Variable name Character of subject_ID integer	f variable Description of variable volunteer number that took part in the experiment	Values 1:30	Additional comments
		WALKING	
		WALKING_UPSTAIRS	
		WALKING_DOWNSTAIRS	
		SITTING	
		STANDING	
activity character	performed activity during the experiment	LAYING	
activity_ID integer	id of the activity	1: 6	
+PoduAce moon V	Average mean of body time signals from	[1.1]	normalized values inclusits of measurement
tBodyAcc_mean_X numerical	accelerometer obtained during particular activity [X Average mean of body time signals from	[-1;1]	normalised values - no units of measurement
tBodyAcc_mean_Y numerical	accelerometer obtained during particular activity [Y	[-1;1]	normalised values - no units of measurement
tseay/tes_mean	Average mean of body time signals from	[-1,-]	normansea values in anias or measurement
tBodyAcc_mean_Z numerical	accelerometer obtained during particular activity [Z	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body time signals		
tBodyAcc_std_X numerical	from accelerometer obtained during particular	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body time signals		
tBodyAcc_std_Y numerical	from accelerometer obtained during particular	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body time signals		
	from accelerometer obtained during particular	f a al	
tBodyAcc_std_Z numerical	activity [Z axis]	[-1;1]	normalised values - no units of measurement
tGravityAcc mean X numerical	Average mean of gravity time signals from	[1:1]	normalised values - no units of measurement
tGravityAcc_mean_x indinerical	accelerometer obtained during particular activity [X Average mean of gravity time signals from	[-1;1]	normalised values - no units of measurement
tGravityAcc mean Y numerical	accelerometer obtained during particular activity [Y	[-1;1]	normalised values - no units of measurement
Tanierical municical	Average mean of gravity time signals from	L -/+3	Assistance raides no units of measurement
tGravityAcc_mean_Z numerical	accelerometer obtained during particular activity [Z	[-1;1]	normalised values - no units of measurement
, = =	Average standard deviation of gravity time signals		
	from accelerometer obtained during particular		
tGravityAcc_std_X numerical	activity [X axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of gravity time signals		
	from accelerometer obtained during particular		
tGravityAcc_std_Y numerical	activity [Y axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of gravity time signals		
t Considerate and 7	from accelerometer obtained during particular	[4 4]	and the state of t
tGravityAcc_std_Z numerical	activity [Z axis] Average mean of body linear signals from	[-1;1]	normalised values - no units of measurement
	accelerometer derived in time to Jerk signals		
tBodyAccJerk mean X numerical	obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
is a superior of the superior	Average mean of body linear signals from	[-1,-]	normansea values in anias or measurement
	accelerometer derived in time to Jerk signals		
tBodyAccJerk_mean_Y numerical	obtained during particular activity [Y axis]	[-1;1]	normalised values - no units of measurement
	Average mean of body linear signals from		
	accelerometer derived in time to Jerk signals		
tBodyAccJerk_mean_Z numerical	obtained during particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body linear signals		
	from accelerometer derived in time to Jerk signals		
tBodyAccJerk_std_X numerical	obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body linear signals		
tBodyAccJerk std Y numerical	from accelerometer derived in time to Jerk signals obtained during particular activity [Y axis]	[1.1]	normalised values - no units of measurement
TBOUYACGER_Stu_f Inumerical	Average standard deviation of body linear signals	[-1;1]	Hormanised values - no units of measurement
	from accelerometer derived in time to Jerk signals		
tBodyAccJerk_std_Z numerical	obtained during particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
	0,100,000,000,000,000,000		
	Average mean of body time signals from gyroscope		
tBodyGyro_mean_X numerical	obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
	Average mean of body time signals from gyroscope		
tBodyGyro_mean_Y numerical	obtained during particular activity [Y axis]	[-1;1]	normalised values - no units of measurement
	Average many of heads about 1 to 1		
AD a du Curra mana 7	Average mean of body time signals from gyroscope	[1.1]	manuscript of the second secon
tBodyGyro_mean_Z numerical	obtained during particular activity [Z axis] Average standard deviation of body time signals	[-1;1]	normalised values - no units of measurement
	from gyroscope obtained during particular activity [X		
tBodyGyro_std_X numerical	axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body time signals	L -/+3	Assistance raides no units of measurement
	from gyroscope obtained during particular activity [Y		
