subject_id 2

Unique Subject(Person) Identifier

1
2
3
4
5
..
..
30

activity_name 10-30

Activity Name Performed by Subject(Person)

walking
walking upstairs
walking downstairs
sitting
standing
laying

tbodyacc_mean_x

mean of total body acceleration signal from the accelerometer X axis in standard gravity units 'g'

0.2460635-0.2904664 (in gravity unit g)

tbodyacc_mean_y

mean of total body acceleration signal from the accelerometer Y axis in standard gravity units 'g'

-0.03113355--0.008691943 (in gravity unit g)

tbodyacc_mean_z

mean of total body acceleration signal from the accelerometer z axis in standard gravity units 'g'

-0.1269125 - -0.09498994 (in gravity unit g)

tgravityacc_mean_x

mean of total gravity acceleration signal from the accelerometer X axis in standard gravity units 'g'

-0.417646 - 0.9491829 (in gravity unit g)

tgravityacc_mean_y

mean of total gravity acceleration signal from the accelerometer Y axis in standard gravity units 'g'

-0.3628805 – 0.7027158 (in gravity unit g)

tgravityacc_mean_z

mean of total gravity acceleration signal from the accelerometer Z axis in standard gravity units 'g'

-0.2195168 - 0.6575822 (in gravity unit g)

tbodyaccjerk_mean_x

mean of total body acceleration jerk signal from the accelerometer X axis in standard in gravity units 'g'

0.04741 - 0.12644 (in gravity unit g)

tbodyaccjerk_mean_y

mean of total body acceleration jerk signal from the accelerometer Y axis in standard gravity units 'g'

-0.006107 -0.025596 (in gravity unit g)

tbodyaccjerk_mean_z

mean of total body acceleration jerk signal from the accelerometer Z axis in standard gravity units 'g'

-0.0952588 - 0.0192279 (in gravity unit g)

tbodygyro_mean_x

mean of total body gyro signal from the accelerometer X axis in radians/second

-0.10310 - 0.05686 (radians/second)

tbodygyro_mean_y

mean of total body gyro signal from the accelerometer Y axis in radians/second

-0.12080 - -0.03913 (radians/second)

tbodygyro_mean_z

mean of total body gyro signal from the accelerometer Z axis in standard radians/second

0.03006 – 0.13900 (in radians/second)

tbodygyrojerk_mean_x

mean of total body gyro jerk signal from the accelerometer Y axis in radians/second

-0.12594 - -0.05241 (in radium/second)

tbodygyrojerk_mean_y

mean of total body gyro jerk signal from the accelerometer Y axis in radian/second

-0.05462 - -0.02786 (in radian/second)

tbodygyrojerk_mean_z

mean of total body gyro jerk signal from the accelerometer Z axis in radium/second

-0.06685 - -0.04611 (in radian/second)

tbodyaccmag_mean

mean of total body acceleration magnitude in standard gravity units 'g'

-0.9824 – 0.1608 (in gravity unit g)

tgravityaccmag_mean

mean of total body gravitation magniturde in radian/second

-0.9824 – 0.1608 (in radian/second)

tbodyaccjerkmag_mean

mean of total body acceleration jerk magnitude in standard gravity units 'g'

-0.98958 – -0.05765 (in gravity unit g)

tbodygyromag_mean

mean of total body gyro magnitude in radian/second

-0.97460 - -0.04751 in radian/second

tbodygyrojerkmag_mean

mean of total body gyro jerk magnitude in radian/second

-0.9932 - -0.3586 in radian/second

fbodyacc_mean_x

mean of filtered body acceleration signal from the accelerometer X axis in standard gravity units 'g'

-0.9938 – 0.1059 in gravity unit g

fbodyacc_mean_y

mean of filtered body acceleration signal from the accelerometer Y axis in standard gravity units 'g'

-0.97813 – 0.13105 in gravity unit g

fbodyacc_mean_z

mean of filter total acceleration signal from the accelerometer Z axis in standard gravity units 'g'

-0.9781 - -0.1708 in gravity unit g

fbodyacc_meanfreq_x

mean frequency of body acceleration signal from the accelerometer X axis in standard gravity units 'g'

