\_\_\_\_\_\_

Human Activity Recognition Using Smartphones Dataset

Version 1.1 - Updated 3/12/2017

\_\_\_\_\_\_

The experiments have been carried out with a group of 30 volunteers within an age bracket of 19-48 years. Each person performed six activities (WALKING, WALKING\_UPSTAIRS, WALKING\_DOWNSTAIRS, SITTING, STANDING, LAYING) wearing a smartphone (Samsung Galaxy S II) on the waist. Using its embedded accelerometer and gyroscope, we captured 3-axial linear acceleration and 3-axial angular velocity at a constant rate of 50Hz. The experiments have been video-recorded to label the data manually. The obtained dataset has been randomly partitioned into two sets, where 70% of the volunteers was selected for generating the training data and 30% the test data.

The sensor signals (accelerometer and gyroscope) were pre-processed by applying noise filters and then sampled in fixed-width sliding windows of 2.56 sec and 50% overlap (128 readings/window). The sensor acceleration signal, which has gravitational and body motion components, was separated using a Butterworth low-pass filter into body acceleration and gravity. The gravitational force is assumed to have only low frequency components, therefore a filter with 0.3 Hz cutoff frequency was used. From each window, a vector of features was obtained by calculating variables from the time and frequency domain. See 'features\_info.txt' for more details.

For each record in the final data set "FinalDataSet.txt" it is provided:

\_\_\_\_\_\_

- The subject and activity attributes on the group corresponding to the row.
- The average for each of 80 variables identified by "average\_" in the names of the columns. The mapping of variables from the original data sets to the new data set are provided below.

Variables/Features:

In the table below, the leftmost column is the previous value of the variables for each record. The rightmost is the new one it mapped to.

To get the actual name of the final variable in the "FinalDataSet.txt" file, append "average\_" to the front of all names except those that were not mapped (new variables) which do not have a value in the leftmost column. These names "activity" and "subject" which correspond to the activity type from the original activity\_labels.txt and the subject\_<dataset>.txt files respectively.

1 tBodyAcc-mean()-X	time_bodyacc_mean_x
2 tBodyAcc-mean()-Y	time_bodyacc_mean_y
3 tBodyAcc-mean()-Z	time_bodyacc_mean_z
4 tBodyAcc-std()-X	time_bodyacc_std_x
5 tBodyAcc-std()-Y	time_bodyacc_std_y
6 tBodyAcc-std()-Z	time_bodyacc_std_z
7 tBodyAcc-mad()-X	
8 tBodyAcc-mad()-Y	
9 tBodyAcc-mad()-Z	
10 tBodyAcc-max()-X	
11 tBodyAcc-max()-Y	
12 tBodyAcc-max()-Z	
13 tBodyAcc-min()-X	
14 tBodyAcc-min()-Y	
15 tBodyAcc-min()-Z	
16 tBodyAcc-sma()	
17 tBodyAcc-energy()-X	
18 tBodyAcc-energy()-Y	
19 tBodyAcc-energy()-Z	
20 tBodyAcc-iqr()-X	
21 tBodyAcc-iqr()-Y	
22 tBodyAcc-iqr()-Z	
23 tBodyAcc-entropy()-X	
24 tBodyAcc-entropy()-Y	
25 tBodyAcc-entropy()-Z	
26 tBodyAcc-arCoeff()-X,1	
27 tBodyAcc-arCoeff()-X,2	
28 tBodyAcc-arCoeff()-X,3	
29 tBodyAcc-arCoeff()-X,4	
30 tBodyAcc-arCoeff()-Y,1	
31 tBodyAcc-arCoeff()-Y,2	
32 tBodyAcc-arCoeff()-Y,3	
33 tBodyAcc-arCoeff()-Y,4	
34 tBodyAcc-arCoeff()-Z,1	
35 tBodyAcc-arCoeff()-Z,2	
36 tBodyAcc-arCoeff()-Z,3	
37 tBodyAcc-arCoeff()-Z,4	
38 tBodyAcc-correlation()-X,Y	
39 tBodyAcc-correlation()-X,Z	
40 tBodyAcc-correlation()-Y,Z	
41 tGravityAcc-mean()-X	time_gravityacc_mean_x
42 tGravityAcc-mean()-Y	time_gravityacc_mean_y
43 tGravityAcc-mean()-Z	time_gravityacc_mean_z
44 tGravityAcc-std()-X	time_gravityacc_std_x
45 tGravityAcc-std()-Y	time_gravityacc_std_y
46 tGravityAcc-std()-Z	time_gravityacc_std_z
47 tGravityAcc-mad()-X	
48 tGravityAcc-mad()-Y	
49 tGravityAcc-mad()-Z	
50 tGravityAcc-max()-X	
51 tGravityAcc-max()-Y	
52 tGravityAcc-max()-Z	
53 tGravityAcc-min()-X	
54 tGravityAcc-min()-Y	
55 tGravityAcc-min()-Z	
56 tGravityAcc-sma()	
57 tGravityAcc-energy()-X	
58 tGravityAcc-energy()-Y	

