

DATA DICTIONARY - Human Activity Recognition Using Smartphones
Dataset

ABOUT DATA:

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tBodyAcc-mean()-X 9

Mean value of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-mean()-Y" 9

Mean value of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-mean()-Z" 9

Mean value of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-std()-X" "tBodyAcc-std()-Y" "tBodyAcc-std()-Z" 9

Standard deviation of the body linear acceleration and angular
velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-mad()-X" "tBodyAcc-mad()-Y" "tBodyAcc-mad()-Z" 9

Median absolute deviation of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-max()-X" "tBodyAcc-max()-Y" "tBodyAcc-max()-Z"

Largest value in array of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-min()-X" "tBodyAcc-min()-Y" "tBodyAcc-min()-Z" 9

Smallest value in array of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-sma()" 9

Signal magnitude area of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-energy()-X" "tBodyAcc-energy()-Y" "tBodyAcc-energy()-Z"

Energy measure of of the body linear acceleration and angular velocity

Sum of the squares divided by the number of values.

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-iqr()-Z" "tBodyAcc-iqr()-X" "tBodyAcc-iqr()-Y" 9

Interquartile range of the body linear acceleration and angular velocity

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-entropy()-X" "tBodyAcc-entropy()-Y" "tBodyAcc-entropy()-Z"

Signal entropy of the body linear acceleration and angular velocity
-1..1 .0.0000000 to 1.00000000

"tBodyAcc-arCoeff()-X,1" "tBodyAcc-arCoeff()-X,2"
[28] "tBodyAcc-arCoeff()-X,3" "tBodyAcc-arCoeff()-X,4"
"tBodyAcc-arCoeff()-Y,1"
[31] "tBodyAcc-arCoeff()-Y,2" "tBodyAcc-arCoeff()-Y,3"
"tBodyAcc-arCoeff()-Y,4"
[34] "tBodyAcc-arCoeff()-Z,1" "tBodyAcc-arCoeff()-Z,2"
"tBodyAcc-arCoeff()-Z,3"
[37] "tBodyAcc-arCoeff()-Z,4"

Autoregression coefficients with Burg order equal to 4.

-1..1 .0.0000000 to 1.00000000

"tBodyAcc-correlation()-X,Y" "tBodyAcc-correlation()-X,Z"
[40] "tBodyAcc-correlation()-Y,Z"

correlation coefficient between two signals

-1..1 .0.0000000 to 1.00000000

"tGravityAcc-mean()-X" "tGravityAcc-mean()-Y"
[43] "tGravityAcc-mean()-Z"

"tGravityAcc-std()-X"
"tGravityAcc-std()-Y"

[46] "tGravityAcc-std()-Z" "tGravityAcc-mad()-X"
"tGravityAcc-mad()-Y"

[49] "tGravityAcc-mad()-Z" "tGravityAcc-max()-X"
"tGravityAcc-max()-Y"