-0.46975 - 0.09038 in gravity unit g

fbodyacc_meanfreq_y

mean frequency of filtered body acceleration signal from the accelerometer Y axis in standard gravity units 'g'

-0.243792 - 0.217385 in gravity unit g

fbodyacc_meanfreq_z
mean frequency of body acceleration signal from the accelerometer Z axis in standard gravity units 'g'
-0.34991 – 0.29070 in gravity unit g

fbodyaccjerk_mean_x
mean of filtered body acceleration jerk signal from the accelerometer X axis in standard gravity units 'g'
-0.991819 - -0.004688 in gravity unit g

fbodyaccjerk_mean_y
mean of filter body acceleration jerk signal from the accelerometer Y axis in standard gravity units 'g'
-0.98390 - -0.05433 in gravity unit g

fbodyaccjerk_mean_z
mean of filtered body acceleration jerk signal from the accelerometer Z axis in standard gravity units 'g'
-0.9870 - -0.2940 in gravity unit g

fbodyaccjerk_meanfreq_x
mean frequency of filter body acceleration jerk signal from the accelerometer X axis in standard gravity units 'g'
-0.36878 – 0.21897 in gravity unit g

fbodyaccjerk_meanfreq_y
mean frequncy of filtered body acceleration signal from the accelerometer Y axis in standard gravity units 'g'
-0.54051 – 0.04265 in gravity unit g

fbodyaccjerk_meanfreq_z
mean frequency of filtered body acceleration jerk signal from the accelerometer Z axis in standard gravity units 'g'
-0.49610 – 0.12462 in gravity unit g

fbodygyro_mean_x
mean of filtered body gyro signal from the accelerometer X axis in radian/second
-0.9880 - -0.1617 in radian/second

fbodygyro_mean_y
mean of filtered body gyro signal from the accelerometer Y axis radian/second
-0.9864 - -0.2423 in radian/second

fbodygyro_mean_z
mean of filtered body gyro signal from the accelerometer Z axis in radian/second
-0.97547 - -0.05788 in radian/second

fbodygyro_meanfreq_x
mean frequency of body gyro signal from the accelerometer X axis in radian/second
-0.32677 – 0.09752 in radian/second

fbodygyro_meanfreq_y
mean frequency of total body gyro signal from the accelerometer Y axis in radian/second
-0.423305 - -0.009773 in radian/second

fbodygyro_meanfreq_z
mean frequency of body gyro signal from the accelerometer Z axis in radian/second
-0.33417 – 0.18426 in radian/second

fbodyaccmag_mean
mean of filtered body acceleration magnitude in standard gravity units 'g'
-0.9826 - 0.2311 in gravity unit g

fbodyaccmag_meanfreq
mean of filtered body acceleration magnitude in standard gravity units 'g'
-0.126431 - 0.261059 in gravity unit g

fbodybodyaccjerkmag_mean
mean of filtered body acceleration jerk magnitude in standard gravity units 'g'
-0.98924 - 0.07927 in gravity unit g

fbodybodyaccjerkmag_meanfreq
mean of filtered body acceleration jerk signal magnitude in standard gravity units 'g'
-0.01281 – 0.36336 in gravity unit g

fbodybodygyromag_mean
mean of filtered body gyro magnitude in standard gravity units 'g'
-0.9816 - -0.2136 in gravity unit g

fbodybodygyromag_meanfreq
mean of total body acceleration signal from the accelerometer Y axis in standard gravity units 'g'
-0.30569 - 0.21643 in gravity unit g

fbodybodygyrojerkmag_mean
mean of filterd body gyro jerk mangitude in radian/second
-0.9934 - -0.3790 (in radium/seconds)

fbodybodygyrojerkmag_meanfreq"
mean frequency of filterd body gyro jerk mangitude in radian/second
0.01231 - 0.26304

tbodyacc_std_x
standard deviation of total body accceleration from the accelerometer X axis in standard gravity unit 'g'
-0.9951 - 0.1708

