effect of sample size on the posterior
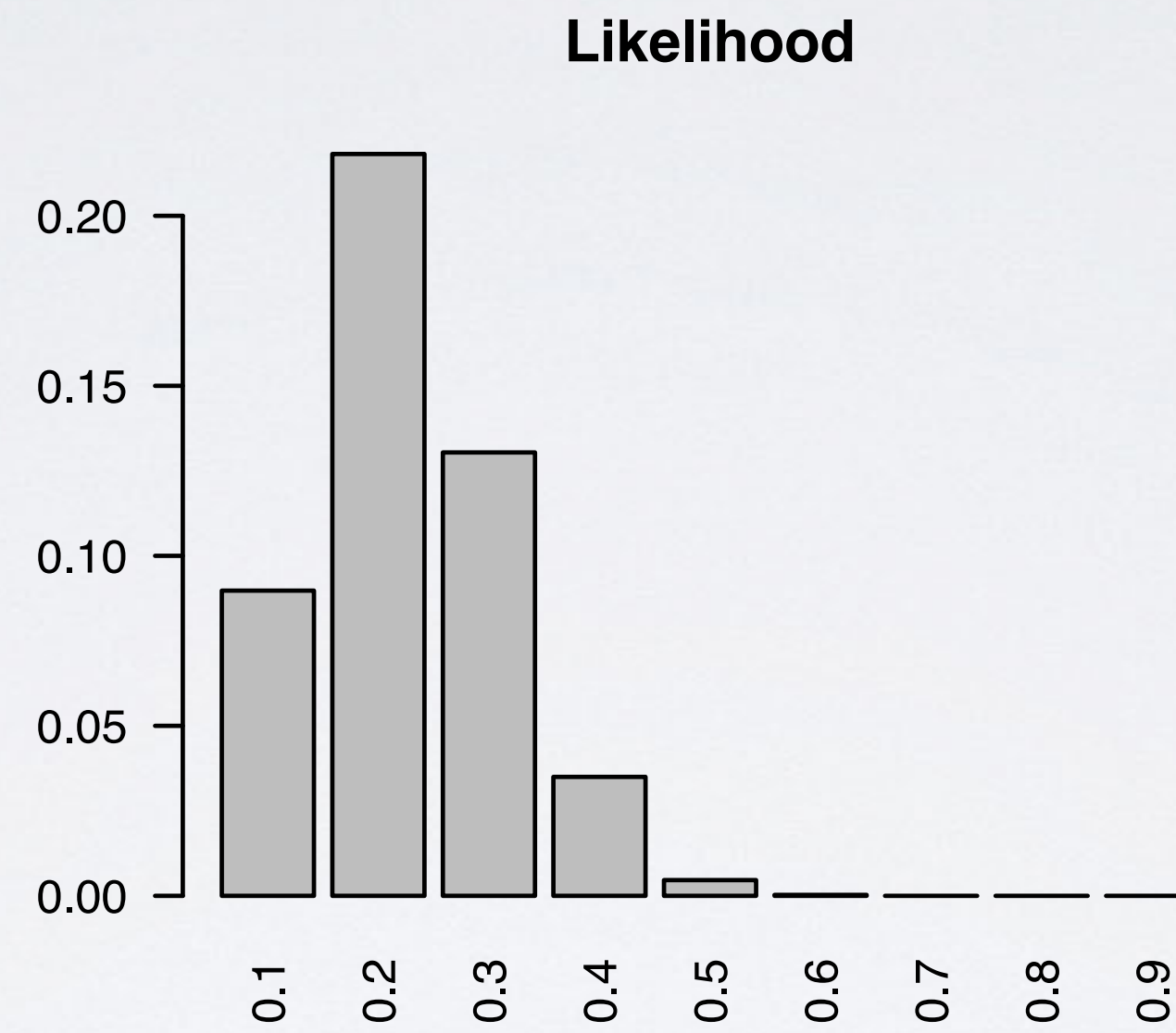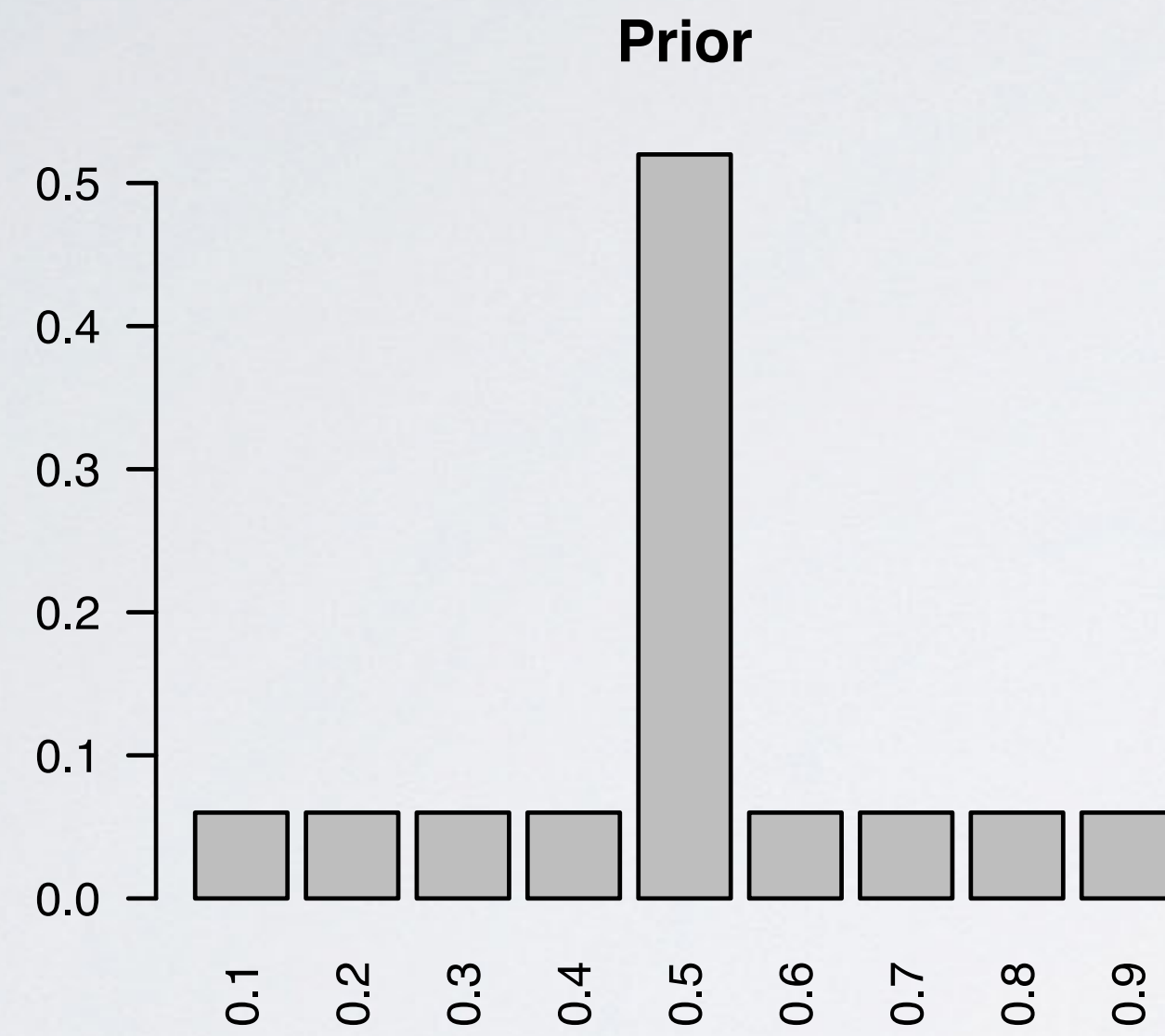
Dr. Mine Çetinkaya-Rundel

