

2 tBodyAcc-mean()-Y		Total features:	274
3 tBodyAcc-mean()-Z			
4 tBodyAcc-std()-X			
6 tBodyAcc-std()-Z			
23 tBodyAcc-entropy()-X			
24 tBodyAcc-entropy()-Y			
25 tBodyAcc-entropy()-Z			
26 tBodyAcc-arCoeff()-X,1			
27 tBodyAcc-arCoeff()-X,2			
28 tBodyAcc-arCoeff()-X,3			
29 tBodyAcc-arCoeff()-X,4			
30 tBodyAcc-arCoeff()-Y,1			
31 tBodyAcc-arCoeff()-Y,2			
32 tBodyAcc-arCoeff()-Y,3			
33 tBodyAcc-arCoeff()-Y,4			
34 tBodyAcc-arCoeff()-Z,1			
35 tBodyAcc-arCoeff()-Z,2			
36 tBodyAcc-arCoeff()-Z,3			
37 tBodyAcc-arCoeff()-Z,4			
38 tBodyAcc-correlation()-X,Y			
39 tBodyAcc-correlation()-X,Z			
40 tBodyAcc-correlation()-Y,Z			
41 tGravityAcc-mean()-X			
42 tGravityAcc-mean()-Y			
43 tGravityAcc-mean()-Z			
44 tGravityAcc-std()-X			
45 tGravityAcc-std()-Y			
46 tGravityAcc-std()-Z			
56 tGravityAcc-sma()			
58 tGravityAcc-energy()-Y			
59 tGravityAcc-energy()-Z			
63 tGravityAcc-entropy()-X			
64 tGravityAcc-entropy()-Y			

65 tGravityAcc-entropy()-Z			
66 tGravityAcc-arCoeff()-X,1			
70 tGravityAcc-arCoeff()-Y,1			
74 tGravityAcc-arCoeff()-Z,1			
78 tGravityAcc-correlation()-X,Y			
79 tGravityAcc-correlation()-X,Z			
80 tGravityAcc-correlation()-Y,Z			
81 tBodyAccJerk-mean()-X			
82 tBodyAccJerk-mean()-Y			
83 tBodyAccJerk-mean()-Z			
107 tBodyAccJerk-arCoeff()-X,2			
108 tBodyAccJerk-arCoeff()-X,3			
109 tBodyAccJerk-arCoeff()-X,4			
111 tBodyAccJerk-arCoeff()-Y,2			
112 tBodyAccJerk-arCoeff()-Y,3			
113 tBodyAccJerk-arCoeff()-Y,4			
115 tBodyAccJerk-arCoeff()-Z,2			
116 tBodyAccJerk-arCoeff()-Z,3			
117 tBodyAccJerk-arCoeff()-Z,4			
118 tBodyAccJerk-correlation()-X,Y			
119 tBodyAccJerk-correlation()-X,Z			
120 tBodyAccJerk-correlation()-Y,Z			
201 tBodyAccMag-mean()			
202 tBodyAccMag-std()			
203 tBodyAccMag-mad()			
204 tBodyAccMag-max()			
205 tBodyAccMag-min()			
206 tBodyAccMag-sma()			
207 tBodyAccMag-energy()			
208 tBodyAccMag-iqr()			
209 tBodyAccMag-entropy()			
210 tBodyAccMag-arCoeff()1			
211 tBodyAccMag-arCoeff()2			

212	tBodyAccMag-arCoeff()3			
213	tBodyAccMag-arCoeff()4			
214	tGravityAccMag-mean()			
215	tGravityAccMag-std()			
216	tGravityAccMag-mad()			
217	tGravityAccMag-max()			
218	tGravityAccMag-min()			
219	tGravityAccMag-sma()			
220	tGravityAccMag-energy()			
221	tGravityAccMag-iqr()			
222	tGravityAccMag-entropy()			
223	tGravityAccMag-arCoeff()1			
224	tGravityAccMag-arCoeff()2			
225	tGravityAccMag-arCoeff()3			
226	tGravityAccMag-arCoeff()4			
227	tBodyAccJerkMag-mean()			
228	tBodyAccJerkMag-std()			
229	tBodyAccJerkMag-mad()			
230	tBodyAccJerkMag-max()			
231	tBodyAccJerkMag-min()			
232	tBodyAccJerkMag-sma()			
233	tBodyAccJerkMag-energy()			
234	tBodyAccJerkMag-iqr()			
235	tBodyAccJerkMag-entropy()			
236	tBodyAccJerkMag-arCoeff()1			
237	tBodyAccJerkMag-arCoeff()2			
238	tBodyAccJerkMag-arCoeff()3			
239	tBodyAccJerkMag-arCoeff()4			
240	tBodyGyroMag-mean()			
242	tBodyGyroMag-mad()			
243	tBodyGyroMag-max()			
244	tBodyGyroMag-min()			
245	tBodyGyroMag-sma()			

