4.4 Review Questions

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4.4 R1

1/1 point (graded)

In which of the following problems is Case/Control Sampling LEAST likely to make a positive impact?

- ⦿ Predicting a shopper's gender based on the products they buy ✔

- ○ Finding predictors for a certain type of cancer

- ○ Predicting if an email is Spam or Not Spam

Explanation

Case/Control sampling is most effective when the prior probabilities of the classes are very unequal. We expect this to be the case for the cancer and spam problems, but not the gender problem.