Duke
UNIVERSITY

original results

$n = 20, k = 4$

Prior

original results
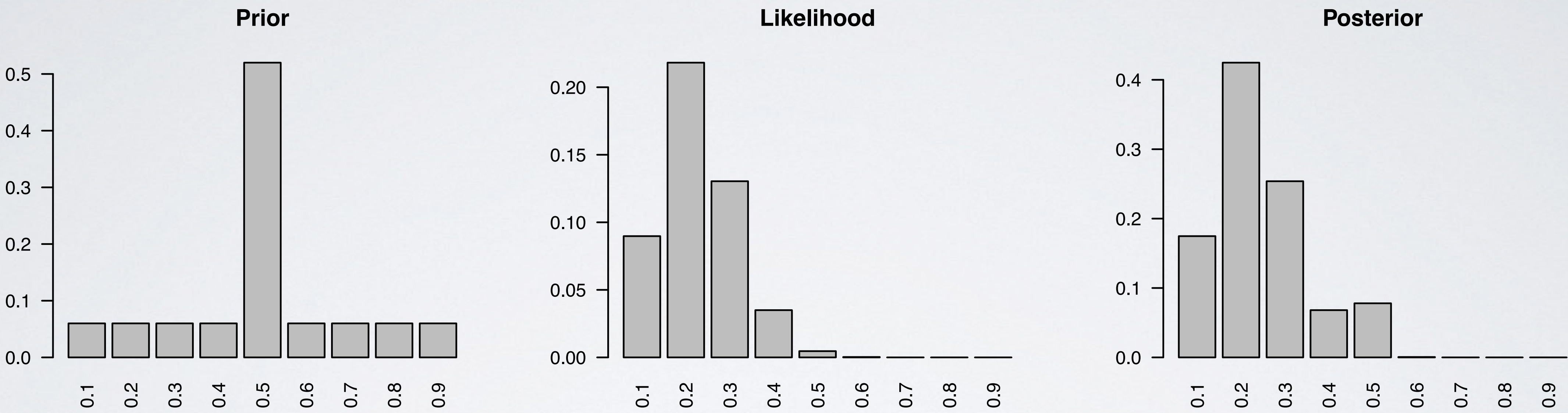
