Reading Quiz #9

Due Oct 15 at 1:45pm | **Points** 3 | **Questions** 3 | **Available** after Oct 12 at 1pm | **Time Limit** 15 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	7 minutes	3 out of 3

⚠ Correct answers will be available on Oct 15 at 1:45pm.

Score for this quiz: **3** out of 3
Submitted Oct 15 at 8:54am
This attempt took 7 minutes.

Question 1

1 / 1 pts

When evaluating the fit of a model on a data set we should...

- Always compute max absolute deviation
- Always compute sum of absolute deviations
- Always compute sum of squared errors
- Always compute R^2
- Choose a metric for fitness that is appropriate in the context of the data, suitable to the task and has meaningful interpretation in the domain of the problem

Question 2

1 / 1 pts

The likelihood function literally measures...

- How well the model fits the data
- How probable are the model parameters given the observed data

- (•) How probable is the observed data assuming a given model
- ( ) How much variation of the data is captured by the model

Question 3

1 / 1 pts

Priors are...

(***Select all that applies***)

- [x] Probability distributions encoding our beliefs about certain parameters in our model before considering any data
- [ ] Probability distributions describing the likelihood of the model parameters given the data
- [ ] Probability distributions describing the likelihood of the observed data
- [ ] Probability distributions describing the likelihood of jointly observing a set of data and a set of model parameters

Quiz Score: **3** out of 3