Features (old)

Key	Value	New Variable Name
	1 tBodyAcc-mean()-X	BodyAccelerationMeanX
	2 tBodyAcc-mean()-Y	BodyAccelerationMeanY
	3 tBodyAcc-mean()-Z	BodyAccelerationMeanZ
	4 tBodyAcc-std()-X	BodyAccelerationStdDevX
	5 tBodyAcc-std()-Y	BodyAccelerationStdDevY
	6 tBodyAcc-std()-Z	BodyAccelerationStdDevZ
	7 tBodyAcc-mad()-X	BodyAccelerationMedianX
	8 tBodyAcc-mad()-Y	BodyAccelerationMedianY
	9 tBodyAcc-mad()-Z	BodyAccelerationMedianZ
	10 tBodyAcc-max()-X	BodyAccelerationMaxX
	11 tBodyAcc-max()-Y	BodyAccelerationMaxY
	12 tBodyAcc-max()-Z	BodyAccelerationMaxZ
	13 tBodyAcc-min()-X	BodyAccelerationMinX
	14 tBodyAcc-min()-Y	BodyAccelerationMinY
	15 tBodyAcc-min()-Z	BodyAccelerationMinZ
	16 tBodyAcc-sma()	BodyAccelerationMagnitude
	17 tBodyAcc-energy()-X	BodyAccelerationEnergyX
	18 tBodyAcc-energy()-Y	BodyAccelerationEnergyY
	19 tBodyAcc-energy()-Z	BodyAccelerationEnergyZ
	20 tBodyAcc-iqr()-X	BodyAccelerationInterQuartileRangeX
	21 tBodyAcc-iqr()-Y	BodyAccelerationInterQuartileRangeY
	22 tBodyAcc-iqr()-Z	BodyAccelerationInterQuartileRangeZ
	23 tBodyAcc-entropy()-X	BodyAccelerationDeclineX
	24 tBodyAcc-entropy()-Y	BodyAccelerationDeclineY
	25 tBodyAcc-entropy()-Z	BodyAccelerationDeclineZ
	26 tBodyAcc-arCoeff()-X,1	BodyAccelerationCoeffX,1
	27 tBodyAcc-arCoeff()-X,2	BodyAccelerationCoeffX,2
	28 tBodyAcc-arCoeff()-X,3	BodyAccelerationCoeffX,3
	29 tBodyAcc-arCoeff()-X,4	BodyAccelerationCoeffX,4
	30 tBodyAcc-arCoeff()-Y,1	BodyAccelerationCoeffY,1
	31 tBodyAcc-arCoeff()-Y,2	BodyAccelerationCoeffY,2
	32 tBodyAcc-arCoeff()-Y,3	BodyAccelerationCoeffY,3

33	tBodyAcc-arCoeff()-Y,4	BodyAccelerationCoeffY,4
	tBodyAcc-arCoeff()-Z,1	BodyAccelerationCoeffZ,1
	tBodyAcc-arCoeff()-Z,2	BodyAccelerationCoeffZ,2
	tBodyAcc-arCoeff()-Z,3	BodyAccelerationCoeffZ,3
	tBodyAcc-arCoeff()-Z,4	BodyAccelerationCoeffZ,4
	tBodyAcc-correlation()-X,Y	BodyAccelerationCorrX,Y
	tBodyAcc-correlation()-X,Z	BodyAccelerationCorrX,Z
	tBodyAcc-correlation()-Y,Z	BodyAccelerationCorrY,Z
	tGravityAcc-mean()-X	GravitationalPullMeanX
	tGravityAcc-mean()-Y	GravitationalPullMeanY
	tGravityAcc-mean()-Z	GravitationalPullMeanZ
44	tGravityAcc-std()-X	GravitationalPullStdDevX
45	tGravityAcc-std()-Y	GravitationalPullStdDevY
46	tGravityAcc-std()-Z	GravitationalPullStdDevZ
47	tGravityAcc-mad()-X	GravitationalPullMedianX
48	tGravityAcc-mad()-Y	GravitationalPullMedianY
49	tGravityAcc-mad()-Z	GravitationalPullMedianZ
50	tGravityAcc-max()-X	GravitationalPullMaxX
51	tGravityAcc-max()-Y	GravitationalPullMaxY
52	tGravityAcc-max()-Z	GravitationalPullMaxZ
	tGravityAcc-min()-X	GravitationalPullMinX
54	tGravityAcc-min()-Y	GravitationalPullMinY
55	tGravityAcc-min()-Z	GravitationalPullMinZ
56	tGravityAcc-sma()	GravitationalPullMagnitude
	tGravityAcc-energy()-X	GravitationalPullEnergyX
58	tGravityAcc-energy()-Y	GravitationalPullEnergyY
	tGravityAcc-energy()-Z	GravitationalPullEnergyZ
	tGravityAcc-iqr()-X	GravitationalPullInterQuartileRangeX
	tGravityAcc-iqr()-Y	GravitationalPullInterQuartileRangeY
	tGravityAcc-iqr()-Z	GravitationalPullInterQuartileRangeZ
	tGravityAcc-entropy()-X	GravitationalPullDeclineX
	tGravityAcc-entropy()-Y	GravitationalPullDeclineY
	tGravityAcc-entropy()-Z	GravitationalPullDeclineZ
66	tGravityAcc-arCoeff()-X,1	GravitationalPullCoeffX,1

67	tGravityAcc arCooff() V 2	Gravitational Bull Cooffy 2
	•	GravitationalPullCoeffX,2
<u> </u>	tGravityAcc-arCoeff()-X,3	GravitationalPullCoeffX,3
-	tGravityAcc-arCoeff()-X,4	GravitationalPullCoeffX,4
	tGravityAcc-arCoeff()-Y,1	GravitationalPullCoeffY,1
	tGravityAcc-arCoeff()-Y,2	GravitationalPullCoeffY,2
	tGravityAcc-arCoeff()-Y,3	GravitationalPullCoeffY,3
	tGravityAcc-arCoeff()-Y,4	GravitationalPullCoeffY,4
	tGravityAcc-arCoeff()-Z,1	GravitationalPullCoeffZ,1
75 ·	tGravityAcc-arCoeff()-Z,2	GravitationalPullCoeffZ,2
76	tGravityAcc-arCoeff()-Z,3	GravitationalPullCoeffZ,3
77	tGravityAcc-arCoeff()-Z,4	GravitationalPullCoeffZ,4
78	tGravityAcc-correlation()-X,Y	GravitationalPullCorrX,Y
79 ·	tGravityAcc-correlation()-X,Z	GravitationalPullCorrX,Z
80	tGravityAcc-correlation()-Y,Z	GravitationalPullCorrY,Z
81	tBodyAccJerk-mean()-X	BodyAccelerationJerkMeanX
82	tBodyAccJerk-mean()-Y	BodyAccelerationJerkMeanY
83	tBodyAccJerk-mean()-Z	BodyAccelerationJerkMeanZ
84	tBodyAccJerk-std()-X	BodyAccelerationJerkStdDevX
85 ·	tBodyAccJerk-std()-Y	BodyAccelerationJerkStdDevY
86	tBodyAccJerk-std()-Z	BodyAccelerationJerkStdDevZ
87 ·	tBodyAccJerk-mad()-X	BodyAccelerationJerkMedianX
88	tBodyAccJerk-mad()-Y	BodyAccelerationJerkMedianY
89	tBodyAccJerk-mad()-Z	BodyAccelerationJerkMedianZ
90	tBodyAccJerk-max()-X	BodyAccelerationJerkMaxX
91	tBodyAccJerk-max()-Y	BodyAccelerationJerkMaxY
92	tBodyAccJerk-max()-Z	BodyAccelerationJerkMaxZ
93	tBodyAccJerk-min()-X	BodyAccelerationJerkMinX
94	tBodyAccJerk-min()-Y	BodyAccelerationJerkMinY
95	tBodyAccJerk-min()-Z	BodyAccelerationJerkMinZ
96	tBodyAccJerk-sma()	BodyAccelerationJerkMagnitude
97	tBodyAccJerk-energy()-X	BodyAccelerationJerkEnergyX
	tBodyAccJerk-energy()-Y	BodyAccelerationJerkEnergyY
	tBodyAccJerk-energy()-Z	BodyAccelerationJerkEnergyZ
	tBodyAccJerk-iqr()-X	BodyAccelerationJerkInterQuartileRangeX

101	tBodyAccJerk-iqr()-Y	BodyAccelerationJerkInterQuartileRangeY
102	tBodyAccJerk-iqr()-Z	BodyAccelerationJerkInterQuartileRangeZ
103	tBodyAccJerk-entropy()-X	BodyAccelerationJerkDeclineX
104	tBodyAccJerk-entropy()-Y	BodyAccelerationJerkDeclineY
105	tBodyAccJerk-entropy()-Z	BodyAccelerationJerkDeclineZ
106	tBodyAccJerk-arCoeff()-X,1	BodyAccelerationJerkCoeffX,1
107	tBodyAccJerk-arCoeff()-X,2	BodyAccelerationJerkCoeffX,2
108	tBodyAccJerk-arCoeff()-X,3	BodyAccelerationJerkCoeffX,3
109	tBodyAccJerk-arCoeff()-X,4	BodyAccelerationJerkCoeffX,4
110	tBodyAccJerk-arCoeff()-Y,1	BodyAccelerationJerkCoeffY,1
111	tBodyAccJerk-arCoeff()-Y,2	BodyAccelerationJerkCoeffY,2
112	tBodyAccJerk-arCoeff()-Y,3	BodyAccelerationJerkCoeffY,3
113	tBodyAccJerk-arCoeff()-Y,4	BodyAccelerationJerkCoeffY,4
114	tBodyAccJerk-arCoeff()-Z,1	BodyAccelerationJerkCoeffZ,1
115	tBodyAccJerk-arCoeff()-Z,2	BodyAccelerationJerkCoeffZ,2
116	tBodyAccJerk-arCoeff()-Z,3	BodyAccelerationJerkCoeffZ,3
117	tBodyAccJerk-arCoeff()-Z,4	BodyAccelerationJerkCoeffZ,4
118	tBodyAccJerk-correlation()-X,Y	BodyAccelerationJerkCorrX,Y
119	tBodyAccJerk-correlation()-X,Z	BodyAccelerationJerkCorrX,Z
120	tBodyAccJerk-correlation()-Y,Z	BodyAccelerationJerkCorrY,Z
	tBodyGyro-mean()-X	BodyRotationalMeanX
122	tBodyGyro-mean()-Y	BodyRotationalMeanY
123	tBodyGyro-mean()-Z	BodyRotationalMeanZ
124	tBodyGyro-std()-X	BodyRotationalStdDevX
	tBodyGyro-std()-Y	BodyRotationalStdDevY
126	tBodyGyro-std()-Z	BodyRotationalStdDevZ
	tBodyGyro-mad()-X	BodyRotationalMedianX
128	tBodyGyro-mad()-Y	BodyRotationalMedianY
	tBodyGyro-mad()-Z	BodyRotationalMedianZ
130	tBodyGyro-max()-X	BodyRotationalMaxX
	tBodyGyro-max()-Y	BodyRotationalMaxY
	tBodyGyro-max()-Z	BodyRotationalMaxZ
	tBodyGyro-min()-X	BodyRotationalMinX
134	tBodyGyro-min()-Y	BodyRotationalMinY

135	tBodyGyro-min()-Z	BodyRotationalMinZ
136	tBodyGyro-sma()	BodyRotationalMagnitude
137	tBodyGyro-energy()-X	BodyRotationalEnergyX
138	tBodyGyro-energy()-Y	BodyRotationalEnergyY
139	tBodyGyro-energy()-Z	BodyRotationalEnergyZ
140	tBodyGyro-iqr()-X	BodyRotationalInterQuartileRangeX
141	tBodyGyro-iqr()-Y	BodyRotationalInterQuartileRangeY
142	tBodyGyro-iqr()-Z	BodyRotationalInterQuartileRangeZ
143	tBodyGyro-entropy()-X	BodyRotationalDeclineX
144	tBodyGyro-entropy()-Y	BodyRotationalDeclineY
145	tBodyGyro-entropy()-Z	BodyRotationalDeclineZ
146	tBodyGyro-arCoeff()-X,1	BodyRotationalCoeffX,1
147	tBodyGyro-arCoeff()-X,2	BodyRotationalCoeffX,2
148	tBodyGyro-arCoeff()-X,3	BodyRotationalCoeffX,3
149	tBodyGyro-arCoeff()-X,4	BodyRotationalCoeffX,4
150	tBodyGyro-arCoeff()-Y,1	BodyRotationalCoeffY,1
151	tBodyGyro-arCoeff()-Y,2	BodyRotationalCoeffY,2
152	tBodyGyro-arCoeff()-Y,3	BodyRotationalCoeffY,3
153	tBodyGyro-arCoeff()-Y,4	BodyRotationalCoeffY,4
154	tBodyGyro-arCoeff()-Z,1	BodyRotationalCoeffZ,1
155	tBodyGyro-arCoeff()-Z,2	BodyRotationalCoeffZ,2
156	tBodyGyro-arCoeff()-Z,3	BodyRotationalCoeffZ,3
157	tBodyGyro-arCoeff()-Z,4	BodyRotationalCoeffZ,4
158	tBodyGyro-correlation()-X,Y	BodyRotationalCorrX,Y
159	tBodyGyro-correlation()-X,Z	BodyRotationalCorrX,Z
160	tBodyGyro-correlation()-Y,Z	BodyRotationalCorrY,Z
161	tBodyGyroJerk-mean()-X	BodyRotationalJerkMeanX
162	tBodyGyroJerk-mean()-Y	BodyRotationalJerkMeanY
163	tBodyGyroJerk-mean()-Z	BodyRotationalJerkMeanZ
164	tBodyGyroJerk-std()-X	BodyRotationalJerkStdDevX
	tBodyGyroJerk-std()-Y	BodyRotationalJerkStdDevY
166	tBodyGyroJerk-std()-Z	BodyRotationalJerkStdDevZ
167	tBodyGyroJerk-mad()-X	BodyRotationalJerkMedianX
168	tBodyGyroJerk-mad()-Y	BodyRotationalJerkMedianY