$n = 20,\ k = 4$

Prior
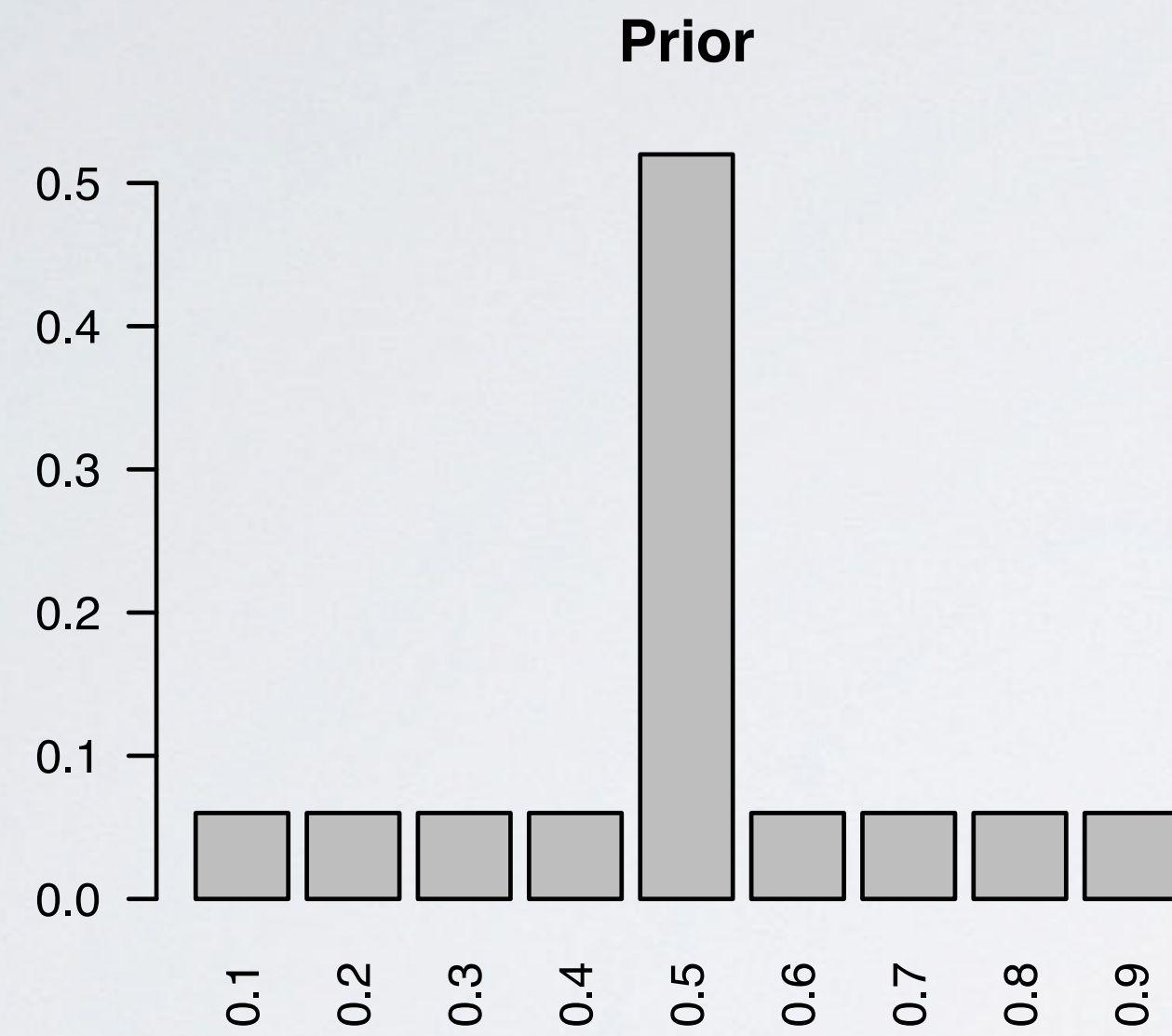