

## Small Exercises 3

### Parameter Inference

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**Problem 1:** Explain the importance of the i.i.d. assumption on data for parameter inference in 140 characters or less.

**Problem 2:** Why would you prefer MAP over MLE?

**Problem 3:** Why would you prefer MLE over MAP?

**Problem 4:** What is the fundamental advantage of the fully Bayesian approach over MLE and MAP?