[52] "tGravityAcc-max()-Z"	"tGravityAcc-min()-X"
"tGravityAcc-min()-Y"	
[55] "tGravityAcc-min()-Z"	"tGravityAcc-sma()"
"tGravityAcc-energy()-X"	
[58] "tGravityAcc-energy()-Y"	"tGravityAcc-energy()-Z"
"tGravityAcc-iqr()-X"	
[61] "tGravityAcc-iqr()-Y"	"tGravityAcc-iqr()-Z"
"tGravityAcc-entropy()-X"	
[64] "tGravityAcc-entropy()-Y"	"tGravityAcc-entropy()-Z"
"tGravityAcc-arCoeff()-X,1"	
[67] "tGravityAcc-arCoeff()-X,2"	"tGravityAcc-arCoeff()-X,3"
"tGravityAcc-arCoeff()-X,4"	
[70] "tGravityAcc-arCoeff()-Y,1"	"tGravityAcc-arCoeff()-Y,2"
"tGravityAcc-arCoeff()-Y,3"	
[73] "tGravityAcc-arCoeff()-Y,4"	"tGravityAcc-arCoeff()-Z,1"
"tGravityAcc-arCoeff()-Z,2"	
[76] "tGravityAcc-arCoeff()-Z,3"	"tGravityAcc-arCoeff()-Z,4"
"tGravityAcc-correlation()-X,Y"	
[79] "tGravityAcc-correlation()-X,Z"	"tGravityAcc-correlation()-Y,Z"
"tBodyAccJerk-mean()-X"	
[82] "tBodyAccJerk-mean()-Y"	"tBodyAccJerk-mean()-Z"
"tBodyAccJerk-std()-X"	
[85] "tBodyAccJerk-std()-Y"	"tBodyAccJerk-std()-Z"
"tBodyAccJerk-mad()-X"	
[88] "tBodyAccJerk-mad()-Y"	"tBodyAccJerk-mad()-Z"
"tBodyAccJerk-max()-X"	
[91] "tBodyAccJerk-max()-Y"	"tBodyAccJerk-max()-Z"
"tBodyAccJerk-min()-X"	
[94] "tBodyAccJerk-min()-Y"	"tBodyAccJerk-min()-Z"
"tBodyAccJerk-sma()"	
[97] "tBodyAccJerk-energy()-X"	"tBodyAccJerk-energy()-Y"
"tBodyAccJerk-energy()-Z"	
[100] "tBodyAccJerk-iqr()-X"	"tBodyAccJerk-iqr()-Y"
"tBodyAccJerk-iqr()-Z"	
[103] "tBodyAccJerk-entropy()-X"	"tBodyAccJerk-entropy()-Y"
"tBodyAccJerk-entropy()-Z"	

[106]	"tBodyAccJerk-arCoeff()-X,1"	"tBodyAccJerk-arCoeff()-X,2"	"tBodyAccJerk-arCoeff()-X,3"
[109]	"tBodyAccJerk-arCoeff()-X,4"	"tBodyAccJerk-arCoeff()-Y,1"	"tBodyAccJerk-arCoeff()-Y,2"
[112]	"tBodyAccJerk-arCoeff()-Y,3"	"tBodyAccJerk-arCoeff()-Y,4"	"tBodyAccJerk-arCoeff()-Z,1"
[115]	"tBodyAccJerk-arCoeff()-Z,2"	"tBodyAccJerk-arCoeff()-Z,3"	"tBodyAccJerk-arCoeff()-Z,4"
[118]	"tBodyAccJerk-correlation()-X,Y"	"tBodyAccJerk-correlation()-X,Z"	"tBodyAccJerk-correlation()-Y,Z"
[121]	"tBodyGyro-mean()-X"	"tBodyGyro-mean()-Z"	"tBodyGyro-mean()-Y"
[124]	"tBodyGyro-std()-X"	"tBodyGyro-std()-Z"	"tBodyGyro-std()-Y"
[127]	"tBodyGyro-mad()-X"	"tBodyGyro-mad()-Z"	"tBodyGyro-mad()-Y"
[130]	"tBodyGyro-max()-X"	"tBodyGyro-max()-Z"	"tBodyGyro-max()-Y"
[133]	"tBodyGyro-min()-X"	"tBodyGyro-min()-Z"	"tBodyGyro-min()-Y"
[136]	"tBodyGyro-sma()"	"tBodyGyro-energy()-Y"	"tBodyGyro-energy()-X"
[139]	"tBodyGyro-energy()-Z"	"tBodyGyro-iqr()-Y"	"tBodyGyro-iqr()-X"
[142]	"tBodyGyro-iqr()-Z"	"tBodyGyro-entropy()-Y"	"tBodyGyro-entropy()-X"
[145]	"tBodyGyro-entropy()-Z"	X,1"	"tBodyGyro-arCoeff()-X,2"
[148]	"tBodyGyro-arCoeff()-X,3"	X,4"	"tBodyGyro-arCoeff()-Y,1"
[151]	"tBodyGyro-arCoeff()-Y,2"	Y,3"	"tBodyGyro-arCoeff()-Y,4"
[154]	"tBodyGyro-arCoeff()-Z,1"	Z,2"	"tBodyGyro-arCoeff()-Z,3"
[157]	"tBodyGyro-arCoeff()-Z,4"	correlation()-X,Y"	"tBodyGyro-correlation()-X,Z"