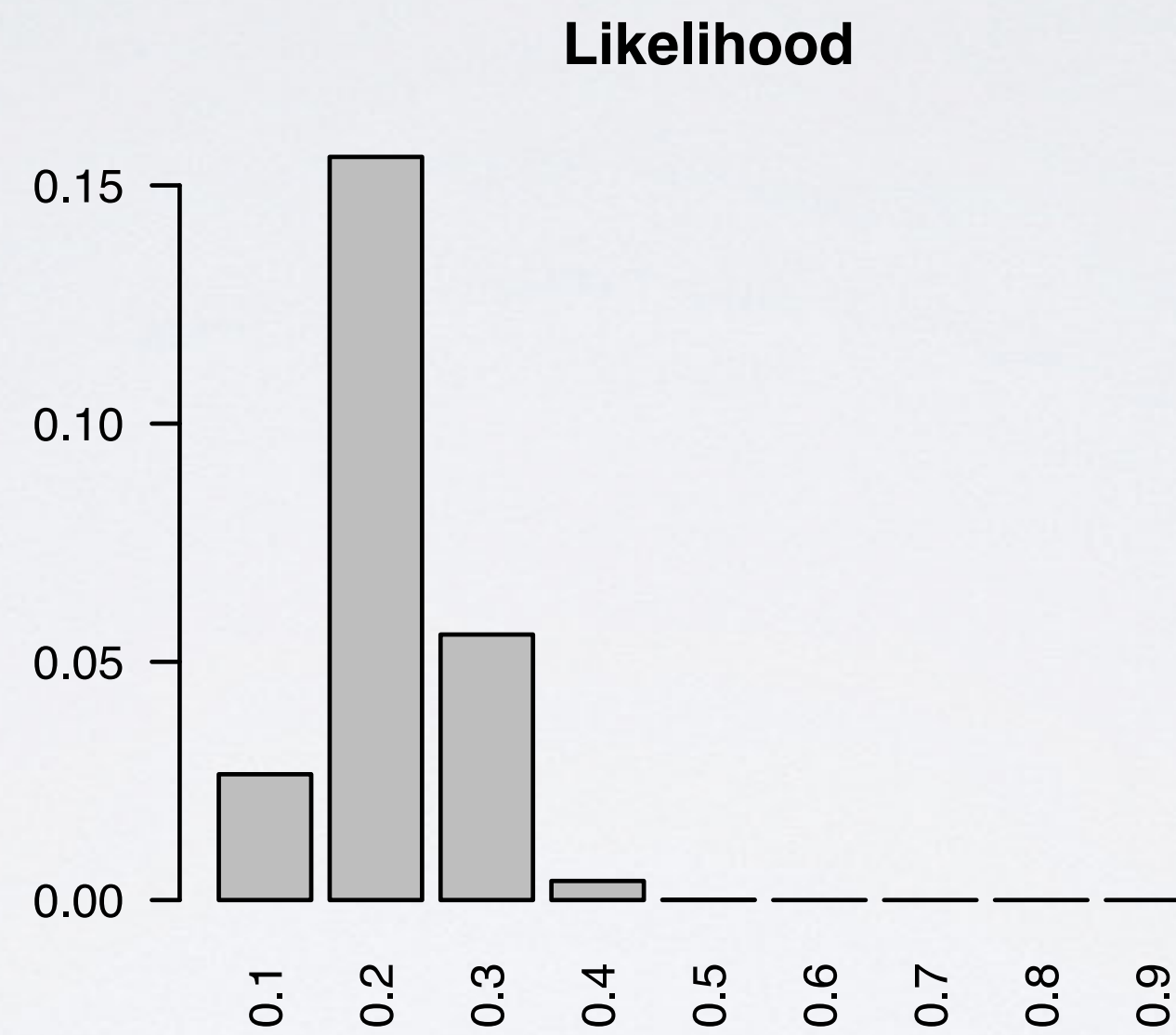
Likelihood
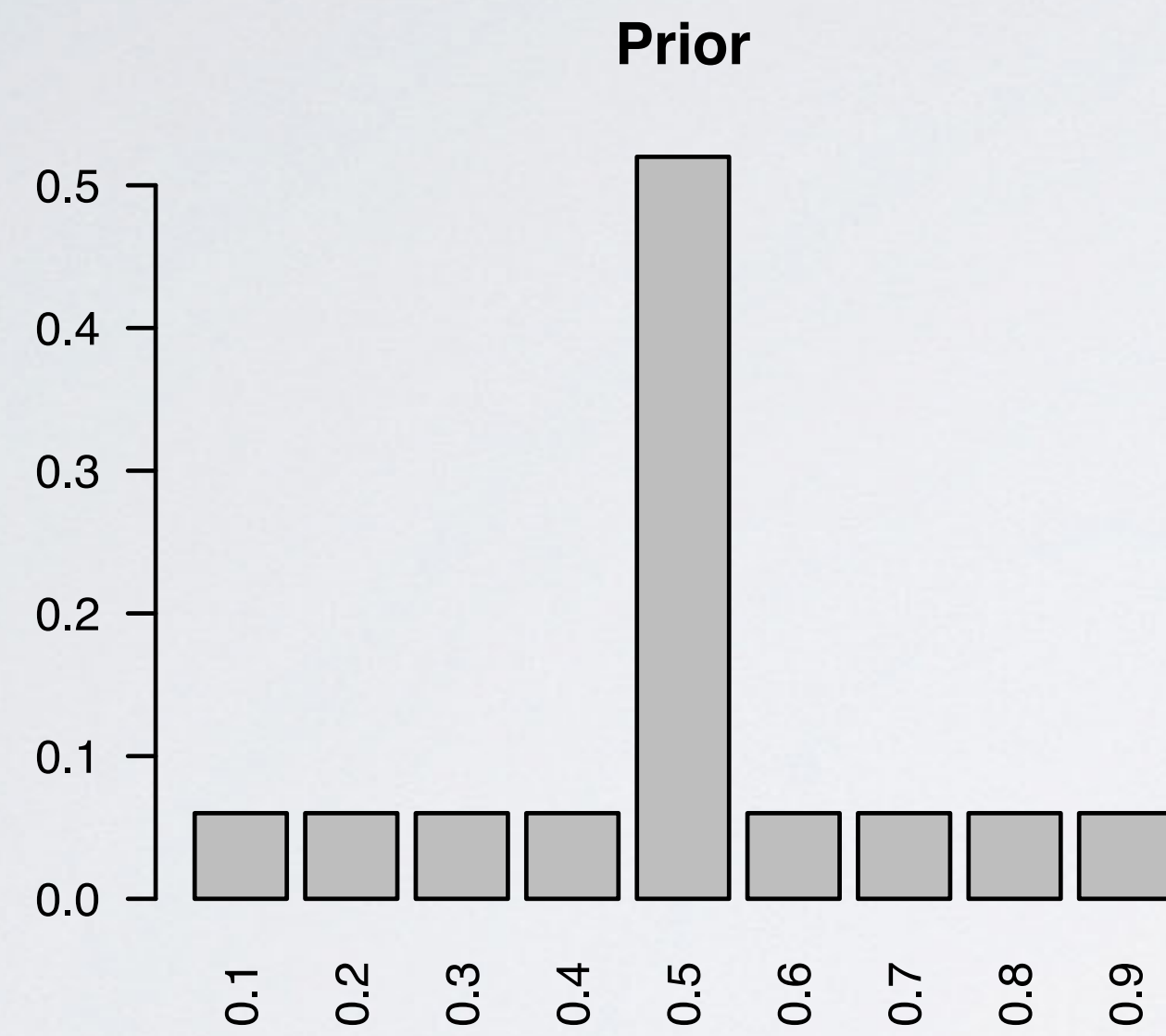
original results

