EDA

James A. Coppock, Cyrus Tanade, Nicole Zimmer

9/25/2020

BME 590: Fall Detection

```
setwd("~/Desktop/Duke/Class/Fall 2020/Biomedical DS/BME590_Fall_Detection")
library("tidyverse")
```
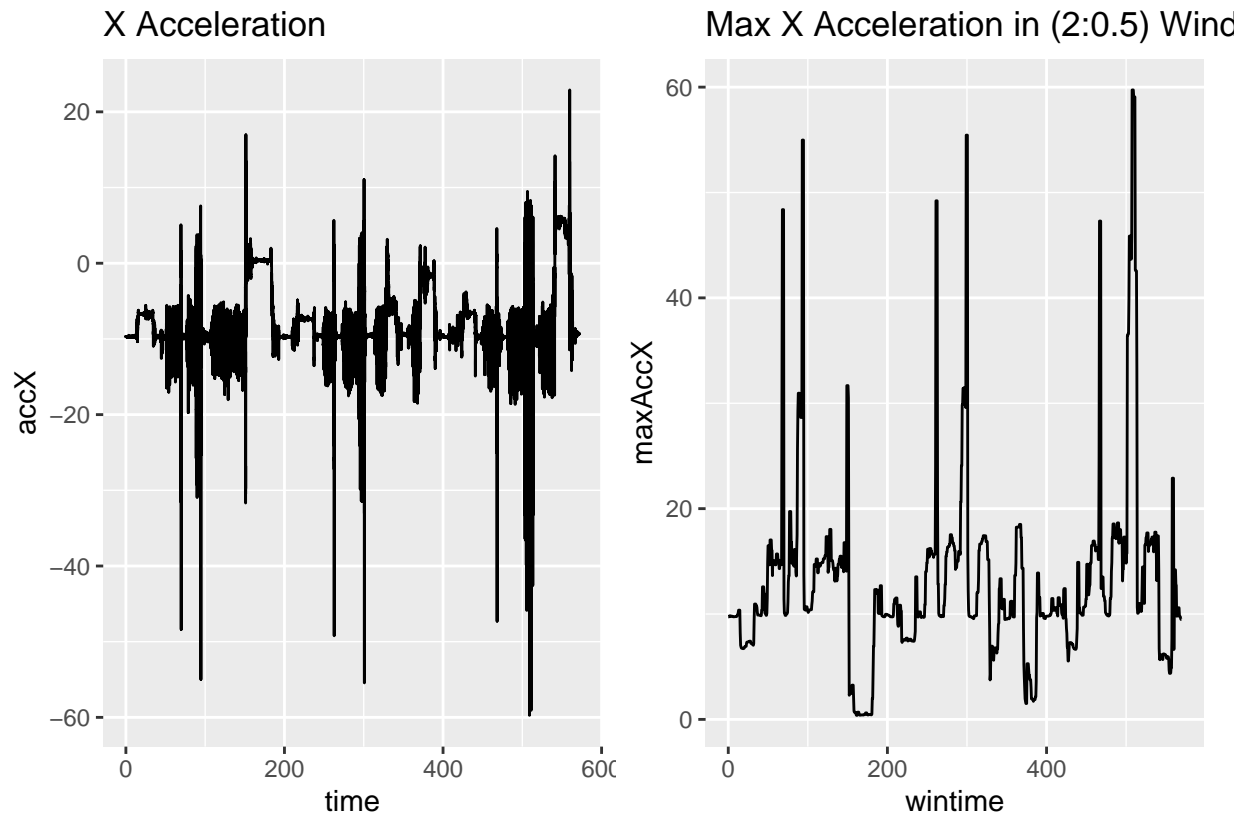
```
## Warning: package 'tidyverse' was built under R version 3.5.2

## -- Attaching packages --------------------------------- tidyverse 1.3.0 --

## v ggplot2 3.3.2     v purrr   0.3.4
## v tibble  3.0.3     v dplyr   1.0.2
## v tidyr   1.1.2     v stringr 1.4.0
## v readr   1.3.1     v forcats 0.5.0

## Warning: package 'stringr' was built under R version 3.5.2

## Warning: package 'forcats' was built under R version 3.5.2

## -- Conflicts ------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(readxl)
```

```
## Warning: package 'readxl' was built under R version 3.5.2
```

```
library(evobiR)
library(patchwork)
library(gridExtra)
```

```
##
## Attaching package: 'gridExtra'

## The following object is masked from 'package:dplyr':
##
##     combine
```

```
Falls_df <- read_excel('Fall_Data.xlsx')
```

Including Plots

You can also embed plots, for example:

| X Acceleration | Max X Acceleration in (2:0.5) Wind |

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.