Reading Assignment 2

Q1(a).

P(X=1) = 1/4

P(X=2) = 1/4

P(X=3) = 1/8

P(X=4) = 1/8

P(X=5) = 1/8

P(X=6) = 1/8

Q1(b).

P(X=1) = 1/4

P(X=2) = 1/4

P(X=3) = 1/18

P(X=4) = 1/18

P(X=5) = 1/18

P(X=6) = 1/3

Q2

According to Adam Berger et al. (1996), feature function can be called feature for short. Therefore if |V| is the number of features, we would have |V| feature functions.

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