$n = 20, k = 4$
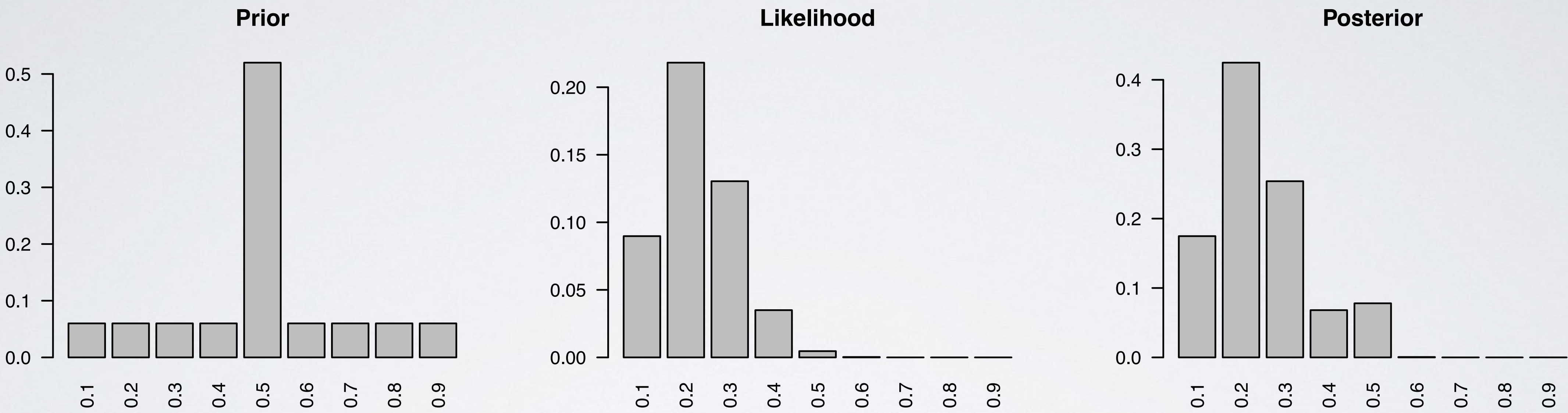
original results

$n = 20, k = 4$