tBodyGyro_std_Y numerical	axis]	[-1;1]	normalised values - no units of measurement
	Average standard deviation of body time signals		
	from gyroscope obtained during particular activity [Z		
tBodyGyro_std_Z numerical	axis]	[-1;1]	normalised values - no units of measurement
	Average mean of body linear signals from gyroscope		
	derived in time to Jerk signals obtained during		
tBodyGyroJerk_mean_X numerical	particular activity [X axis]	[-1;1]	normalised values - no units of measurement
	Average mean of body linear signals from gyroscope		
tBodyGyrolork moon V	derived in time to Jerk signals obtained during particular activity [Y axis]	[1:1]	normalized values in a units of measures and
tBodyGyroJerk_mean_Y numerical	Average mean of body linear signals from gyroscope	[-1;1]	normalised values - no units of measurement
	derived in time to Jerk signals obtained during		
	actives in time to seriosignals obtained during		1
tBodyGyroJerk mean Z numerical	particular activity [Z axis]	[-1;1]	normalised values - no units of measurement

	1	Average standard deviation of body linear signals	<u> </u>	
		from gyroscope derived in time to Jerk signals		
tBodyGyroJerk_std_X	numerical	obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
tbouydyrozerk_sta_x		Average standard deviation of body linear signals		
		from gyroscope derived in time to Jerk signals		
tBodyGyroJerk_std_Y	numerical	obtained during particular activity [Y axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body linear signals from gyroscope derived in time to Jerk signals		
tBodyGyroJerk_std_Z	numerical	obtained during particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
		Average mean of magnitude of three-dimensional	[[-/-]	
		body signals from accelerometer derived in time		
tBodyAccMag_mean	numerical	obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average standard deviation of magnitude of three-		
+PodyAccMag ctd	numarical	dimensional body signals from accelerometer derived in time obtained during particular activity	[-1;1]	normalised values - no units of measurement
tBodyAccMag_std	numerical	Average mean of magnitude of three-dimensional	[-1,1]	normansed values - no units of measurement
		gravity signals from accelerometer derived in time		
tGravityAccMag_mean	numerical	obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average standard deviation of magnitude of three-		
		dimensional gravity signals from accelerometer	[4.4]	
tGravityAccMag_std	numerical	derived in time obtained during particular activity Average mean of magnitude of three-dimensional	[-1;1]	normalised values - no units of measurement
		body signals from accelerometer derived in time to		
tBodyAccJerkMag mean	numerical	Jerk signals obtained during particular activity	[-1;1]	normalised values - no units of measurement
, 0_		Average standard deviation of magnitude of three-		
		dimensional body signals from accelerometer		
		derived in time to Jerk signals obtained during		
tBodyAccJerkMag_std	numerical	particular activity Average mean of magnitude of three-dimensional	[-1;1]	normalised values - no units of measurement
		body signals from gyroscope derived in time		
tBodyGyroMag_mean	numerical	obtained during particular activity	[-1;1]	normalised values - no units of measurement
0_		Average standard deviation of magnitude of three-	. , ,	
		dimensional body signals from gyroscope derived in		
tBodyGyroMag_std	numerical	time obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average mean of magnitude of three-dimensional		
tBodyGyroJerkMag_mean	numerical	body signals from gyroscope derived in time to Jerk signals obtained during particular activity	[-1;1]	normalised values - no units of measurement
tbody Gyroserkiviag_mean	numerical	Average standard deviation of magnitude of three-	[+,+]	normalised values in amis of measurement
		dimensional body signals from gyroscope derived in		
		time to Jerk signals obtained during particular		
tBodyGyroJerkMag_std	numerical	activity	[-1;1]	normalised values - no units of measurement
		Average mean of body frequency signals from		
fBodyAcc mean X	numerical	accelerometer obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
IbodyAcc_inean_x	numerical	Average mean of body frequency signals from	[-1,1]	normalised values - no units of measurement
		accelerometer obtained during particular activity [Y		
fBodyAcc_mean_Y	numerical	axis]	[-1;1]	normalised values - no units of measurement
		Average mean of body frequency signals from		
(D - d - A 7		accelerometer obtained during particular activity [Z	[4 4]	and the state of t
fBodyAcc_mean_Z	numerical	axis] Average standard deviation of body frequency	[-1;1]	normalised values - no units of measurement
		signals from accelerometer obtained during		
fBodyAcc_std_X	numerical	particular activity [X axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body frequency		
		signals from accelerometer obtained during		
