**Covariance matrix: Bayes (3 iters)**  $\times 10^3$ 450 6 400 6.3524 277.0941 -27926.6864 470536.1229 350 5 300 309666.6224 -27926.6864 4 250 -12691.6242 175852.8961 200 3 150 -7751.1039 111061.4500 -12691.6242 277.0941 100 6.4331 41667.2271 50 6.4331 0 3 5 6