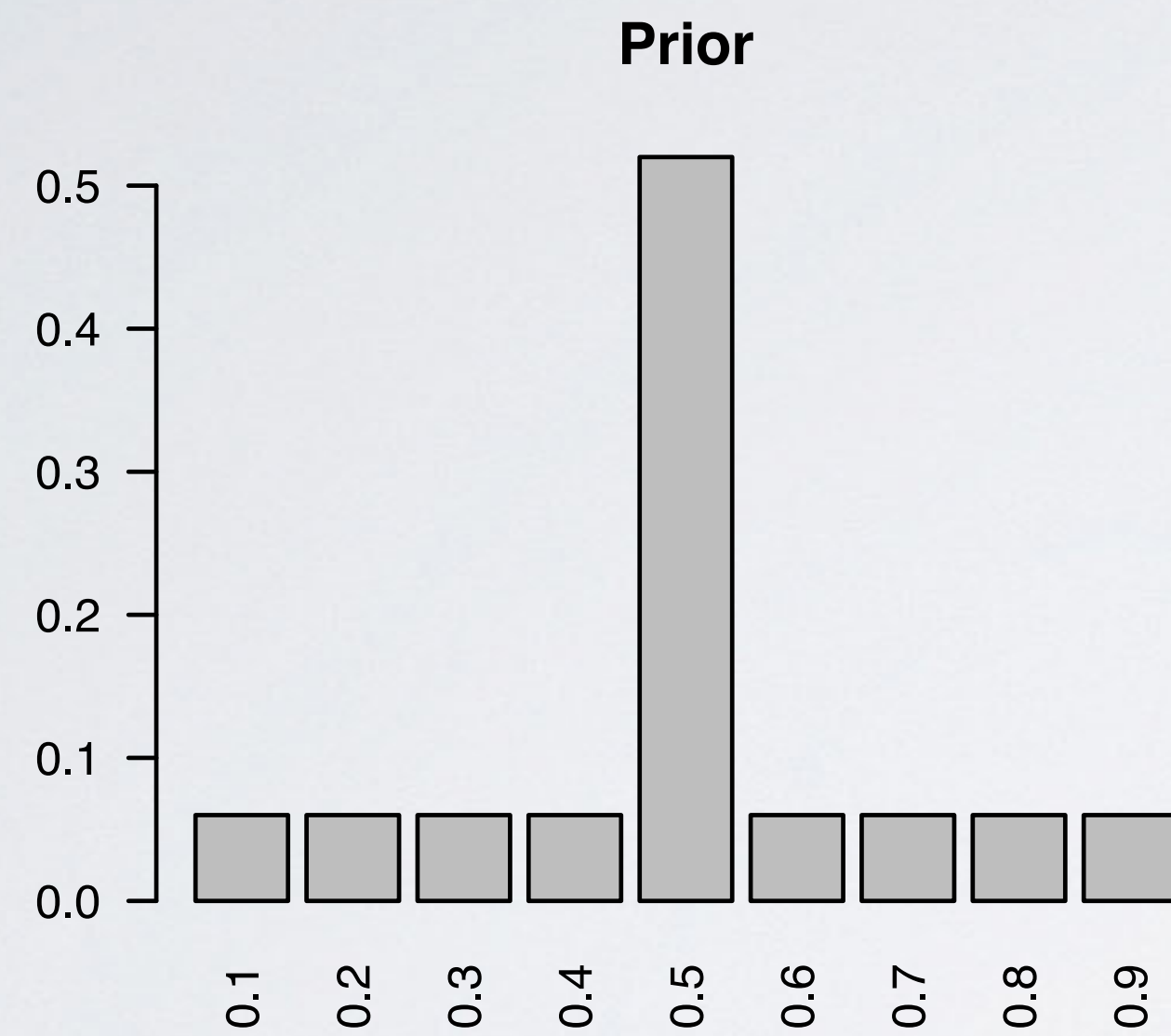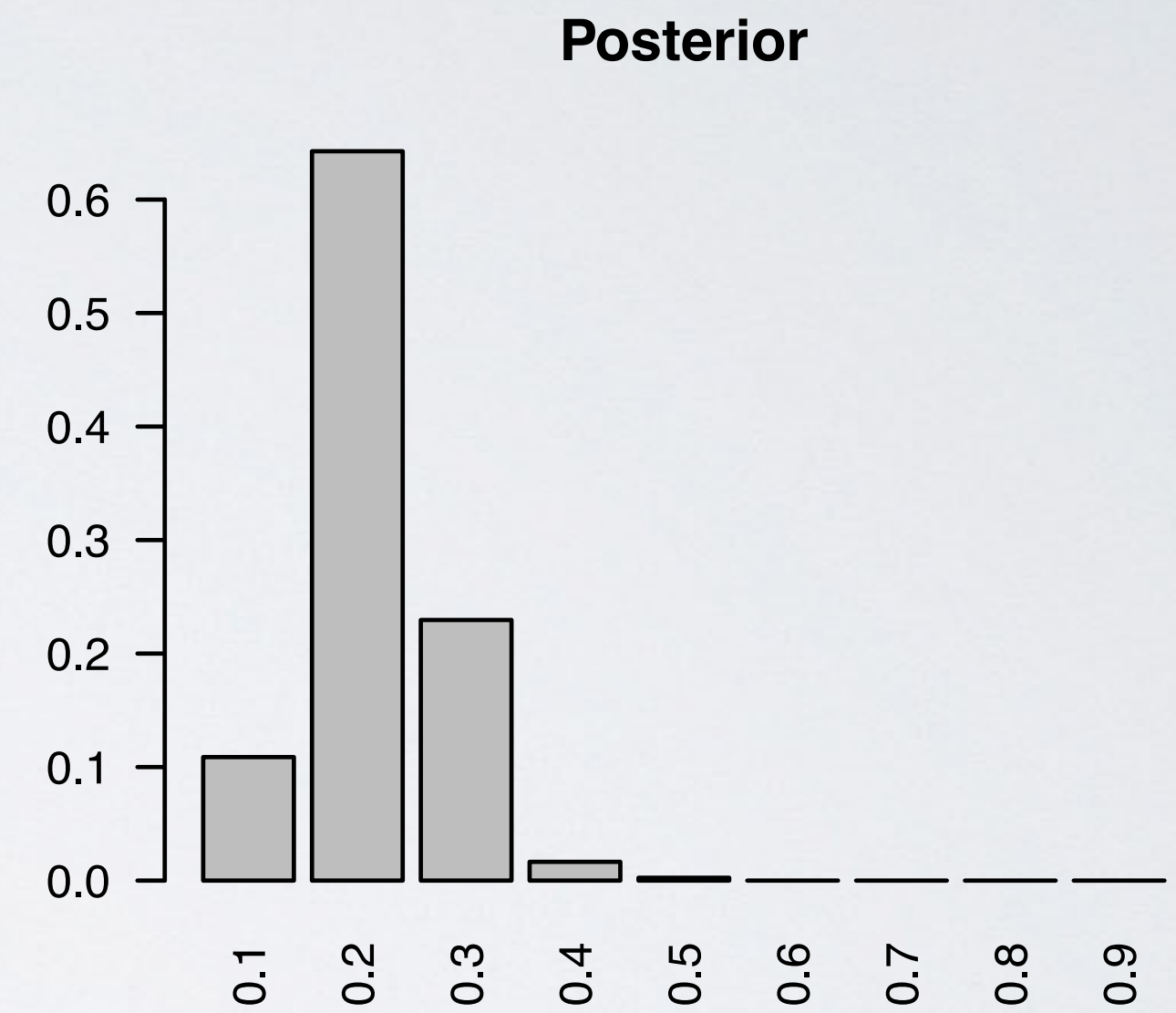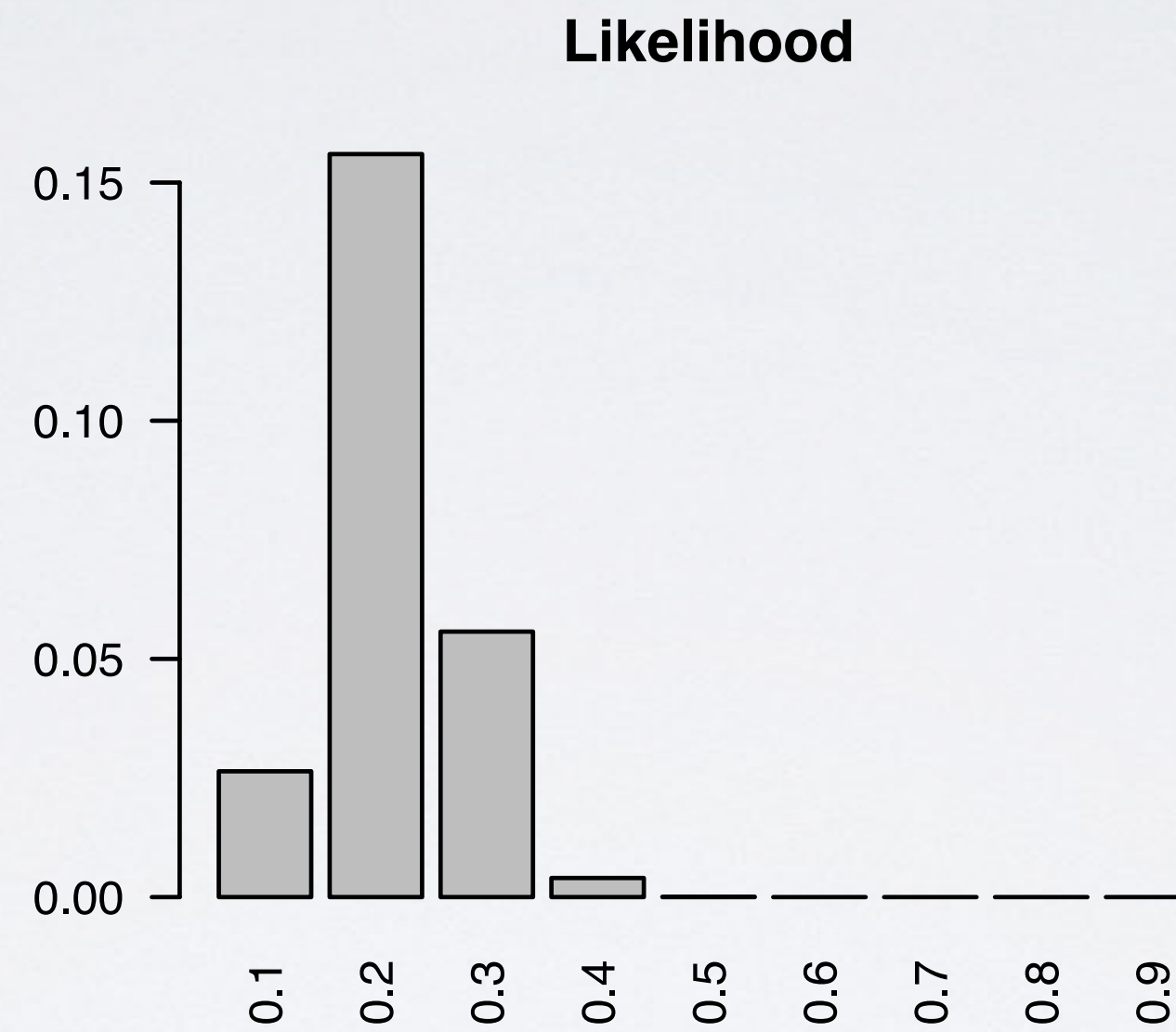