

## **1 Student Names:**

- Chi Po Choi
- Taeyen Kim

## **2 what you are trying to do, i.e., what are the questions you are trying to answer**

We would like to write a R package for the Hypercube estimators introduced by Rudolf Beran.

## **3 For each of the following, enumerate specifics about which you might use**

### **3.1 methods**

### **3.2 techniques**

### **3.3 software**

We use R.

### **3.4 computational approaches (whichever are relevant)**

## **4 if there will be data involved, where are you getting them from and a brief overview what this contains.**

## **5 what are the potential challenges/obstacles.**

## **6 Description**

We will implement the algorithms in the

For the project proposal, I want approximately 2 - 3 paragraphs (no more than 3 or 1 page) that describes the project as you envisage it now without having actually done the work. It should say what you are trying to do, i.e., what are the questions you are trying to answer For each of the following, enumerate specifics about which you might use methods, techniques, software, computational approaches (whichever are relevant) if there will be data involved, where are you getting them from and a brief overview what this contains. what are the potential challenges/obstacles.

The description should serve as basic road-map for what you will do. It will allow me to understand what is involved how difficult or easy it will be and advise accordingly suggest other approaches, techniques, ... you might consider

## **7 Reference**