169	tBodyGyroJerk-mad()-Z	BodyRotationalJerkMedianZ
170	tBodyGyroJerk-max()-X	BodyRotationalJerkMaxX
171	tBodyGyroJerk-max()-Y	BodyRotationalJerkMaxY
172	tBodyGyroJerk-max()-Z	BodyRotationalJerkMaxZ
173	tBodyGyroJerk-min()-X	BodyRotationalJerkMinX
174	tBodyGyroJerk-min()-Y	BodyRotationalJerkMinY
175	tBodyGyroJerk-min()-Z	BodyRotationalJerkMinZ
176	tBodyGyroJerk-sma()	BodyRotationalJerkMagnitude
177	tBodyGyroJerk-energy()-X	BodyRotationalJerkEnergyX
178	tBodyGyroJerk-energy()-Y	BodyRotationalJerkEnergyY
179	tBodyGyroJerk-energy()-Z	BodyRotationalJerkEnergyZ
180	tBodyGyroJerk-iqr()-X	BodyRotationalJerkInterQuartileRangeX
181	tBodyGyroJerk-iqr()-Y	BodyRotationalJerkInterQuartileRangeY
182	tBodyGyroJerk-iqr()-Z	BodyRotationalJerkInterQuartileRangeZ
183	tBodyGyroJerk-entropy()-X	BodyRotationalJerkDeclineX
184	tBodyGyroJerk-entropy()-Y	BodyRotationalJerkDeclineY
185	tBodyGyroJerk-entropy()-Z	BodyRotationalJerkDeclineZ
186	tBodyGyroJerk-arCoeff()-X,1	BodyRotationalJerkCoeffX,1
187	tBodyGyroJerk-arCoeff()-X,2	BodyRotationalJerkCoeffX,2
188	tBodyGyroJerk-arCoeff()-X,3	BodyRotationalJerkCoeffX,3
189	tBodyGyroJerk-arCoeff()-X,4	BodyRotationalJerkCoeffX,4
190	tBodyGyroJerk-arCoeff()-Y,1	BodyRotationalJerkCoeffY,1
191	tBodyGyroJerk-arCoeff()-Y,2	BodyRotationalJerkCoeffY,2
192	tBodyGyroJerk-arCoeff()-Y,3	BodyRotationalJerkCoeffY,3
193	tBodyGyroJerk-arCoeff()-Y,4	BodyRotationalJerkCoeffY,4
194	tBodyGyroJerk-arCoeff()-Z,1	BodyRotationalJerkCoeffZ,1
	tBodyGyroJerk-arCoeff()-Z,2	BodyRotationalJerkCoeffZ,2
196	tBodyGyroJerk-arCoeff()-Z,3	BodyRotationalJerkCoeffZ,3
	tBodyGyroJerk-arCoeff()-Z,4	BodyRotationalJerkCoeffZ,4
198	tBodyGyroJerk-correlation()-X,Y	BodyRotationalJerkCorrX,Y
199	tBodyGyroJerk-correlation()-X,Z	BodyRotationalJerkCorrX,Z
200	tBodyGyroJerk-correlation()-Y,Z	BodyRotationalJerkCorrY,Z
	tBodyAccMag-mean()	BodyAccelerationMagnitudeMean
202	tBodyAccMag-std()	BodyAccelerationMagnitudeStdDev

203	tBodyAccMag-mad()	BodyAccelerationMagnitudeMedian
	tBodyAccMag-max()	BodyAccelerationMagnitudeMax
	tBodyAccMag-min()	BodyAccelerationMagnitudeMin
206	tBodyAccMag-sma()	BodyAccelerationMagnitudeMagnitude
207	tBodyAccMag-energy()	BodyAccelerationMagnitudeEnergy
208	tBodyAccMag-iqr()	BodyAccelerationMagnitudeInterQuartileRange
209	tBodyAccMag-entropy()	BodyAccelerationMagnitudeDecline
210	tBodyAccMag-arCoeff()1	BodyAccelerationMagnitudeCoeff1
211	tBodyAccMag-arCoeff()2	BodyAccelerationMagnitudeCoeff2
212	tBodyAccMag-arCoeff()3	BodyAccelerationMagnitudeCoeff3
213	tBodyAccMag-arCoeff()4	BodyAccelerationMagnitudeCoeff4
214	tGravityAccMag-mean()	GravitationalPullMagnitudeMean
215	tGravityAccMag-std()	GravitationalPullMagnitudeStdDev
216	tGravityAccMag-mad()	GravitationalPullMagnitudeMedian
217	tGravityAccMag-max()	GravitationalPullMagnitudeMax
218	tGravityAccMag-min()	GravitationalPullMagnitudeMin
219	tGravityAccMag-sma()	GravitationalPullMagnitudeMagnitude
220	tGravityAccMag-energy()	GravitationalPullMagnitudeEnergy
221	tGravityAccMag-iqr()	GravitationalPullMagnitudeInterQuartileRange
222	tGravityAccMag-entropy()	GravitationalPullMagnitudeDecline
223	tGravityAccMag-arCoeff()1	GravitationalPullMagnitudeCoeff1
224	tGravityAccMag-arCoeff()2	GravitationalPullMagnitudeCoeff2
225	tGravityAccMag-arCoeff()3	GravitationalPullMagnitudeCoeff3
226	tGravityAccMag-arCoeff()4	GravitationalPullMagnitudeCoeff4
227	tBodyAccJerkMag-mean()	BodyAccelerationJerkMagnitudeMean
228	tBodyAccJerkMag-std()	BodyAccelerationJerkMagnitudeStdDev
229	tBodyAccJerkMag-mad()	BodyAccelerationJerkMagnitudeMedian
230	tBodyAccJerkMag-max()	BodyAccelerationJerkMagnitudeMax
	tBodyAccJerkMag-min()	BodyAccelerationJerkMagnitudeMin
232	tBodyAccJerkMag-sma()	BodyAccelerationJerkMagnitudeMagnitude
	tBodyAccJerkMag-energy()	BodyAccelerationJerkMagnitudeEnergy
	tBodyAccJerkMag-iqr()	BodyAccelerationJerkMagnitudeInterQuartileRange
	tBodyAccJerkMag-entropy()	BodyAccelerationJerkMagnitudeDecline
236	tBodyAccJerkMag-arCoeff()1	BodyAccelerationJerkMagnitudeCoeff1

237	tBodyAccJerkMag-arCoeff()2	BodyAccelerationJerkMagnitudeCoeff2
	tBodyAccJerkMag-arCoeff()3	BodyAccelerationJerkMagnitudeCoeff3
	tBodyAccJerkMag-arCoeff()4	BodyAccelerationJerkMagnitudeCoeff4
240	tBodyGyroMag-mean()	BodyRotationalMagnitudeMean
241	tBodyGyroMag-std()	BodyRotationalMagnitudeStdDev
242	tBodyGyroMag-mad()	BodyRotationalMagnitudeMedian
243	tBodyGyroMag-max()	BodyRotationalMagnitudeMax
244	tBodyGyroMag-min()	BodyRotationalMagnitudeMin
245	tBodyGyroMag-sma()	BodyRotationalMagnitudeMagnitude
246	tBodyGyroMag-energy()	BodyRotationalMagnitudeEnergy
247	tBodyGyroMag-iqr()	BodyRotationalMagnitudeInterQuartileRange
248	tBodyGyroMag-entropy()	BodyRotationalMagnitudeDecline
249	tBodyGyroMag-arCoeff()1	BodyRotationalMagnitudeCoeff1
250	tBodyGyroMag-arCoeff()2	BodyRotationalMagnitudeCoeff2
251	tBodyGyroMag-arCoeff()3	BodyRotationalMagnitudeCoeff3
252	tBodyGyroMag-arCoeff()4	BodyRotationalMagnitudeCoeff4
253	tBodyGyroJerkMag-mean()	BodyRotationalJerkMagnitudeMean
254	tBodyGyroJerkMag-std()	BodyRotationalJerkMagnitudeStdDev
255	tBodyGyroJerkMag-mad()	BodyRotationalJerkMagnitudeMedian
256	tBodyGyroJerkMag-max()	BodyRotationalJerkMagnitudeMax
257	tBodyGyroJerkMag-min()	BodyRotationalJerkMagnitudeMin
258	tBodyGyroJerkMag-sma()	BodyRotationalJerkMagnitudeMagnitude
259	tBodyGyroJerkMag-energy()	BodyRotationalJerkMagnitudeEnergy
260	tBodyGyroJerkMag-iqr()	BodyRotationalJerkMagnitudeInterQuartileRange
261	tBodyGyroJerkMag-entropy()	BodyRotationalJerkMagnitudeDecline
	tBodyGyroJerkMag-arCoeff()1	BodyRotationalJerkMagnitudeCoeff1
	tBodyGyroJerkMag-arCoeff()2	BodyRotationalJerkMagnitudeCoeff2
	tBodyGyroJerkMag-arCoeff()3	BodyRotationalJerkMagnitudeCoeff3
	tBodyGyroJerkMag-arCoeff()4	BodyRotationalJerkMagnitudeCoeff4
266	fBodyAcc-mean()-X	BodyAccelerationMeanX
	fBodyAcc-mean()-Y	BodyAccelerationMeanY
	fBodyAcc-mean()-Z	BodyAccelerationMeanZ
	fBodyAcc-std()-X	BodyAccelerationStdDevX
270	fBodyAcc-std()-Y	BodyAccelerationStdDevY

271	fBodyAcc-std()-Z	BodyAccelerationStdDevZ
272	fBodyAcc-mad()-X	BodyAccelerationMedianX
273	fBodyAcc-mad()-Y	BodyAccelerationMedianY
274	fBodyAcc-mad()-Z	BodyAccelerationMedianZ
275	fBodyAcc-max()-X	BodyAccelerationMaxX
276	fBodyAcc-max()-Y	BodyAccelerationMaxY
277	fBodyAcc-max()-Z	BodyAccelerationMaxZ
278	fBodyAcc-min()-X	BodyAccelerationMinX
279	fBodyAcc-min()-Y	BodyAccelerationMinY
280	fBodyAcc-min()-Z	BodyAccelerationMinZ
281	fBodyAcc-sma()	BodyAccelerationMagnitude
282	fBodyAcc-energy()-X	BodyAccelerationEnergyX
283	fBodyAcc-energy()-Y	BodyAccelerationEnergyY
284	fBodyAcc-energy()-Z	BodyAccelerationEnergyZ
285	fBodyAcc-iqr()-X	BodyAccelerationInterQuartileRangeX
286	fBodyAcc-iqr()-Y	BodyAccelerationInterQuartileRangeY
287	fBodyAcc-iqr()-Z	BodyAccelerationInterQuartileRangeZ
288	fBodyAcc-entropy()-X	BodyAccelerationDeclineX
289	fBodyAcc-entropy()-Y	BodyAccelerationDeclineY
290	fBodyAcc-entropy()-Z	BodyAccelerationDeclineZ
291	fBodyAcc-maxInds-X	BodyAccelerationMaxMagnitudeX
292	fBodyAcc-maxInds-Y	BodyAccelerationMaxMagnitudeY
293	fBodyAcc-maxInds-Z	BodyAccelerationMaxMagnitudeZ
	fBodyAcc-meanFreq()-X	BodyAccelerationMeanFreqX
295	fBodyAcc-meanFreq()-Y	BodyAccelerationMeanFreqY
	fBodyAcc-meanFreq()-Z	BodyAccelerationMeanFreqZ
297	fBodyAcc-skewness()-X	BodyAccelerationskewnessX
298	fBodyAcc-kurtosis()-X	BodyAccelerationkurtosisX
	fBodyAcc-skewness()-Y	BodyAccelerationskewnessY
	fBodyAcc-kurtosis()-Y	BodyAccelerationkurtosisY
	fBodyAcc-skewness()-Z	BodyAccelerationskewnessZ
	fBodyAcc-kurtosis()-Z	BodyAccelerationkurtosisZ
	fBodyAcc-bandsEnergy()-1,8	BodyAccelerationEnergyInRange1,8
304	fBodyAcc-bandsEnergy()-9,16	BodyAccelerationEnergyInRange9,16

