Code Book

Contents

1 Study design

The data set "tidy_data_set.txt" is made through a processing of the UCI HAR data set by:

- merging the "train" and "test" data set;
- grouping the data by "activity" and "sbuject";
- selecting just the "mean" and "std" columns;
- calculating the mean value for each column.

2 Code book

2.1 Size

- Number of records: 180+1 (the first row representing the column headers)
- Number of variables: 88

2.2 Variables

2.2.1 Variable 1: "ActivityLabel"

Each record is related to a subject performing one of the following activities:

- WALKING
- WALKING_UPSTAIRS
- WALKING_DOWNSTAIRS
- SITTING
- STANDING
- LAYING

2.2.2 Variable 2: "Subject"

Each record is related to a subject identified with numerical labels:

- 1
- 2
- . . .
- 30

2.2.3 Variables 3-end

Please, refer to the UCI HAR Data Set for a complete description of these variables.