CODE BOOK

This file contains the explanation of every variables of the file "get&clean.txt", that is given by run_analysis() function.

In general all the data is a average of some fields of the original project "Human Activity Recognition Using Smartphones Dataset"

Was selected only the fields o features that the names was contained "mean" or "std". Was excludes "Mean" because that was not properly a mean, that was the filter asked.

DESCRIPTION GENERAL OF NAMES

When the name beginning with "t" means time, when beginning with "f" means frequency domain signals, that was applied to some of these signals.

"Acc" is Accelerometer or "Gyro" is Gyroscope,

The acceleration signal was separated into "Body" and "Gravity" acceleration.

"Jerks" is the Jerk signal and "Mag" will be the magnitud calculated using the Euclidean norm.

"meanFreq" is the Weighted average of the frequency components to obtain a mean frequency

And finally X, Y y Z will be the coordinates in the moment the experiment was done.

NUMBERS, NAMES AND RANGE OF VALUES OF COLUMNS

COLU MN	COLUMN NAME	RANGE OF VALUES	
1	Activity	WALKING, WALKING_UPSTAIRS, WALKING_DOWNSTAIRS, SITTING, STANDING	
2	Subject	Min. : 1.0	Max. :30.0
3	tBodyAcc_mean_X	Min. :0.2216	Max. :0.3015
4	tBodyAcc_mean_Y	Min. :-0.040514	Max. :-0.001308
5	tBodyAcc_mean_Z	Min. :-0.15251	Max. :-0.07538
6	tGravityAcc_mean_X	Min. :-0.6800	Max. : 0.9745
7	tGravityAcc_mean_Y	Min. :-0.47989	Max. : 0.95659