305 [BodyAcc-bandsEnergy[]-17,24 BodyAccelerationEnergyInRange27,24 306 [BodyAcc-bandsEnergy[]-25,32 BodyAccelerationEnergyInRange25,32 307 [BodyAcc-bandsEnergy[]-33,40 BodyAccelerationEnergyInRange25,32 307 [BodyAcc-bandsEnergy[]-33,40 BodyAccelerationEnergyInRange3,40 308 [BodyAcc-bandsEnergy[]-49,56 BodyAccelerationEnergyInRange41,48 309 [BodyAcc-bandsEnergy[]-49,56 BodyAccelerationEnergyInRange4],56 310 [BodyAcc-bandsEnergy[]-1,16 BodyAccelerationEnergyInRange57,64 311 [BodyAcc-bandsEnergy[]-1,16 BodyAccelerationEnergyInRange1,16 312 [BodyAcc-bandsEnergy[]-17,32 BodyAccelerationEnergyInRange17,32 313 [BodyAcc-bandsEnergy[]-33,48 BodyAccelerationEnergyInRange17,32 313 [BodyAcc-bandsEnergy[]-3,46 BodyAccelerationEnergyInRange3,48 314 [BodyAcc-bandsEnergy[]-49,64 BodyAccelerationEnergyInRange3,48 315 [BodyAcc-bandsEnergy[]-1,124 BodyAccelerationEnergyInRange4,64 315 [BodyAcc-bandsEnergy[]-1,24 BodyAccelerationEnergyInRange25,48 317 [BodyAcc-bandsEnergy[]-1,2,4 BodyAccelerationEnergyInRange25,48 317 [BodyAcc-bandsEnergy[]-1,2,4 DirectionalChangeZRelativeToGravityMean 318 [BodyAcc-bandsEnergy[]-1,2,4 DirectionalChangeZRelativeToGravityMean 319 [BodyAcc-bandsEnergy[]-3,3 DirectionalChangeZRelativeToGravityMean 320 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 321 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 322 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 324 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 325 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 326 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 327 [BodyAcc-bandsEnergy[]-3,3,40 DirectionalChangeZRelativeToGravityMean 329 [BodyAcc-bandsEnergy[]-3,40 DirectionalChangeZRelativeToGravityMean 329 [BodyAcc-bandsEnergy[]-3,40 DirectionalChangeZRelativeToGravityMean 329 [BodyAcc-bandsEnergy[]-3,50 DirectionalChangeZRelativeToGravityMean 339 [BodyAcc-bandsEnergy[]-3,50 DirectionalChangeZRelativeToGravityMean 331 [BodyAcc			
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### BodyAccelerationJerkMinX ### BodyAccelerationJerkMinX ### BodyAccelerationJerkMinX ### BodyAccelerationJerkMinY ### BodyAccelerationJerkMinZ ### BodyAccelerationJerkMinZ ### BodyAccelerationJerkMagnitude ### BodyAccelerationJerkEnergyX ### BodyAccelerationJerkEnergyX ### BodyAccelerationJerkEnergyX ### BodyAccelerationJerkEnergyY ### BodyAccelerationJerkEnergyZ ### BodyAccelerationJerkInterQuartileRangeX ### BodyAccelerationJerkInterQuartileRangeX ### BodyAccelerationJerkInterQuartileRangeY ### BodyAccelerationJerkInterQuartileRangeY ### BodyAccelerationJerkInterQuartileRangeY ### BodyAccelerationJerkInterQuartileRangeZ ### BodyAccelerationJerkInterQuartileRangeZ ### BodyAccelerationJerkInterQuartileRangeZ ### BodyAccelerationJerkInterQuartileRangeZ ### BodyAccelerationJerkDeclineX ### BodyAccelerationJerkDeclineY ### BodyAccelerationJerkDeclineZ ### BodyAccelerationJerkMaxMagnitudeX ### BodyAccelerationJerkMaxMagnitudeX ### BodyAccelerationJerkMaxMagnitudeY ### BodyAccelerationJerkMaxMagnitudeY ### BodyAccelerationJerkMaxMagnitudeY	355	fBodyAccJerk-max()-Y	BodyAccelerationJerkMaxY
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359 fBodyAccJerk-min()-Z BodyAccelerationJerkMinZ BodyAccelerationJerkMagnitude 361 fBodyAccJerk-energy()-X BodyAccelerationJerkEnergyX BodyAccelerationJerkEnergyY BodyAccelerationJerkEnergyY BodyAccelerationJerkEnergyY BodyAccelerationJerkEnergyZ BodyAccelerationJerkEnergyZ BodyAccelerationJerkEnergyZ BodyAccelerationJerkInterQuartileRangeX BodyAccelerationJerkInterQuartileRangeY BodyAccelerationJerkInterQuartileRangeY BodyAccelerationJerkInterQuartileRangeZ BodyAccelerationJerkInterQuartileRangeZ BodyAccelerationJerkDeclineX BodyAccelerationJerkDeclineX BodyAccelerationJerkDeclineY BodyAccelerationJerkDeclineZ BodyAccelerationJerkDeclineZ BodyAccelerationJerkMaxMagnitudeX BodyAccelerationJerkMaxMagnitudeY	357	fBodyAccJerk-min()-X	BodyAccelerationJerkMinX
360 fBodyAccJerk-sma() 361 fBodyAccJerk-energy()-X 362 fBodyAccJerk-energy()-Y 363 fBodyAccJerk-energy()-Z 364 fBodyAccJerk-energy()-Z 365 fBodyAccJerk-iqr()-X 365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Y 367 fBodyAccJerk-iqr()-Z 368 fBodyAccJerk-iqr()-Z 369 fBodyAccJerk-entropy()-X 369 fBodyAccJerk-entropy()-X 369 fBodyAccJerk-entropy()-Y 360 fBodyAccJerk-entropy()-Y 361 fBodyAccJerk-entropy()-X 362 fBodyAccJerk-entropy()-X 363 fBodyAccJerk-entropy()-X 364 fBodyAccJerk-entropy()-X 365 fBodyAccJerk-entropy()-X 366 fBodyAccJerk-entropy()-X 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 371 fBodyAccJerk-maxInds-Y 384 BodyAccelerationJerkMaxMagnitudeY	358	fBodyAccJerk-min()-Y	BodyAccelerationJerkMinY
361 fBodyAccJerk-energy()-X 362 fBodyAccJerk-energy()-Y BodyAccelerationJerkEnergyY 363 fBodyAccJerk-energy()-Z BodyAccelerationJerkEnergyZ 364 fBodyAccJerk-iqr()-X BodyAccelerationJerkInterQuartileRangeX 365 fBodyAccJerk-iqr()-Y BodyAccelerationJerkInterQuartileRangeY 366 fBodyAccJerk-iqr()-Z BodyAccelerationJerkInterQuartileRangeZ 367 fBodyAccJerk-entropy()-X BodyAccelerationJerkInterQuartileRangeZ 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineX 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	359	fBodyAccJerk-min()-Z	BodyAccelerationJerkMinZ
362 fBodyAccJerk-energy()-Y 363 fBodyAccJerk-energy()-Z BodyAccelerationJerkEnergyZ 364 fBodyAccJerk-iqr()-X BodyAccelerationJerkInterQuartileRangeX 365 fBodyAccJerk-iqr()-Y BodyAccelerationJerkInterQuartileRangeY 366 fBodyAccJerk-iqr()-Z BodyAccelerationJerkInterQuartileRangeZ 367 fBodyAccJerk-entropy()-X BodyAccelerationJerkInterQuartileRangeZ 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineX 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX BodyAccelerationJerkMaxMagnitudeY	360	fBodyAccJerk-sma()	BodyAccelerationJerkMagnitude
363 fBodyAccJerk-energy()-Z 364 fBodyAccJerk-iqr()-X 365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z 367 fBodyAccJerk-entropy()-X 368 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Y 369 fBodyAccJerk-entropy()-Z 369 fBodyAccJerk-entropy()-Z 360 fBodyAccJerk-entropy()-Z 361 BodyAccJerk-entropy()-Y 362 BodyAccJerk-entropy()-Y 363 BodyAccJerk-entropy()-Z 364 BodyAccJerk-entropy()-Z 365 BodyAccJerk-entropy()-Z 366 BodyAccJerk-entropy()-Z 367 BodyAccJerk-maxInds-X 370 fBodyAccJerk-maxInds-X 371 fBodyAccJerk-maxInds-Y 368 BodyAccelerationJerkMaxMagnitudeY	361	fBodyAccJerk-energy()-X	BodyAccelerationJerkEnergyX
364 fBodyAccJerk-iqr()-X 365 fBodyAccJerk-iqr()-Y BodyAccelerationJerkInterQuartileRangeY 366 fBodyAccJerk-iqr()-Z BodyAccelerationJerkInterQuartileRangeZ 367 fBodyAccJerk-entropy()-X BodyAccelerationJerkDeclineX 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineY 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	362	fBodyAccJerk-energy()-Y	BodyAccelerationJerkEnergyY
365 fBodyAccJerk-iqr()-Y 366 fBodyAccJerk-iqr()-Z BodyAccelerationJerkInterQuartileRangeZ 367 fBodyAccJerk-entropy()-X BodyAccelerationJerkDeclineX 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineY 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	363	fBodyAccJerk-energy()-Z	BodyAccelerationJerkEnergyZ
366 fBodyAccJerk-iqr()-Z BodyAccelerationJerkInterQuartileRangeZ 367 fBodyAccJerk-entropy()-X BodyAccelerationJerkDeclineX 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineY 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	364	fBodyAccJerk-iqr()-X	BodyAccelerationJerkInterQuartileRangeX
367 fBodyAccJerk-entropy()-X BodyAccelerationJerkDeclineX 368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineY 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	365	fBodyAccJerk-iqr()-Y	BodyAccelerationJerkInterQuartileRangeY
368 fBodyAccJerk-entropy()-Y BodyAccelerationJerkDeclineY 369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	366	fBodyAccJerk-iqr()-Z	BodyAccelerationJerkInterQuartileRangeZ
369 fBodyAccJerk-entropy()-Z BodyAccelerationJerkDeclineZ 370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	367	fBodyAccJerk-entropy()-X	BodyAccelerationJerkDeclineX
370 fBodyAccJerk-maxInds-X BodyAccelerationJerkMaxMagnitudeX 371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	368	fBodyAccJerk-entropy()-Y	BodyAccelerationJerkDeclineY
371 fBodyAccJerk-maxInds-Y BodyAccelerationJerkMaxMagnitudeY	369	fBodyAccJerk-entropy()-Z	BodyAccelerationJerkDeclineZ
· · · · ·	370	fBodyAccJerk-maxInds-X	BodyAccelerationJerkMaxMagnitudeX
372 fBodyAccJerk-maxInds-Z BodyAccelerationJerkMaxMagnitudeZ	371	fBodyAccJerk-maxInds-Y	BodyAccelerationJerkMaxMagnitudeY
	372	fBodyAccJerk-maxInds-Z	BodyAccelerationJerkMaxMagnitudeZ

373	fBodyAccJerk-meanFreq()-X	BodyAccelerationJerkMeanFreqX
	fBodyAccJerk-meanFreq()-Y	BodyAccelerationJerkMeanFreqY
	fBodyAccJerk-meanFreq()-Z	BodyAccelerationJerkMeanFreqZ
	fBodyAccJerk-skewness()-X	BodyAccelerationJerkskewnessX
	fBodyAccJerk-kurtosis()-X	BodyAccelerationJerkkurtosisX
	fBodyAccJerk-skewness()-Y	BodyAccelerationJerkskewnessY
	fBodyAccJerk-kurtosis()-Y	BodyAccelerationJerkkurtosisY
	fBodyAccJerk-skewness()-Z	BodyAccelerationJerkskewnessZ
	fBodyAccJerk-kurtosis()-Z	BodyAccelerationJerkkurtosisZ
	fBodyAccJerk-bandsEnergy()-1,8	BodyAccelerationJerkEnergyInRange1,8
	fBodyAccJerk-bandsEnergy()-9,16	BodyAccelerationJerkEnergyInRange9,16
	fBodyAccJerk-bandsEnergy()-17,24	BodyAccelerationJerkEnergyInRange17,24
	fBodyAccJerk-bandsEnergy()-25,32	BodyAccelerationJerkEnergyInRange25,32
	fBodyAccJerk-bandsEnergy()-33,40	BodyAccelerationJerkEnergyInRange33,40
387	fBodyAccJerk-bandsEnergy()-41,48	BodyAccelerationJerkEnergyInRange41,48
388	fBodyAccJerk-bandsEnergy()-49,56	BodyAccelerationJerkEnergyInRange49,56
389	fBodyAccJerk-bandsEnergy()-57,64	BodyAccelerationJerkEnergyInRange57,64
390	fBodyAccJerk-bandsEnergy()-1,16	BodyAccelerationJerkEnergyInRange1,16
391	fBodyAccJerk-bandsEnergy()-17,32	BodyAccelerationJerkEnergyInRange17,32
392	fBodyAccJerk-bandsEnergy()-33,48	BodyAccelerationJerkEnergyInRange33,48
393	fBodyAccJerk-bandsEnergy()-49,64	BodyAccelerationJerkEnergyInRange49,64
394	fBodyAccJerk-bandsEnergy()-1,24	BodyAccelerationJerkEnergyInRange1,24
395	fBodyAccJerk-bandsEnergy()-25,48	BodyAccelerationJerkEnergyInRange25,48
396	fBodyAccJerk-bandsEnergy()-1,8	DirectionalChangeZRelativeToGravityMean
397	fBodyAccJerk-bandsEnergy()-9,16	DirectionalChangeZRelativeToGravityMean
398	fBodyAccJerk-bandsEnergy()-17,24	DirectionalChangeZRelativeToGravityMean
399	fBodyAccJerk-bandsEnergy()-25,32	DirectionalChangeZRelativeToGravityMean
400	fBodyAccJerk-bandsEnergy()-33,40	DirectionalChangeZRelativeToGravityMean
401	fBodyAccJerk-bandsEnergy()-41,48	DirectionalChangeZRelativeToGravityMean
402	fBodyAccJerk-bandsEnergy()-49,56	DirectionalChangeZRelativeToGravityMean
	fBodyAccJerk-bandsEnergy()-57,64	DirectionalChangeZRelativeToGravityMean
404	fBodyAccJerk-bandsEnergy()-1,16	DirectionalChangeZRelativeToGravityMean
	fBodyAccJerk-bandsEnergy()-17,32	DirectionalChangeZRelativeToGravityMean
406	fBodyAccJerk-bandsEnergy()-33,48	DirectionalChangeZRelativeToGravityMean

407	fBodyAccJerk-bandsEnergy()-49,64	DirectionalChangeZRelativeToGravityMean
408	fBodyAccJerk-bandsEnergy()-1,24	DirectionalChangeZRelativeToGravityMean
409	fBodyAccJerk-bandsEnergy()-25,48	DirectionalChangeZRelativeToGravityMean
410	fBodyAccJerk-bandsEnergy()-1,8	DirectionalChangeZRelativeToGravityMean
411	fBodyAccJerk-bandsEnergy()-9,16	DirectionalChangeZRelativeToGravityMean
412	fBodyAccJerk-bandsEnergy()-17,24	DirectionalChangeZRelativeToGravityMean
413	fBodyAccJerk-bandsEnergy()-25,32	DirectionalChangeZRelativeToGravityMean
414	fBodyAccJerk-bandsEnergy()-33,40	DirectionalChangeZRelativeToGravityMean
415	fBodyAccJerk-bandsEnergy()-41,48	DirectionalChangeZRelativeToGravityMean
416	fBodyAccJerk-bandsEnergy()-49,56	DirectionalChangeZRelativeToGravityMean
417	fBodyAccJerk-bandsEnergy()-57,64	DirectionalChangeZRelativeToGravityMean
418	fBodyAccJerk-bandsEnergy()-1,16	DirectionalChangeZRelativeToGravityMean
419	fBodyAccJerk-bandsEnergy()-17,32	DirectionalChangeZRelativeToGravityMean
420	fBodyAccJerk-bandsEnergy()-33,48	DirectionalChangeZRelativeToGravityMean
421	fBodyAccJerk-bandsEnergy()-49,64	DirectionalChangeZRelativeToGravityMean
422	fBodyAccJerk-bandsEnergy()-1,24	DirectionalChangeZRelativeToGravityMean
423	fBodyAccJerk-bandsEnergy()-25,48	DirectionalChangeZRelativeToGravityMean
424	fBodyGyro-mean()-X	BodyRotationalMeanX
425	fBodyGyro-mean()-Y	BodyRotationalMeanY
426	fBodyGyro-mean()-Z	BodyRotationalMeanZ
427	fBodyGyro-std()-X	BodyRotationalStdDevX
428	fBodyGyro-std()-Y	BodyRotationalStdDevY
429	fBodyGyro-std()-Z	BodyRotationalStdDevZ
430	fBodyGyro-mad()-X	BodyRotationalMedianX
431	fBodyGyro-mad()-Y	BodyRotationalMedianY
432	fBodyGyro-mad()-Z	BodyRotationalMedianZ
	fBodyGyro-max()-X	BodyRotationalMaxX
	fBodyGyro-max()-Y	BodyRotationalMaxY
435	fBodyGyro-max()-Z	BodyRotationalMaxZ
436	fBodyGyro-min()-X	BodyRotationalMinX
437	fBodyGyro-min()-Y	BodyRotationalMinY
438	fBodyGyro-min()-Z	BodyRotationalMinZ
439	fBodyGyro-sma()	BodyRotationalMagnitude
440	fBodyGyro-energy()-X	BodyRotationalEnergyX