59 tGravityAcc-energy()-Z	
60 tGravityAcc-iqr()-X	
61 tGravityAcc-iqr()-Y	
62 tGravityAcc-iqr()-Z	
63 tGravityAcc-entropy()-X	
64 tGravityAcc-entropy()-Y	
65 tGravityAcc-entropy()-Z	
66 tGravityAcc-arCoeff()-X,1	
67 tGravityAcc-arCoeff()-X,2	
68 tGravityAcc-arCoeff()-X,3	
69 tGravityAcc-arCoeff()-X,4	
70 tGravityAcc-arCoeff()-Y,1	
71 tGravityAcc-arCoeff()-Y,2	
72 tGravityAcc-arCoeff()-Y,3	
73 tGravityAcc-arCoeff()-Y,4	
74 tGravityAcc-arCoeff()-Z,1	
75 tGravityAcc-arCoeff()-Z,2	
76 tGravityAcc-arCoeff()-Z,3	
77 tGravityAcc-arCoeff()-Z,4	
78 tGravityAcc-correlation()-X,Y	
79 tGravityAcc-correlation()-X,Z	
80 tGravityAcc-correlation()-Y,Z	
81 tBodyAccJerk-mean()-X	time_bodyaccjerk_mean_x
82 tBodyAccJerk-mean()-Y	time_bodyaccjerk_mean_y
83 tBodyAccJerk-mean()-Z	time_bodyaccjerk_mean_z
84 tBodyAccJerk-std()-X	time_bodyaccjerk_std_x
85 tBodyAccJerk-std()-Y	time_bodyaccjerk_std_x
• • • • • • • • • • • • • • • • • • • •	_ 1
86 tBodyAccJerk-std()-Z	time_bodyaccjerk_std_z
87 tBodyAccJerk-mad()-X	
88 tBodyAccJerk-mad()-Y	
89 tBodyAccJerk-mad()-Z	
90 tBodyAccJerk-max()-X	
91 tBodyAccJerk-max()-Y	
92 tBodyAccJerk-max()-Z	
93 tBodyAccJerk-min()-X	
94 tBodyAccJerk-min()-Y	
95 tBodyAccJerk-min()-Z	
96 tBodyAccJerk-sma()	
97 tBodyAccJerk-energy()-X	
98 tBodyAccJerk-energy()-Y	
99 tBodyAccJerk-energy()-Z	
100 tBodyAccJerk-igr()-X	
101 tBodyAccJerk-igr()-Y	
102 tBodyAccJerk-igr()-Z	
103 tBodyAccJerk-entropy()-X	
104 tBodyAccJerk-entropy()-Y	
105 tBodyAccJerk-entropy()-Z	
106 tBodyAccJerk-arCoeff()-X,1	
107 tBodyAccJerk-arCoeff()-X,2	
108 tBodyAccJerk-arCoeff()-X,3	
109 tBodyAccJerk-arCoeff()-X,4	
110 tBodyAccJerk-arCoeff()-Y,1	
111 tBodyAccJerk-arCoeff()-Y,2	
112 tBodyAccJerk-arCoeff()-Y,3	
113 tBodyAccJerk-arCoeff()-Y,4	
114 tBodyAccJerk-arCoeff()-Z,1	
115 tBodyAccJerk-arCoeff()-Z,2	
116 tBodyAccJerk-arCoeff()-Z,3	
117 tBodyAccJerk-arCoeff()-Z,4	
118 tBodyAccJerk-correlation()-X,Y	
119 tBodyAccJerk-correlation()-X,Z	
120 tBodyAccJerk-correlation()-Y,Z	
121 tBodyGyro-mean()-X	time_bodygyro_mean_x
121 tBodyGyro-mean()-Y	time_bodygyro_mean_y
123 tBodyGyro-mean()-Z	time_bodygyro_mean_z
124 tBodyGyro-std()-X	time_bodygyro_std_x time_bodygyro_std_y
125 tBodyGyro-std()-Y	

	T
126 tBodyGyro-std()-Z	time_bodygyro_std_z
127 tBodyGyro-mad()-X	
128 tBodyGyro-mad()-Y	
129 tBodyGyro-mad()-Z	
130 tBodyGyro-max()-X	
131 tBodyGyro-max()-Y	
132 tBodyGyro-max()-Z	
133 tBodyGyro-min()-X	
134 tBodyGyro-min()-Y	
135 tBodyGyro-min()-Z	
136 tBodyGyro-sma()	
137 tBodyGyro-energy()-X	
138 tBodyGyro-energy()-Y	
139 tBodyGyro-energy()-Z	
140 tBodyGyro-igr()-X	
141 tBodyGyro-iqr()-Y	
142 tBodyGyro-iqr()-Z	
143 tBodyGyro-entropy()-X	
144 tBodyGyro-entropy()-Y	
145 tBodyGyro-entropy()-Z	
146 tBodyGyro-arCoeff()-X,1	
147 tBodyGyro-arCoeff()-X,2	
148 tBodyGyro-arCoeff()-X,3	
149 tBodyGyro-arCoeff()-X,4	
150 tBodyGyro-arCoeff()-Y,1	
151 tBodyGyro-arCoeff()-Y,2	
152 tBodyGyro-arCoeff()-Y,3	
153 tBodyGyro-arCoeff()-Y,4	
154 tBodyGyro-arCoeff()-Z,1	
155 tBodyGyro-arCoeff()-Z,2	
156 tBodyGyro-arCoeff()-Z,3	
157 tBodyGyro-arCoeff()-Z,4	
158 tBodyGyro-correlation()-X,Y	
159 tBodyGyro-correlation()-X,Z	
160 tBodyGyro-correlation()-Y,Z	
161 tBodyGyroJerk-mean()-X	time_bodygyrojerk_mean_x
162 tBodyGyroJerk-mean()-Y	time_bodygyrojerk_mean_y
163 tBodyGyroJerk-mean()-Z	time_bodygyrojerk_mean_z
164 tBodyGyroJerk-std()-X	time_bodygyrojerk_std_x
165 tBodyGyroJerk-std()-Y	time_bodygyrojerk_std_y
166 tBodyGyroJerk-std()-Z	time_bodygyrojerk_std_z
167 tBodyGyroJerk-mad()-X	
168 tBodyGyroJerk-mad()-Y	
169 tBodyGyroJerk-mad()-Z	
* *	
I/U LBOQYGYPOJERK-MAX()-X	
170 tBodyGyroJerk-max()-X 171 tBodyGyroJerk-max()-Y	
171 tBodyGyroJerk-max()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma()	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-iqr()-Z 183 tBodyGyroJerk-entropy()-X	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-iqr()-Z 184 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-Y	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-iqr()-Z 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Y 185 tBodyGyroJerk-entropy()-Z	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Z 183 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-arCoeff()-X,1	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-iqr()-Z 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Y 185 tBodyGyroJerk-entropy()-Z	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Z 183 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-arCoeff()-X,1	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Z 183 tBodyGyroJerk-iqr()-Z 184 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-arCoeff()-X,1 187 tBodyGyroJerk-arCoeff()-X,2	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-iqr()-Z 184 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-entropy()-Z 187 tBodyGyroJerk-arCoeff()-X,1 187 tBodyGyroJerk-arCoeff()-X,2 188 tBodyGyroJerk-arCoeff()-X,3 189 tBodyGyroJerk-arCoeff()-X,4	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Z 183 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-entropy()-Z 186 tBodyGyroJerk-arCoeff()-X,1 187 tBodyGyroJerk-arCoeff()-X,2 188 tBodyGyroJerk-arCoeff()-X,3 189 tBodyGyroJerk-arCoeff()-X,4 190 tBodyGyroJerk-arCoeff()-Y,1	
171 tBodyGyroJerk-max()-Y 172 tBodyGyroJerk-max()-Z 173 tBodyGyroJerk-min()-X 174 tBodyGyroJerk-min()-Y 175 tBodyGyroJerk-min()-Z 176 tBodyGyroJerk-sma() 177 tBodyGyroJerk-energy()-X 178 tBodyGyroJerk-energy()-Y 179 tBodyGyroJerk-energy()-Z 180 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-X 181 tBodyGyroJerk-iqr()-Y 182 tBodyGyroJerk-iqr()-Y 183 tBodyGyroJerk-entropy()-X 184 tBodyGyroJerk-entropy()-X 185 tBodyGyroJerk-entropy()-X 186 tBodyGyroJerk-entropy()-Z 187 tBodyGyroJerk-arCoeff()-X,1 187 tBodyGyroJerk-arCoeff()-X,2 188 tBodyGyroJerk-arCoeff()-X,3 189 tBodyGyroJerk-arCoeff()-X,4	