fBodyAcc_std_Y	numerical	particular activity [Y axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body frequency signals from accelerometer obtained during		
fBodyAcc std Z	numerical	particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
15047.100_514_2	indirection:	Average mean of body linear signals from	[2,2]	normansea variaes instanto el measarement
		accelerometer derived in frequency to Jerk signals		
fBodyAccJerk_mean_X	numerical	obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
		Average mean of body linear signals from		
fD - d. A - d. d	numerical	accelerometer derived in frequency to Jerk signals obtained during particular activity [Y axis]	[1.1]	normalized values includits of measurement
fBodyAccJerk_mean_Y	Humerical	Average mean of body linear signals from	[-1;1]	normalised values - no units of measurement
		accelerometer derived in frequency to Jerk signals		
fBodyAccJerk_mean_Z	numerical	obtained during particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body linear signals		
fBodyAccJerk_std_X		from accelerometer derived in frequency to Jerk	54.43	
	numerical	signals obtained during particular activity [X axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body linear signals from accelerometer derived in frequency to Jerk		
fBodyAccJerk_std_Y	numerical	signals obtained during particular activity [Y axis]	[-1;1]	normalised values - no units of measurement
issayricacin_stu_i		Average standard deviation of body linear signals	, /=1	The state of the s
		from accelerometer derived in frequency to Jerk		
fBodyAccJerk_std_Z	numerical	signals obtained during particular activity [Z axis]	[-1;1]	normalised values - no units of measurement
		Average many of heads for every		
fBodyGyro_mean_X	numerical	Average mean of body frequency signals from gyroscope obtained during particular activity [X axis]	[_1:1]	normalised values - no units of measurement
ibouyoyio_iiicaii_A	numerical	Byroscope obtained during particular activity [X dXIS]	[[+,+]	normansed values - no units of measurement
		Average mean of body frequency signals from		
fBodyGyro_mean_Y	numerical	gyroscope obtained during particular activity [Y axis]	[-1;1]	normalised values - no units of measurement

r	1		I	
		Average mean of body frequency signals from		
fBodyGyro_mean_Z	numerical	gyroscope obtained during particular activity [Z axis]	[-1:1]	normalised values - no units of measurement
		Average standard deviation of body frequency	. , ,	
		signals from gyroscope obtained during particular		
fBodyGyro_std_X	numerical	activity [X axis]	[-1;1]	normalised values - no units of measurement
		Average standard deviation of body frequency	[-/-]	
		signals from gyroscope obtained during particular		
fBodyGyro_std_Y	numerical		[-1;1]	normalised values - no units of measurement
		Average standard deviation of body frequency	[-/-]	
		signals from gyroscope obtained during particular		
fBodyGyro std Z	numerical	activity [Z axis]	[-1;1]	normalised values - no units of measurement
1550y0y10_5ta_E		Average mean of magnitude of three-dimensional	. , ,	
		body signals from accelerometer derived in		
fBodyAccMag mean	numerical	frequency obtained during particular activity	[-1;1]	normalised values - no units of measurement
- Body recinds_incur		Average standard deviation of magnitude of three-	. , ,	
		dimensional body signals from accelerometer		
fBodyAccMag std	numerical	derived in frequency obtained during particular	[-1;1]	normalised values - no units of measurement
		Average mean of magnitude of three-dimensional		
		body signals from accelerometer derived in		
fBodyBodyAccJerkMag mean	numerical	frequency to Jerk signals obtained during particular	[-1;1]	normalised values - no units of measurement
		Average standard deviation of magnitude of three-		
		dimensional body signals from accelerometer		
		derived in frequency to Jerk signals obtained during		
fBodyBodyAccJerkMag_std	numerical	particular activity	[-1;1]	normalised values - no units of measurement
, , , , , ,		Average mean of magnitude of three-dimensional		
		body signals from gyroscope derived in frequency		
fBodyBodyGyroMag_mean	numerical	obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average standard deviation of magnitude of three-		
		dimensional body signals from gyroscope derived in		
fBodyBodyGyroMag_std	numerical	frequency obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average mean of magnitude of three-dimensional		
		body signals from gyroscope derived in frequency to		
fBodyBodyGyroJerkMag_mean	numerical	Jerk signals obtained during particular activity	[-1;1]	normalised values - no units of measurement
		Average standard deviation of magnitude of three-		
		dimensional body signals from gyroscope derived in		
		frequency to Jerk signals obtained during particular		
fBodyBodyGyroJerkMag_std	numerical	activity	[-1;1]	normalised values - no units of measurement