

**MAT235b/STA235b**  
**Homework 2 (Assigned on January 29, 2018).**

**Problem 1.**

Review Examples 5.2.3 and 5.2.4

**Problem 2.**

Exercise 5.2.5

**Problem 3.**

Exercise 5.2.6

**Problem 4.**

Exercise 5.2.7

**Problem 5.**

Exercise 5.2.9

**Problem 6.**

Exercise 5.2.11

**Problem 7.**

Exercise 5.2.12