subje	ect	activit	y f	eatI	Domain	feat	Accele	eratio	on		
feat	Instru	ument fe	eatJe	rk	featMagnit	tude	feat	/ariak	ole	feat	∖xis
count		average									
1	LAYI		ime N	ΙA	Gyroscope	NA	NA	Mean	X		
50 1	LAYI	L6553093	ime N	17\	Gyroscope	NT 7N	NA	Mean	v		
50		54486124		IA	Gyloscope	IVA	IVA	Mean	1		
1	LAYI		ime N	ΙΆ	Gyroscope	NA	NA	Mean	7.	50	
	868943				-7				_		
1	LAYI	NG T	ime N	ΙA	Gyroscope	NA	NA	SD	X		
50	-0.87	73543867	782								
1			ime N	ΙA	${\tt Gyroscope}$	NA	NA	SD	Y		
50		51090440									
1	LAYI		ime N	ΙA	Gyroscope	NA	NA	SD	Z		
50		08284662		. 73	<b>G</b>	377	M =	- ا	M = = ==	37.7	
1 50	LAYI	nG 11 74759548	ime N	IA	Gyroscope	NA	Magni	Ltuae	Mean	NA	
1	LAYI		ime N	1.77	Gyroscope	NΙΔ	Magn	i + 11de	GD.	NA	
50		L9010169		iA	дугозсоре	INT	Magiii	Lcude	שט	IVA	
1	LAYI		ime N	ΙA	Gyroscope	Jerk	NA	Mean	X		
50		7270949			-1						
1	LAYI	NG T	ime N	ΙA	Gyroscope	Jerk	NA	Mean	Y		
50	-0.04	1517286	589								
1	LAYII		ime N	ΙA	${\tt Gyroscope}$	Jerk	NA	Mean	$\mathbf{Z}$		
50		7405012									
1			ime N	ΙA	Gyroscope	Jerk	NA	SD	X		
50		L8608520		. 73	<b>G</b>	T1-	37.7	an	37		
1 50	LAYI	57907243	ime N	IA	Gyroscope	Jerk	NA	SD	Y		
1	LAYI		ime N	[Δ	Gyroscope	Jerk	NΔ	SD	Z		
50		57790159		12.1	Суговсорс	OCIK	1421	DD	_		
1	LAYII		ime N	ΙA	Gyroscope	Jerk	Magni	itude	Mean	NA	
50	-0.96	346103			1		,				
1	LAYI	NG T	ime N	ΙA	Gyroscope	Jerk	Magni	itude	SD	NA	
50	-0.93	35840982									
1	LAYII		ime B	ody	Accelerome	eter	NA	NA	Mean	X	50
	159824			-							
1	LAYI			-	Accelerome	eter	NA	NA	Mean	Y	
50 1		10513953			Aggolorom	otor	NT 7N	NT 70	Moan	7	
50	LAYII	1320355		ouy	Accelerome	erer	NA	NA	Mean	Zi	
1	LAYI			odv	Accelerome	eter	NA	NA	SD	X	
50		28056469		, cuj	11000101011	3001	-11-1	-11-1	22		
1	LAYI			ody	Accelerome	eter	NA	NA	SD	Y	
50	-0.83	36827405		_							
1	LAYI	1G T:	ime B	ody	Accelerome	eter	NA	NA	SD	Z	