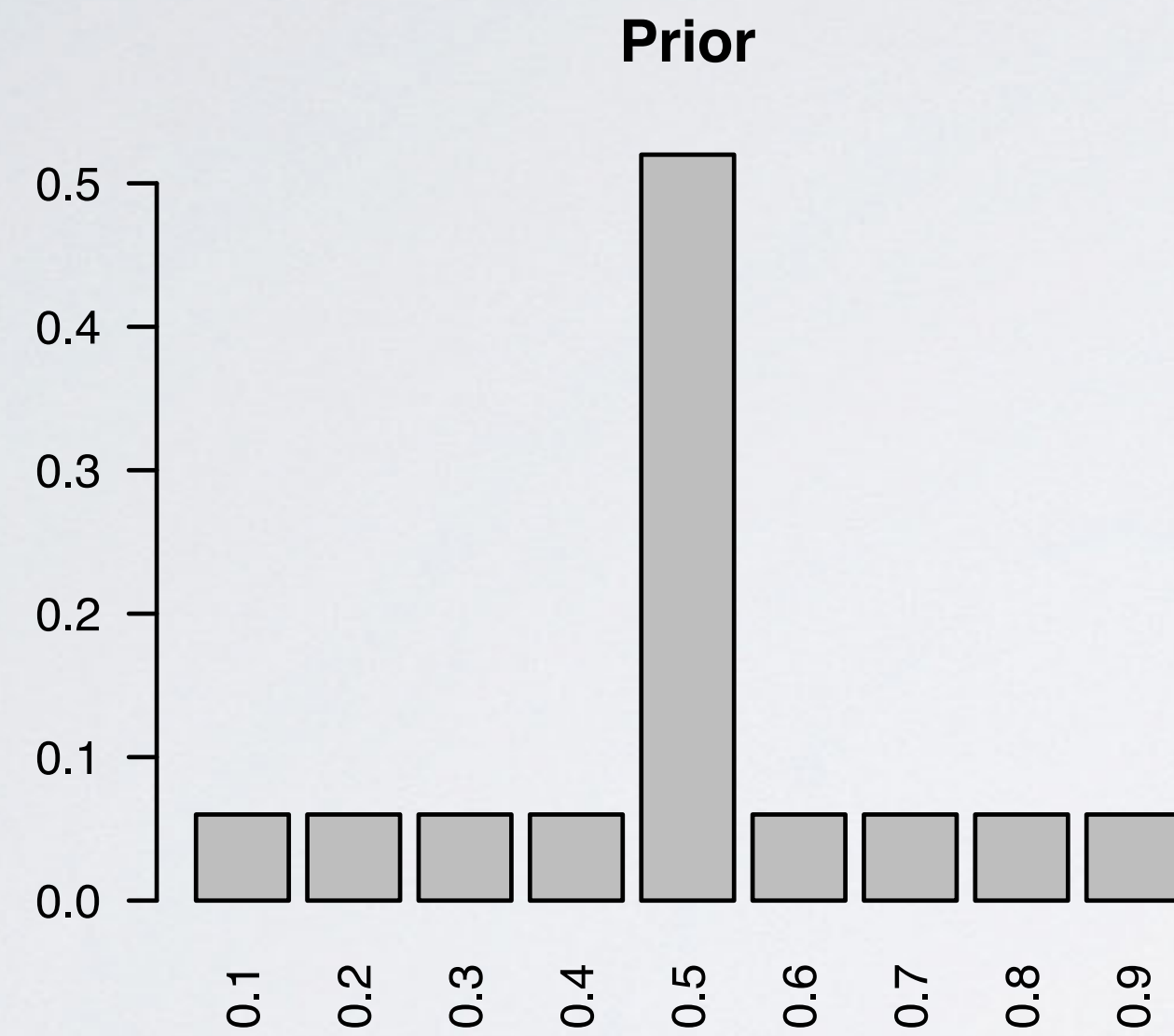# what if we had more data

$n = 40, k = 8$

Prior

what if we had more data

n = 40, k = 8

what if we had more data

$n = 40, k = 8$

what if we had *even* more data

n = 200, k = 40