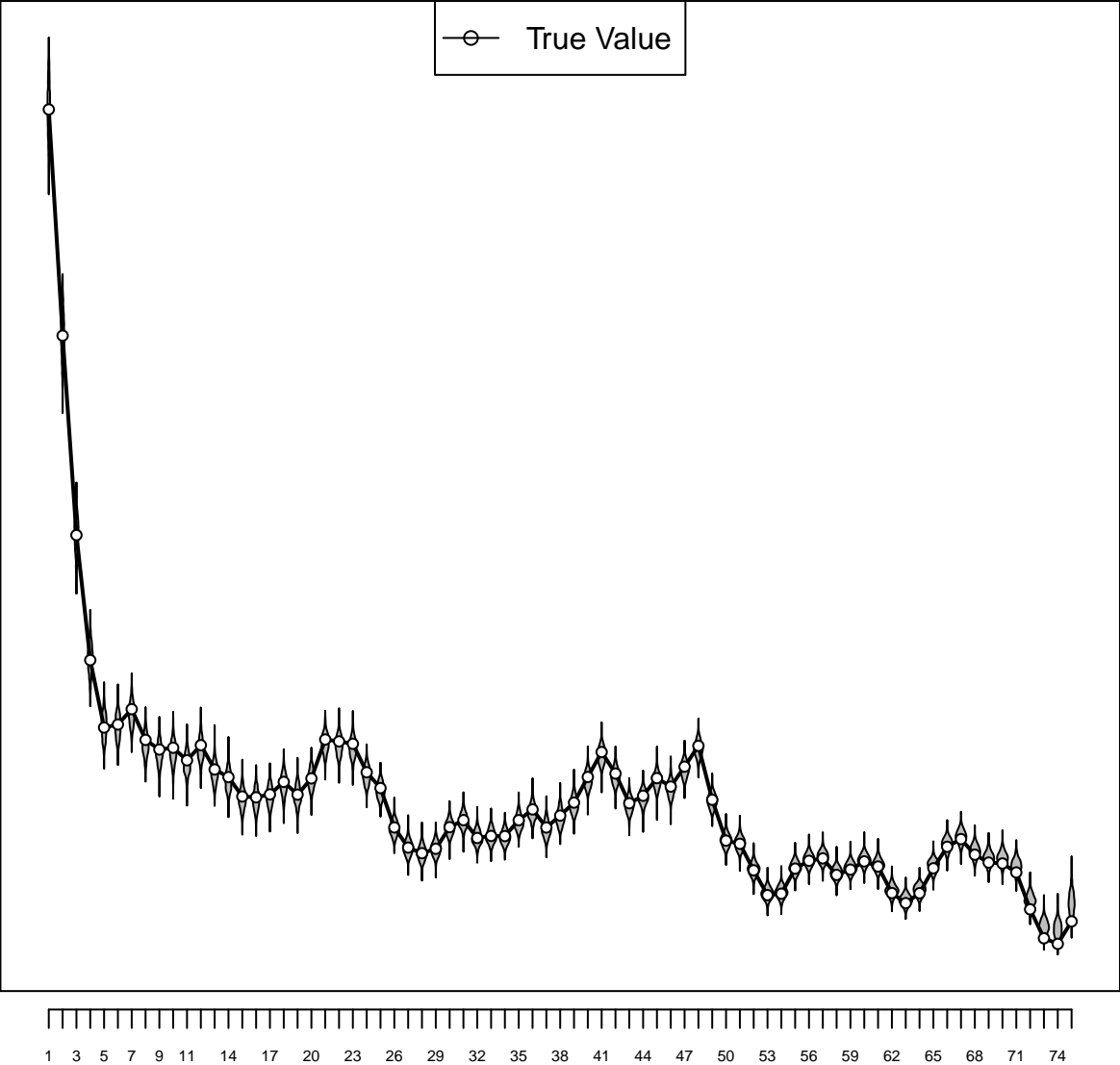
500 runs converged out of 500 (100% Convergence)