193 tBodyGyroJerk-arCoeff()-Y,4	
194 tBodyGyroJerk-arCoeff()-Z,1	
195 tBodyGyroJerk-arCoeff()-Z,2	
196 tBodyGyroJerk-arCoeff()-Z,3	
197 tBodyGyroJerk-arCoeff()-Z,4	
198 tBodyGyroJerk-correlation()-X,Y	
199 tBodyGyroJerk-correlation()-X,Z	
200 tBodyGyroJerk-correlation()-Y,Z	
201 tBodyAccMag-mean()	time_bodyaccmag_mean
202 tBodyAccMag-std()	time_bodyaccmag_std
203 tBodyAccMag-mad()	
204 tBodyAccMag-max()	
205 tBodyAccMag-min()	
206 tBodyAccMag-sma()	
207 tBodyAccMag-energy()	
208 tBodyAccMag-iqr()	
209 tBodyAccMag-entropy()	
210 tBodyAccMag-arCoeff()1	
211 tBodyAccMag-arCoeff()2	
212 tBodyAccMag-arCoeff()3	
213 tBodyAccMag-arCoeff()4	
214 tGravityAccMag-mean()	time_gravityaccmag_mean
215 tGravityAccMag-std()	time_gravityaccmag_std
216 tGravityAccMag-mad()	
217 tGravityAccMag-max()	
218 tGravityAccMag-min()	
219 tGravityAccMag-sma()	
220 tGravityAccMag-energy()	
221 tGravityAccMag-iqr()	
222 tGravityAccMag-entropy()	
223 tGravityAccMag-arCoeff()1	
224 tGravityAccMag-arCoeff()2	
225 tGravityAccMag-arCoeff()3	
226 tGravityAccMag-arCoeff()4	
227 tBodyAccJerkMag-mean()	time_bodyaccjerkmag_mean
228 tBodyAccJerkMag-std()	time_bodyaccjerkmag_std
229 tBodyAccJerkMag-mad()	1_111_111_111_111
230 tBodyAccJerkMag-max()	
231 tBodyAccJerkMag-min()	
232 tBodyAccJerkMag-sma()	
233 tBodyAccJerkMag-energy()	
234 tBodyAccJerkMag-iqr()	
235 tBodyAccJerkMag-entropy()	
236 tBodyAccJerkMag-arCoeff()1	
237 tBodyAccJerkMag-arCoeff()2	
238 tBodyAccJerkMag-arCoeff()3	
239 tBodyAccJerkMag-arCoeff()4	
240 tBodyGyroMag-mean()	time_bodygyromag_mean
241 tBodyGyroMag-std()	time_bodygyromag_std
242 tBodyGyroMag-mad()	_ 1232 1 13_011
243 tBodyGyroMag-max()	
244 tBodyGyroMag-min()	
245 tBodyGyroMag-sma()	
246 tBodyGyroMag-energy()	
247 tBodyGyroMag-igr()	
248 tBodyGyroMag-entropy()	
249 tBodyGyroMag-arCoeff()1	
250 tBodyGyroMag-arCoeff()2	
251 tBodyGyroMag-arCoeff()3	
252 tBodyGyroMag-arCoeff()4	
253 tBodyGyroJerkMag-mean()	time_bodygyrojerkmag_mean
254 tBodyGyroJerkMag-std()	
254 tBodyGyroJerkMag-std() 255 tBodyGyroJerkMag-mad()	time_bodygyrojerkmag_std
255 tBodyGyroJerkMag-mad()	
255 tBodyGyroJerkMag-mad() 256 tBodyGyroJerkMag-max()	
255 tBodyGyroJerkMag-mad() 256 tBodyGyroJerkMag-max() 257 tBodyGyroJerkMag-min()	
255 tBodyGyroJerkMag-mad() 256 tBodyGyroJerkMag-max()	

