

IS 606: Probability and Statistics for Data Analytics

Assignment 2: Independence and Random Variables Introduced

Instructions:

- Soft deadline for this assignment (recommended due date): **Wednesday, February 25, 2015 at 11:59 p.m. EST.**
- Hard deadline for this assignment (penalties apply if late): **Wednesday, March 4, 2015 at 11:59 p.m. EST.**
- Solutions may either be typed or neatly hand written and scanned. Your submission should, however, be a single electronic file. If you scan your solutions, you must combine them into a single file. PDF files are preferred regardless of your methods.
- Assignments that either cannot be opened correctly or are illegible will receive no credit. If you have any concerns about this, please ask me before the deadline.
- Unless otherwise indicated, each problem is worth two points. The entire assignment is worth 20 points.
- The quality of your solution presentation is as important as the correct answer. For full credit you must show your steps and give clear, thorough answers.
- Challenge problems are not required and are typically slightly harder. You may do some or all of them for possible extra credit.

Assigned Problems:

- Dobrow chapter 3 problems 3.3, 3.6, 3.8, 3.16, 3.22, 3.26, 3.34, 3.45
- Dobrow chapter 4 problems 4.6, 4.16

Challenge Problems (Optional for up to one point each)

- Dobrow chapter 3 problem 3.36