

SUBJECT.ID

Subject id, from 1 to 30.

ACTIVITY.TYPE

Activity type e.g WALKING, STANDING.

And following features has the form of :

<Signal Class>-<Signal-Type>-<Statistical Function>[-<Axis>]

Signal Class

`T` for Time Domain Signals

`F` filtered by Fast Fourier Transform (FFT).

Signal Type of

JERK, Jerk signals,

BODYACC, body linear acceleration

GRAVITYACC, gravity acceleration signals

Statistical functions:

MEAN: Mean value

STD: Standard deviation

MEANFREQ: Weighted average of the frequency components to obtain a mean frequency

Axis has the value of X, Y or Z indicating X,Y and Z Axis.

List of Features:

TBODYACC.MEAN.X

TBODYACC.MEAN.Y

TBODYACC.MEAN.Z

TBODYACC.STD.X

TBODYACC.STD.Y

TBODYACC.STD.Z

TGRAVITYACC.MEAN.X

TGRAVITYACC.MEAN.Y

TGRAVITYACC.MEAN.Z

TGRAVITYACC.STD.X

TGRAVITYACC.STD.Y

TGRAVITYACC.STD.Z

TBODYACCJERK.MEAN.X

TBODYACCJERK.MEAN.Y

TBODYACCJERK.MEAN.Z

TBODYACCJERK.STD.X

TBODYACCJERK.STD.Y
TBODYACCJERK.STD.Z
TBODYGYRO.MEAN.X
TBODYGYRO.MEAN.Y
TBODYGYRO.MEAN.Z
TBODYGYRO.STD.X
TBODYGYRO.STD.Y
TBODYGYRO.STD.Z
TBODYGYROJERK.MEAN.X
TBODYGYROJERK.MEAN.Y
TBODYGYROJERK.MEAN.Z
TBODYGYROJERK.STD.X
TBODYGYROJERK.STD.Y
TBODYGYROJERK.STD.Z
TBODYACCMAG.MEAN
TBODYACCMAG.STD
TGRAVITYACCMAG.MEAN
TGRAVITYACCMAG.STD
TBODYACCJERKMAG.MEAN
TBODYACCJERKMAG.STD
TBODYGYROMAG.MEAN
TBODYGYROMAG.STD
TBODYGYROJERKMAG.MEAN
TBODYGYROJERKMAG.STD
FBODYACC.MEAN.X
FBODYACC.MEAN.Y
FBODYACC.MEAN.Z
FBODYACC.STD.X
FBODYACC.STD.Y
FBODYACC.STD.Z
FBODYACC.MEANFREQ.X
FBODYACC.MEANFREQ.Y
FBODYACC.MEANFREQ.Z
FBODYACCJERK.MEAN.X
FBODYACCJERK.MEAN.Y
FBODYACCJERK.MEAN.Z
FBODYACCJERK.STD.X
FBODYACCJERK.STD.Y
FBODYACCJERK.STD.Z
FBODYACCJERK.MEANFREQ.X
FBODYACCJERK.MEANFREQ.Y
FBODYACCJERK.MEANFREQ.Z
FBODYGYRO.MEAN.X

FBODYGYRO.MEAN.Y
FBODYGYRO.MEAN.Z
FBODYGYRO.STD.X
FBODYGYRO.STD.Y
FBODYGYRO.STD.Z
FBODYGYRO.MEANFREQ.X
FBODYGYRO.MEANFREQ.Y
FBODYGYRO.MEANFREQ.Z
FBODYACCMAG.MEAN
FBODYACCMAG.STD
FBODYACCMAG.MEANFREQ
FBODYBODYACCJERKMAG.MEAN
FBODYBODYACCJERKMAG.STD
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FBODYBODYGYROMAG.MEAN
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