260 tBodyGyroJerkMag-iqr()	
261 tBodyGyroJerkMag-entropy()	
262 tBodyGyroJerkMag-arCoeff()1	1
263 tBodyGyroJerkMag-arCoeff()2	
264 tBodyGyroJerkMag-arCoeff()3	
265 tBodyGyroJerkMag-arCoeff()4	
266 fBodyAcc-mean()-X	frequency_bodyacc_mean_x
267 fBodyAcc-mean()-Y	frequency_bodyacc_mean_y
- ''	
268 fBodyAcc-mean()-Z	frequency_bodyacc_mean_z
269 fBodyAcc-std()-X	frequency_bodyacc_std_x
270 fBodyAcc-std()-Y	frequency_bodyacc_std_y
271 fBodyAcc-std()-Z	frequency_bodyacc_std_z
272 fBodyAcc-mad()-X	1
273 fBodyAcc-mad()-Y	
274 fBodyAcc-mad()-Z	
275 fBodyAcc-max()-X	
276 fBodyAcc-max()-Y	
277 fBodyAcc-max()-Z	
278 fBodyAcc-min()-X	<del> </del>
279 fBodyAcc-min()-Y	
280 fBodyAcc-min()-Z	
281 fBodyAcc-sma()	
282 fBodyAcc-energy()-X	
283 fBodyAcc-energy()-Y	
284 fBodyAcc-energy()-Z	
285 fBodyAcc-iqr()-X	
286 fBodyAcc-iqr()-Y	
287 fBodyAcc-iqr()-Z	
288 fBodyAcc-entropy()-X	
289 fBodyAcc-entropy()-Y	
290 fBodyAcc-entropy()-Z	
291 fBodyAcc-maxInds-X	
292 fBodyAcc-maxInds-Y	
I 293 fRodyAcc-mayIndg-7	
293 fBodyAcc-maxInds-Z	fue men and headers at mean fuer at
294 fBodyAcc-meanFreq()-X	frequency_bodyacc_meanfreq_x
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y	frequency_bodyacc_meanfreq_x frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X	
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-skewness()-Z	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-kurtosis()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X  295 fBodyAcc-meanFreq()-Y  296 fBodyAcc-meanFreq()-Z  297 fBodyAcc-skewness()-X  298 fBodyAcc-kurtosis()-X  299 fBodyAcc-kurtosis()-Y  300 fBodyAcc-kurtosis()-Y  301 fBodyAcc-kurtosis()-Z  302 fBodyAcc-kurtosis()-Z  303 fBodyAcc-bandsEnergy()-1,8  304 fBodyAcc-bandsEnergy()-9,16	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X  295 fBodyAcc-meanFreq()-Y  296 fBodyAcc-meanFreq()-Z  297 fBodyAcc-skewness()-X  298 fBodyAcc-kurtosis()-X  299 fBodyAcc-kurtosis()-Y  300 fBodyAcc-kurtosis()-Y  301 fBodyAcc-kurtosis()-Z  302 fBodyAcc-kurtosis()-Z  303 fBodyAcc-bandsEnergy()-1,8  304 fBodyAcc-bandsEnergy()-9,16  305 fBodyAcc-bandsEnergy()-17,24	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X  295 fBodyAcc-meanFreq()-Y  296 fBodyAcc-meanFreq()-Z  297 fBodyAcc-skewness()-X  298 fBodyAcc-kurtosis()-X  299 fBodyAcc-kurtosis()-Y  300 fBodyAcc-kurtosis()-Y  301 fBodyAcc-kurtosis()-Z  302 fBodyAcc-kurtosis()-Z  303 fBodyAcc-bandsEnergy()-1,8  304 fBodyAcc-bandsEnergy()-9,16  305 fBodyAcc-bandsEnergy()-17,24  306 fBodyAcc-bandsEnergy()-25,32	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X  295 fBodyAcc-meanFreq()-Y  296 fBodyAcc-meanFreq()-Z  297 fBodyAcc-skewness()-X  298 fBodyAcc-kurtosis()-X  299 fBodyAcc-kurtosis()-Y  300 fBodyAcc-kurtosis()-Y  301 fBodyAcc-kurtosis()-Z  302 fBodyAcc-kurtosis()-Z  303 fBodyAcc-bandsEnergy()-1,8  304 fBodyAcc-bandsEnergy()-9,16  305 fBodyAcc-bandsEnergy()-17,24	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X  295 fBodyAcc-meanFreq()-Y  296 fBodyAcc-meanFreq()-Z  297 fBodyAcc-skewness()-X  298 fBodyAcc-kurtosis()-X  299 fBodyAcc-kurtosis()-Y  300 fBodyAcc-kurtosis()-Y  301 fBodyAcc-kurtosis()-Z  302 fBodyAcc-kurtosis()-Z  303 fBodyAcc-bandsEnergy()-1,8  304 fBodyAcc-bandsEnergy()-9,16  305 fBodyAcc-bandsEnergy()-17,24  306 fBodyAcc-bandsEnergy()-25,32	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,6 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,7,24 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,7,24 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-23,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-57,64	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,7,24 306 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-57,64 311 fBodyAcc-bandsEnergy()-1,16	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Y 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,24 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-57,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-17,32	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-kurtosis()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,7,24 306 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-57,64 311 fBodyAcc-bandsEnergy()-1,16	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Y 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,24 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-41,48 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-47,56 310 fBodyAcc-bandsEnergy()-57,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-17,32 313 fBodyAcc-bandsEnergy()-33,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,56 310 fBodyAcc-bandsEnergy()-57,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,32 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-49,64	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-47,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,32 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-49,64 315 fBodyAcc-bandsEnergy()-1,24	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-9,16 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,63 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-1,32 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-25,48 315 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48 317 fBodyAcc-bandsEnergy()-1,8	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-9,16 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,63 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-1,32 313 fBodyAcc-bandsEnergy()-33,48 314 fBodyAcc-bandsEnergy()-25,48 315 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48 317 fBodyAcc-bandsEnergy()-1,8	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-skewness()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-1,16 310 fBodyAcc-bandsEnergy()-17,32 311 fBodyAcc-bandsEnergy()-17,32 312 fBodyAcc-bandsEnergy()-17,32 313 fBodyAcc-bandsEnergy()-25,48 314 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-17,24	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-17,64 311 fBodyAcc-bandsEnergy()-17,32 313 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 315 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-17,24 320 fBodyAcc-bandsEnergy()-25,32	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-kurtosis()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-17,66 310 fBodyAcc-bandsEnergy()-17,66 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48 317 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-17,24 320 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-47,56 310 fBodyAcc-bandsEnergy()-17,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-25,48 314 fBodyAcc-bandsEnergy()-1,24 315 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-9,16 319 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-41,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-17,66 310 fBodyAcc-bandsEnergy()-17,66 311 fBodyAcc-bandsEnergy()-17,32 313 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 315 fBodyAcc-bandsEnergy()-1,24 316 fBodyAcc-bandsEnergy()-25,48 317 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-17,24 320 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-41,48 309 fBodyAcc-bandsEnergy()-47,56 310 fBodyAcc-bandsEnergy()-17,64 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-25,48 314 fBodyAcc-bandsEnergy()-1,24 315 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-9,16 319 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-41,48	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-9,16 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-11,16 310 fBodyAcc-bandsEnergy()-1,16 311 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-25,48 314 fBodyAcc-bandsEnergy()-25,48 315 fBodyAcc-bandsEnergy()-1,8 316 fBodyAcc-bandsEnergy()-1,8 317 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,24 320 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-41,48 323 fBodyAcc-bandsEnergy()-49,56 324 fBodyAcc-bandsEnergy()-57,64	frequency_bodyacc_meanfreq_y
294 fBodyAcc-meanFreq()-X 295 fBodyAcc-meanFreq()-Y 296 fBodyAcc-meanFreq()-Z 297 fBodyAcc-skewness()-X 298 fBodyAcc-skewness()-X 299 fBodyAcc-skewness()-Y 300 fBodyAcc-skewness()-Y 301 fBodyAcc-kurtosis()-Z 302 fBodyAcc-kurtosis()-Z 303 fBodyAcc-bandsEnergy()-1,8 304 fBodyAcc-bandsEnergy()-1,8 305 fBodyAcc-bandsEnergy()-17,24 306 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 307 fBodyAcc-bandsEnergy()-25,32 308 fBodyAcc-bandsEnergy()-25,32 309 fBodyAcc-bandsEnergy()-33,40 308 fBodyAcc-bandsEnergy()-49,56 310 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,16 312 fBodyAcc-bandsEnergy()-1,24 313 fBodyAcc-bandsEnergy()-1,24 314 fBodyAcc-bandsEnergy()-25,48 317 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-1,8 318 fBodyAcc-bandsEnergy()-17,24 320 fBodyAcc-bandsEnergy()-25,32 321 fBodyAcc-bandsEnergy()-33,40 322 fBodyAcc-bandsEnergy()-41,48 323 fBodyAcc-bandsEnergy()-41,48 323 fBodyAcc-bandsEnergy()-49,56	frequency_bodyacc_meanfreq_y

