

R Notebook

A Comparative Analysis of Wi-Fi Performance Between Science and Humanities Buildings: Evidence of Infrastructure Inequality on a College Campus

```
library(readxl)
```

```
## Warning: package 'readxl' was built under R version 4.3.2
```

```
hanson_data= read_excel("datasheet.xlsx", sheet="Hanson")
```

```
oldmain_data= read_excel("datasheet.xlsx", sheet="Old Main")
```

```
oldmain_data
```

```
## # A tibble: 14 x 5
```

```
##   Date                `Expected Time` `Actual Time`  
##   <dtm>              <chr>          <dtm>  
## 1 2023-12-02 00:00:00 10:25-10:30PM 1899-12-31 10:31:00  
## 2 2023-12-02 00:00:00 1:25-1:30 PM 1899-12-31 13:31:00  
## 3 2023-12-02 00:00:00 3:00-3:15 PM 1899-12-31 15:15:00  
## 4 2023-12-02 00:00:00 4:30-4:45 PM 1899-12-31 16:38:00  
## 5 2023-12-04 00:00:00 10:25-10:30PM 1899-12-31 10:25:00  
## 6 2023-12-04 00:00:00 1:25-1:30 PM 1899-12-31 13:42:00  
## 7 2023-12-04 00:00:00 3:00-3:15 PM 1899-12-31 03:05:00  
## 8 2023-12-04 00:00:00 4:30-4:45 PM 1899-12-31 16:35:00  
## 9 2023-12-05 00:00:00 10:25-10:30PM 1899-12-31 10:25:00  
## 10 2023-12-05 00:00:00 1:25-1:30 PM 1899-12-31 13:28:00  
## 11 2023-12-05 00:00:00 3:00-3:15 PM 1899-12-31 15:25:00  
## 12 2023-12-05 00:00:00 4:30-4:45 PM 1899-12-31 16:31:00  
## 13 2023-12-06 00:00:00 10:25-10:30PM 1899-12-31 10:19:00  
## 14 2023-12-06 00:00:00 1:25-1:30 PM 1899-12-31 13:29:00  
## # i 2 more variables: `Download Speed (Mbps)` <dbl>,  
## #   `Upload Speed (Mbps)` <dbl>
```

H_T : There is no difference in average wifi speed between Old Main and Hanson

H_A : There is a difference in average wifi speed between Old Main and Hanson

Abstract

Lorem

I. Introduction

Lorem

II. Experimental Setup

III. Results

Lorem

IV. Discussion

Lorem

References

Using IEEE Styles