RMSE of S from n=100 simulations
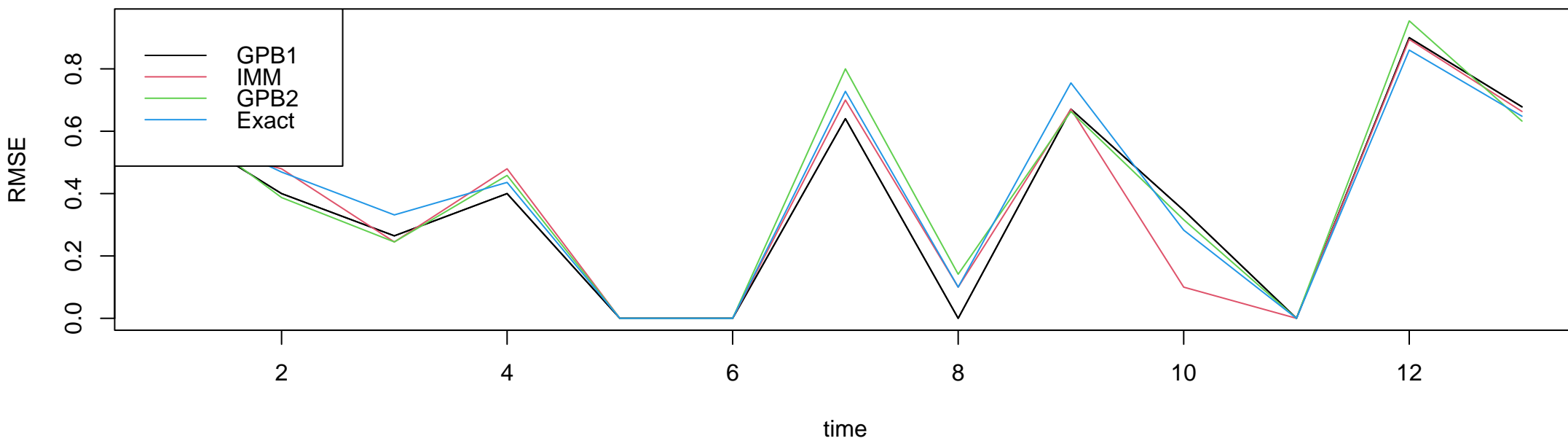
RMSE of X from n=100 simulations