

Codebook to mean__by__subj__act.txt (Analysis of HAR data)

We have 75 columns:

1 : subject

Denotes the number of the test participant; values go from 1 to 30

2 : activity

Describes the six different activities:

lie - Lying

stand - Standing

sit - Sitting

walk - Walking

walk down - Walking downstairs

walk up - Walking upstairs

3-75 : data columns

Names of data columns are unchanged from researchers' terminology and can be understood following these rules:

t/f - Data derived in time domain or Fourier transformed data

Body/Gravity - Body or gravitational part of signal

Acc/Gyro - Accelerometer or gyroscope signal

Jerk - Jerk signals

Mag - Calculated magnitude of signal

X/Y/Z - Spatial axes

mean()/sd() - Mean or standard deviation of signal

angle(...) - Angle of a mean vector