50	-0.82	2606140	L628								

1 50	LAYING -0.841929		Body	Accel	Lerome	eter	NA	Magn	itude	Mean	NA
1	LAYING	Time	Body	Accel	Lerome	eter	NA	Magn	itude	SD	NA
50 1	-0.7951448 LAYING		Body	Accel	Lerome	eter	Jerk	NA	Mean	X	50
0.081 1	10865342 LAYING	Time	Body	Accel	Lerome	eter	Jerk	NA	Mean	Y	50
0.003	3838204008 LAYING		Body	Accel	Lerome	eter	Jerk	NA	Mean	Z	50
	0834236361		_								
1 50	LAYING -0.958482		Body	Acce]	Lerome	eter	Jerk	NA	SD	X	
1	LAYING		Body	Accel	lerome	eter	Jerk	NΑ	SD	Y	
50	-0.924149		Воау	11000	LCLOIR	JUCI	OCIK	1421	OD.	•	
1	LAYING		Body	Acce	Lerome	eter	Jerk	NA	SD	Z	
50	-0.954855		1							_	
1	LAYING		Body	Accel	Lerome	eter	Jerk	Magn	itude	Mean	NA
50	-0.954396		-					,			
1	LAYING	Time	Body	Accel	Lerome	eter	Jerk	Magn	itude	SD	NA
50	-0.928245	6284									
1	LAYING	Time	Gravi	ity	Acce	lerome	eter	NA	NA	Mean	X
50	-0.248881	79828									
1	LAYING	Time	Gravi	ity	Acce	lerome	eter	NA	NA	Mean	Y
50	0.7055497	7346									
1	LAYING	Time	Gravi	ity	Acce	lerome	eter	NA	NA	Mean	Z
50	0.4458177	198									
1	LAYING	Time	Gravi	ity	Accel	lerome	eter	NA	NA	SD	X
50	-0.896830										
1	LAYING		Gravi	ity	Accel	lerome	eter	NA	NA	SD	Y
50	-0.907720	00676									
1	LAYING		Gravi	ity	Accel	lerome	eter	NA	NA	SD	Z
50	-0.852366										
1	LAYING	Time	Gravi	ity	Acce	lerome	eter	NA	Magn	itude	Mean
NA	50 -0.8										
1	LAYING			ity	Acce	lerome	eter	NA	Magn	itude	SD
NA	50 -0.79	951448	36386								
1	LAYING	_		Gyros	scope	NA	NA	Mean	X		
50	-0.850249										
1	LAYING	_	NA	Gyros	scope	NA	NA	Mean	Y		
50	-0.952191										
1	LAYING	_	NA	Gyros	scope	NA	NA	Mean	$\mathbf{Z}$		
50	-0.909302										
1	LAYING	_	NA	Gyros	scope	NA	NA	SD	X		
50	-0.882296										
1	LAYING	_	NA	Gyros	scope	NA	NA	SD	Y		
50	-0.951232			_					_		
1	LAYING	Freq	NA	Gyros	scope	NA	NA	SD	Z		

