STAT 270 Lecture 7
Spring 2015
23 September 2015

- Reminder about the midterm Friday 25 Sept in class. It is closed book but you are allowed a calculator, *not a web enabled device* and particularly *not your phone or computer*. You are allowed 1 sheet of notes, handwritten or typed/printed, and you can write on both sides. No limits to font size. It covers to the end of Wednesday's (Sept 23) material; I expect to have finished to the end of 3.4 and maybe started 3.5.

- We covered to the end of slide 25 of 'Probability'. Today's examples seem pretty important.

- Read all of Chapter 3 now. Make sure you can do problems up to the end of section 3.4 material.

- I have finished to the end of 3.4.

- Handwritten slides.

- Key jargon, ideas:

   - Defined equally likely eventss.
   - For equally likely events get probability 1 over number of equally likely events.
   - Defined conditional probability. If $P(B) \neq 0$ then

   $$P(A|B) = \frac{P(AB)}{P(B)}.$$

   - I defined independence
   - I did first examples

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