

04.04.02-Quiz Notebook

Import the .R files to the environment;

```
source("best.R")
source("rankhospital.R")
source("rankall.R")
```

Question 1

What result is returned by the following code?

```
best("SC", "heart attack")
best("SC", "heart attack")

## [1] "MUSC MEDICAL CENTER"
```

Question 2

What result is returned by the following code?

```
best("NY", "pneumonia")
best("NY", "pneumonia")

## [1] "MAIMONIDES MEDICAL CENTER"
```

Question 3

What result is returned by the following code?

```
best("AK", "pneumonia")
best("AK", "pneumonia")

## [1] "YUKON KUSKOKWIM DELTA REG HOSPITAL"
```

Question 4

What result is returned by the following code?

```
rankhospital("NC", "heart attack",
             "worst")
rankhospital("NC", "heart attack",
             "worst")

## [1] "WAYNE MEMORIAL HOSPITAL"
```

Question 5

What result is returned by the following code?

```
rankhospital("WA", "heart attack", 7)
```

```
rankhospital("WA", "heart attack", 7)
```

```
## [1] "YAKIMA VALLEY MEMORIAL HOSPITAL"
```

Question 6

What result is returned by the following code?

```
rankhospital("TX", "pneumonia", 10)
```

```
rankhospital("TX", "pneumonia", 10)
```

```
## [1] "SETON SMITHVILLE REGIONAL HOSPITAL"
```

Question 7

What result is returned by the following code?

```
rankhospital("NY", "heart attack", 7)
```

```
rankhospital("NY", "heart attack", 7)
```

```
## [1] "BELLEVUE HOSPITAL CENTER"
```

Question 8

What result is returned by the following code?

```
r <- rankall("heart attack", 4)
```

```
as.character(subset(r, state == "HI")$hospital)
```

```
r <- rankall("heart attack", 4)
```

```
as.character(subset(r, state == "HI")$hospital)
```

```
## [1] "CASTLE MEDICAL CENTER"
```

Question 9

What result is returned by the following code?

```
r <- rankall("pneumonia", "worst")
```

```
as.character(subset(r, state == "NJ")$hospital)
```

```
r <- rankall("pneumonia", "worst")
```

```
as.character(subset(r, state == "NJ")$hospital)
```

```
## [1] "BERGEN REGIONAL MEDICAL CENTER"
```

Question 10

What result is returned by the following code?

```
r <- rankall("heart failure", 10)
as.character(subset(r, state == "NV")$hospital)

r <- rankall("heart failure", 10)
as.character(subset(r, state == "NV")$hospital)

## [1] "RENOWN SOUTH MEADOWS MEDICAL CENTER"
```