[160] "tBodyGyro-correlation()-Y,Z" X"	"tBodyGyroJerk-mean()-Y" "	"tBodyGyroJerk-mean()-X"
[163] "tBodyGyroJerk-mean()-Z" "tBodyGyroJerk-std()-Y"		"tBodyGyroJerk-std()-X"
[166] "tBodyGyroJerk-std()-Z" "tBodyGyroJerk-mad()-Y"		"tBodyGyroJerk-mad()-X"
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[175] "tBodyGyroJerk-min()-Z" "tBodyGyroJerk-energy()-X"		"tBodyGyroJerk-sma()"
[178] "tBodyGyroJerk-energy()-Y" energy()-Z"		"tBodyGyroJerk-energy()-X"
[181] "tBodyGyroJerk-iqr()-Y" "tBodyGyroJerk-entropy()-X"		"tBodyGyroJerk-iqr()-Z"
[184] "tBodyGyroJerk-entropy()-Y" entropy()-Z"		"tBodyGyroJerk-entropy()-X,1"
[187] "tBodyGyroJerk-arCoeff()-X,2" arCoeff()-X,3"		"tBodyGyroJerk-arCoeff()-X,4"
[190] "tBodyGyroJerk-arCoeff()-Y,1" arCoeff()-Y,2"		"tBodyGyroJerk-arCoeff()-Y,3"
[193] "tBodyGyroJerk-arCoeff()-Y,4" arCoeff()-Z,1"		"tBodyGyroJerk-arCoeff()-Z,2"
[196] "tBodyGyroJerk-arCoeff()-Z,3" arCoeff()-Z,4"		"tBodyGyroJerk-correlation()-X,Y"
[199] "tBodyGyroJerk-correlation()-X,Z" correlation()-Y,Z"		"tBodyAccMag-mean()"
[202] "tBodyAccMag-std()" "tBodyAccMag-max()"		"tBodyAccMag-mad()"
[205] "tBodyAccMag-min()" "tBodyAccMag-energy()"		"tBodyAccMag-sma()"
[208] "tBodyAccMag-iqr()" "tBodyAccMag-arCoeff()1"		"tBodyAccMag-entropy()"
[211] "tBodyAccMag-arCoeff()2" arCoeff()3"		"tBodyAccMag-arCoeff()4"

[214] "tGravityAccMag-mean() "	"tGravityAccMag-std() "
"tGravityAccMag-mad() "	
[217] "tGravityAccMag-max() "	"tGravityAccMag-min() "
"tGravityAccMag-sma() "	
[220] "tGravityAccMag-energy() "	"tGravityAccMag-iqr() "
"tGravityAccMag-entropy() "	
[223] "tGravityAccMag-arCoeff() 1"	"tGravityAccMag-
arCoeff() 2"	"tGravityAccMag-arCoeff() 3"
[226] "tGravityAccMag-arCoeff() 4"	"tBodyAccJerkMag-
mean() "	"tBodyAccJerkMag-std() "
[229] "tBodyAccJerkMag-mad() "	"tBodyAccJerkMag-max() "
"tBodyAccJerkMag-min() "	
[232] "tBodyAccJerkMag-sma() "	"tBodyAccJerkMag-
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[235] "tBodyAccJerkMag-entropy() "	"tBodyAccJerkMag-
arCoeff() 1"	"tBodyAccJerkMag-arCoeff() 2"
[238] "tBodyAccJerkMag-arCoeff() 3"	"tBodyAccJerkMag-
arCoeff() 4"	"tBodyGyroMag-mean() "
[241] "tBodyGyroMag-std() "	"tBodyGyroMag-mad() "
"tBodyGyroMag-max() "	
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"tBodyGyroMag-energy() "	
[247] "tBodyGyroMag-iqr() "	"tBodyGyroMag-
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[253] "tBodyGyroJerkMag-mean() "	"tBodyGyroJerkMag-
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[262] "tBodyGyroJerkMag-arCoeff() 1"	"tBodyGyroJerkMag-
arCoeff() 2"	"tBodyGyroJerkMag-arCoeff() 3"
[265] "tBodyGyroJerkMag-arCoeff() 4"	"fBodyAcc-mean() -X"
"fBodyAcc-mean() -Y"	

