**EE3211 Modelling Techniques**

**Week 7 Assignment Answer**

Q1. Nonparametric.

Small sample size. The data does not reply on any data distribution e.g. normal distribution (bell-shaped).

Q2. Wilcoxon rank sum test.

Q3.



Q4. In R:

>I=c(1.76,1.45,1.03,1.53,2.34,1.96,1.79,1.21)

>U=c(0.49,0.85,1,1.54,1.01,0.75,2.11,0.92)

>wilcox.test(I,U,exact=T)



Q5. Two-sample t-test