

Advanced Data Analysis 1, Stat 427/527 Homework 4 Name: _____
Fall 2018, due Sep 27 Thursday

Problem 1:

Acid data (from HW 2) is available from

```
d2 <- read.table("http://math.unm.edu/~luyan/ADA118/acid.txt")
```

(a) Check the following assumptions for Acid 1 and Acid 2 separately:

- use QQ plot to assess normality assumptions
- use SW, AD and cvm tests to perform normality tests

(b) Check equal variance assumption of Acid1 and Acid2. Which test would you suggest: Bartlett's or Levene's test or both?