246 tBodyGyroMag-energy()			
247 tBodyGyroMag-iqr()			
248 tBodyGyroMag-entropy()			
249 tBodyGyroMag-arCoeff()1			
250 tBodyGyroMag-arCoeff()2			
251 tBodyGyroMag-arCoeff()3			
252 tBodyGyroMag-arCoeff()4			
253 tBodyGyroJerkMag-mean()			
255 tBodyGyroJerkMag-mad()			
256 tBodyGyroJerkMag-max()			
258 tBodyGyroJerkMag-sma()			
259 tBodyGyroJerkMag-energy()			
260 tBodyGyroJerkMag-iqr()			
261 tBodyGyroJerkMag-entropy()			
262 tBodyGyroJerkMag-arCoeff()1			
263 tBodyGyroJerkMag-arCoeff()2			
264 tBodyGyroJerkMag-arCoeff()3			
265 tBodyGyroJerkMag-arCoeff()4			
266 fBodyAcc-mean()-X			
267 fBodyAcc-mean()-Y			
268 fBodyAcc-mean()-Z			
269 fBodyAcc-std()-X			
270 fBodyAcc-std()-Y			
273 fBodyAcc-mad()-Y			
274 fBodyAcc-mad()-Z			
275 fBodyAcc-max()-X			
276 fBodyAcc-max()-Y			
277 fBodyAcc-max()-Z			
278 fBodyAcc-min()-X			
279 fBodyAcc-min()-Y			
280 fBodyAcc-min()-Z			
281 fBodyAcc-sma()			
282 fBodyAcc-energy()-X			

283 fBodyAcc-energy()-Y			
284 fBodyAcc-energy()-Z			
285 fBodyAcc-iqr()-X			
286 fBodyAcc-iqr()-Y			
287 fBodyAcc-iqr()-Z			
288 fBodyAcc-entropy()-X			
289 fBodyAcc-entropy()-Y			
290 fBodyAcc-entropy()-Z			
291 fBodyAcc-maxInds-X			
292 fBodyAcc-maxInds-Y			
293 fBodyAcc-maxInds-Z			
294 fBodyAcc-meanFreq()-X			
295 fBodyAcc-meanFreq()-Y			
296 fBodyAcc-meanFreq()-Z			
297 fBodyAcc-skewness()-X			
298 fBodyAcc-kurtosis()-X			
299 fBodyAcc-skewness()-Y			
300 fBodyAcc-kurtosis()-Y			
301 fBodyAcc-skewness()-Z			
302 fBodyAcc-kurtosis()-Z			
304 fBodyAcc-bandsEnergy()-9,16			
307 fBodyAcc-bandsEnergy()-33,40			
312 fBodyAcc-bandsEnergy()-17,32			
316 fBodyAcc-bandsEnergy()-25,48			
317 fBodyAcc-bandsEnergy()-1,8			
320 fBodyAcc-bandsEnergy()-25,32			
322 fBodyAcc-bandsEnergy()-41,48			
323 fBodyAcc-bandsEnergy()-49,56			
330 fBodyAcc-bandsEnergy()-25,48			
331 fBodyAcc-bandsEnergy()-1,8			
332 fBodyAcc-bandsEnergy()-9,16			
334 fBodyAcc-bandsEnergy()-25,32			
336 fBodyAcc-bandsEnergy()-41,48			

337 fBodyAcc-bandsEnergy()-49,56		
338 fBodyAcc-bandsEnergy()-57,64		
339 fBodyAcc-bandsEnergy()-1,16		
340 fBodyAcc-bandsEnergy()-17,32		
344 fBodyAcc-bandsEnergy()-25,48		
345 fBodyAccJerk-mean()-X		
357 fBodyAccJerk-min()-X		
358 fBodyAccJerk-min()-Y		
359 fBodyAccJerk-min()-Z		
370 fBodyAccJerk-maxInds-X		
371 fBodyAccJerk-maxInds-Y		
372 fBodyAccJerk-maxInds-Z		
373 fBodyAccJerk-meanFreq()-X		
374 fBodyAccJerk-meanFreq()-Y		
375 fBodyAccJerk-meanFreq()-Z		
376 fBodyAccJerk-skewness()-X		
378 fBodyAccJerk-skewness()-Y		
380 fBodyAccJerk-skewness()-Z		
382 fBodyAccJerk-bandsEnergy()-1,8		
385 fBodyAccJerk-bandsEnergy()-25,32		
386 fBodyAccJerk-bandsEnergy()-33,40		
387 fBodyAccJerk-bandsEnergy()-41,48		
388 fBodyAccJerk-bandsEnergy()-49,56		
389 fBodyAccJerk-bandsEnergy()-57,64		
396 fBodyAccJerk-bandsEnergy()-1,8		
399 fBodyAccJerk-bandsEnergy()-25,32		
400 fBodyAccJerk-bandsEnergy()-33,40		
401 fBodyAccJerk-bandsEnergy()-41,48		
402 fBodyAccJerk-bandsEnergy()-49,56		
403 fBodyAccJerk-bandsEnergy()-57,64		
410 fBodyAccJerk-bandsEnergy()-1,8		
413 fBodyAccJerk-bandsEnergy()-25,32		
414 fBodyAccJerk-bandsEnergy()-33,40		