SSB (By Year) Percent Bias



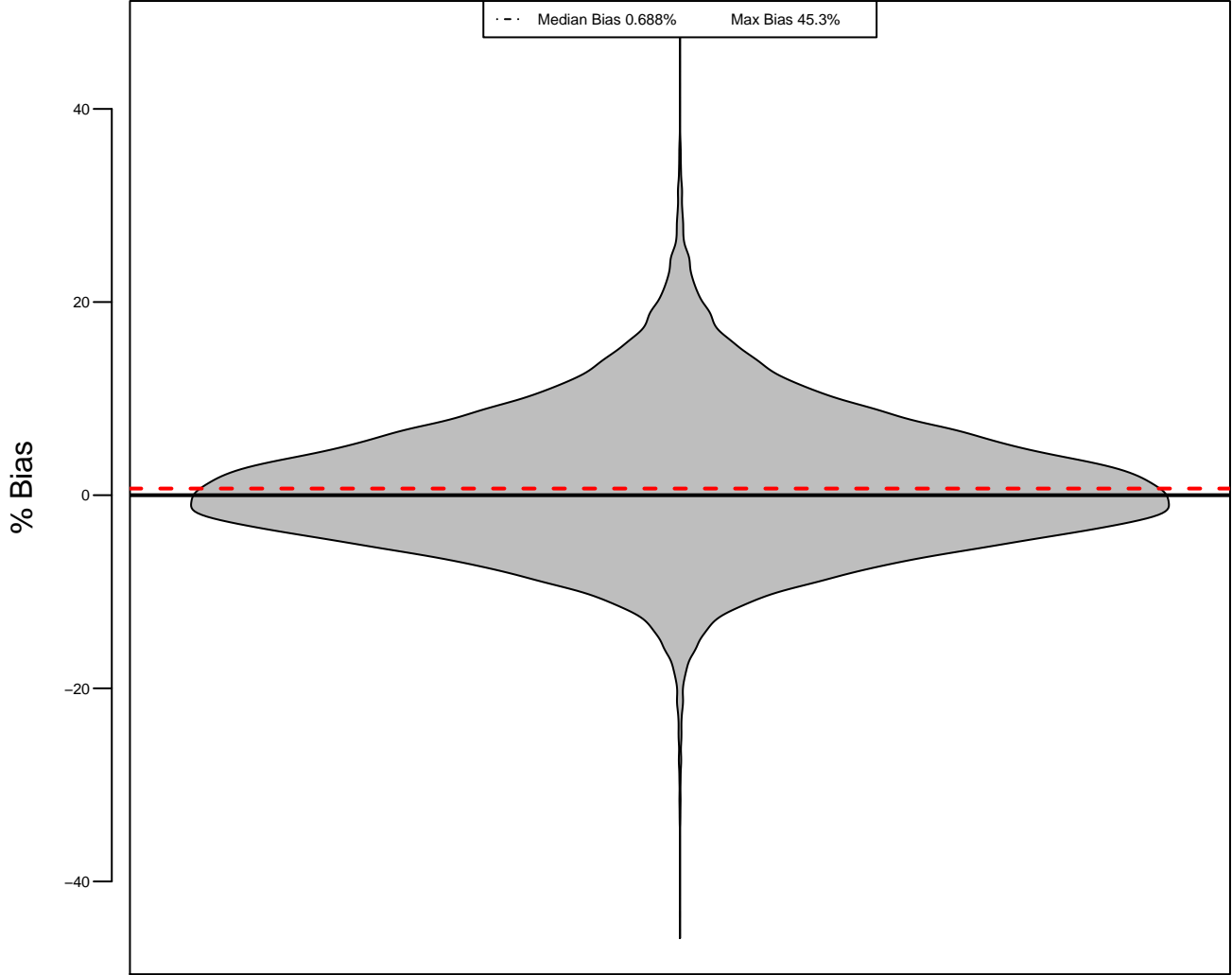
Assessment Year
500 runs converged out of 500 (100% Convergence)