[268] "fBodyAcc-mean()-Z"	"fBodyAcc-std()-X"
"fBodyAcc-std()-Y"	
[271] "fBodyAcc-std()-Z"	"fBodyAcc-mad()-X"
"fBodyAcc-mad()-Y"	
[274] "fBodyAcc-mad()-Z"	"fBodyAcc-max()-X"
"fBodyAcc-max()-Y"	
[277] "fBodyAcc-max()-Z"	"fBodyAcc-min()-X"
"fBodyAcc-min()-Y"	
[280] "fBodyAcc-min()-Z"	"fBodyAcc-sma()"
"fBodyAcc-energy()-X"	
[283] "fBodyAcc-energy()-Y"	"fBodyAcc-energy()-Z"
"fBodyAcc-iqr()-X"	
[286] "fBodyAcc-iqr()-Y"	"fBodyAcc-iqr()-Z"
"fBodyAcc-entropy()-X"	
[289] "fBodyAcc-entropy()-Y"	"fBodyAcc-entropy()-Z"
"fBodyAcc-maxInds-X"	
[292] "fBodyAcc-maxInds-Y"	"fBodyAcc-maxInds-Z"
"fBodyAcc-meanFreq()-X"	
[295] "fBodyAcc-meanFreq()-Y"	"fBodyAcc-meanFreq()-Z"
"fBodyAcc-skewness()-X"	
[298] "fBodyAcc-kurtosis()-X"	"fBodyAcc-skewness()-Y"
"fBodyAcc-kurtosis()-Y"	
[301] "fBodyAcc-skewness()-Z"	"fBodyAcc-kurtosis()-Z"
"fBodyAcc-bandsEnergy()-1,8"	
[304] "fBodyAcc-bandsEnergy()-9,16"	"fBodyAcc-
bandsEnergy()-17,24"	bandsEnergy()-25,32"
[307] "fBodyAcc-bandsEnergy()-33,40"	"fBodyAcc-
bandsEnergy()-41,48"	bandsEnergy()-49,56"
[310] "fBodyAcc-bandsEnergy()-57,64"	"fBodyAcc-
bandsEnergy()-1,16"	bandsEnergy()-17,32"
[313] "fBodyAcc-bandsEnergy()-33,48"	"fBodyAcc-
bandsEnergy()-49,64"	bandsEnergy()-1,24"
[316] "fBodyAcc-bandsEnergy()-25,48"	"fBodyAcc-
bandsEnergy()-1,8"	bandsEnergy()-9,16"
[319] "fBodyAcc-bandsEnergy()-17,24"	"fBodyAcc-
bandsEnergy()-25,32"	bandsEnergy()-33,40"

[322] "fBodyAcc-bandsEnergy()-41,48" "fBodyAcc-bandsEnergy()-49,56" "fBodyAcc-bandsEnergy()-57,64"

[325] "fBodyAcc-bandsEnergy()-1,16" "fBodyAcc-bandsEnergy()-17,32" "fBodyAcc-bandsEnergy()-33,48"

[328] "fBodyAcc-bandsEnergy()-49,64" "fBodyAcc-bandsEnergy()-1,24" "fBodyAcc-bandsEnergy()-25,48"

[331] "fBodyAcc-bandsEnergy()-1,8" "fBodyAcc-bandsEnergy()-9,16" "fBodyAcc-bandsEnergy()-17,24"

[334] "fBodyAcc-bandsEnergy()-25,32" "fBodyAcc-bandsEnergy()-33,40" "fBodyAcc-bandsEnergy()-41,48"

[337] "fBodyAcc-bandsEnergy()-49,56" "fBodyAcc-bandsEnergy()-57,64" "fBodyAcc-bandsEnergy()-1,16"

[340] "fBodyAcc-bandsEnergy()-17,32" "fBodyAcc-bandsEnergy()-33,48" "fBodyAcc-bandsEnergy()-49,64"

[343] "fBodyAcc-bandsEnergy()-1,24" "fBodyAcc-bandsEnergy()-25,48" "fBodyAccJerk-mean()-X"

