Examples

Examples R package

Install R Package

```
setwd("C:/Users/mbofi/Dropbox/CeMSIIS/GitHub/ewhorm_sim/rpkg")
# install.packages('C:/Users/mbofi/Dropbox/CeMSIIS/GitHub/ewhorm_sim/ewhorm_0.1.tar.gz',re
library(ewhorm)
```

Simulate data

```
simulated_data <- ewhorm::sim_data(n_arms = 4,
                                   N = 30 * 4,
                                   mu_6m = c(0,0,0,0),
                                   mu_12m= c(0,0,0,0),
                                   sigma=diag(1,2),
                                   rmonth =12)
head(simulated_data,10)
```

```
          y_6m       y_12m  treat recruit_time
1   1.08036474  0.3605156   High            6
2   1.07671932 -1.0921696    Low           10
3  -1.72144917  0.3306223    Low            5
4  -0.72335894  0.2842943 Medium            6
5  -0.01698762 -0.8913163    Low            4
6  -0.56731732 -1.5892729   High            1
7  -0.13635222 -0.9195071    Low            4
8  -0.32282047 -0.6364458 Medium            1
9  -0.02285518  0.2417326   High           10
10 -0.29620744 -0.1520607   High            9
```