Note on units: the study originally captured the signal data at a constant rate of 50 Hz. The measurements were then normalized and bounded between [-1,1]

Variable	Units	Description
subjectid	NA	integer that identifies which of the 30 subjects performed the observation
activityname	NA	identifies which of the six activities were performed for the observation in lowercase text
tBodyAccMeanX	normalized value bounded between [-1,1]	Average of means for the time domain signal of body acceleration on the X axis
tBodyAccMeanY	normalized value bounded between [-1,1]	Average of means for the time domain signal of body acceleration on the Y axis
tBodyAccMeanZ	normalized value bounded between [-1,1]	Average of means for the time domain signal of body acceleration on the Z axis
tBodyAccStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body acceleration on the X axis
tBodyAccStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body acceleration on the Y axis
tBodyAccStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body acceleration on the Z axis
tGravityAccMeanX	normalized value bounded between [-1,1]	Average of means for the time domain signal of gravity acceleration on the X axis
tGravityAccMeanY	normalized value bounded between [-1,1]	Average of means for the time domain signal of gravity acceleration on the Y axis
tGravityAccMeanZ	normalized value bounded between [-1,1]	Average of means for the time domain signal of gravity acceleration on the Z axis
tGravityAccStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of gravity acceleration on the X axis
tGravityAccStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of gravity acceleration on the Y axis
tGravityAccStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of gravity acceleration on the Z axis
tBodyAccJerkMeanX	normalized value bounded between [-1,1]	Average of means for the time domain signal of body linear acceleration jerk on the X axis
tBodyAccJerkMeanY	normalized value bounded between [-1,1]	Average of means for the time domain signal of body linear acceleration jerk on the Y axis
tBodyAccJerkMeanZ	normalized value bounded between [-1,1]	Average of means for the time domain signal of body linear acceleration jerk on the Z axis
tBodyAccJerkStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body linear acceleration jerk on the X axis
tBodyAccJerkStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body linear acceleration jerk on the Y axis
tBodyAccJerkStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body linear acceleration jerk on the Z axis
tBodyGyroMeanX	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity on the X axis
tBodyGyroMeanY	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity on the Y axis
tBodyGyroMeanZ	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity on the Z axis
tBodyGyroStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity on the X axis
tBodyGyroStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity on the Y axis
tBodyGyroStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity on the Z axis
tBodyGyroJerkMeanX	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity jerk on the X axis
tBodyGyroJerkMeanY	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity jerk on the Y axis
tBodyGyroJerkMeanZ	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity jerk on the Z axis
tBodyGyroJerkStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity jerk on the X axis

Variable	Units	Description
tBodyGyroJerkStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity jerk on the Y axis
tBodyGyroJerkStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity jerk on the Z axis
tBodyAccMagMean	normalized value bounded between [-1,1]	Average of means for the time domain signal of body linear acceleration magnitude on the XYZ axis
tBodyAccMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body linear acceleration magnitude on the XYZ axis
tGravityAccMagMean	normalized value bounded between [-1,1]	Average of means for the time domain signal of gravity acceleration magnitude on the XYZ axis
tGravityAccMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of gravity acceleration magnitude on the XYZ axis
tBodyAccJerkMagMean	normalized value bounded between [-1,1]	Average of means for the time domain signal of body linear acceleration jerk magnitude on the XYZ axis
tBodyAccJerkMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body linear acceleration jerk magnitude on the XYZ axis
tBodyGyroMagMean	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity magnitude on the XYZ axis
tBodyGyroMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity magnitude on the XYZ axis
tBodyGyroJerkMagMean	normalized value bounded between [-1,1]	Average of means for the time domain signal of body angular velocity jerk magnitude on the XYZ axis
tBodyGyroJerkMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the time domain signal of body angular velocity jerk magnitude on the XYZ axis
fBodyAccMeanX	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body acceleration on the X axis
fBodyAccMeanY	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body acceleration on the Y axis
fBodyAccMeanZ	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body acceleration on the Z axis
fBodyAccStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body acceleration on the X axis
fBodyAccStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body acceleration on the Y axis
fBodyAccStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body acceleration on the Z axis
fBodyAccJerkMeanX	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body linear acceleration jerk on the X axis
fBodyAccJerkMeanY	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body linear acceleration jerk on the Y axis
fBodyAccJerkMeanZ	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body linear acceleration jerk on the Z axis
fBodyAccJerkStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body linear acceleration jerk on the X axis
fBodyAccJerkStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body linear acceleration jerk on the Y axis
fBodyAccJerkStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body linear acceleration jerk on the Z axis
fBodyGyroMeanX	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body angular velocity on the X axis
fBodyGyroMeanY	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body angular velocity on the Y axis
fBodyGyroMeanZ	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body angular velocity on the Z axis
fBodyGyroStddevX	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body angular velocity on the X axis
fBodyGyroStddevY	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body angular velocity on the Y axis
fBodyGyroStddevZ	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body angular velocity on the Z axis
fBodyAccMagMean	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body linear acceleration magnitude on the XYZ axis

Variable	Units	Description
fBodyAccMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body linear acceleration magnitude on the XYZ axis
fBodyBodyAccJerkMagMean	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body linear acceleration jerk magnitude on the XYZ axis
fBodyBodyAccJerkMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body linear acceleration jerk magnitude on the XYZ axis
fBodyBodyGyroMagMean	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body angular velocity magnitude on the XYZ axis
fBodyBodyGyroMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body angular velocity magnitude on the XYZ axis
fBodyBodyGyroJerkMagMean	normalized value bounded between [-1,1]	Average of means for the frequency domain signal of body angular velocity jerk magnitude on the XYZ axis
fBodyBodyGyroJerkMagStddev	normalized value bounded between [-1,1]	Average standard of deviations for the frequency domain signal of body angular velocity jerk magnitude on the XYZ axis