[346] "fBodyAccJerk-mean()-Y" "fBodyAccJerk-mean()-Z"

"fBodyAccJerk-std()-X"

[349] "fBodyAccJerk-std()-Y" "fBodyAccJerk-std()-Z"

"fBodyAccJerk-mad()-X"

[352] "fBodyAccJerk-mad()-Y" "fBodyAccJerk-mad()-Z"

"fBodyAccJerk-max()-X"

[355] "fBodyAccJerk-max()-Y" "fBodyAccJerk-max()-Z"

"fBodyAccJerk-min()-X"

[358] "fBodyAccJerk-min()-Y" "fBodyAccJerk-min()-Z"

"fBodyAccJerk-sma()"

[361] "fBodyAccJerk-energy()-X" "fBodyAccJerk-energy()-Y" "fBodyAccJerk-energy()-Z"

[364] "fBodyAccJerk-iqr()-X" "fBodyAccJerk-iqr()-Y" "fBodyAccJerk-iqr()-Z"

[367] "fBodyAccJerk-entropy()-X" "fBodyAccJerk-entropy()-Y" "fBodyAccJerk-entropy()-Z"

[370] "fBodyAccJerk-maxInds-X" "fBodyAccJerk-maxInds-Y" "fBodyAccJerk-maxInds-Z"

[373] "fBodyAccJerk-meanFreq()-X" "fBodyAccJerk-meanFreq()-Y" "fBodyAccJerk-meanFreq()-Z"

[376] "fBodyAccJerk-skewness()-X" "fBodyAccJerk-kurtosis()-X" "fBodyAccJerk-skewness()-Y"

[379] "fBodyAccJerk-kurtosis()-Y" "fBodyAccJerk-skewness()-Z" "fBodyAccJerk-kurtosis()-Z"

[382] "fBodyAccJerk-bandsEnergy()-1,8" "fBodyAccJerk-bandsEnergy()-9,16" "fBodyAccJerk-bandsEnergy()-17,24"

[385] "fBodyAccJerk-bandsEnergy()-25,32" "fBodyAccJerk-bandsEnergy()-33,40" "fBodyAccJerk-bandsEnergy()-41,48"

[388] "fBodyAccJerk-bandsEnergy()-49,56" "fBodyAccJerk-bandsEnergy()-57,64" "fBodyAccJerk-bandsEnergy()-1,16"

[391] "fBodyAccJerk-bandsEnergy()-17,32" "fBodyAccJerk-bandsEnergy()-33,48" "fBodyAccJerk-bandsEnergy()-49,64"

[394] "fBodyAccJerk-bandsEnergy()-1,24" "fBodyAccJerk-bandsEnergy()-25,48" "fBodyAccJerk-bandsEnergy()-9,16"

[397] "fBodyAccJerk-bandsEnergy()-9,16" "fBodyAccJerk-bandsEnergy()-17,24" "fBodyAccJerk-bandsEnergy()-25,32"

[400] "fBodyAccJerk-bandsEnergy()-33,40" "fBodyAccJerk-bandsEnergy()-41,48" "fBodyAccJerk-bandsEnergy()-49,56"

[403] "fBodyAccJerk-bandsEnergy()-57,64" "fBodyAccJerk-bandsEnergy()-1,16" "fBodyAccJerk-bandsEnergy()-17,32"

[406] "fBodyAccJerk-bandsEnergy()-33,48" "fBodyAccJerk-bandsEnergy()-49,64" "fBodyAccJerk-bandsEnergy()-1,24"

[409] "fBodyAccJerk-bandsEnergy()-25,48" "fBodyAccJerk-bandsEnergy()-1,8" "fBodyAccJerk-bandsEnergy()-9,16"

[412] "fBodyAccJerk-bandsEnergy()-17,24" "fBodyAccJerk-bandsEnergy()-25,32" "fBodyAccJerk-bandsEnergy()-33,40"

[415] "fBodyAccJerk-bandsEnergy()-41,48" "fBodyAccJerk-bandsEnergy()-49,56" "fBodyAccJerk-bandsEnergy()-57,64"

