**Bias Estimation Error Heatmap (Weak Prior)** - 10<sup>-1</sup> 0.3 - $6 \times 10^{-2}$ True Coin Bias Mean Bias Error  $-3 \times 10^{-2}$ 0.7 - $2 \times 10^{-2}$ \$0 200 AA Number of Flips (log scale)