density bounds for posterior p(θ | t)

posterior density

θ
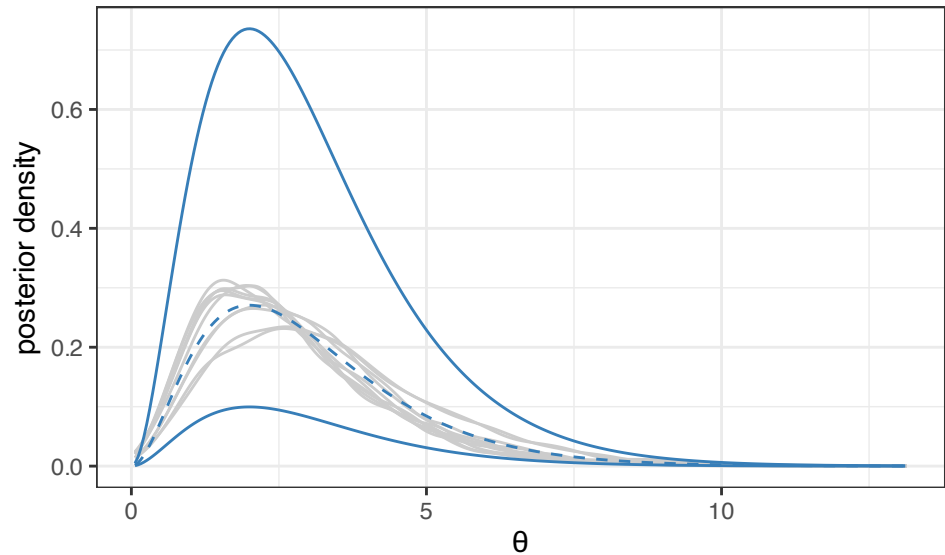
prior for θ is Gamma(3,1), clamping range is [0,6], ε = 1