327 fBodyAcc-bandsEnergy()-33,48	
328 fBodyAcc-bandsEnergy()-49,64	
329 fBodyAcc-bandsEnergy()-1,24	
330 fBodyAcc-bandsEnergy()-25,48	
331 fBodyAcc-bandsEnergy()-1,8	
332 fBodyAcc-bandsEnergy()-9,16	
333 fBodyAcc-bandsEnergy()-17,24	
334 fBodyAcc-bandsEnergy()-25,32	
335 fBodyAcc-bandsEnergy()-33,40	
336 fBodyAcc-bandsEnergy()-41,48	
337 fBodyAcc-bandsEnergy()-49,56	
338 fBodyAcc-bandsEnergy()-57,64	
339 fBodyAcc-bandsEnergy()-1,16	
340 fBodyAcc-bandsEnergy()-17,32	
341 fBodyAcc-bandsEnergy()-33,48	
342 fBodyAcc-bandsEnergy()-49,64	
343 fBodyAcc-bandsEnergy()-1,24	
344 fBodyAcc-bandsEnergy()-25,48	
-	
345 fBodyAccJerk-mean()-X	frequency_bodyaccjerk_mean_x
346 fBodyAccJerk-mean()-Y	frequency_bodyaccjerk_mean_y
347 fBodyAccJerk-mean()-Z	frequency_bodyaccjerk_mean_z
348 fBodyAccJerk-std()-X	frequency_bodyaccjerk_std_x
349 fBodyAccJerk-std()-Y	frequency_bodyaccjerk_std_y
350 fBodyAccJerk-std()-Z	frequency_bodyaccjerk_std_z
351 fBodyAccJerk-mad()-X	
352 fBodyAccJerk-mad()-Y	
353 fBodyAccJerk-mad()-Z	
354 fBodyAccJerk-max()-X	
355 fBodyAccJerk-max()-Y	
*	
356 fBodyAccJerk-max()-Z	
357 fBodyAccJerk-min()-X	
358 fBodyAccJerk-min()-Y	
359 fBodyAccJerk-min()-Z	
360 fBodyAccJerk-sma()	
361 fBodyAccJerk-energy()-X	
362 fBodyAccJerk-energy()-Y	
363 fBodyAccJerk-energy()-Z	
364 fBodyAccJerk-igr()-X	
304 IBOdyAccoelk-Iqi()-X	
365 fBodyAccJerk-iqr()-Y	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X	frequency_bodyaccjerk_meanfreq_x
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z	frequency_bodyaccjerk_meanfreq_x frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z	
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-skewness()-Y	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-kurtosis()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-skewness()-Y 379 fBodyAccJerk-kurtosis()-Y	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Y 379 fBodyAccJerk-skewness()-Y 380 fBodyAccJerk-skewness()-Z	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-kurtosis()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-skewness()-Y 379 fBodyAccJerk-skewness()-Y	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-kurtosis()-Y 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-skewness()-Z 381 fBodyAccJerk-kurtosis()-Z	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-kurtosis()-Y 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-skewness()-Z 381 fBodyAccJerk-kurtosis()-Z 382 fBodyAccJerk-bandsEnergy()-1,8	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-weanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-kurtosis()-Y 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-skewness()-Z 381 fBodyAccJerk-kurtosis()-Z 382 fBodyAccJerk-bandsEnergy()-1,8	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-weanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-17,24	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-kurtosis()-Z 382 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-kurtosis()-Z 382 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-Y 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-kurtosis()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-skewness()-Z 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-bandsEnergy()-1,8 380 fBodyAccJerk-bandsEnergy()-1,8 381 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-kurtosis()-X 377 fBodyAccJerk-kurtosis()-X 378 fBodyAccJerk-kurtosis()-X 379 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-bandsEnergy()-1,8 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56 389 fBodyAccJerk-bandsEnergy()-57,64	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-skewness()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-1,8 384 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56 389 fBodyAccJerk-bandsEnergy()-57,64 390 fBodyAccJerk-bandsEnergy()-57,64	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Z 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-1,24 385 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56 389 fBodyAccJerk-bandsEnergy()-57,64 390 fBodyAccJerk-bandsEnergy()-57,64 391 fBodyAccJerk-bandsEnergy()-1,16	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Z 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-1,24 385 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56 389 fBodyAccJerk-bandsEnergy()-57,64 390 fBodyAccJerk-bandsEnergy()-57,64 391 fBodyAccJerk-bandsEnergy()-1,16	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-skewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-kurtosis()-Y 380 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-kurtosis()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-1,24 385 fBodyAccJerk-bandsEnergy()-17,24 385 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-49,56 389 fBodyAccJerk-bandsEnergy()-57,64 390 fBodyAccJerk-bandsEnergy()-1,16 391 fBodyAccJerk-bandsEnergy()-17,32 392 fBodyAccJerk-bandsEnergy()-33,48	frequency_bodyaccjerk_meanfreq_y
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 372 fBodyAccJerk-maxInds-Z 373 fBodyAccJerk-meanFreq()-X 374 fBodyAccJerk-meanFreq()-X 375 fBodyAccJerk-meanFreq()-Z 376 fBodyAccJerk-kewness()-X 377 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 379 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-X 378 fBodyAccJerk-skewness()-Z 380 fBodyAccJerk-skewness()-Z 381 fBodyAccJerk-bandsEnergy()-1,8 383 fBodyAccJerk-bandsEnergy()-1,24 385 fBodyAccJerk-bandsEnergy()-9,16 384 fBodyAccJerk-bandsEnergy()-25,32 386 fBodyAccJerk-bandsEnergy()-33,40 387 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-41,48 388 fBodyAccJerk-bandsEnergy()-57,64 390 fBodyAccJerk-bandsEnergy()-57,64 391 fBodyAccJerk-bandsEnergy()-1,16	frequency_bodyaccjerk_meanfreq_y

