STAT 270 Lecture 12
Fall 2015
5 October 2015

- We worked 'Discrete Distributions' and are nearly finished Section 4.1 in the text.

- On the slides in 'Discrete Distributions' we finished slide 12.

- Problems from text: 4.01, 4.02, 4.03a, 4.04, 4.08, 4.24, 4.26a, 4.32, 4.36.

- Handwritten slides.

- Key jargon, ideas:

  - I defined the *probability mass function* (pmf) of a discrete random variable X.

  - The law of total probability:

  $$\sum_x p_X(x) = 1.$$

  - Bernoulli random variables.

  - *Parameter.*

1