



Data Process

Module1

- Generate all R/Rmd/sh files for other modules
- Read, transform and merge the data from csv folder of GGIR

Module2

- create descriptive variables for data cleaning using parts 2,4,5 results from GGIR

Module3

- Data Clean (valid hours, day, valid subjects, duplicate samples, day sleeper, abnormal sleep based on parts 2,4,5 results from GGIR)

Module4

- Data imputation.

Module5

- R markdown file for generate a comprehensive report of data processing and exploratory plots.

Module6

- R markdown file for generate a report of non-wear score.

Module7

- Extract all features
- Weekday/weekend specific features
- JIVE Decomposition

Reports and Features

Output:

- Data under ./data and ./summary directories