LAYING	50	-0.9165825082								
1			r NA	Gyroscope	NΑ	Magn	i tude	Mean	NΑ	
1 LAYING Freq NA Gyroscope NA Magnitude SD NA			1 11/11	dyrobcope	1421	magii.	Leade	iicaii	1421	
1			ı NA	Gyroscope	NΑ	Magn	i tude	SD	NΑ	
LAYING			_	Cyroboope	1111	114911	Luuc	OD.	1111	
50				Gyroscope	Jerk	Magn	i + 11de	Mean	NΑ	
LAYING			1 11/1	dyroscope	OCIK	riagii.	Lcuuc	ricuii	1471	
50			r NTΔ	Gyroscope	Tork	Magn	abu+i	GD.	NΔ	
LAYING			1 1177	dyroscope	OCIK	magii.	Lcude	מט	INT	
1			r Body	Accelerom	ator	NΙΔ	NΔ	Moan	v	
LAYING			Dody	neceteroni		1471	1471	ricuii	Λ	
The color of the			r Body	Accelerom	otor	NΔ	NΔ	Mean	v	
LAYING		· ·		neceteroni		1471	1471	ricuii	1	
1				Accelerom	otor	NΔ	NΔ	Mean	7.	
LAYING			Dody	necescioni		1471	1471	ricuii	2	
-0.9244374346  1 LAYING Freq Body Accelerometer NA NA SD Y  50 -0.8336255561  1 LAYING Freq Body Accelerometer NA NA SD Z  50 -0.81289155944  1 LAYING Freq Body Accelerometer NA Magnitude Mean NA  50 -0.8617676481  1 LAYING Freq Body Accelerometer NA Magnitude SD NA  50 -0.7983009404  1 LAYING Freq Body Accelerometer Jerk NA Mean X  50 -0.9570738838  1 LAYING Freq Body Accelerometer Jerk NA Mean Y  50 -0.9224626098  1 LAYING Freq Body Accelerometer Jerk NA Mean Z  50 -0.9480609042  1 LAYING Freq Body Accelerometer Jerk NA SD X  50 -0.9641607086  1 LAYING Freq Body Accelerometer Jerk NA SD Y  50 -0.9322178704  1 LAYING Freq Body Accelerometer Jerk NA SD Z  50 -0.933003608  1 LAYING Freq Body Accelerometer Jerk NA SD Z  50 -0.933003608  1 LAYING Freq Body Accelerometer Jerk NA SD Z  50 -0.933003608  1 LAYING Freq Body Accelerometer Jerk Magnitude Mean NA  50 -0.933003608  1 LAYING Freq Body Accelerometer Jerk Magnitude SD NA  50 -0.9218039756  1 SITTING Time NA Gyroscope NA NA Mean X  47 -0.045350056512766  1 SITTING Time NA Gyroscope NA NA Mean Y  47 -0.0919241549361702  1 SITTING Time NA Gyroscope NA NA Mean Z 47			r Body	Accelerome	eter	NΑ	NΑ	SD	x	
LAYING			Dody	necescioni		1471	1471	DD	Λ	
-0.8336255561  LAYING Freq Body Accelerometer NA NA SD Z  -0.81289155944  LAYING Freq Body Accelerometer NA Magnitude Mean NA  -0.8617676481  LAYING Freq Body Accelerometer NA Magnitude SD NA  -0.7983009404  LAYING Freq Body Accelerometer Jerk NA Mean X  -0.9570738838  LAYING Freq Body Accelerometer Jerk NA Mean Y  -0.9224626098  LAYING Freq Body Accelerometer Jerk NA Mean Z  -0.9224626098  LAYING Freq Body Accelerometer Jerk NA Mean Z  -0.9480609042  LAYING Freq Body Accelerometer Jerk NA SD X  -0.9480607086  LAYING Freq Body Accelerometer Jerk NA SD X  -0.9641607086  LAYING Freq Body Accelerometer Jerk NA SD Z  -0.9332178704  LAYING Freq Body Accelerometer Jerk NA SD Z  -0.99332178704  LAYING Freq Body Accelerometer Jerk NA SD Z  LAYING Freq Body Accelerometer Jerk Magnitude Mean NA  -0.9333003608  LAYING Freq Body Accelerometer Jerk Magnitude SD NA  -0.9318039756  SITTING Time NA Gyroscope NA NA Mean X  -0.045350056512766  SITTING Time NA Gyroscope NA NA Mean Y  -0.00919241549361702  SITTING Time NA Gyroscope NA NA Mean Y			r Body	Accelerome	eter	NΑ	NΑ	SD	v	
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1       LAYING       Freq Body Accelerometer       Jerk NA       Mean X         50       -0.9570738838       ILAYING       Freq Body Accelerometer       Jerk NA       Mean Y         50       -0.9224626098       ILAYING       Freq Body Accelerometer       Jerk NA       Mean Z         50       -0.9480609042       ILAYING       Freq Body Accelerometer       Jerk NA       SD       X         50       -0.9641607086       ILAYING       Freq Body Accelerometer       Jerk NA       SD       Y         50       -0.9322178704       ILAYING       Freq Body Accelerometer       Jerk NA       SD       Z         50       -0.9605869872       ILAYING       Freq Body Accelerometer       Jerk Magnitude Mean NA         50       -0.9333003608       ILAYING       Freq Body Accelerometer       Jerk Magnitude SD       NA         50       -0.9218039756       ISITTING       Time NA       Gyroscope NA       NA       Mean X         47       -0.045350056512766       ISITTING       Time NA       Gyroscope NA       NA       Mean Y         47       -0.0919241549361702       IMA       NA       Mean Z       47			Doay	neceseson		1421	magii.	Lcuuc	DD	1421
