

Module06 homework Q2

Steve Simon

Dates: This file was created on 2020-07-14 and last modified on 2021-07-14.

Purpose: Answer Homework questions from module06

This solution uses R and SQLite. An alternate solution using SAS and Oracle is also available.

Note: Some of the names used in this code are arbitrary and you can choose whatever names you want. To emphasize which names can be modified at your discretion, I am using names of famous statisticians.

The statistician being honored in this code is Robert V. Hogg.

2. Get a count of the number of records in the database in the control group and the treatment group. Use the label for group and not the number code.

```
library(sqldf)
```

```
## Loading required package: gsubfn
```

```
## Loading required package: proto
```

```
## Loading required package: RSQLite
```

```
hogg <- dbConnect(SQLite(),  
  dbname="../data/melange.sqlite")  
robert <- dbGetQuery(conn=hogg, "  
  select g.group_label, count(*) as n  
    from acupuncture_demographics as d  
   join acupuncture_group_labels as g  
   on d.grp=g.group_code  
   group by d.grp  
")  
robert
```

```
##  group_label  n  
## 1    Control 196  
## 2   Treatment 205
```

```
dbDisconnect(conn=hogg)
```