STAT525 HOMEWORK#8

DUE NOV 7, 2018, **BEFORE** CLASS

1. KNNL Problem 17.2
2. KNNL Problem 17.3
3. KNNL Problem 17.12 For d, please calculate the confidence intervals used for the plot but ignore the plot itself.
4. KNNL Problem 17.17 (Bonferroni adjustment is required for part b)

   Hint: you can use the following statement for $(1-\alpha)$ confidence interval of linear combination of $\Sigma\, c_i\mu_i$'s

   ```
   proc glm data=***;
   class machine;
   model y=machine / clparm alpha;
   estimate '**' machine c1 c2 c3 c4;
   ```

5. KNNL Problem 17.25 (Bonferroni adjustment is required)
6. KNNL Problem 18.2
7. KNNL Problem 18.17 part b to part d.