441	fBodyGyro-energy()-Y	BodyRotationalEnergyY
442	fBodyGyro-energy()-Z	BodyRotationalEnergyZ
443	fBodyGyro-iqr()-X	BodyRotationalInterQuartileRangeX
444	fBodyGyro-iqr()-Y	BodyRotationalInterQuartileRangeY
445	fBodyGyro-iqr()-Z	BodyRotationalInterQuartileRangeZ
446	fBodyGyro-entropy()-X	BodyRotationalDeclineX
447	fBodyGyro-entropy()-Y	BodyRotationalDeclineY
448	fBodyGyro-entropy()-Z	BodyRotationalDeclineZ
449	fBodyGyro-maxInds-X	BodyRotationalMaxMagnitudeX
450	fBodyGyro-maxInds-Y	BodyRotationalMaxMagnitudeY
451	fBodyGyro-maxInds-Z	BodyRotationalMaxMagnitudeZ
452	fBodyGyro-meanFreq()-X	BodyRotationalMeanFreqX
453	fBodyGyro-meanFreq()-Y	BodyRotationalMeanFreqY
454	fBodyGyro-meanFreq()-Z	BodyRotationalMeanFreqZ
455	fBodyGyro-skewness()-X	BodyRotationalskewnessX
456	fBodyGyro-kurtosis()-X	BodyRotationalkurtosisX
457	fBodyGyro-skewness()-Y	BodyRotationalskewnessY
458	fBodyGyro-kurtosis()-Y	BodyRotationalkurtosisY
459	fBodyGyro-skewness()-Z	BodyRotationalskewnessZ
460	fBodyGyro-kurtosis()-Z	BodyRotationalkurtosisZ
461	fBodyGyro-bandsEnergy()-1,8	BodyRotationalEnergyInRange1,8
462	fBodyGyro-bandsEnergy()-9,16	BodyRotationalEnergyInRange9,16
463	fBodyGyro-bandsEnergy()-17,24	BodyRotationalEnergyInRange17,24
464	fBodyGyro-bandsEnergy()-25,32	BodyRotationalEnergyInRange25,32
465	fBodyGyro-bandsEnergy()-33,40	BodyRotationalEnergyInRange33,40
466	fBodyGyro-bandsEnergy()-41,48	BodyRotationalEnergyInRange41,48
467	fBodyGyro-bandsEnergy()-49,56	BodyRotationalEnergyInRange49,56
468	fBodyGyro-bandsEnergy()-57,64	BodyRotationalEnergyInRange57,64
	fBodyGyro-bandsEnergy()-1,16	BodyRotationalEnergyInRange1,16
470	fBodyGyro-bandsEnergy()-17,32	BodyRotationalEnergyInRange17,32
471	fBodyGyro-bandsEnergy()-33,48	BodyRotationalEnergyInRange33,48
472	fBodyGyro-bandsEnergy()-49,64	BodyRotationalEnergyInRange49,64
473	fBodyGyro-bandsEnergy()-1,24	BodyRotationalEnergyInRange1,24
474	fBodyGyro-bandsEnergy()-25,48	BodyRotationalEnergyInRange25,48

475 [BodyGyro-bandsEnergy()-1,8 476 [BodyGyro-bandsEnergy()-9,16 477 [BodyGyro-bandsEnergy()-17,24 478 [BodyGyro-bandsEnergy()-17,24 478 [BodyGyro-bandsEnergy()-25,32 479 [BodyGyro-bandsEnergy()-25,32 479 [BodyGyro-bandsEnergy()-33,40 480 [BodyGyro-bandsEnergy()-41,48 480 [BodyGyro-bandsEnergy()-41,48 481 [BodyGyro-bandsEnergy()-49,56 482 [BodyGyro-bandsEnergy()-57,54 483 [BodyGyro-bandsEnergy()-57,54 484 [BodyGyro-bandsEnergy()-57,54 485 [BodyGyro-bandsEnergy()-17,32 486 [BodyGyro-bandsEnergy()-17,32 487 [BodyGyro-bandsEnergy()-17,32 488 [BodyGyro-bandsEnergy()-17,32 489 [BodyGyro-bandsEnergy()-17,32 480 [BodyGyro-bandsEnergy()-17,44 481 [BodyGyro-bandsEnergy()-17,45] 481 [BodyGyro-bandsEnergy()-17,46 482 [BodyGyro-bandsEnergy()-17,46 483 [BodyGyro-bandsEnergy()-18,46 484 [BodyGyro-bandsEnergy()-18,46 485 [BodyGyro-bandsEnergy()-18,46 486 [BodyGyro-bandsEnergy()-18,46 487 [BodyGyro-bandsEnergy()-18,46 488 [BodyGyro-bandsEnergy()-18,46 489 [BodyGyro-bandsEnergy()-18,46 489 [BodyGyro-bandsEnergy()-18,46 489 [BodyGyro-bandsEnergy()-18,46 490 [BodyGyro-bandsEnergy()-18,46 491 [BodyGyro-bandsEnergy()-18,47 492 [BodyGyro-bandsEnergy()-18,56 493 [BodyGyro-bandsEnergy()-18,46 494 [BodyGyro-bandsEnergy()-18,56 495 [BodyGyro-bandsEnergy()-18,48 496 [BodyGyro-bandsEnergy()-18,56 497 [BodyGyro-bandsEnergy()-18,48 498 [BodyGyro-bandsEnergy()-18,48 499 [BodyGyro-bandsEnergy()-18,48 490 [BodyGyro-bandsEnergy()-18,56 497 [BodyGyro-bandsEnergy()-18,56 498 [BodyGyro-bandsEnergy()-18,56 499 [BodyGyro-band			
477 fBodyGyro-bandsEnergy()-17,24 DirectionalChangeZRelativeToGravityMean 478 fBodyGyro-bandsEnergy()-25,32 DirectionalChangeZRelativeToGravityMean 479 fBodyGyro-bandsEnergy()-41,48 DirectionalChangeZRelativeToGravityMean 480 fBodyGyro-bandsEnergy()-49,56 DirectionalChangeZRelativeToGravityMean 481 fBodyGyro-bandsEnergy()-56 DirectionalChangeZRelativeToGravityMean 482 fBodyGyro-bandsEnergy()-11,6 DirectionalChangeZRelativeToGravityMean 483 fBodyGyro-bandsEnergy()-17,32 DirectionalChangeZRelativeToGravityMean 484 fBodyGyro-bandsEnergy()-13,34 DirectionalChangeZRelativeToGravityMean 485 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 486 fBodyGyro-bandsEnergy()-12,4 DirectionalChangeZRelativeToGravityMean 487 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 488 fBodyGyro-bandsEnergy()-1,28 DirectionalChangeZRelativeToGravityMean 489 fBodyGyro-bandsEnergy()-1,8 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-1,8 DirectionalChangeZRelativeToGravityMean 491 fBodyGyro-bandsEnergy()-1,0 DirectionalChangeZRelativeToGravityMean 492 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 493 fBodyGyro-bandsEnergy()-1,25,32 DirectionalChangeZRelativeToGravityMean 494 fBodyGyro-bandsEnergy()-13,34 DirectionalChangeZRelativeToGravityMean 495 fBodyGyro-bandsEnergy()-14,48 DirectionalChangeZRelativeToGravityMean 496 fBodyGyro-bandsEnergy()-14,56 DirectionalChangeZRelativeToGravityMean 497 fBodyGyro-bandsEnergy()-13,50 DirectionalChangeZRelativeToGravityMean 498 fBodyGyro-bandsEnergy()-13,50 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-13,50 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-13,50 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-14,50 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-14,50 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-14,60 DirectionalChangeZRelativeToGravityMean 491 fBodyGyro-bandsEnergy()-14,60 DirectionalChangeZRelative			DirectionalChangeZRelativeToGravityMean
478 fBodyGyro-bandsEnergy()-25,32 DirectionalChangeZRelativeToGravityMean 479 fBodyGyro-bandsEnergy()-33,40 DirectionalChangeZRelativeToGravityMean 480 fBodyGyro-bandsEnergy()-41,48 DirectionalChangeZRelativeToGravityMean 481 fBodyGyro-bandsEnergy()-57,64 DirectionalChangeZRelativeToGravityMean 482 fBodyGyro-bandsEnergy()-57,64 DirectionalChangeZRelativeToGravityMean 483 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 484 fBodyGyro-bandsEnergy()-17,32 DirectionalChangeZRelativeToGravityMean 485 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 486 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 487 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 488 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 489 fBodyGyro-bandsEnergy()-1,8 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-1,8 DirectionalChangeZRelativeToGravityMean 491 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 492 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 493 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 494 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 495 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 496 fBodyGyro-bandsEnergy()-1,44 DirectionalChangeZRelativeToGravityMean 497 fBodyGyro-bandsEnergy()-1,44 DirectionalChangeZRelativeToGravityMean 498 fBodyGyro-bandsEnergy()-1,44 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 498 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 490 fBodyGyro-bandsEnergy()-2,4 DirectionalChangeZRelativeToGravityMean 500 fBodyAccMag-std() BodyAcceMag-RelativeToGravityMean 501 fBodyAccMa			
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496 fBodyGyro-bandsEnergy()-57,64 DirectionalChangeZRelativeToGravityMean 497 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 498 fBodyGyro-bandsEnergy()-17,32 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 500 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	494	fBodyGyro-bandsEnergy()-41,48	
497 fBodyGyro-bandsEnergy()-1,16 DirectionalChangeZRelativeToGravityMean 498 fBodyGyro-bandsEnergy()-17,32 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 500 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin			DirectionalChangeZRelativeToGravityMean
498 fBodyGyro-bandsEnergy()-17,32 DirectionalChangeZRelativeToGravityMean 499 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 500 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	496	fBodyGyro-bandsEnergy()-57,64	DirectionalChangeZRelativeToGravityMean
499 fBodyGyro-bandsEnergy()-33,48 DirectionalChangeZRelativeToGravityMean 500 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	497	fBodyGyro-bandsEnergy()-1,16	DirectionalChangeZRelativeToGravityMean
500 fBodyGyro-bandsEnergy()-49,64 DirectionalChangeZRelativeToGravityMean 501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	498	fBodyGyro-bandsEnergy()-17,32	DirectionalChangeZRelativeToGravityMean
501 fBodyGyro-bandsEnergy()-1,24 DirectionalChangeZRelativeToGravityMean 502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	499	fBodyGyro-bandsEnergy()-33,48	DirectionalChangeZRelativeToGravityMean
502 fBodyGyro-bandsEnergy()-25,48 DirectionalChangeZRelativeToGravityMean 503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	500	fBodyGyro-bandsEnergy()-49,64	DirectionalChangeZRelativeToGravityMean
503 fBodyAccMag-mean() BodyAccelerationMagnitudeMean 504 fBodyAccMag-std() BodyAccelerationMagnitudeStdDev 505 fBodyAccMag-mad() BodyAccelerationMagnitudeMedian 506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	501	fBodyGyro-bandsEnergy()-1,24	DirectionalChangeZRelativeToGravityMean
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506 fBodyAccMag-max() BodyAccelerationMagnitudeMax 507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	504	fBodyAccMag-std()	BodyAccelerationMagnitudeStdDev
507 fBodyAccMag-min() BodyAccelerationMagnitudeMin	505	fBodyAccMag-mad()	BodyAccelerationMagnitudeMedian
	506	fBodyAccMag-max()	BodyAccelerationMagnitudeMax
508 fBodyAccMag-sma() BodyAccelerationMagnitudeMagnitude	507	fBodyAccMag-min()	BodyAccelerationMagnitudeMin
	508	fBodyAccMag-sma()	BodyAccelerationMagnitudeMagnitude