[418] "fBodyAccJerk-bandsEnergy()-1,16" "fBodyAccJerk-bandsEnergy()-17,32" "fBodyAccJerk-bandsEnergy()-33,48"

[421] "fBodyAccJerk-bandsEnergy()-49,64" "fBodyAccJerk-bandsEnergy()-1,24" "fBodyAccJerk-bandsEnergy()-25,48"

[424] "fBodyGyro-mean()-X" "fBodyGyro-mean()-Y" "fBodyGyro-mean()-Z"

[427] "fBodyGyro-std()-X" "fBodyGyro-std()-Y" "fBodyGyro-std()-Z"

[430] "fBodyGyro-mad()-X"	"fBodyGyro-mad()-Y"
"fBodyGyro-mad()-Z"	
[433] "fBodyGyro-max()-X"	"fBodyGyro-max()-Y"
"fBodyGyro-max()-Z"	
[436] "fBodyGyro-min()-X"	"fBodyGyro-min()-Y"
"fBodyGyro-min()-Z"	
[439] "fBodyGyro-sma()"	"fBodyGyro-energy()-X"
"fBodyGyro-energy()-Y"	
[442] "fBodyGyro-energy()-Z"	"fBodyGyro-iqr()-X"
"fBodyGyro-iqr()-Y"	
[445] "fBodyGyro-iqr()-Z"	"fBodyGyro-entropy()-X"
"fBodyGyro-entropy()-Y"	
[448] "fBodyGyro-entropy()-Z"	"fBodyGyro-maxInds-X"
"fBodyGyro-maxInds-Y"	
[451] "fBodyGyro-maxInds-Z"	"fBodyGyro-meanFreq()-X"
"fBodyGyro-meanFreq()-Y"	
[454] "fBodyGyro-meanFreq()-Z"	"fBodyGyro-skewness()-X"
"fBodyGyro-kurtosis()-X"	
[457] "fBodyGyro-skewness()-Y"	"fBodyGyro-kurtosis()-Y"
"fBodyGyro-skewness()-Z"	
[460] "fBodyGyro-kurtosis()-Z"	"fBodyGyro-bandsEnergy()-1,8"
"fBodyGyro-bandsEnergy()-1,8"	"fBodyGyro-bandsEnergy()-9,16"
[463] "fBodyGyro-bandsEnergy()-17,24"	"fBodyGyro-bandsEnergy()-25,32"
"fBodyGyro-bandsEnergy()-25,32"	"fBodyGyro-bandsEnergy()-33,40"
[466] "fBodyGyro-bandsEnergy()-41,48"	"fBodyGyro-bandsEnergy()-49,56"
"fBodyGyro-bandsEnergy()-49,56"	"fBodyGyro-bandsEnergy()-57,64"
[469] "fBodyGyro-bandsEnergy()-1,16"	"fBodyGyro-bandsEnergy()-17,32"
"fBodyGyro-bandsEnergy()-17,32"	"fBodyGyro-bandsEnergy()-33,48"
[472] "fBodyGyro-bandsEnergy()-49,64"	"fBodyGyro-bandsEnergy()-1,24"
"fBodyGyro-bandsEnergy()-1,24"	"fBodyGyro-bandsEnergy()-25,48"
[475] "fBodyGyro-bandsEnergy()-1,8"	"fBodyGyro-bandsEnergy()-9,16"
"fBodyGyro-bandsEnergy()-9,16"	"fBodyGyro-bandsEnergy()-17,24"
[478] "fBodyGyro-bandsEnergy()-25,32"	"fBodyGyro-bandsEnergy()-33,40"
"fBodyGyro-bandsEnergy()-33,40"	"fBodyGyro-bandsEnergy()-41,48"
[481] "fBodyGyro-bandsEnergy()-49,56"	"fBodyGyro-bandsEnergy()-57,64"
"fBodyGyro-bandsEnergy()-57,64"	"fBodyGyro-bandsEnergy()-1,16"

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[484] "fBodyGyro-bandsEnergy()-17,32"          "fBodyGyro-
bandsEnergy()-33,48"          "fBodyGyro-bandsEnergy()-49,64"