394 fBodyAccJerk-bandsEnergy()-1,24	
395 fBodyAccJerk-bandsEnergy()-25,48	
396 fBodyAccJerk-bandsEnergy()-1,8	
397 fBodyAccJerk-bandsEnergy()-9,16	
398 fBodyAccJerk-bandsEnergy()-17,24	
399 fBodyAccJerk-bandsEnergy()-25,32	
400 fBodyAccJerk-bandsEnergy()-33,40	
401 fBodyAccJerk-bandsEnergy()-41,48	
402 fBodyAccJerk-bandsEnergy()-49,56	
403 fBodyAccJerk-bandsEnergy()-57,64	
404 fBodyAccJerk-bandsEnergy()-1,16	
405 fBodyAccJerk-bandsEnergy()-17,32	
406 fBodyAccJerk-bandsEnergy()-33,48	
407 fBodyAccJerk-bandsEnergy()-49,64	
408 fBodyAccJerk-bandsEnergy()-1,24	
409 fBodyAccJerk-bandsEnergy()-25,48	
410 fBodyAccJerk-bandsEnergy()-1,8	
411 fBodyAccJerk-bandsEnergy()-9,16	
412 fBodyAccJerk-bandsEnergy()-17,24	
413 fBodyAccJerk-bandsEnergy()-25,32	
414 fBodyAccJerk-bandsEnergy()-33,40	<del> </del>
415 fBodyAccJerk-bandsEnergy()-41,48	
	<del> </del>
416 fBodyAccJerk-bandsEnergy()-49,56	
417 fBodyAccJerk-bandsEnergy()-57,64	
418 fBodyAccJerk-bandsEnergy()-1,16	
419 fBodyAccJerk-bandsEnergy()-17,32	
420 fBodyAccJerk-bandsEnergy()-33,48	
421 fBodyAccJerk-bandsEnergy()-49,64	
422 fBodyAccJerk-bandsEnergy()-1,24	
423 fBodyAccJerk-bandsEnergy()-25,48	
424 fBodyGyro-mean()-X	frequency_bodygyro_mean_x
425 fBodyGyro-mean()-Y	frequency_bodygyro_mean_y
426 fBodyGyro-mean()-Z	frequency_bodygyro_mean_z
427 fBodyGyro-std()-X	frequency_bodygyro_std_x
428 fBodyGyro-std()-Y	frequency_bodygyro_std_y
429 fBodyGyro-std()-Z	frequency_bodygyro_std_z
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y 435 fBodyGyro-max()-Z	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y 435 fBodyGyro-max()-Z 436 fBodyGyro-min()-X	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y 435 fBodyGyro-max()-Z 436 fBodyGyro-min()-X 437 fBodyGyro-min()-Y	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y 435 fBodyGyro-max()-Z 436 fBodyGyro-min()-X 437 fBodyGyro-min()-Y	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-max()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-max()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-sma()	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-max()-Z  433 fBodyGyro-max()-Y  434 fBodyGyro-max()-Y  435 fBodyGyro-min()-X  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-sma()  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Y	
429 fBodyGyro-std()-Z 430 fBodyGyro-mad()-X 431 fBodyGyro-mad()-Y 432 fBodyGyro-mad()-Z 433 fBodyGyro-max()-X 434 fBodyGyro-max()-Y 435 fBodyGyro-max()-Z 436 fBodyGyro-min()-X 437 fBodyGyro-min()-X 438 fBodyGyro-min()-Y 438 fBodyGyro-min()-Y 438 fBodyGyro-min()-Z 439 fBodyGyro-min()-Z 439 fBodyGyro-energy()-X 441 fBodyGyro-energy()-X 442 fBodyGyro-energy()-Z	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-mergy()-X  441 fBodyGyro-energy()-Y  442 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  443 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Y  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  431 fBodyGyro-min()-X  441 fBodyGyro-mergy()-X  442 fBodyGyro-mergy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Y  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  431 fBodyGyro-min()-X  441 fBodyGyro-mergy()-X  442 fBodyGyro-mergy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Z  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  431 fBodyGyro-min()-Z  442 fBodyGyro-min()-X  444 fBodyGyro-min()-Z  443 fBodyGyro-min()-Z  444 fBodyGyro-min()-Z  445 fBodyGyro-min()-Z  446 fBodyGyro-min()-Z  447 fBodyGyro-min()-Z  448 fBodyGyro-min()-Z	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-mergy()-X  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-X  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-mergy()-X  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Y  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-Z  444 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Y	
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-mergy()-X  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Y  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-Z  444 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z	frequency_bodygyro_std_z
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  451 fBodyGyro-meanFreq()-X	frequency_bodygyro_std_z
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Y  451 fBodyGyro-meanFreq()-X  453 fBodyGyro-meanFreq()-X	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  451 fBodyGyro-meanFreq()-X	frequency_bodygyro_std_z
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-entropy()-X  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-X  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  451 fBodyGyro-meanFreq()-X  453 fBodyGyro-meanFreq()-Y	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-X  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  441 fBodyGyro-energy()-X  442 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-Z  447 fBodyGyro-entropy()-Z  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Y  451 fBodyGyro-meanFreq()-X  453 fBodyGyro-meanFreq()-Z  455 fBodyGyro-skewness()-X	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-X  437 fBodyGyro-min()-Z  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  441 fBodyGyro-energy()-X  442 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-Z  447 fBodyGyro-entropy()-Z  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  451 fBodyGyro-meanFreq()-X  453 fBodyGyro-meanFreq()-Z  455 fBodyGyro-meanFreq()-Z  455 fBodyGyro-skewness()-X  456 fBodyGyro-kurtosis()-X	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-X  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-energy()-X  441 fBodyGyro-energy()-X  442 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-Z  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  452 fBodyGyro-maxInds-Z  453 fBodyGyro-meanFreq()-X  454 fBodyGyro-meanFreq()-Z  455 fBodyGyro-meanFreq()-Z  456 fBodyGyro-skewness()-X  457 fBodyGyro-skewness()-X	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-sma()  440 fBodyGyro-sma()  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-Z  448 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Y  451 fBodyGyro-maxInds-Y  452 fBodyGyro-maxInds-Z  453 fBodyGyro-manFreq()-X  454 fBodyGyro-manFreq()-Z  455 fBodyGyro-meanFreq()-Z  455 fBodyGyro-skewness()-X  457 fBodyGyro-skewness()-Y  458 fBodyGyro-kurtosis()-Y	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Y  439 fBodyGyro-sma()  440 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-energy()-Z  443 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-Z  448 fBodyGyro-entropy()-Z  449 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Y  451 fBodyGyro-maxInds-Z  452 fBodyGyro-maxInds-Z  453 fBodyGyro-maxInds-Z  454 fBodyGyro-maxInds-Z  455 fBodyGyro-maxIreq()-X  456 fBodyGyro-meanFreq()-Z  457 fBodyGyro-skewness()-X  458 fBodyGyro-skewness()-Y  458 fBodyGyro-skewness()-Z	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y
429 fBodyGyro-std()-Z  430 fBodyGyro-mad()-X  431 fBodyGyro-mad()-Y  432 fBodyGyro-mad()-Z  433 fBodyGyro-max()-X  434 fBodyGyro-max()-Y  435 fBodyGyro-max()-Z  436 fBodyGyro-min()-X  437 fBodyGyro-min()-Y  438 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  439 fBodyGyro-min()-Z  441 fBodyGyro-energy()-X  441 fBodyGyro-energy()-Z  442 fBodyGyro-iqr()-X  444 fBodyGyro-iqr()-X  445 fBodyGyro-iqr()-Z  446 fBodyGyro-entropy()-X  447 fBodyGyro-entropy()-Z  448 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-X  450 fBodyGyro-maxInds-Z  451 fBodyGyro-maxInds-Z  452 fBodyGyro-maxInds-Z  453 fBodyGyro-meanFreq()-X  454 fBodyGyro-meanFreq()-Z  455 fBodyGyro-meanFreq()-Z  455 fBodyGyro-skewness()-X  456 fBodyGyro-skewness()-X  457 fBodyGyro-skewness()-Y  458 fBodyGyro-kurtosis()-Y	frequency_bodygyro_std_z  frequency_bodygyro_meanfreq_x frequency_bodygyro_meanfreq_y

