**CodeBook**

Abstract : description of the dataset “tidy.txt” built from Human Activity Recognition database built from the recordings of 30 subjects performing activities of daily living (ADL) while carrying a waist-mounted smartphone with embedded inertial sensors.

Subjects :

ID of the subjects/persons tested, from 1 to 30.

Activities:

1 WALKING : the subject is walking

2 WALKING\_UPSTAIRS : the subject is climbing stairs

3 WALKING\_DOWNSTAIRS : the subject is descending stairs

4 SITTING : the subject is seated

5 STANDING : the subject is standing

6 LAYING : the subject is laying

Measures :

tBodyAcc-XYZ

tGravityAcc-XYZ

tBodyAccJerk-XYZ

tBodyGyro-XYZ

tBodyGyroJerk-XYZ

tBodyAccMag

tGravityAccMag

tBodyAccJerkMag

tBodyGyroMag

tBodyGyroJerkMag

fBodyAcc-XYZ

fBodyAccJerk-XYZ

fBodyGyro-XYZ

fBodyAccMag

fBodyAccJerkMag

fBodyGyroMag

fBodyGyroJerkMag