

Are our MLEs biased?

Our estimate for the probability coin-flips being heads (if we generalized a bit) would be $\frac{\text{num heads}}{\text{total flips}}$

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MLE of Continuous Uniform Distribution

Let x_1, x_2, \dots, x_n be independent samples from the continuous uniform distribution, $X \sim \text{Unif}(0, \theta)$. What is the MLE $\hat{\theta}$ for θ ?

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