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1       LAYING       Freq Body Accelerometer       Jerk NA       Mean Y         50       -0.9224626098       1       LAYING       Freq Body Accelerometer       Jerk NA       Mean Z         50       -0.9480609042       1       LAYING       Freq Body Accelerometer       Jerk NA       SD       X         50       -0.9641607086       1       LAYING       Freq Body Accelerometer       Jerk NA       SD       Y         50       -0.9322178704       1       LAYING       Freq Body Accelerometer       Jerk NA       SD       Z         50       -0.9605869872       1       LAYING       Freq Body Accelerometer       Jerk Magnitude Mean NA         50       -0.9333003608       1       LAYING       Freq Body Accelerometer       Jerk Magnitude SD       NA         50       -0.9218039756       1       SITTING       Time NA       Gyroscope NA       NA       Mean X         47       -0.045350056512766       1       SITTING       Time NA       Gyroscope NA       NA       Mean Y         47       -0.0919241549361702       1       SITTING       Time NA       Gyroscope NA       NA       Mean Z       47			Doay	neceseson	2001	OCIN	1421	iicaii	21	
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<b>1</b>				Gyroscope	NA	NA	Mean	Z	47	
			- · <del>-</del>	7			<b>-</b>			

1	SITTING	Time NA	Gyroscope	NA	NA	SD	X		
47 1	-0.9772113 SITTING	283191489 Time NA	Gyroscope	NA	NA	SD	Y		
47	-0.966473		-1				_		
1	SITTING	Time NA	Gyroscope	NA	NA	SD	Z		
47	-0.941425				_	_			
1	SITTING	Time NA	Gyroscope	NA	Magni	tude	Mean	NA	
47 1	-0.930892	Time NA	Gyroscope	NΙΔ	Magni	+11de	GD.	NA	
47	-0.934531		дуговсоре	IVA	Magiii	cude	סט	IVA	
1	SITTING		Gyroscope	Jerk	NA	Mean	X		
47	-0.093679	3807234043							
1	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
47		8124255319		<b>-</b> 1			_		
1 47	SITTING -0.046702	Time NA	Gyroscope	Jerk	NA	Mean	Z		
1	SITTING	Time NA	Gyroscope	Jerk	NΑ	SD	Х		
47	-0.991731		Суговсорс	OCIN	1111	DD	21		
1	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Y		
47	-0.989518	068510638							
1	SITTING	Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
47	-0.987935			<b>-</b> 1					
1 47	SITTING -0.991976	Time NA	Gyroscope	Jerk	Magni	tude	Mean	NA	
1	SITTING	Time NA	Gyroscope	Jerk	Magni	tude	SD	NA	
47	-0.988308		Cyroboope	OCIN	1149111	cuuc	S.D	1111	
1	SITTING	Time Body	Accelerome	eter	NA	NA	Mean	X	47
0.26	1237565425	532							
1	SITTING	_	Accelerome	eter	NA	NA	Mean	Y	
47		28765170213		. 1	373	373	<b>M</b>		
1 47	SITTING -0.104544	-	Accelerome	eter	NA	NA	Mean	Z	
1		Time Body	Accelerome	eter	NA	NA	SD	X	
- 47	-0.977229	_							
1	SITTING	Time Body	Accelerome	eter	NA	NA	SD	Y	
47	-0.922618	641914894							
1	SITTING	-	Accelerome	eter	NA	NA	SD	Z	
47	-0.939586		Accelement		<b>3.</b> 7.7.	Maan	: d a	Moon	NT 70
1 47	SITTING -0.948536	_	Accelerome	eter	NA	Magn.	itude	Mean	NA
1	SITTING		Accelerome	eter	NA	Magn	itude	SD	NA
47	-0.927078	_				5			
1	SITTING	Time Body	Accelerome	eter	Jerk	NA	Mean	X	47
	7482519957		_						
1	SITTING	_	Accelerome	eter	Jerk	NA	Mean	Y	
47 1		10278510638		)+or	Tor1.	NT 7\	Moon	7	
1	SITTING	TIME ROUY	Accelerome	erer	Jerk	MA	Mean	<b>L</b> i	

```
47
     -0.00336779235021277
1
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
47
     -0.986430711276596
1
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
47
     -0.981371965319149
1
     SITTING
                Time Body Accelerometer
                                                     SD
                                                          Z
                                          Jerk NA
47
     -0.987910804468085
1
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
47
     -0.987364195531915
1
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
