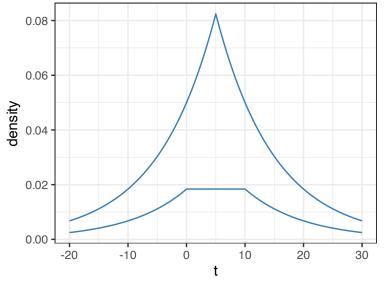density bounds for p(t | θ)

n = 10, ε = 0.1