SSB (By Year) Observed and Predicted Value



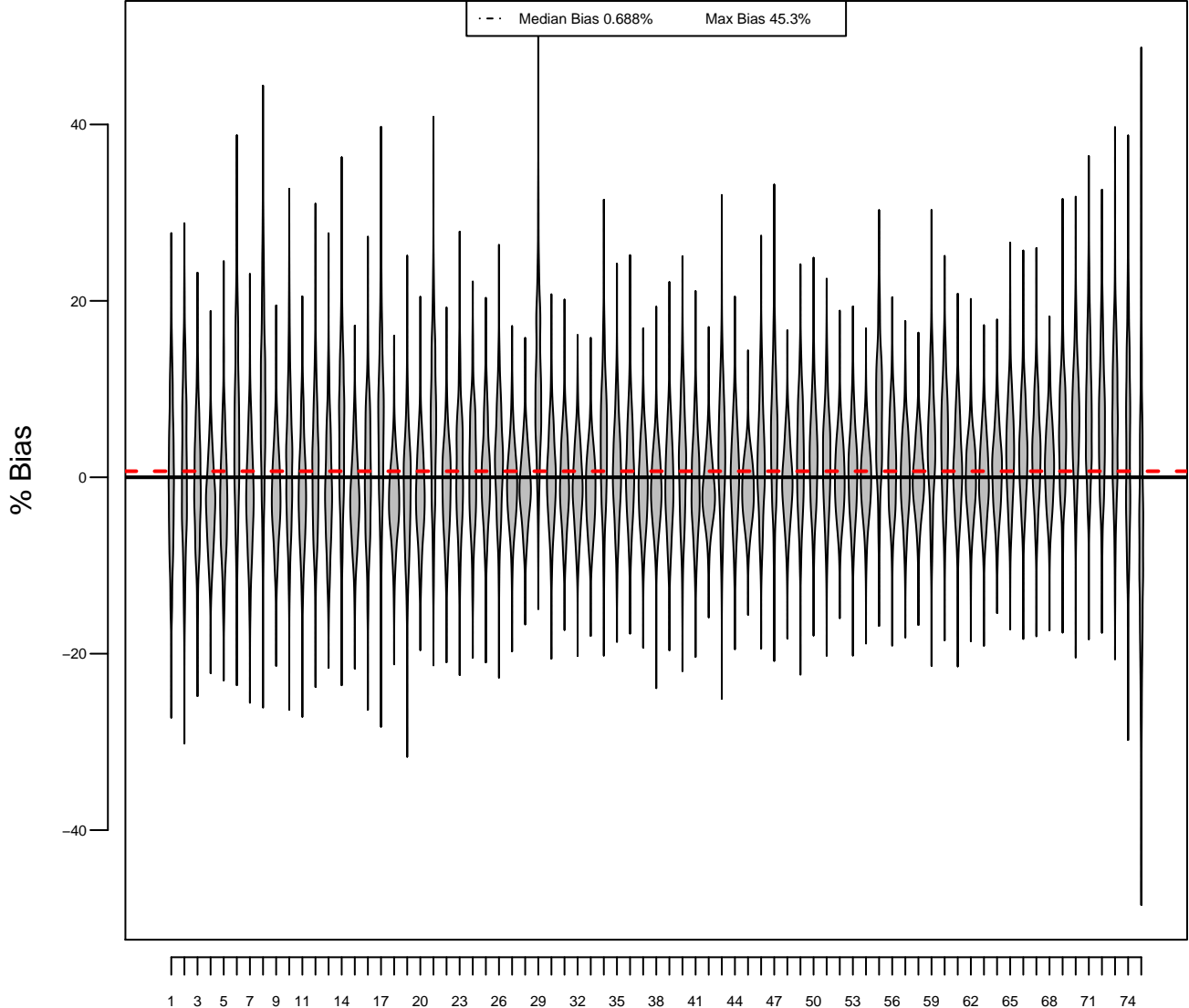
Assessment Year
500 runs converged out of 500 (100% Convergence)