[487] "fBodyGyro-bandsEnergy()-1,24"          "fBodyGyro-
bandsEnergy()-25,48"          "fBodyGyro-bandsEnergy()-1,8"

[490] "fBodyGyro-bandsEnergy()-9,16"          "fBodyGyro-
bandsEnergy()-17,24"          "fBodyGyro-bandsEnergy()-25,32"

[493] "fBodyGyro-bandsEnergy()-33,40"          "fBodyGyro-
bandsEnergy()-41,48"          "fBodyGyro-bandsEnergy()-49,56"

[496] "fBodyGyro-bandsEnergy()-57,64"          "fBodyGyro-
bandsEnergy()-1,16"          "fBodyGyro-bandsEnergy()-17,32"

[499] "fBodyGyro-bandsEnergy()-33,48"          "fBodyGyro-
bandsEnergy()-49,64"          "fBodyGyro-bandsEnergy()-1,24"

[502] "fBodyGyro-bandsEnergy()-25,48"          "fBodyAccMag-mean()"
"fBodyAccMag-std()"

[505] "fBodyAccMag-mad()"          "fBodyAccMag-max()"
"fBodyAccMag-min()"

[508] "fBodyAccMag-sma()"          "fBodyAccMag-energy()"
"fBodyAccMag-iqr()"

[511] "fBodyAccMag-entropy()"          "fBodyAccMag-maxInds"
"fBodyAccMag-meanFreq()"

[514] "fBodyAccMag-skewness()"          "fBodyAccMag-
kurtosis()"          "fBodyBodyAccJerkMag-mean()"

[517] "fBodyBodyAccJerkMag-std()"          "fBodyBodyAccJerkMag-
mad()"          "fBodyBodyAccJerkMag-max()"

[520] "fBodyBodyAccJerkMag-min()"          "fBodyBodyAccJerkMag-
sma()"          "fBodyBodyAccJerkMag-energy()"

[523] "fBodyBodyAccJerkMag-iqr()"          "fBodyBodyAccJerkMag-
entropy()"          "fBodyBodyAccJerkMag-maxInds"

[526] "fBodyBodyAccJerkMag-meanFreq()"          "fBodyBodyAccJerkMag-
skewness()"          "fBodyBodyAccJerkMag-kurtosis()"

[529] "fBodyBodyGyroMag-mean()"          "fBodyBodyGyroMag-
std()"          "fBodyBodyGyroMag-mad()"

[532] "fBodyBodyGyroMag-max()"          "fBodyBodyGyroMag-
min()"          "fBodyBodyGyroMag-sma()"

[535] "fBodyBodyGyroMag-energy()"          "fBodyBodyGyroMag-
iqr()"          "fBodyBodyGyroMag-entropy()"

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[538] "fBodyBodyGyroMag-maxInds" "fBodyBodyGyroMag-
meanFreq()" "fBodyBodyGyroMag-skewness()"

[541] "fBodyBodyGyroMag-kurtosis()" "fBodyBodyGyroJerkMag-
mean()" "fBodyBodyGyroJerkMag-std()"

[544] "fBodyBodyGyroJerkMag-mad()" "fBodyBodyGyroJerkMag-
max()" "fBodyBodyGyroJerkMag-min()"

[547] "fBodyBodyGyroJerkMag-sma()" "fBodyBodyGyroJerkMag-
energy()" "fBodyBodyGyroJerkMag-iqr()"

[550] "fBodyBodyGyroJerkMag-entropy()" "fBodyBodyGyroJerkMag-
maxInds" "fBodyBodyGyroJerkMag-meanFreq()"

[553] "fBodyBodyGyroJerkMag-skewness()" "fBodyBodyGyroJerkMag-
kurtosis()" "angle(tBodyAccMean,gravity)"

[556] "angle(tBodyAccJerkMean),gravityMean)"
"angle(tBodyGyroMean,gravityMean)"
"angle(tBodyGyroJerkMean,gravityMean)"

[559] "angle(X,gravityMean)" "angle(Y,gravityMean)"
"angle(Z,gravityMean)"

[562] "subject" "activity"

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