9 tBodyAccJerk_mean_X	8	tGravityAcc mean Z	Min. :-0.49509	Max. : 0.95787
10 tBodyAccJerk_mean_Y		·		
12 tBodyGyro_mean_X Min. :-0.20578 Max. : 0.19270 13 tBodyGyro_mean_Y Min. :-0.20421 Max. : 0.02747 14 tBodyGyro_mean_Z Min. :-0.07245 Max. : 0.17910 15 tBodyGyroJerk_mean_X Min. :-0.07681 Max. :-0.002209 16 tBodyGyroJerk_mean_Y Min. :-0.092500 Max. :-0.006941 17 tBodyGyroJerk_mean_Z Min. :-0.092500 Max. : 0.6446 19 tBodyAccMag_mean Min. :-0.9865 Max. : 0.6446 19 tBodyAccJerkMag_mean Min. :-0.9865 Max. : 0.4345 21 tBodyAccJerkMag_mean Min. :-0.9807 Max. : 0.4180 22 tBodyAccJerkMag_mean Min. :-0.99732 Max. : 0.4180 22 tBodyAcc_mean_X Min. :-0.99732 Max. : 0.5370 23 fBodyAcc_mean_Y Min. :-0.9952 Max. : 0.5370 24 fBodyAcc_mean_Y Min. :-0.9890 Max. : 0.52419 25 fBodyAcc_mean_Freq_X Min. :-0.63591 Max. : 0.15912 26 fBodyAcc_mean_Freq_X Min. :-0.63591 <t< td=""><td></td><td>, <u> </u></td><td></td><td>Max. :</td></t<>		, <u> </u>		Max. :
13 tBodyGyro_mean_Y Min. :-0.20421 Max. : 0.02747 14 tBodyGyro_mean_Z Min. :-0.07245 Max. : 0.17910 15 tBodyGyroJerk_mean_X Min. :-0.15721 Max. : -0.02209 16 tBodyGyroJerk_mean_Y Min. :-0.092500 Max. : -0.01320 17 tBodyGyroJerk_mean_Z Min. :-0.9865 Max. : 0.06446 19 tGravityAccMag_mean Min. :-0.9865 Max. : 0.6446 20 tBodyAcclerkMag_mean Min. :-0.9928 Max. : 0.4466 21 tBodyGyroMag_mean Min. :-0.9927 Max. : 0.4486 21 tBodyGyrolerkMag_mean Min. :-0.99732 Max. : 0.4875 23 fBodyAcc_mean_X Min. :-0.9952 Max. : 0.5370 24 fBodyAcc_mean_Y Min. :-0.9952 Max. : 0.52419 25 fBodyAcc_mean_Y Min. :-0.98903 Max. : 0.52419 25 fBodyAcc_mean_Y Min. :-0.98903 Max. : 0.24219 25 fBodyAcc_mean_Freq_X Min. :-0.379518 Max. : 0.15912 27 fBodyAcc_mean_Freq_X Min. :-0.52011 <	11	tBodyAccJerk_mean_Z	Min. :-0.067458	Max. : 0.038053
14 tBodyGyro_mean_Z Min. :-0.07245 Max. : 0.17910 15 tBodyGyroJerk_mean_X Min. :-0.15721 Max. :-0.02209 16 tBodyGyroJerk_mean_Y Min. :-0.07681 Max. :-0.01320 17 tBodyGyroJerk_mean_Z Min. :-0.9865 Max. :-0.06941 18 tBodyAccMag_mean Min. :-0.9865 Max. : 0.6446 19 tGravityAccMag_mean Min. :-0.9928 Max. : 0.6446 20 tBodyAccJerkMag_mean Min. :-0.9928 Max. : 0.4345 21 tBodyGyroMag_mean Min. :-0.9928 Max. : 0.4180 22 tBodyGyroJerkMag_mean Min. :-0.9927 Max. : 0.4180 22 tBodyGyroJerkMag_mean Min. :-0.9920 Max. : 0.08758 23 fBodyAcc_mean_X Min. :-0.98903 Max. : 0.52749 24 fBodyAcc_mean_Y Min. :-0.98903 Max. : 0.52419 25 fBodyAcc_mean_Freq_X Min. :-0.8995 Max. : 0.2807 26 fBodyAcc_mean_Freq_X Min. :-0.63591 Max. : 0.15912 27 fBodyAcc_mean_Freq_X Min. :-0.52011	12	tBodyGyro_mean_X	Min. :-0.20578	Max. : 0.19270
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29 fBodyAccJerk_mean_X Min. :-0.9946 Max. : 0.4743 30 fBodyAccJerk_mean_Y Min. :-0.9894 Max. : 0.2767 31 fBodyAccJerk_mean_Z Min. :-0.9920 Max. : 0.1578 32 fBodyAccJerk_meanFreq_X Min. :-0.57604 Max. : 0.33145 33 fBodyAccJerk_meanFreq_Y Min. :-0.60197 Max. : 0.19568 34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_meanFreq_X Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Y Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.12521 Max. : 0.43585 45 fBodyBodyGyroMag_meanFreq <td< td=""><td>27</td><td>fBodyAcc_meanFreq_Y</td><td>Min. :-0.379518</td><td>Max. : 0.466528</td></td<>	27	fBodyAcc_meanFreq_Y	Min. :-0.379518	Max. : 0.466528
30 fBodyAccJerk_mean_Y Min. :-0.9894 Max. : 0.2767 31 fBodyAccJerk_mean_Z Min. :-0.9920 Max. : 0.1578 32 fBodyAccJerk_meanFreq_X Min. :-0.57604 Max. : 0.33145 33 fBodyAccJerk_meanFreq_Y Min. :-0.60197 Max. : 0.19568 34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.50749 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.12521 Max. : 0.43585 43 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.48809 45 fBodyBodyGyroMag_meanFreq	28	fBodyAcc_meanFreq_Z	Min. :-0.52011	Max. : 0.40253
