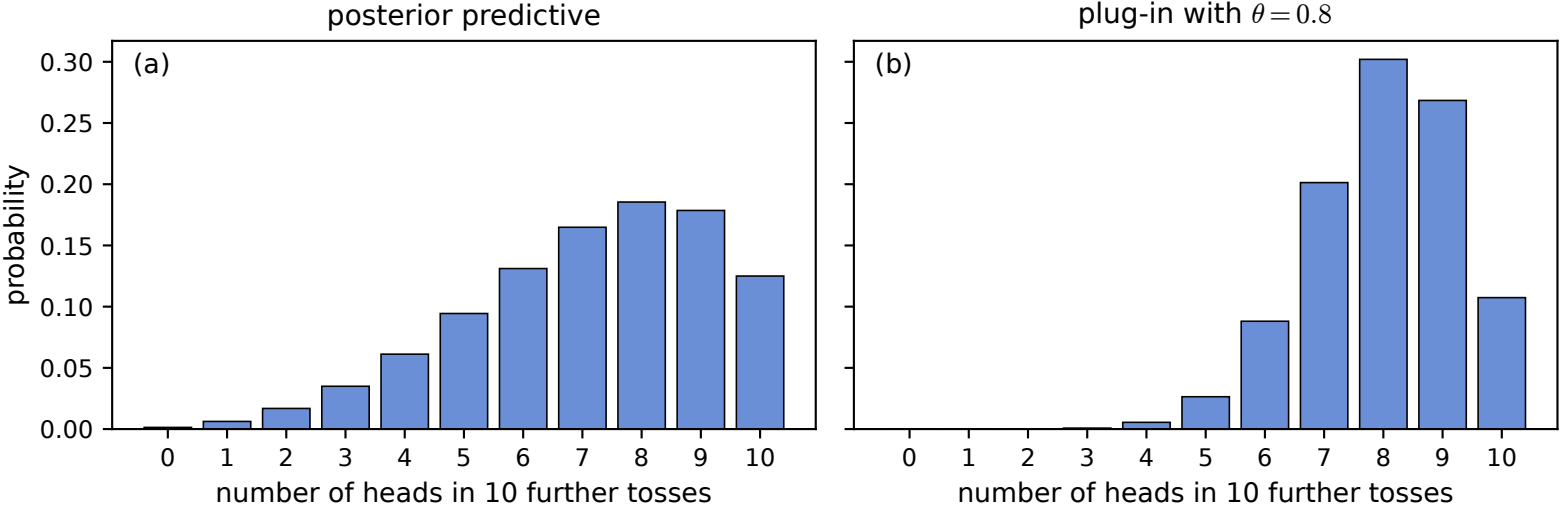

posterior predictive
plug-in with $\hat{\theta} = 0.8$
(a)
(b)
probability
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0 1 2 3 4 5 6 7 8 9 10
number of heads in 10 further tosses
0 1 2 3 4 5 6 7 8 9 10
number of heads in 10 further tosses