

CSE 107

Discussion Problems to Accompany Homework Assignment 3

All problems are from *Introduction to Probability* (2nd edition) by Bertsekas and Tsitsiklis.

Section 2.2: Probability Mass Functions

Problems: 2

Section 2.4: Expectation, mean and variance

Problems: 20, 23ab

Section 2.5: Joint PMFs of multiple random variables

Problems: 24ab, 25, 26ab

Section 2.6: Conditioning

Problems: 31, 33

Section 2.7: Independence

Problems: 38, 39, 40