461 fBodyGyro-bandsEnergy()-1,8	
462 fBodyGyro-bandsEnergy()-9,16	
463 fBodyGyro-bandsEnergy()-17,24	
464 fBodyGyro-bandsEnergy()-25,32	
465 fBodyGyro-bandsEnergy()-33,40	
466 fBodyGyro-bandsEnergy()-41,48	
467 fBodyGyro-bandsEnergy()-49,56	
31 1 1	
468 fBodyGyro-bandsEnergy()-57,64	
469 fBodyGyro-bandsEnergy()-1,16	
470 fBodyGyro-bandsEnergy()-17,32	
471 fBodyGyro-bandsEnergy()-33,48	
472 fBodyGyro-bandsEnergy()-49,64	
473 fBodyGyro-bandsEnergy()-1,24	
474 fBodyGyro-bandsEnergy()-25,48	
475 fBodyGyro-bandsEnergy()-1,8	
476 fBodyGyro-bandsEnergy()-9,16	
477 fBodyGyro-bandsEnergy()-17,24	
478 fBodyGyro-bandsEnergy()-25,32	
479 fBodyGyro-bandsEnergy()-33,40	
480 fBodyGyro-bandsEnergy()-41,48	
481 fBodyGyro-bandsEnergy()-49,56	
11 311, ,	
482 fBodyGyro-bandsEnergy()-57,64	
483 fBodyGyro-bandsEnergy()-1,16	
484 fBodyGyro-bandsEnergy()-17,32	
485 fBodyGyro-bandsEnergy()-33,48	
486 fBodyGyro-bandsEnergy()-49,64	
487 fBodyGyro-bandsEnergy()-1,24	
488 fBodyGyro-bandsEnergy()-25,48	
489 fBodyGyro-bandsEnergy()-1,8	
490 fBodyGyro-bandsEnergy()-9,16	
491 fBodyGyro-bandsEnergy()-17,24	
492 fBodyGyro-bandsEnergy()-25,32	
493 fBodyGyro-bandsEnergy()-33,40	
494 fBodyGyro-bandsEnergy()-41,48	
495 fBodyGyro-bandsEnergy()-49,56	
496 fBodyGyro-bandsEnergy()-57,64	
497 fBodyGyro-bandsEnergy()-1,16	
498 fBodyGyro-bandsEnergy()-17,32	
499 fBodyGyro-bandsEnergy()-33,48	
500 fBodyGyro-bandsEnergy()-49,64	
501 fBodyGyro-bandsEnergy()-1,24	
502 fBodyGyro-bandsEnergy()-25,48	
503 fBodyAccMag-mean()	frequency_bodyaccmag_mean
504 fBodyAccMag-std()	frequency_bodyaccmag_std
505 fBodyAccMag-mad()	
506 fBodyAccMag-max()	
507 fBodyAccMag-min()	
508 fBodyAccMag-sma()	
509 fBodyAccMag-energy()	
510 fBodyAccMag-iqr()	
511 fBodyAccMag-entropy()	
512 fBodyAccMag-maxInds	
513 fBodyAccMag-meanFreq()	frequency_bodyaccmag_meanfreq
514 fBodyAccMag-skewness()	
515 fBodyAccMag-kurtosis()	
516 fBodyBodyAccJerkMag-mean()	frequency_bodybodyaccjerkmag_mean
517 fBodyBodyAccJerkMag-std()	frequency_bodybodyaccjerkmag_std
518 fBodyBodyAccJerkMag-mad()	
519 fBodyBodyAccJerkMag-max()	
520 fBodyBodyAccJerkMag-min()	
521 fBodyBodyAccJerkMag-sma()	
522 fBodyBodyAccJerkMag-energy()	
523 fBodyBodyAccJerkMag-igr()	
524 fBodyBodyAccJerkMag-entropy()	
525 fBodyBodyAccJerkMag-maxInds	
1 FOC 4D - 1-D - 1-3 T1-M T1/	
526 fBodyBodyAccJerkMag-meanFreq()	frequency_bodybodyaccjerkmag_meanfreq
526 IBOdyBodyAccJerkMag-meanFreq() 527 fBodyBodyAccJerkMag-skewness()	frequency_bodybodyaccjerkmag_meanfreq