509	fBodyAccMag-energy()	BodyAccelerationMagnitudeEnergy
	fBodyAccMag-iqr()	BodyAccelerationMagnitudeInterQuartileRange
	fBodyAccMag-entropy()	BodyAccelerationMagnitudeDecline
512	fBodyAccMag-maxInds	BodyAccelerationMagnitudeMaxMagnitude
513	fBodyAccMag-meanFreq()	BodyAccelerationMagnitudeMeanFreq
514	fBodyAccMag-skewness()	BodyAccelerationMagnitudeskewness
515	fBodyAccMag-kurtosis()	BodyAccelerationMagnitudekurtosis
516	fBodyBodyAccJerkMag-mean()	BodyBodyAccelerationJerkMagnitudeMean
517	fBodyBodyAccJerkMag-std()	BodyBodyAccelerationJerkMagnitudeStdDev
518	fBodyBodyAccJerkMag-mad()	BodyBodyAccelerationJerkMagnitudeMedian
519	fBodyBodyAccJerkMag-max()	BodyBodyAccelerationJerkMagnitudeMax
520	fBodyBodyAccJerkMag-min()	BodyBodyAccelerationJerkMagnitudeMin
521	fBodyBodyAccJerkMag-sma()	BodyBodyAccelerationJerkMagnitudeMagnitude
522	fBodyBodyAccJerkMag-energy()	BodyBodyAccelerationJerkMagnitudeEnergy
523	fBodyBodyAccJerkMag-iqr()	BodyBodyAccelerationJerkMagnitudeInterQuartileRange
524	fBodyBodyAccJerkMag-entropy()	BodyBodyAccelerationJerkMagnitudeDecline
525	fBodyBodyAccJerkMag-maxInds	BodyBodyAccelerationJerkMagnitudeMaxMagnitude
526	fBodyBodyAccJerkMag-meanFreq()	BodyBodyAccelerationJerkMagnitudeMeanFreq
527	fBodyBodyAccJerkMag-skewness()	BodyBodyAccelerationJerkMagnitudeskewness
528	fBodyBodyAccJerkMag-kurtosis()	BodyBodyAccelerationJerkMagnitudekurtosis
529	fBodyBodyGyroMag-mean()	BodyBodyRotationalMagnitudeMean
530	fBodyBodyGyroMag-std()	BodyBodyRotationalMagnitudeStdDev
531	fBodyBodyGyroMag-mad()	BodyBodyRotationalMagnitudeMedian
532	fBodyBodyGyroMag-max()	BodyBodyRotationalMagnitudeMax
533	fBodyBodyGyroMag-min()	BodyBodyRotationalMagnitudeMin
534	fBodyBodyGyroMag-sma()	BodyBodyRotationalMagnitudeMagnitude
535	fBodyBodyGyroMag-energy()	BodyBodyRotationalMagnitudeEnergy
536	fBodyBodyGyroMag-iqr()	BodyBodyRotationalMagnitudeInterQuartileRange
537	fBodyBodyGyroMag-entropy()	BodyBodyRotationalMagnitudeDecline
538	fBodyBodyGyroMag-maxInds	BodyBodyRotationalMagnitudeMaxMagnitude
539	fBodyBodyGyroMag-meanFreq()	BodyBodyRotationalMagnitudeMeanFreq
	fBodyBodyGyroMag-skewness()	BodyBodyRotationalMagnitudeskewness
541	fBodyBodyGyroMag-kurtosis()	BodyBodyRotationalMagnitudekurtosis
542	fBodyBodyGyroJerkMag-mean()	BodyBodyRotationalJerkMagnitudeMean

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	fBodyBodyGyroJerkMag-std()	BodyBodyRotationalJerkMagnitudeStdDev
544	fBodyBodyGyroJerkMag-mad()	BodyBodyRotationalJerkMagnitudeMedian
545	fBodyBodyGyroJerkMag-max()	BodyBodyRotationalJerkMagnitudeMax
546	fBodyBodyGyroJerkMag-min()	BodyBodyRotationalJerkMagnitudeMin
547	fBodyBodyGyroJerkMag-sma()	BodyBodyRotationalJerkMagnitudeMagnitude
548	fBodyBodyGyroJerkMag-energy()	BodyBodyRotationalJerkMagnitudeEnergy
549	fBodyBodyGyroJerkMag-iqr()	BodyBodyRotationalJerkMagnitudeInterQuartileRange
550	fBodyBodyGyroJerkMag-entropy()	BodyBodyRotationalJerkMagnitudeDecline
551	fBodyBodyGyroJerkMag-maxInds	BodyBodyRotationalJerkMagnitudeMaxMagnitude
552	fBodyBodyGyroJerkMag-meanFreq()	BodyBodyRotationalJerkMagnitudeMeanFreq
553	fBodyBodyGyroJerkMag-skewness()	BodyBodyRotationalJerkMagnitudeskewness
554	fBodyBodyGyroJerkMag-kurtosis()	BodyBodyRotationalJerkMagnitudekurtosis
555	angle(tBodyAccMean,gravity)	DirectionalChangetBodyAccelerationMeanRelativeToGravity
556	angle(tBodyAccJerkMean),gravityMean)	DirectionalChangetBodyAccelerationJerkMeanRelativeToGravityMean
557	angle(tBodyGyroMean,gravityMean)	DirectionalChangetBodyRotationalMeanRelativeToGravityMean
558	angle(tBodyGyroJerkMean,gravityMean)	DirectionalChangetBodyRotationalJerkMeanRelativeToGravityMean
559	angle(X,gravityMean)	DirectionalChangeXRelativeToGravityMean
560	angle(Y,gravityMean)	DirectionalChangeYRelativeToGravityMean
561	angle(Z,gravityMean)	DirectionalChangeZRelativeToGravityMean

Activity Labels (old)

Key		Value
	1	WALKING
	2	WALKING_UPSTAIRS
	3	WALKING_DOWNSTAIRS
	4	SITTING
	5	STANDING
	6	LAYING

Participants (old and	new)
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New Variable Names and Descriptions

Key	Value	Description
	BodyAccelerationMeanX	Average of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationMeanY	Average of the acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationMeanZ	Average of the acceleration in standard acceleration units (g) on the Z-axis
	BodyAccelerationWeanZ BodyAccelerationStdDevX	Standard deviation of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationStdDevY	Standard deviation of the acceleration in standard acceleration units (g) on the Y-axis
	·	Standard deviation of the acceleration in standard acceleration units (g) on the Z-axis
	·	·-·
	BodyAccelerationMedianY	Median of the acceleration in standard acceleration units (g) on the X-axis
	·	Median of the acceleration in standard acceleration units (g) on the Y-axis
	·	Median of the acceleration in standard acceleration units (g) on the Z-axis
	BodyAccelerationMaxX	Maximum acceleration in standard acceleration units (g) on the X-axis
	·	Maximum acceleration in standard acceleration units (g) on the Y-axis
		Maximum acceleration in standard acceleration units (g) on the Z-axis
	·	Minimum acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationMinY	Minimum acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationMinZ	Minimum acceleration in standard acceleration units (g) on the Z-axis
		Magnitude of the acceleration in standard acceleration units (g)
		Energy expended on acceleration in standard acceleration units (g) on the X-axis
		Energy expended on acceleration in standard acceleration units (g) on the Y-axis
		Energy expended on acceleration in standard acceleration units (g) on the Z-axis
		25th to 75th percentile of acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationInterQuartileRangeY	26th to 75th percentile of acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationInterQuartileRangeZ	27th to 75th percentile of acceleration in standard acceleration units (g) on the Z-axis
	·	Reduction of energy spent on acceleration in standard acceleration units (g) on the X-axis
		Reduction of energy spent on acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationDeclineZ	Reduction of energy spent on acceleration in standard acceleration units (g) on the Z-axis
26	BodyAccelerationCoeffX,1	Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis
27	BodyAccelerationCoeffX,2	Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis
28	BodyAccelerationCoeffX,3	Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis
29	BodyAccelerationCoeffX,4	Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis
30	BodyAccelerationCoeffY,1	Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis
31	BodyAccelerationCoeffY,2	Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis
32	BodyAccelerationCoeffY,3	Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis
33	BodyAccelerationCoeffY,4	Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis
34	BodyAccelerationCoeffZ,1	Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis
35	BodyAccelerationCoeffZ,2	Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis
36		Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis
37	BodyAccelerationCoeffZ,4	Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis
38	BodyAccelerationCorrX,Y	Correlation of the acceleration in standard acceleration units (g) on the X and Y axes
39	BodyAccelerationCorrX,Z	Correlation of the acceleration in standard acceleration units (g) on the X and Z axes

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40 BodyAccelerationCorrY,Z Correlation of the acceleration in standard acceleration units (g) on t	the Y and Z axes
41 GravitationalPullMeanX Average of the gravitational pull on the X-axis	
42 GravitationalPullMeanY Average of the gravitational pull on the Y-axis	
43 GravitationalPullMeanZ Average of the gravitational pull on the Z-axis	
44 GravitationalPullStdDevX Standard deviation of the gravitational pull on the X-axis	
45 GravitationalPullStdDevY Standard deviation of the gravitational pull on the Y-axis	
46 GravitationalPullStdDevZ Standard deviation of the gravitational pull on the Z-axis	
47 GravitationalPullMedianX Median of the gravitational pull on the X-axis	
48 GravitationalPullMedianY Median of the gravitational pull on the Y-axis	
49 GravitationalPullMedianZ Median of the gravitational pull on the Z-axis	
50 GravitationalPullMaxX Maximum gravitational pull on the X-axis	
51 GravitationalPullMaxY Maximum gravitational pull on the Y-axis	
52 GravitationalPullMaxZ Maximum gravitational pull on the Z-axis	
53 GravitationalPullMinX Minimum gravitational pull on the X-axis	
54 GravitationalPullMinY Minimum gravitational pull on the Y-axis	
55 GravitationalPullMinZ Minimum gravitational pull on the Z-axis	
56 GravitationalPullMagnitude Magnitude of the gravitational pull	
57 GravitationalPullEnergyX Energy expended on gravitational pull on the X-axis	
58 GravitationalPullEnergyY Energy expended on gravitational pull on the Y-axis	
59 GravitationalPullEnergyZ Energy expended on gravitational pull on the Z-axis	
60 GravitationalPullInterQuartileRangeX 25th to 75th percentile of gravitational pull on the X-axis	
61 GravitationalPullInterQuartileRangeY 26th to 75th percentile of gravitational pull on the Y-axis	
62 GravitationalPullInterQuartileRangeZ 27th to 75th percentile of gravitational pull on the Z-axis	
63 GravitationalPullDeclineX Reduction of energy spent on gravitational pull on the X-axis	
64 GravitationalPullDeclineY Reduction of energy spent on gravitational pull on the Y-axis	
65 GravitationalPullDeclineZ Reduction of energy spent on gravitational pull on the Z-axis	
66 GravitationalPullCoeffX,1 Regression coefficient estimating gravitational pull on the X-axis	
67 GravitationalPullCoeffX,2 Regression coefficient estimating gravitational pull on the X-axis	
68 GravitationalPullCoeffX,3 Regression coefficient estimating gravitational pull on the X-axis	
69 GravitationalPullCoeffX,4 Regression coefficient estimating gravitational pull on the X-axis	
70 GravitationalPullCoeffY,1 Regression coefficient estimating gravitational pull on the Y-axis	
71 GravitationalPullCoeffY,2 Regression coefficient estimating gravitational pull on the Y-axis	
72 GravitationalPullCoeffY,3 Regression coefficient estimating gravitational pull on the Y-axis	
73 GravitationalPullCoeffY,4 Regression coefficient estimating gravitational pull on the Y-axis	
74 GravitationalPullCoeffZ,1 Regression coefficient estimating gravitational pull on the Z-axis	
75 GravitationalPullCoeffZ,2 Regression coefficient estimating gravitational pull on the Z-axis	
76 GravitationalPullCoeffZ,3 Regression coefficient estimating gravitational pull on the Z-axis	
77 GravitationalPullCoeffZ,4 Regression coefficient estimating gravitational pull on the Z-axis	
78 GravitationalPullCorrX,Y Regression coefficient estimating gravitational pull on the X and Y ax	res
79 GravitationalPullCorrX,Z Regression coefficient estimating gravitational pull on the X and Z ax	es
80 GravitationalPullCorrY,Z Regression coefficient estimating gravitational pull on the Y and Z ax	es

81 BodyAccelerationJerkMeanX Average of the acceleration in standard acceleration units (g) on the X-axis 82 BodyAccelerationJerkMeanY Average of the acceleration in standard acceleration units (g) on the Y-axis 83 BodyAccelerationJerkMeanZ Average of the acceleration in standard acceleration units (g) on the Z-axis 84 BodyAccelerationJerkStdDevX Standard deviation of the acceleration in standard acceleration units (g) on the X-axis 85 BodyAccelerationJerkStdDevY Standard deviation of the acceleration in standard acceleration units (g) on the Y-axis	
83 BodyAccelerationJerkMeanZ Average of the acceleration in standard acceleration units (g) on the Z-axis 84 BodyAccelerationJerkStdDevX Standard deviation of the acceleration in standard acceleration units (g) on the X-axis	
84 BodyAccelerationJerkStdDevX Standard deviation of the acceleration in standard acceleration units (g) on the X-axis	
85 Body Δcceleration Jerk Std DevV Standard deviation of the acceleration in standard acceleration units (σ) on the V-avis	
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86 BodyAccelerationJerkStdDevZ Standard deviation of the acceleration in standard acceleration units (g) on the Z-axis	
87 BodyAccelerationJerkMedianX Median of the acceleration in standard acceleration units (g) on the X-axis	
88 BodyAccelerationJerkMedianY Median of the acceleration in standard acceleration units (g) on the Y-axis	
89 BodyAccelerationJerkMedianZ Median of the acceleration in standard acceleration units (g) on the Z-axis	
90 BodyAccelerationJerkMaxX Maximum acceleration in standard acceleration units (g) on the X-axis	
91 BodyAccelerationJerkMaxY Maximum acceleration in standard acceleration units (g) on the Y-axis	
92 BodyAccelerationJerkMaxZ Maximum acceleration in standard acceleration units (g) on the Z-axis	
93 BodyAccelerationJerkMinX Minimum acceleration in standard acceleration units (g) on the X-axis	
94 BodyAccelerationJerkMinY Minimum acceleration in standard acceleration units (g) on the Y-axis	
95 BodyAccelerationJerkMinZ Minimum acceleration in standard acceleration units (g) on the Z-axis	
96 BodyAccelerationJerkMagnitude Magnitude of the acceleration in standard acceleration units (g)	
97 BodyAccelerationJerkEnergyX Energy expended on acceleration in standard acceleration units (g) on the X-axis	
98 BodyAccelerationJerkEnergyY Energy expended on acceleration in standard acceleration units (g) on the Y-axis	
99 BodyAccelerationJerkEnergyZ Energy expended on acceleration in standard acceleration units (g) on the Z-axis	
100 BodyAccelerationJerkInterQuartileRangeX 25th to 75th percentile of acceleration in standard acceleration units (g) on the X-axis	
101 BodyAccelerationJerkInterQuartileRangeY 26th to 75th percentile of acceleration in standard acceleration units (g) on the Y-axis	
102 BodyAccelerationJerkInterQuartileRangeZ 27th to 75th percentile of acceleration in standard acceleration units (g) on the Z-axis	
103 BodyAccelerationJerkDeclineX Reduction of energy spent on acceleration in standard acceleration units (g) on the X-axis	
104 BodyAccelerationJerkDeclineY Reduction of energy spent on acceleration in standard acceleration units (g) on the Y-axis	
105 BodyAccelerationJerkDeclineZ Reduction of energy spent on acceleration in standard acceleration units (g) on the Z-axis	
106 BodyAccelerationJerkCoeffX,1 Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis	
107 BodyAccelerationJerkCoeffX,2 Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis	
108 BodyAccelerationJerkCoeffX,3 Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis	
109 BodyAccelerationJerkCoeffX,4 Regression coefficient estimating acceleration in standard acceleration units (g) on the X-axis	
110 BodyAccelerationJerkCoeffY,1 Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis	
111 BodyAccelerationJerkCoeffY,2 Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis	
112 BodyAccelerationJerkCoeffY,3 Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis	
113 BodyAccelerationJerkCoeffY,4 Regression coefficient estimating acceleration in standard acceleration units (g) on the Y-axis	
114 BodyAccelerationJerkCoeffZ,1 Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis	
115 BodyAccelerationJerkCoeffZ,2 Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis	
116 BodyAccelerationJerkCoeffZ,3 Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis	
117 BodyAccelerationJerkCoeffZ,4 Regression coefficient estimating acceleration in standard acceleration units (g) on the Z-axis	
118 BodyAccelerationJerkCorrX,Y Correlation of the acceleration in standard acceleration units (g)	
119 BodyAccelerationJerkCorrX,Z Correlation of the acceleration in standard acceleration units (g)	
120 BodyAccelerationJerkCorrY,Z Correlation of the acceleration in standard acceleration units (g)	
121 BodyRotationalMeanX Average of the acceleration (in radians per second) as the participant turns on the X-axis	