415 fBodyAccJerk-bandsEnergy()-41,48		
416 fBodyAccJerk-bandsEnergy()-49,56		
417 fBodyAccJerk-bandsEnergy()-57,64		
436 fBodyGyro-min()-X		
437 fBodyGyro-min()-Y		
438 fBodyGyro-min()-Z		
449 fBodyGyro-maxInds-X		
450 fBodyGyro-maxInds-Y		
451 fBodyGyro-maxInds-Z		
452 fBodyGyro-meanFreq()-X		
453 fBodyGyro-meanFreq()-Y		
454 fBodyGyro-meanFreq()-Z		
455 fBodyGyro-skewness()-X		
457 fBodyGyro-skewness()-Y		
459 fBodyGyro-skewness()-Z		
461 fBodyGyro-bandsEnergy()-1,8		
462 fBodyGyro-bandsEnergy()-9,16		
463 fBodyGyro-bandsEnergy()-17,24		
464 fBodyGyro-bandsEnergy()-25,32		
465 fBodyGyro-bandsEnergy()-33,40		
466 fBodyGyro-bandsEnergy()-41,48		
467 fBodyGyro-bandsEnergy()-49,56		
468 fBodyGyro-bandsEnergy()-57,64		
471 fBodyGyro-bandsEnergy()-33,48		
473 fBodyGyro-bandsEnergy()-1,24		
475 fBodyGyro-bandsEnergy()-1,8		
476 fBodyGyro-bandsEnergy()-9,16		
477 fBodyGyro-bandsEnergy()-17,24		
478 fBodyGyro-bandsEnergy()-25,32		
479 fBodyGyro-bandsEnergy()-33,40		
480 fBodyGyro-bandsEnergy()-41,48		
481 fBodyGyro-bandsEnergy()-49,56		
482 fBodyGyro-bandsEnergy()-57,64		

483 fBodyGyro-bandsEnergy()-1,16		
484 fBodyGyro-bandsEnergy()-17,32		
486 fBodyGyro-bandsEnergy()-49,64		
488 fBodyGyro-bandsEnergy()-25,48		
489 fBodyGyro-bandsEnergy()-1,8		
490 fBodyGyro-bandsEnergy()-9,16		
491 fBodyGyro-bandsEnergy()-17,24		
492 fBodyGyro-bandsEnergy()-25,32		
493 fBodyGyro-bandsEnergy()-33,40		
494 fBodyGyro-bandsEnergy()-41,48		
495 fBodyGyro-bandsEnergy()-49,56		
497 fBodyGyro-bandsEnergy()-1,16		
498 fBodyGyro-bandsEnergy()-17,32		
499 fBodyGyro-bandsEnergy()-33,48		
500 fBodyGyro-bandsEnergy()-49,64		
501 fBodyGyro-bandsEnergy()-1,24		
502 fBodyGyro-bandsEnergy()-25,48		
503 fBodyAccMag-mean()		
507 fBodyAccMag-min()		
512 fBodyAccMag-maxInds		
513 fBodyAccMag-meanFreq()		
514 fBodyAccMag-skewness()		
520 fBodyBodyAccJerkMag-min()		
525 fBodyBodyAccJerkMag-maxInds		
526 fBodyBodyAccJerkMag-meanFreq()		
527 fBodyBodyAccJerkMag-skewness()		
531 fBodyBodyGyroMag-mad()		
533 fBodyBodyGyroMag-min()		
538 fBodyBodyGyroMag-maxInds		
539 fBodyBodyGyroMag-meanFreq()		
540 fBodyBodyGyroMag-skewness()		
546 fBodyBodyGyroJerkMag-min()		
549 fBodyBodyGyroJerkMag-iqr()		

551 fBodyBodyGyroJerkMag-maxInds		
552 fBodyBodyGyroJerkMag-meanFreq()		
553 fBodyBodyGyroJerkMag-skewness()		
555 angle(tBodyAccMean,gravity)		
556 angle(tBodyAccJerkMean),gravityMean)		
557 angle(tBodyGyroMean,gravityMean)		
558 angle(tBodyGyroJerkMean,gravityMean)		
559 angle(X,gravityMean)		
560 angle(Y,gravityMean)		
561 angle(Z,gravityMean)		