31 fBodyAccJerk_mean_Z Min. :-0.9920 Max. : 0.1578 32 fBodyAccJerk_meanFreq_X Min. :-0.57604 Max. : 0.33145 33 fBodyAccJerk_meanFreq_Y Min. :-0.60197 Max. : 0.19568 34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.12521 Max. : 0.43585 43 fBodyBodyGyroMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9965 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.18292 Max. : 0.42630 48 fBo	29	fBodyAccJerk_mean_X	Min. :-0.9946	Max. : 0.4743
32 fBodyAccJerk_meanFreq_X Min. :-0.57604 Max. : 0.33145 33 fBodyAccJerk_meanFreq_Y Min. :-0.60197 Max. : 0.19568 34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq	30	fBodyAccJerk_mean_Y	Min. :-0.9894	Max. : 0.2767
33 fBodyAccJerk_meanFreq_Y Min. :-0.60197 Max. : 0.19568 34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9965 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.9976 Max. : 0.40952 47 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	31	fBodyAccJerk_mean_Z	Min. :-0.9920	Max. : 0.1578
34 fBodyAccJerk_meanFreq_Z Min. :-0.62756 Max. : 0.23011 35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyGyroMag_mean Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.18292 Max. : 0.42630 48 fBodyBodyGyroJerkMag_meanFreq q Min. :-0.18292 Max. : 0.42630 <td>32</td> <td>fBodyAccJerk_meanFreq_X</td> <td>Min. :-0.57604</td> <td>Max. : 0.33145</td>	32	fBodyAccJerk_meanFreq_X	Min. :-0.57604	Max. : 0.33145
35 fBodyGyro_mean_X Min. :-0.9931 Max. : 0.4750 36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.43585 44 fBodyBodyGyroMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	33	fBodyAccJerk_meanFreq_Y	Min. :-0.60197	Max. : 0.19568
36 fBodyGyro_mean_Y Min. :-0.9940 Max. : 0.3288 37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyGyroMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	34	fBodyAccJerk_meanFreq_Z	Min. :-0.62756	Max. : 0.23011
37 fBodyGyro_mean_Z Min. :-0.9860 Max. : 0.4924 38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	35	fBodyGyro_mean_X	Min. :-0.9931	Max. : 0.4750
38 fBodyGyro_meanFreq_X Min. :-0.395770 Max. : 0.249209 39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyGycJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	36	fBodyGyro_mean_Y	Min. :-0.9940	Max. : 0.3288
39 fBodyGyro_meanFreq_Y Min. :-0.66681 Max. : 0.27314 40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyGycolerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	37	fBodyGyro_mean_Z	Min. :-0.9860	Max. : 0.4924
40 fBodyGyro_meanFreq_Z Min. :-0.50749 Max. : 0.37707 41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	38	fBodyGyro_meanFreq_X	Min. :-0.395770	Max. : 0.249209
41 fBodyAccMag_mean Min. :-0.9868 Max. : 0.5866 42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	39	fBodyGyro_meanFreq_Y	Min. :-0.66681	Max. : 0.27314
42 fBodyAccMag_meanFreq Min. :-0.31234 Max. : 0.43585 43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFreq Min. :-0.18292 Max. : 0.42630	40	fBodyGyro_meanFreq_Z	Min. :-0.50749	Max. : 0.37707
43 fBodyBodyAccJerkMag_mean Min. :-0.9940 Max. : 0.5384 44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFre q q Min. :-0.18292 Max. : 0.42630	41	fBodyAccMag_mean	Min. :-0.9868	Max. : 0.5866
44 fBodyBodyAccJerkMag_meanFreq Min. :-0.12521 Max. : 0.48809 45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFre q	42	fBodyAccMag_meanFreq	Min. :-0.31234	Max. : 0.43585
45 fBodyBodyGyroMag_mean Min. :-0.9865 Max. : 0.2040 46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFre q q Min. :-0.18292 Max. : 0.42630	43	fBodyBodyAccJerkMag_mean	Min. :-0.9940	
46 fBodyBodyGyroMag_meanFreq Min. :-0.45664 Max. : 0.40952 47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFre q q Min. :-0.18292 Max. : 0.42630	44			Max. : 0.48809
47 fBodyBodyGyroJerkMag_mean Min. :-0.9976 Max. : 0.1466 48 fBodyBodyGyroJerkMag_meanFre q Min. :-0.18292 Max. : 0.42630			Min. :-0.9865	Max. : 0.2040
48 fBodyBodyGyroJerkMag_meanFre q Min. :-0.18292 Max. : 0.42630	46		Min. :-0.45664	Max. : 0.40952
48 q Min. :-0.18292 Max. : 0.42630	47		Min. :-0.9976	Max. : 0.1466
49 tBodyAcc_std_X Min. :-0.9961 Max. : 0.6269	48	, , , , , , , , , , , , , , , , , , , ,	Min. :-0.18292	Max. : 0.42630
	49	tBodyAcc_std_X	Min. :-0.9961	Max. : 0.6269