Recruits (Combined Across Years) Percent Bias

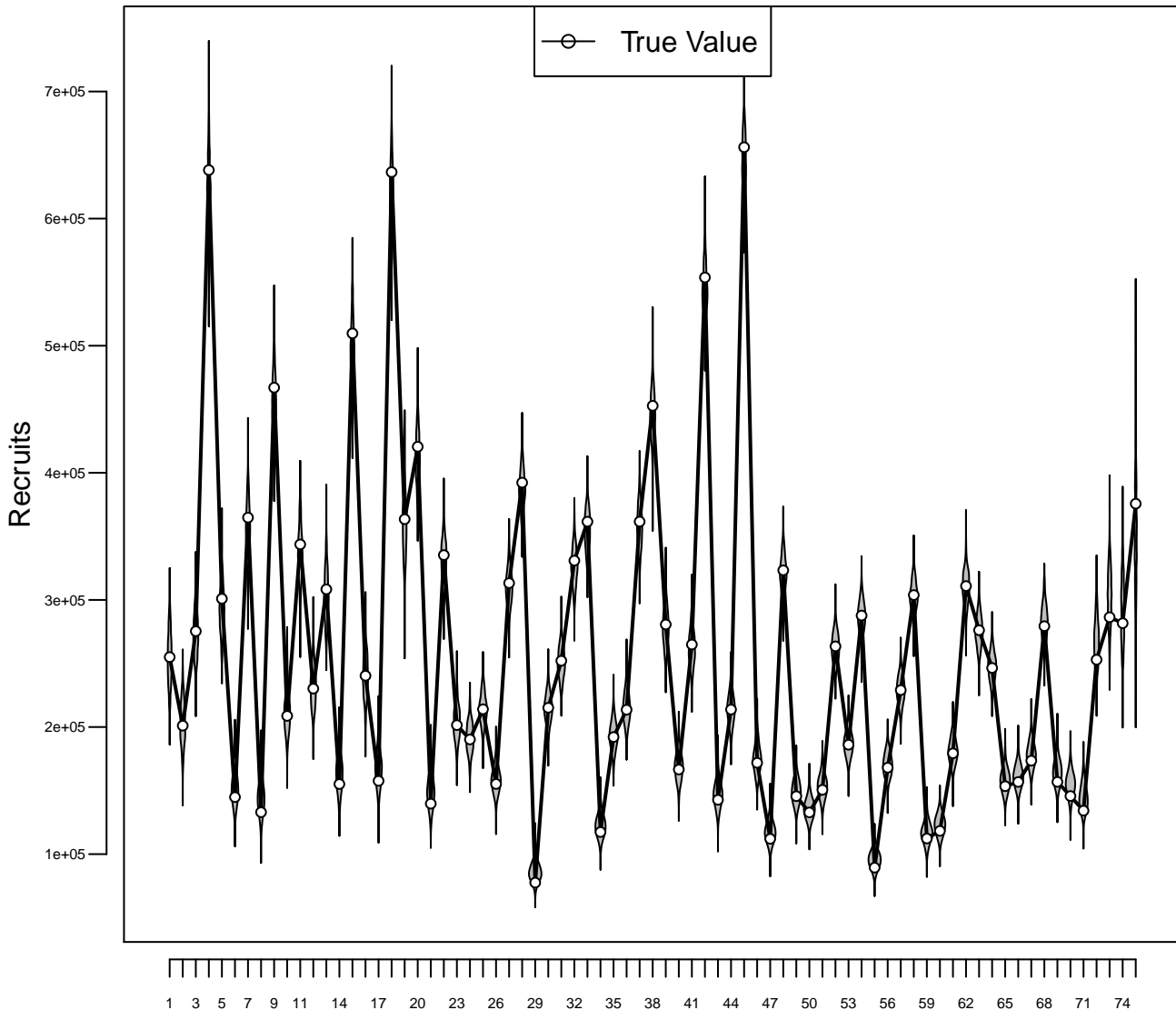


500 runs converged out of 500 (100% Convergence)

Recruits (By Year) Percent Bias



Recruits (By Year) Observed and Predicted Value



Assessment Year

500 runs converged out of 500 (100% Convergence)