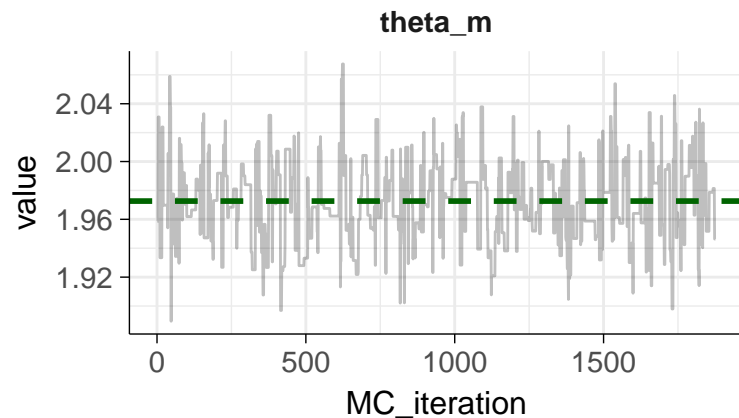
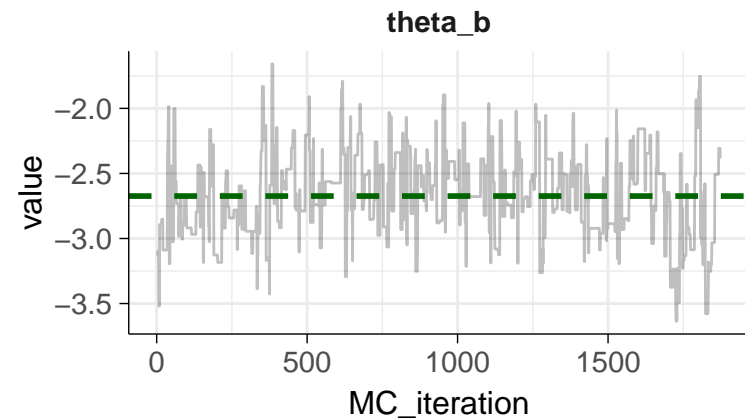
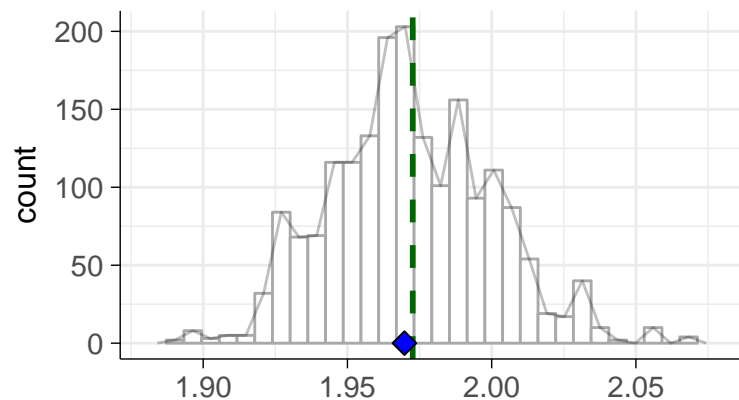
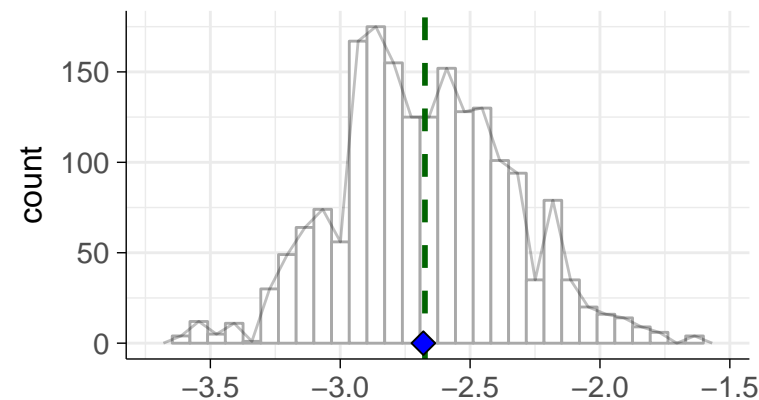


Metropolis–Hastings MCMC estimation of OLS intercept (θ_b) and slope (θ_m) parameters
(blue diamond = posterior mean; green line = true parameter value)



MCMC info: 2.5k iterations; .25 burn-in rate; start values $b=0$, $m=0$
data info: 1k points sampled from $f(x) = 2x - 2 + N(0, 10)$, for $x \sim \text{Unif}(-20, 20)$