500 C 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
528 fBodyBodyAccJerkMag-kurtosis()	
529 fBodyBodyGyroMag-mean()	frequency_bodybodygyromag_mean
530 fBodyBodyGyroMag-std()	frequency_bodybodygyromag_std
531 fBodyBodyGyroMag-mad()	
532 fBodyBodyGyroMag-max()	
533 fBodyBodyGyroMag-min()	
534 fBodyBodyGyroMag-sma()	
535 fBodyBodyGyroMag-energy()	
536 fBodyBodyGyroMag-iqr()	
537 fBodyBodyGyroMag-entropy()	
538 fBodyBodyGyroMag-maxInds	
539 fBodyBodyGyroMag-meanFreq()	frequency_bodybodygyromag_meanfreq
540 fBodyBodyGyroMag-skewness()	
541 fBodyBodyGyroMag-kurtosis()	
542 fBodyBodyGyroJerkMag-mean()	frequency_bodybodygyrojerkmag_mean
543 fBodyBodyGyroJerkMag-std()	frequency_bodybodygyrojerkmag_std
544 fBodyBodyGyroJerkMag-mad()	
545 fBodyBodyGyroJerkMag-max()	
546 fBodyBodyGyroJerkMag-min()	
547 fBodyBodyGyroJerkMag-sma()	
548 fBodyBodyGyroJerkMag-energy()	
549 fBodyBodyGyroJerkMag-iqr()	
550 fBodyBodyGyroJerkMag-entropy()	
551 fBodyBodyGyroJerkMag-maxInds	
552 fBodyBodyGyroJerkMag-meanFreq()	frequency_bodybodygyrojerkmag_meanfreq
553 fBodyBodyGyroJerkMag-skewness()	
554 fBodyBodyGyroJerkMag-kurtosis()	
555 angle(tBodyAccMean,gravity)	
556	
<pre>angle(tBodyAccJerkMean),gravityMean)</pre>	
557 angle(tBodyGyroMean,gravityMean)	
558	
angle(tBodyGyroJerkMean,gravityMean)	
559 angle(X,gravityMean)	
560 angle(Y,gravityMean)	
561 angle(Z,gravityMean)	
	activity
	subject

## License:

## =======

Use of this dataset in publications must be acknowledged by referencing the following publication [1]

[1] Davide Anguita, Alessandro Ghio, Luca Oneto, Xavier Parra and Jorge L. Reyes-Ortiz. Human Activity Recognition on Smartphones using a Multiclass Hardware-Friendly Support Vector Machine. International Workshop of Ambient Assisted Living (IWAAL 2012). Vitoria-Gasteiz, Spain. Dec 2012

This dataset is distributed AS-IS and no responsibility implied or explicit can be addressed to the authors or their institutions for its use or misuse. Any commercial use is prohibited.

Jorge L. Reyes-Ortiz, Alessandro Ghio, Luca Oneto, Davide Anguita. November 2012.