	BodyRotationalMeanY	Average of the acceleration (in radians per second) as the participant turns on the Y-axis
123 E	BodyRotational Mean Z	Average of the acceleration (in radians per second) as the participant turns on the Z-axis
124 E	BodyRotationalStdDevX	Standard deviation of the acceleration (in radians per second) as the participant turns on the X-axis
125 E	BodyRotationalStdDevY	Standard deviation of the acceleration (in radians per second) as the participant turns on the Y-axis
126 E	BodyRotationalStdDevZ	Standard deviation of the acceleration (in radians per second) as the participant turns on the Z-axis
127 E	BodyRotational Median X	Median of the acceleration (in radians per second) as the participant turns on the X-axis
128 E	BodyRotational Median Y	Median of the acceleration (in radians per second) as the participant turns on the Y-axis
129 E	BodyRotational Median Z	Median of the acceleration (in radians per second) as the participant turns on the Z-axis
130 E	BodyRotationalMaxX	Maximum acceleration (in radians per second) as the participant turns on the X-axis
131 E	BodyRotationalMaxY	Maximum acceleration (in radians per second) as the participant turns on the Y-axis
132 E	BodyRotationalMaxZ	Maximum acceleration (in radians per second) as the participant turns on the Z-axis
133 E	BodyRotationalMinX	Minimum acceleration (in radians per second) as the participant turns on the X-axis
134 E	BodyRotationalMinY	Minimum acceleration (in radians per second) as the participant turns on the Y-axis
135 E	Body Rotational Min Z	Minimum acceleration (in radians per second) as the participant turns on the Z-axis
136 E	BodyRotationalMagnitude	Magnitude of the acceleration (in radians per second) as the participant turns
137 E	BodyRotationalEnergyX	Energy expended on acceleration (in radians per second) as the participant turns on the X-axis
138 E	BodyRotationalEnergyY	Energy expended on acceleration (in radians per second) as the participant turns on the Y-axis
139 E	BodyRotationalEnergyZ	Energy expended on acceleration (in radians per second) as the participant turns on the Z-axis
140 E	BodyRotationalInterQuartileRangeX	25th to 75th percentile of acceleration (in radians per second) as the participant turns on the X-axis
141 E	BodyRotationalInterQuartileRangeY	26th to 75th percentile of acceleration (in radians per second) as the participant turns on the Y-axis
142 E	BodyRotationalInterQuartileRangeZ	27th to 75th percentile of acceleration (in radians per second) as the participant turns on the Z-axis
143 E	BodyRotationalDeclineX	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the X-axis
144 E	BodyRotationalDeclineY	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the Y-axis
145 E	BodyRotationalDeclineZ	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the Z-axis
146 E	BodyRotationalCoeffX,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
147 E	BodyRotationalCoeffX,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
148 E	BodyRotationalCoeffX,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
149 E	BodyRotationalCoeffX,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
150 E	BodyRotationalCoeffY,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
151 E	BodyRotationalCoeffY,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
152 E	BodyRotationalCoeffY,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
153 E	BodyRotationalCoeffY,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
154 E	BodyRotationalCoeffZ,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
155 E	BodyRotationalCoeffZ,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
	BodyRotationalCoeffZ,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
157 E	BodyRotationalCoeffZ,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
	BodyRotationalCorrX,Y	Correlation of the acceleration (in radians per second) as the participant turns on the X-axis
159 E	BodyRotationalCorrX,Z	Correlation of the acceleration (in radians per second) as the participant turns on the Y-axis
160 E	BodyRotationalCorrY,Z	Correlation of the acceleration (in radians per second) as the participant turns on the Z-axis
161 E	BodyRotationalJerkMeanX	Average of the acceleration (in radians per second) as the participant turns on the X-axis
162 E	BodyRotationalJerkMeanY	Average of the acceleration (in radians per second) as the participant turns on the Y-axis

163 BodyRotationalJerkMeanZ	Average of the acceleration (in radians per second) as the participant turns on the Z-axis
164 BodyRotationalJerkStdDevX	Standard deviation of the acceleration (in radians per second) as the participant turns on the X-axis
165 BodyRotationalJerkStdDevY	Standard deviation of the acceleration (in radians per second) as the participant turns on the Y-axis
166 BodyRotationalJerkStdDevZ	Standard deviation of the acceleration (in radians per second) as the participant turns on the Z-axis
167 BodyRotationalJerkMedianX	
·	Median of the acceleration (in radians per second) as the participant turns on the X-axis
168 BodyRotationalJerkMedianY	Median of the acceleration (in radians per second) as the participant turns on the Y-axis
169 BodyRotationalJerkMedianZ	Median of the acceleration (in radians per second) as the participant turns on the Z-axis
170 BodyRotationalJerkMaxX	Maximum acceleration (in radians per second) as the participant turns on the X-axis
171 BodyRotationalJerkMaxY	Maximum acceleration (in radians per second) as the participant turns on the Y-axis
172 BodyRotationalJerkMaxZ	Maximum acceleration (in radians per second) as the participant turns on the Z-axis
173 BodyRotationalJerkMinX	Minimum acceleration (in radians per second) as the participant turns on the X-axis
174 BodyRotationalJerkMinY	Minimum acceleration (in radians per second) as the participant turns on the Y-axis
175 BodyRotationalJerkMinZ	Minimum acceleration (in radians per second) as the participant turns on the Z-axis
176 BodyRotationalJerkMagnitude	Magnitude of the acceleration (in radians per second) as the participant turns
177 BodyRotationalJerkEnergyX	Energy expended on acceleration (in radians per second) as the participant turns on the X-axis
178 BodyRotationalJerkEnergyY	Energy expended on acceleration (in radians per second) as the participant turns on the Y-axis
179 BodyRotationalJerkEnergyZ	Energy expended on acceleration (in radians per second) as the participant turns on the Z-axis
180 BodyRotationalJerkInterQuartileRangeX	25th to 75th percentile of acceleration (in radians per second) as the participant turns on the X-axis
181 BodyRotationalJerkInterQuartileRangeY	26th to 75th percentile of acceleration (in radians per second) as the participant turns on the Y-axis
182 BodyRotationalJerkInterQuartileRangeZ	27th to 75th percentile of acceleration (in radians per second) as the participant turns on the Z-axis
183 BodyRotationalJerkDeclineX	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the X-axis
184 BodyRotationalJerkDeclineY	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the Y-axis
185 BodyRotationalJerkDeclineZ	Reduction of energy spent on acceleration (in radians per second) as the participant turns on the Z-axis
186 BodyRotationalJerkCoeffX,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
187 BodyRotationalJerkCoeffX,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
188 BodyRotationalJerkCoeffX,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
189 BodyRotationalJerkCoeffX,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the X-axis
190 BodyRotationalJerkCoeffY,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
191 BodyRotationalJerkCoeffY,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
192 BodyRotationalJerkCoeffY,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
193 BodyRotationalJerkCoeffY,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Y-axis
194 BodyRotationalJerkCoeffZ,1	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
195 BodyRotationalJerkCoeffZ,2	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
196 BodyRotationalJerkCoeffZ,3	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
197 BodyRotationalJerkCoeffZ,4	Regression coefficient estimating acceleration (in radians per second) as the participant turns on the Z-axis
198 BodyRotationalJerkCorrX,Y	Correlation of the acceleration (in radians per second) as the participant turns on the X-axis
199 BodyRotationalJerkCorrX,Z	Correlation of the acceleration (in radians per second) as the participant turns on the Y-axis
200 BodyRotationalJerkCorrY,Z	Correlation of the acceleration (in radians per second) as the participant turns on the Z-axis
201 BodyAccelerationMagnitudeMean	Mean Magnitude of the acceleration in standard acceleration units (g)
202 BodyAccelerationMagnitudeStdDev	Standard deviation of the magnitude of the acceleration in standard acceleration units (g)
203 BodyAccelerationMagnitudeMedian	Median of the magnitude of the acceleration in standard acceleration units (g)
	(0)

_		
		Maximum magnitude of the acceleration in standard acceleration units (g)
	BodyAccelerationMagnitudeMin	Minimum magnitude of the acceleration in standard acceleration units (g)
206	BodyAccelerationMagnitudeMagnitude	Magnitude of the acceleration in standard acceleration units (g)
207	BodyAccelerationMagnitudeEnergy	Energy spent on the magnitude of the acceleration in standard acceleration units (g)
208	Body Acceleration Magnitude Inter Quartile Range	27th to 75th percentile of the acceleration in standard acceleration units (g)
209	BodyAccelerationMagnitudeDecline	Reduction of energy spent on acceleration in standard acceleration units (g)
210	BodyAccelerationMagnitudeCoeff1	Regression coefficient estimating acceleration in standard acceleration units (g)
211	BodyAccelerationMagnitudeCoeff2	Regression coefficient estimating acceleration in standard acceleration units (g)
212	BodyAccelerationMagnitudeCoeff3	Regression coefficient estimating acceleration in standard acceleration units (g)
213	BodyAccelerationMagnitudeCoeff4	Regression coefficient estimating acceleration in standard acceleration units (g)
214	GravitationalPullMagnitudeMean	Mean magnitude of the gravitational pull
215	GravitationalPullMagnitudeStdDev	Standard deviation of the gravitational pull
216	GravitationalPullMagnitudeMedian	Median magnitude of the gravitational pull
217	GravitationalPullMagnitudeMax	Maximum magnitude of the gravitational pull
218	GravitationalPullMagnitudeMin	Minimum magnitude of the gravitational pull
219	GravitationalPullMagnitudeMagnitude	Magnitude of the gravitational pull
220	GravitationalPullMagnitudeEnergy	Energy spent on the magnitude of the gravitational pull
221	Gravitational Pull Magnitude Inter Quartile Range and the property of the pr	25th to 75th percentile of the gravitational pull
222	GravitationalPullMagnitudeDecline	Reduction of energy spent on gravitational pull
223	GravitationalPullMagnitudeCoeff1	Regression coefficient estimating gravitational pull
224	GravitationalPullMagnitudeCoeff2	Regression coefficient estimating gravitational pull
225	GravitationalPullMagnitudeCoeff3	Regression coefficient estimating gravitational pull
226	GravitationalPullMagnitudeCoeff4	Regression coefficient estimating gravitational pull
227	BodyAccelerationJerkMagnitudeMean	Mean magnitude of the acceleration in standard acceleration units (g)
228	BodyAccelerationJerkMagnitudeStdDev	Standard deviation of the acceleration in standard acceleration units (g)
229	BodyAccelerationJerkMagnitudeMedian	Median magnitude of the acceleration in standard acceleration units (g)
230	BodyAccelerationJerkMagnitudeMax	Maximum magnitude of the acceleration in standard acceleration units (g)
231	BodyAccelerationJerkMagnitudeMin	Minimum magnitude of the acceleration in standard acceleration units (g)
232	BodyAccelerationJerkMagnitudeMagnitude	Magnitude of the acceleration in standard acceleration units (g)
233	BodyAccelerationJerkMagnitudeEnergy	Energy spent on the magnitude of the acceleration in standard acceleration units (g)
234	Body Acceleration Jerk Magnitude Inter Quartile	25th to 75th percentile of the acceleration in standard acceleration units (g)
235	BodyAccelerationJerkMagnitudeDecline	Reduction of energy spent on acceleration in standard acceleration units (g)
236	BodyAccelerationJerkMagnitudeCoeff1	Regression coefficient estimating acceleration in standard acceleration units (g)
237	BodyAccelerationJerkMagnitudeCoeff2	Regression coefficient estimating acceleration in standard acceleration units (g)
238	BodyAccelerationJerkMagnitudeCoeff3	Regression coefficient estimating acceleration in standard acceleration units (g)
239	BodyAccelerationJerkMagnitudeCoeff4	Regression coefficient estimating acceleration in standard acceleration units (g)
240	BodyRotationalMagnitudeMean	Mean magnitude of the acceleration (in radians per second) as the participant turns
241	BodyRotationalMagnitudeStdDev	Standard deviation of the acceleration (in radians per second) as the participant turns
242	BodyRotationalMagnitudeMedian	Median magnitude of the acceleration (in radians per second) as the participant turns
243	BodyRotationalMagnitudeMax	Maximum magnitude of the acceleration (in radians per second) as the participant turns
244	BodyRotationalMagnitudeMin	Minimum magnitude of the acceleration (in radians per second) as the participant turns

