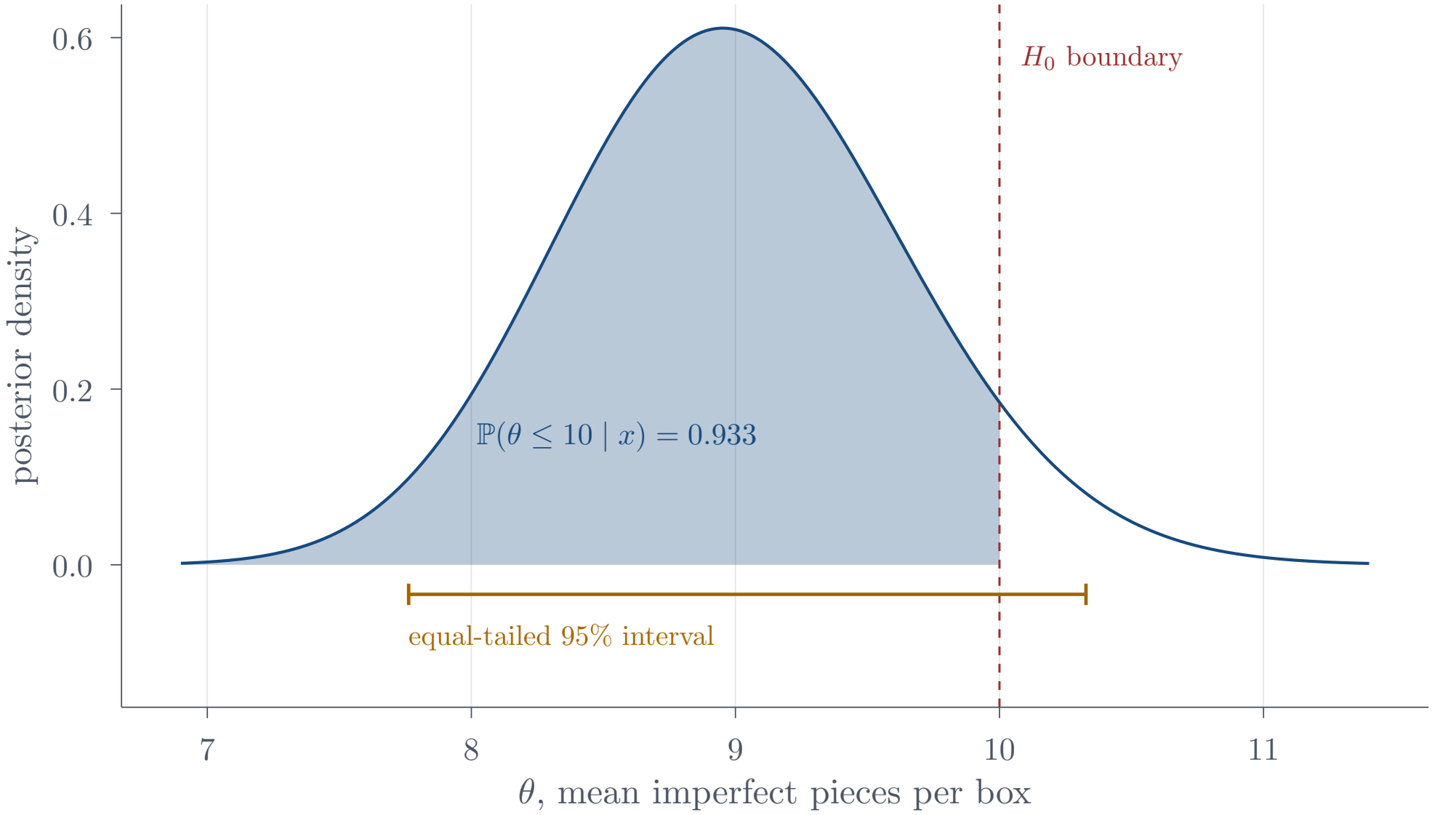

0.6
0.4
0.2
0.0
posterior density
H_0 boundary
$\mathbb{P}(\theta \leq 10 \mid x) = 0.933$
equal-tailed 95% interval
7
8
9
10
11
θ, mean imperfect pieces per box