tbodyacc_std_y
standard deviation of total body accceleration from the accelerometer Y axis in standard gravity unit 'g'
-0.97585 - 0.14546

tbodyacc_std_z
standard deviation of total body accceleration from the accelerometer Z axis in standard gravity unit 'g'
-0.97272 - -0.01013

tgravityacc_std_x
standard deviation of total gravity accceleration from the accelerometer X axis in standard gravity unit 'g'
-0.9973 - -0.9109

tgravityacc_std_y
standard deviation of total gravity accceleration in standard gravity unit 'g'
-0.9869 - -0.9174

tgravityacc_std_z
standard deviation of total gravity accceleration in standard gravity unit 'g'
-0.9788 - -0.8879

tbodyaccjerk_std_x
standard deviation of total gravity jerk accceleration in standard gravity unit 'g'
-0.99143 - 0.03071

tbodyaccjerk_std_y
standard deviation of total gravity accceleration in standard gravity unit 'g'
-0.98432 - -0.01257

tbodyaccjerk_std_z
standard deviation of total gravity accceleration in standard gravity unit 'g'
-0.9890 - -0.3565

tbodygyro_std_x
standard deviation of total body gyro in radian/second
-0.9897 - -0.2840

tbodygyro_std_y
standard deviation of total body gyro in radian/second
-0.9837 - -0.1971

tbodygyro_std_z
standard deviation of total body gyro in radian/second
-0.9740 - -0.0875

tbodygyrojerk_std_x
standard deviation of total gyro jerk in radian/second
-0.9929 - -0.3317

tbodygyrojerk_std_y
standard deviation of total gyro jerk in radian/second
-0.9924 - -0.4110

tbodygyrojerk_std_z
standard deviation of total gyro jerk in radian/second
-0.9914 - -0.2341

tbodyaccmag_std
standard deviation of total body acceleration magnitude in standard gravity unit in 'g'
-0.9806 - 0.1909

tgravityaccmag_std
standard deviation of gravity acceleration magnitude in standard gravity unit in 'g'
-0.9806 - 0.1909

tbodyaccjerkmag_std
standard deviation of total gravity acceleration jerk magnitude in standard gravity unit in 'g'
-0.99006 - -0.22692

tbodygyromag_std
standard deviation of total gravity acceleration magnitude in radian/second
-0.9749 - -0.1729

tbodygyrojerkmag_std
standard deviation of total body gyro jerk magnitude in radian/second
-0.9934 - -0.3875

fbodyacc_std_x
standard deviation of total body acceleration in standard gravity unit in 'g'

-0.9957 - 0.1988

fbodyacc_std_y
standard deviation of total body acceleration in standard gravity unit in 'g'
-0.97531 - 0.07870

fbodyacc_std_z
standard deviation of total body acceleration in standard gravity unit in 'g'
-0.97240 - 0.02364

fbodyaccjerk_std_x
standard deviation of filtered body acceleration jerk in radian/second
-0.99176 - -0.02693

fbodyaccjerk_std_y
standard deviation of filtered body acceleration jerk in radian/second
-0.98603 - -0.03558

fbodyaccjerk_std_z
standard deviation of filtered body acceleration jerk in standard gravity unit in 'g'
-0.9896 - -0.4187

fbodygyro_std_x
standard deviation of filtered body gyro in radian/second
-0.9903 - -0.3271

fbodygyro_std_y
standard deviation of filtered body gyro in radian/second
-0.9822 - -0.1374

fbodygyro_std_z
standard deviation of filtered body gyro in radian/second
-0.9760 - -0.1463

fbodyaccmag_std
standard deviation of filtered body acceleration magnitude in standard gravity in 'g'
-0.98169 - -0.02101

fbodybodyaccjerkmag_std
standard deviation of filtered body acceleration jerk magnitude in radian/second
-0.99000 - 0.01048

fbodybodygyromag_std
standard deviation of filtered body gyro magnitude in radian/second
-0.9750 - -0.2857

fbodybodygyrojerkmag_std
standard deviation of filtered body gyro jerk magnitude in radian/second
-0.9935 - -0.4240