50	tBodyAcc_std_Y	Min. :-0.99024	Max. : 0.61694
51	tBodyAcc_std_Z	Min. :-0.9877	Max. : 0.6090
52	tGravityAcc_std_X	Min. :-0.9968	Max. :-0.8296
53	tGravityAcc_std_Y	Min. :-0.9942	Max. :-0.6436
54	tGravityAcc_std_Z	Min. :-0.9910	Max. :-0.6102
55	tBodyAccJerk_std_X	Min. :-0.9946	Max. : 0.5443
56	tBodyAccJerk_std_Y	Min. :-0.9895	Max. : 0.3553
57	tBodyAccJerk_std_Z	Min. :-0.99329	Max. : 0.03102
58	tBodyGyro_std_X	Min. :-0.9943	Max. : 0.2677
59	tBodyGyro_std_Y	Min. :-0.9942	Max. : 0.4765
60	tBodyGyro_std_Z	Min. :-0.9855	Max. : 0.5649
61	tBodyGyroJerk_std_X	Min. :-0.9965	Max. : 0.1791
62	tBodyGyroJerk_std_Y	Min. :-0.9971	Max. : 0.2959
63	tBodyGyroJerk_std_Z	Min. :-0.9954	Max. : 0.1932
64	tBodyAccMag_std	Min. :-0.9865	Max. : 0.4284
65	tGravityAccMag_std	Min. :-0.9865	Max. : 0.4284
66	tBodyAccJerkMag_std	Min. :-0.9946	Max. : 0.4506
67	tBodyGyroMag_std	Min. :-0.9814	Max. : 0.3000
68	tBodyGyroJerkMag_std	Min. :-0.9977	Max. : 0.2502
69	fBodyAcc_std_X	Min. :-0.9966	Max. : 0.6585
70	fBodyAcc_std_Y	Min. :-0.99068	Max. : 0.56019
71	fBodyAcc_std_Z	Min. :-0.9872	Max. : 0.6871
72	fBodyAccJerk_std_X	Min. :-0.9951	Max. : 0.4768
73	fBodyAccJerk_std_Y	Min. :-0.9905	Max. : 0.3498
74	fBodyAccJerk_std_Z	Min. :-0.993108	Max. :-0.006236
75	fBodyGyro_std_X	Min. :-0.9947	Max. : 0.1966
76	fBodyGyro_std_Y	Min. :-0.9944	Max. : 0.6462
77	fBodyGyro_std_Z	Min. :-0.9867	Max. : 0.5225
78	fBodyAccMag_std	Min. :-0.9876	Max. : 0.1787
79	fBodyBodyAccJerkMag_std	Min. :-0.9944	Max. : 0.3163
80	fBodyBodyGyroMag_std	Min. :-0.9815	Max. : 0.2367
81	fBodyBodyGyroJerkMag_std	Min. :-0.9976	Max. : 0.2878