245	BodyRotationalMagnitudeMagnitude	Magnitude of the acceleration (in radians per second) as the participant turns
_	BodyRotationalMagnitudeEnergy	Energy spent on the magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalMagnitudeInterQuartileRange	25th to 75th percentile of the acceleration (in radians per second) as the participant turns
	BodyRotationalMagnitudeDecline	Reduction of energy spent on acceleration (in radians per second) as the participant turns
	BodyRotationalMagnitudeCoeff1	Regression coefficient estimating acceleration (in radians per second) as the participant turns
	BodyRotationalMagnitudeCoeff2	Regression coefficient estimating acceleration (in radians per second) as the participant turns
_	BodyRotationalMagnitudeCoeff3	Regression coefficient estimating acceleration (in radians per second) as the participant turns
_	BodyRotationalMagnitudeCoeff4	Regression coefficient estimating acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeMean	Mean magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeStdDev	Standard deviation of the acceleration (in radians per second) as the participant turns
_	BodyRotationalJerkMagnitudeMedian	Median magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeMax	Maximum magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeMin	Minimum magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeMagnitude	Magnitude of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeEnergy	Energy spent on the magnitude of the acceleration (in radians per second) as the participant turns
		25th to 75th percentile of the acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeDecline	Reduction of energy spent on acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeCoeff1	Regression coefficient estimating acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeCoeff2	Regression coefficient estimating acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeCoeff3	Regression coefficient estimating acceleration (in radians per second) as the participant turns
	BodyRotationalJerkMagnitudeCoeff4	Regression coefficient estimating acceleration (in radians per second) as the participant turns
_	BodyAccelerationMeanX	Average of the acceleration in standard acceleration units (g) on the X-axis
_	BodyAccelerationMeanY	Average of the acceleration in standard acceleration units (g) on the Y-axis
_	BodyAccelerationMeanZ	Average of the acceleration in standard acceleration units (g) on the Z-axis
269	BodyAccelerationStdDevX	Standard deviation of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationStdDevY	Standard deviation of the acceleration in standard acceleration units (g) on the Y-axis
271	BodyAccelerationStdDevZ	Standard deviation of the acceleration in standard acceleration units (g) on the Z-axis
272	BodyAccelerationMedianX	Median of the acceleration in standard acceleration units (g) on the X-axis
273	BodyAccelerationMedianY	Median of the acceleration in standard acceleration units (g) on the Y-axis
274	BodyAccelerationMedianZ	Median of the acceleration in standard acceleration units (g) on the Z-axis
275	BodyAccelerationMaxX	Maximum acceleration in standard acceleration units (g) on the X-axis
276	BodyAccelerationMaxY	Maximum acceleration in standard acceleration units (g) on the Y-axis
277	BodyAccelerationMaxZ	Maximum acceleration in standard acceleration units (g) on the Z-axis
278	BodyAccelerationMinX	Minimum acceleration in standard acceleration units (g) on the X-axis
279	BodyAccelerationMinY	Minimum acceleration in standard acceleration units (g) on the Y-axis
280	BodyAccelerationMinZ	Minimum acceleration in standard acceleration units (g) on the Z-axis
281	BodyAccelerationMagnitude	Magnitude of the acceleration in standard acceleration units (g)
282	BodyAccelerationEnergyX	Energy expended on acceleration in standard acceleration units (g) on the X-axis
283	BodyAccelerationEnergyY	Energy expended on acceleration in standard acceleration units (g) on the Y-axis
284	BodyAccelerationEnergyZ	Energy expended on acceleration in standard acceleration units (g) on the Z-axis
285	BodyAccelerationInterQuartileRangeX	25th to 75th percentile of acceleration in standard acceleration units (g) on the X-axis

286	BodyAccelerationInterQuartileRangeY	26th to 75th percentile of acceleration in standard acceleration units (g) on the Y-axis
287	BodyAccelerationInterQuartileRangeZ	27th to 75th percentile of acceleration in standard acceleration units (g) on the Z-axis
288	BodyAccelerationDeclineX	Reduction of energy spent on acceleration in standard acceleration units (g) on the X-axis
289	BodyAccelerationDeclineY	Reduction of energy spent on acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationDeclineZ	Reduction of energy spent on acceleration in standard acceleration units (g) on the Z-axis
291	BodyAccelerationMaxMagnitudeX	Maximum magnitude of the acceleration in standard acceleration units (g) on the X-axis
292	BodyAccelerationMaxMagnitudeY	Maximum magnitude of the acceleration in standard acceleration units (g) on the Y-axis
293	BodyAccelerationMaxMagnitudeZ	Maximum magnitude of the acceleration in standard acceleration units (g) on the Z-axis
294	BodyAccelerationMeanFreqX	Mean Frequency of the acceleration in standard acceleration units (g) on the X-axis
295	BodyAccelerationMeanFreqY	Mean Frequency of the acceleration in standard acceleration units (g) on the Y-axis
296	BodyAccelerationMeanFreqZ	Mean Frequency of the acceleration in standard acceleration units (g) on the Z-axis
297	BodyAccelerationskewnessX	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the X-axis
298	BodyAccelerationkurtosisX	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the X-axis
299	BodyAccelerationskewnessY	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the Y-axis
300	BodyAccelerationkurtosisY	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the Y-axis
301	BodyAccelerationskewnessZ	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the Z-axis
302	BodyAccelerationkurtosisZ	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the Z-axis
303	BodyAccelerationEnergyInRange1,8	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 8 standard units (g)
304	BodyAccelerationEnergyInRange9,16	Energy expended on acceleration in standard acceleration units (g) in the range of 9 to 16 standard units (g)
305	BodyAccelerationEnergyInRange17,24	Energy expended on acceleration in standard acceleration units (g) in the range of 17 to 24 standard units (g)
306	BodyAccelerationEnergyInRange25,32	Energy expended on acceleration in standard acceleration units (g) in the range of 25 to 32 standard units (g)
307	BodyAccelerationEnergyInRange33,40	Energy expended on acceleration in standard acceleration units (g) in the range of 33 to 40 standard units (g)
308	BodyAccelerationEnergyInRange41,48	Energy expended on acceleration in standard acceleration units (g) in the range of 41 to 48 standard units (g)
309	BodyAccelerationEnergyInRange49,56	Energy expended on acceleration in standard acceleration units (g) in the range of 49 to 56 standard units (g)
310	BodyAccelerationEnergyInRange57,64	Energy expended on acceleration in standard acceleration units (g) in the range of 57 to 64 standard units (g)
311	BodyAccelerationEnergyInRange1,16	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 16 standard units (g)
312	BodyAccelerationEnergyInRange17,32	Energy expended on acceleration in standard acceleration units (g) in the range of 17 to 32 standard units (g)
313	BodyAccelerationEnergyInRange33,48	Energy expended on acceleration in standard acceleration units (g) in the range of 33 to 48 standard units (g)
314	BodyAccelerationEnergyInRange49,64	Energy expended on acceleration in standard acceleration units (g) in the range of 49 to 64 standard units (g)
315	BodyAccelerationEnergyInRange1,24	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 24 standard units (g)
316	BodyAccelerationEnergyInRange25,48	Energy expended on acceleration in standard acceleration units (g) in the range of 25 to 48 standard units (g)
317	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
318	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
319	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
320	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
323	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
324	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
326	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second

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	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
330	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
331	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
332	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
333	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
334	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
335	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
336	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
337	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
338	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
340	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
341	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
342	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
343	${\tt Directional Change ZRelative To Gravity Mean}$	Change in direction relative to gravitational pull in radians per second
344	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
345	BodyAccelerationJerkMeanX	Average of the acceleration in standard acceleration units (g) on the X-axis
346	BodyAccelerationJerkMeanY	Average of the acceleration in standard acceleration units (g) on the Y-axis
347	BodyAccelerationJerkMeanZ	Average of the acceleration in standard acceleration units (g) on the Z-axis
348	BodyAccelerationJerkStdDevX	Standard deviation of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationJerkStdDevY	Standard deviation of the acceleration in standard acceleration units (g) on the Y-axis
350	BodyAccelerationJerkStdDevZ	Standard deviation of the acceleration in standard acceleration units (g) on the Z-axis
351	BodyAccelerationJerkMedianX	Median of the acceleration in standard acceleration units (g) on the X-axis
352	BodyAccelerationJerkMedianY	Median of the acceleration in standard acceleration units (g) on the Y-axis
353	BodyAccelerationJerkMedianZ	Median of the acceleration in standard acceleration units (g) on the Z-axis
354	BodyAccelerationJerkMaxX	Maximum acceleration in standard acceleration units (g) on the X-axis
355	BodyAccelerationJerkMaxY	Maximum acceleration in standard acceleration units (g) on the Y-axis
-	BodyAccelerationJerkMaxZ	Maximum acceleration in standard acceleration units (g) on the Z-axis
357	BodyAccelerationJerkMinX	Minimum acceleration in standard acceleration units (g) on the X-axis
358	BodyAccelerationJerkMinY	Minimum acceleration in standard acceleration units (g) on the Y-axis
359	BodyAccelerationJerkMinZ	Minimum acceleration in standard acceleration units (g) on the Z-axis
360	BodyAccelerationJerkMagnitude	Magnitude of the acceleration in standard acceleration units (g)
-	BodyAccelerationJerkEnergyX	Energy expended on acceleration in standard acceleration units (g) on the X-axis
362	BodyAccelerationJerkEnergyY	Energy expended on acceleration in standard acceleration units (g) on the Y-axis
363	BodyAccelerationJerkEnergyZ	Energy expended on acceleration in standard acceleration units (g) on the Z-axis
364	BodyAccelerationJerkInterQuartileRangeX	25th to 75th percentile of acceleration in standard acceleration units (g) on the X-axis
365	BodyAccelerationJerkInterQuartileRangeY	26th to 75th percentile of acceleration in standard acceleration units (g) on the Y-axis
366	BodyAccelerationJerkInterQuartileRangeZ	27th to 75th percentile of acceleration in standard acceleration units (g) on the Z-axis
	bodyAccelerationserkinter quartifertangez	27th to 75th percentile of acceleration in standard acceleration units (g) on the 2 axis

368	BodyAccelerationJerkDeclineY	Reduction of energy spent on acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkDeclineZ	Reduction of energy spent on acceleration in standard acceleration units (g) on the Z-axis
	BodyAccelerationJerkMaxMagnitudeX	Magnitude of the directional acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationJerkMaxMagnitudeY	Magnitude of the directional acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkMaxMagnitudeZ	Magnitude of the directional acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkMeanFreqX	Mean Frequency of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationJerkMeanFreqY	Mean Frequency of the acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkMeanFreqZ	Mean Frequency of the acceleration in standard acceleration units (g) on the 7-axis
	'	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationJerkskewnessX BodyAccelerationJerkkurtosisX	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the X-axis
	BodyAccelerationJerkskewnessY	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkkurtosisY	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the Y-axis
	BodyAccelerationJerkskewnessZ	Degree of skewness in the distribution of the acceleration in standard acceleration units (g) on the Z-axis
_	BodyAccelerationJerkkurtosisZ	Degree of kurtosis in the distribution of the acceleration in standard acceleration units (g) on the Z-axis
	BodyAccelerationJerkEnergyInRange1,8	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 8 standard units
	BodyAccelerationJerkEnergyInRange9,16	Energy expended on acceleration in standard acceleration units (g) in the range of 9 to 16 standard units
	BodyAccelerationJerkEnergyInRange17,24	Energy expended on acceleration in standard acceleration units (g) in the range of 17 to 24 standard units
	BodyAccelerationJerkEnergyInRange25,32	Energy expended on acceleration in standard acceleration units (g) in the range of 25 to 32 standard units
	BodyAccelerationJerkEnergyInRange33,40	Energy expended on acceleration in standard acceleration units (g) in the range of 33 to 40 standard units
	BodyAccelerationJerkEnergyInRange41,48	Energy expended on acceleration in standard acceleration units (g) in the range of 41 to 48 standard units
	BodyAccelerationJerkEnergyInRange49,56	Energy expended on acceleration in standard acceleration units (g) in the range of 49 to 56 standard units
	BodyAccelerationJerkEnergyInRange57,64	Energy expended on acceleration in standard acceleration units (g) in the range of 57 to 64 standard units
	BodyAccelerationJerkEnergyInRange1,16	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 16 standard units
	BodyAccelerationJerkEnergyInRange17,32	Energy expended on acceleration in standard acceleration units (g) in the range of 17 to 32 standard units
	BodyAccelerationJerkEnergyInRange33,48	Energy expended on acceleration in standard acceleration units (g) in the range of 33 to 48 standard units
_	BodyAccelerationJerkEnergyInRange49,64	Energy expended on acceleration in standard acceleration units (g) in the range of 49 to 64 standard units
	BodyAccelerationJerkEnergyInRange1,24	Energy expended on acceleration in standard acceleration units (g) in the range of 1 to 24 standard units (g)
395	BodyAccelerationJerkEnergyInRange25,48	Energy expended on acceleration in standard acceleration units (g) in the range of 25 to 48 standard units (g)
_	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
400	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
405	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
406	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
407	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
408	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second

