5.5 Assignment 2

Multiple Choice

0.0/1.0 point (graded)

For the spelling example, assume a nonEnglish word "radom" is typed by a Statistics professor. We are to infer the likelihood of the intended word being "random", "radon" or "radom"? What prior information can be taken into consideration for this computation?

- The length of the words.
- The frequency of the words used by this professor.
- The context where the word "radom" was typed.
- All of the above.

Submit You have used 0 of 1 attempt

Multiple Choice

0.0/1.0 point (graded)

The basis of Bayesian analysis is the use of:

- Prior information
- Classical statistical models
- The normal distributions
- None of the above.

Submit You have used 0 of 1 attempt

Multiple Choice

0.0/1.0 point (graded)
Here is the conditional probability of observing given:

P(A|B), Bayesian computation uses the following equation: P(A|B) = P(AB)/P(B)

- True
- False

Submit You have used 0 of 2 attempts

Multiple Choice

0.0/1.0 point (graded)

The center of the posterior distribution is always the same as the center of the prior distribution.

- True
- False

Submit

You have used 0 of 1 attempt