	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
410	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
412	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
414	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
415	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
416	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
417	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
418	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
419	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
420	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
421	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
422	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
423	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
424	BodyRotationalMeanX	Average of the acceleration in radians per second as the participant turns on the X-axis
425	BodyRotationalMeanY	Average of the acceleration in radians per second as the participant turns on the Y-axis
426	BodyRotationalMeanZ	Average of the acceleration in radians per second as the participant turns on the Z-axis
427	BodyRotationalStdDevX	Standard deviation of the acceleration in radians per second as the participant turns on the X-axis
	BodyRotationalStdDevY	Standard deviation of the acceleration in radians per second as the participant turns on the Y-axis
429	BodyRotationalStdDevZ	Standard deviation of the acceleration in radians per second as the participant turns on the Z-axis
430	BodyRotationalMedianX	Median of the acceleration in radians per second as the participant turns on the X-axis
431	BodyRotationalMedianY	Median of the acceleration in radians per second as the participant turns on the Y-axis
432	BodyRotationalMedianZ	Median of the acceleration in radians per second as the participant turns on the Z-axis
433	BodyRotationalMaxX	Maximum acceleration in radians per second as the participant turns on the X-axis
434	BodyRotationalMaxY	Maximum acceleration in radians per second as the participant turns on the Y-axis
435	BodyRotationalMaxZ	Maximum acceleration in radians per second as the participant turns on the Z-axis
436	BodyRotationalMinX	Minimum acceleration in radians per second as the participant turns on the X-axis
437	BodyRotationalMinY	Minimum acceleration in radians per second as the participant turns on the Y-axis
	BodyRotationalMinZ	Minimum acceleration in radians per second as the participant turns on the Z-axis
439	BodyRotationalMagnitude	Magnitude of the acceleration in radians per second as the participant turns
	BodyRotationalEnergyX	Energy expended on acceleration in radians per second as the participant turns on the X-axis
441	BodyRotationalEnergyY	Energy expended on acceleration in radians per second as the participant turns on the Y-axis
	BodyRotationalEnergyZ	Energy expended on acceleration in radians per second as the participant turns on the Z-axis
	BodyRotationalInterQuartileRangeX	25th to 75th percentile of acceleration in radians per second as the participant turns on the X-axis
444	BodyRotationalInterQuartileRangeY	25th to 75th percentile of acceleration in radians per second as the participant turns on the Y-axis
	BodyRotationalInterQuartileRangeZ	25th to 75th percentile of acceleration in radians per second as the participant turns on the Z-axis
446	BodyRotationalDeclineX	Reduction of energy spent on acceleration in radians per second as the participant turns on the X-axis
447	BodyRotationalDeclineY	Reduction of energy spent on acceleration in radians per second as the participant turns on the Y-axis
448	BodyRotationalDeclineZ	Reduction of energy spent on acceleration in radians per second as the participant turns on the Z-axis
449	BodyRotationalMaxMagnitudeX	Maximum magnitude of the acceleration in radians per second as the participant turns on the X-axis

	BodyRotationalMaxMagnitudeY	Maximum magnitude of the acceleration in radians per second as the participant turns on the Y-axis
451	BodyRotationalMaxMagnitudeZ	Maximum magnitude of the acceleration in radians per second as the participant turns on the Z-axis
452	BodyRotationalMeanFreqX	Mean Frequency of the acceleration in radians per second as the participant turns on the X-axis
453	BodyRotationalMeanFreqY	Mean Frequency of the acceleration in radians per second as the participant turns on the Y-axis
	BodyRotationalMeanFreqZ	Mean Frequency of the acceleration in radians per second as the participant turns on the Z-axis
455	BodyRotationalskewnessX	Degree of skewness in the distribution of the acceleration in radians per second as the participant turns on the X-axis
456	BodyRotationalkurtosisX	Degree of kurtosis in the distribution of the acceleration in radians per second as the participant turns on the X-axis
457	BodyRotationalskewnessY	Degree of skewness in the distribution of the acceleration in radians per second as the participant turns on the Y-axis
458	BodyRotationalkurtosisY	Degree of kurtosis in the distribution of the acceleration in radians per second as the participant turns on the Y-axis
459	BodyRotationalskewnessZ	Degree of skewness in the distribution of the acceleration in radians per second as the participant turns on the Z-axis
	BodyRotationalkurtosisZ	Degree of kurtosis in the distribution of the acceleration in radians per second as the participant turns on the Z-axis
461	BodyRotationalEnergyInRange1,8	Acceleration in radians per second as the participant turns
462	BodyRotationalEnergyInRange9,16	Acceleration in radians per second as the participant turns
463	BodyRotationalEnergyInRange17,24	Acceleration in radians per second as the participant turns
464	BodyRotationalEnergyInRange25,32	Acceleration in radians per second as the participant turns
465	BodyRotationalEnergyInRange33,40	Acceleration in radians per second as the participant turns
466	BodyRotationalEnergyInRange41,48	Acceleration in radians per second as the participant turns
467	BodyRotationalEnergyInRange49,56	Acceleration in radians per second as the participant turns
468	BodyRotationalEnergyInRange57,64	Acceleration in radians per second as the participant turns
469	BodyRotationalEnergyInRange1,16	Acceleration in radians per second as the participant turns
470	BodyRotationalEnergyInRange17,32	Acceleration in radians per second as the participant turns
471	BodyRotationalEnergyInRange33,48	Acceleration in radians per second as the participant turns
472	BodyRotationalEnergyInRange49,64	Acceleration in radians per second as the participant turns
473	BodyRotationalEnergyInRange1,24	Acceleration in radians per second as the participant turns
474	BodyRotationalEnergyInRange25,48	Acceleration in radians per second as the participant turns
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
476	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
477	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
478	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
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	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
487	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
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489	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
490	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
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491	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
492	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
493	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
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495	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
496	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
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501	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
502	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
503	BodyAccelerationMagnitudeMean	Mean Magnitude of the acceleration in standard acceleration units (g)
504	BodyAccelerationMagnitudeStdDev	Standard deviation of the magnitude of the acceleration in standard acceleration units (g)
505	BodyAccelerationMagnitudeMedian	Median of the magnitude of the acceleration in standard acceleration units (g)
506	BodyAccelerationMagnitudeMax	Maximum magnitude of the acceleration in standard acceleration units (g)
507	BodyAccelerationMagnitudeMin	Minimum magnitude of the acceleration in standard acceleration units (g)
508	BodyAccelerationMagnitudeMagnitude	Magnitude of the acceleration in standard acceleration units (g)
509	BodyAccelerationMagnitudeEnergy	Energy spent on the magnitude of the acceleration in standard acceleration units (g)
510	BodyAccelerationMagnitudeInterQuartileRang	25th to 75th percentile of the acceleration in standard acceleration units (g)
511	BodyAccelerationMagnitudeDecline	Reduction of energy spent on acceleration in standard acceleration units (g)
512	BodyAccelerationMagnitudeMaxMagnitude	Maximum magnitude of the acceleration in standard acceleration units (g)
513	BodyAccelerationMagnitudeMeanFreq	Mean Magnitude of the frequency-oriented acceleration in standard acceleration units (g)
514	BodyAccelerationMagnitudeskewness	Magnitude of the skewness of the distribution of the acceleration in standard acceleration units (g)
515	BodyAccelerationMagnitudekurtosis	Magnitude of the kurtosis of the distribution of the acceleration in standard acceleration units (g)
516	BodyBodyAccelerationJerkMagnitudeMean	Mean Magnitude of the acceleration in standard acceleration units (g)
517	BodyBodyAccelerationJerkMagnitudeStdDev	Standard deviation of the magnitude of the acceleration in standard acceleration units (g)
518	${\tt BodyBodyAccelerationJerkMagnitudeMedian}$	Median of the magnitude of the acceleration in standard acceleration units (g)
519	BodyBodyAccelerationJerkMagnitudeMax	Maximum magnitude of the acceleration in standard acceleration units (g)
520	BodyBodyAccelerationJerkMagnitudeMin	Minimum magnitude of the acceleration in standard acceleration units (g)
521	BodyBodyAccelerationJerkMagnitudeMagnitu	Magnitude of the acceleration in standard acceleration units (g)
		Energy spent on the magnitude of the acceleration in standard acceleration units (g)
523	BodyBodyAccelerationJerkMagnitudeInterQu	25th to 75th percentile of the acceleration in standard acceleration units (g)
524	${\tt BodyBodyAccelerationJerkMagnitudeDecline}$	Reduction of energy spent on acceleration in standard acceleration units (g)
525	BodyBodyAccelerationJerkMagnitudeMaxMag	Maximum magnitude of the acceleration in standard acceleration units (g)
526	BodyBodyAccelerationJerkMagnitudeMeanFr	Mean Magnitude of the frequency-oriented acceleration in standard acceleration units (g)
527	BodyBodyAccelerationJerkMagnitudeskewnes	Magnitude of the skewness of the distribution of the acceleration in standard acceleration units (g)
528	Body Body Acceleration Jerk Magnitude kurtos is	Magnitude of the kurtosis of the distribution of the acceleration in standard acceleration units (g)
529	BodyBodyRotationalMagnitudeMean	Mean Magnitude of the change in direction relative to gravitational pull in radians per second
530	BodyBodyRotationalMagnitudeStdDev	Standard deviation of the magnitude of the change in direction relative to gravitational pull in radians per second
531	BodyBodyRotationalMagnitudeMedian	Median of the magnitude of the change in direction relative to gravitational pull in radians per second

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BodyBodyRotationalJerkMagnitudeMagnitude of the change in direction relative to gravitational pull in radians per second BodyBodyRotationalJerkMagnitudeEnergy	545	BodyBodyRotationalJerkMagnitudeMax	Maximum magnitude of the change in direction relative to gravitational pull in radians per second
548 BodyBodyRotationalJerkMagnitudeEnergy Energy spent on the magnitude of the change in direction relative to gravitational pull in radians per second 549 BodyBodyRotationalJerkMagnitudeInterQuar 25th to 75th percentile of the change in direction relative to gravitational pull in radians per second 550 BodyBodyRotationalJerkMagnitudeDecline Reduction of energy spent on change in direction relative to gravitational pull in radians per second 551 BodyBodyRotationalJerkMagnitudeMaxMagn Maximum magnitude of the change in direction relative to gravitational pull in radians per second 552 BodyBodyRotationalJerkMagnitudeMeanFreq Mean Magnitude of the frequency-oriented change in direction relative to gravitational pull in radians per second 553 BodyBodyRotationalJerkMagnitudeskewness Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second 554 BodyBodyRotationalJerkMagnitudekurtosis Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second 555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 559 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 550 DirectionalChangetRodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second	546	BodyBodyRotationalJerkMagnitudeMin	Minimum magnitude of the change in direction relative to gravitational pull in radians per second
549 BodyBodyRotationalJerkMagnitudeInterQuar 25th to 75th percentile of the change in direction relative to gravitational pull in radians per second 550 BodyBodyRotationalJerkMagnitudeDecline Reduction of energy spent on change in direction relative to gravitational pull in radians per second 551 BodyBodyRotationalJerkMagnitudeMaxMagn Maximum magnitude of the change in direction relative to gravitational pull in radians per second 552 BodyBodyRotationalJerkMagnitudeMeanFreq Mean Magnitude of the frequency-oriented change in direction relative to gravitational pull in radians per second 553 BodyBodyRotationalJerkMagnitudeskewness Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second 554 BodyBodyRotationalJerkMagnitudekurtosis Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second 555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 559 DirectionalChangetBodyRotationalJerkMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangetRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	547	BodyBodyRotationalJerkMagnitudeMagnitude	Magnitude of the change in direction relative to gravitational pull in radians per second
S50 BodyBodyRotationalJerkMagnitudeDecline Reduction of energy spent on change in direction relative to gravitational pull in radians per second	548	BodyBodyRotationalJerkMagnitudeEnergy	Energy spent on the magnitude of the change in direction relative to gravitational pull in radians per second
551 BodyBodyRotationalJerkMagnitudeMaxMagn Maximum magnitude of the change in direction relative to gravitational pull in radians per second 552 BodyBodyRotationalJerkMagnitudeMeanFreq Mean Magnitude of the frequency-oriented change in direction relative to gravitational pull in radians per second 553 BodyBodyRotationalJerkMagnitudeskewness Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second 554 BodyBodyRotationalJerkMagnitudekurtosis Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second 555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	549	Body Body Rotation al Jerk Magnitude Inter Quarter	25th to 75th percentile of the change in direction relative to gravitational pull in radians per second
552 BodyBodyRotationalJerkMagnitudeMeanFreq Mean Magnitude of the frequency-oriented change in direction relative to gravitational pull in radians per second 553 BodyBodyRotationalJerkMagnitudeskewness Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second 554 BodyBodyRotationalJerkMagnitudekurtosis Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second 555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	550	BodyBodyRotationalJerkMagnitudeDecline	Reduction of energy spent on change in direction relative to gravitational pull in radians per second
BodyBodyRotationalJerkMagnitudeskewness Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyAccelerationJerkMea Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalTerkMean Change in direction relative to gravitational pull in radians per second DirectionalChangetBodyRotationalTerkMean Change in direction relative to gravitational pull in radians per second Change in direction relative to gravitational pull in radians per second	551	Body Body Rotation al Jerk Magnitude Max Magn	Maximum magnitude of the change in direction relative to gravitational pull in radians per second
554 BodyBodyRotationalJerkMagnitudekurtosis Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second 555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	552	Body Body Rotation al Jerk Magnitude Mean Freq	Mean Magnitude of the frequency-oriented change in direction relative to gravitational pull in radians per second
555 DirectionalChangetBodyAccelerationMeanRel Change in direction relative to gravitational pull in radians per second 556 DirectionalChangetBodyAccelerationJerkMea Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	553	BodyBodyRotationalJerkMagnitudeskewness	Magnitude of the skewness of the distribution of the change in direction relative to gravitational pull in radians per second
556 DirectionalChangetBodyAccelerationJerkMea Change in direction relative to gravitational pull in radians per second 557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	554	BodyBodyRotationalJerkMagnitudekurtosis	Magnitude of the kurtosis of the distribution of the change in direction relative to gravitational pull in radians per second
557 DirectionalChangetBodyRotationalMeanRelat Change in direction relative to gravitational pull in radians per second 558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	555	${\sf Directional Changet Body Acceleration Mean Rel}$	Change in direction relative to gravitational pull in radians per second
558 DirectionalChangetBodyRotationalJerkMeanR Change in direction relative to gravitational pull in radians per second 559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	556	DirectionalChangetBodyAccelerationJerkMea	Change in direction relative to gravitational pull in radians per second
559 DirectionalChangeXRelativeToGravityMean Change in direction relative to gravitational pull in radians per second 560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	557	${\sf Directional Changet Body Rotational Mean Relation}$	Change in direction relative to gravitational pull in radians per second
560 DirectionalChangeYRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	558	${\sf Directional Changet Body Rotational Jerk Mean Relational Body Rotation}$	Change in direction relative to gravitational pull in radians per second
	559	DirectionalChangeXRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
561 DirectionalChangeZRelativeToGravityMean Change in direction relative to gravitational pull in radians per second	560	DirectionalChangeYRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second
	561	DirectionalChangeZRelativeToGravityMean	Change in direction relative to gravitational pull in radians per second

Activity Labels (new)

Key	Value
1	Walking
2	Walking Up Stairs
3	Walking Down Stairs
4	Standing
5	Sitting
6	Lying