47
     -0.984120024042553
1
     SITTING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          Mean X
47
     0.831509933404255
1
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
47
     0.204411592680851
1
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
47
     0.332043702765957
     SITTING
1
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
47
     -0.968457145744681
1
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Y
47
     -0.935517055957447
1
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Z
47
     -0.949040933191489
                                Accelerometer
                                                     Magnitude Mean
1
     SITTING
                Time Gravity
                                                NA
          -0.948536786170213
NA
     47
1
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
          -0.927078418723404
1
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
     -0.976161464042553
47
1
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
47
     -0.975838585319149
                          Gyroscope NA
1
     SITTING
               Freq NA
                                          NA
                                                Mean Z
47
     -0.951315544468085
                          Gyroscope NA
1
     SITTING
                Freq NA
                                          NA
                                                SD
                                                     Х
47
     -0.977904227021277
1
                          Gyroscope NA
                                                     Y
     SITTING
                Freq NA
                                          NA
                                                SD
47
     -0.962345042553192
                                                     \mathbf{z}
1
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
     -0.94391784106383
47
1
                          Gyroscope NA
                                          Magnitude Mean NA
     SITTING
                Freq NA
47
     -0.958435589361702
1
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
47
     -0.932198374893617
1
     SITTING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
47
     -0.989797547234043
1
     SITTING
                          Gyroscope Jerk Magnitude SD
                Freq NA
                                                          NA
     -0.987049617234043
47
```

1	SITTING	Freq Body	Accelerome	eter	NA	NA	Mean	X	
47	-0.979641	238723404							
1	SITTING	Freq Body	Accelerome	eter	NA	NA	Mean	Y	
47	-0.944084	550425532							
1	SITTING	Freq Body	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
47	-0.9591848	889148936							
1	SITTING	Freq Body	Accelerome	eter	NA	NA	SD	X	
47	-0.976412								
1	SITTING		Accelerome	eter	NA	NA	SD	Y	
47	-0.917275								
1			Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
47	-0.934469								
1	SITTING		Accelerome	eter	NA	Magni	Ltude	Mean	NA
47	-0.947782								
1	SITTING		Accelerome	eter	NA	Magni	itude	SD	NA
47	-0.928444	801702128							
1			Accelerome	eter	Jerk	NA	Mean	X	
47	-0.986597	022553191							
1	SITTING		Accelerome	eter	Jerk	NA	Mean	Y	
47	-0.981579								
1			Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
47	-0.986053								
1	SITTING		Accelerome	eter	Jerk	NA	SD	X	
47	-0.987492								
1			Accelerome	eter	Jerk	NA	SD	Y	
47	-0.982513								
1	SITTING		Accelerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
47	-0.988339								
1	SITTING		Accelerome	eter	Jerk	Magni	itude	Mean	NA
47	-0.985262		_		_				
1	SITTING		Accelerome	eter	Jerk	Magni	Ltude	SD	NA
47	-0.981606		_						
1	STANDING		Gyroscope	NA	NA	Mean	X		
53		7347979245	_						
1	STANDING		Gyroscope	NA	NA	Mean	Y		
53		2209811321	_						
1	STANDING	Time NA	Gyroscope	NA	NA	Mean	Z	53	
	1800751		~			~-			
1	STANDING		Gyroscope	NA	NA	SD	X		
53	-0.9871919		~			~-			
1	STANDING	Time NA	Gyroscope	NA	NA	SD	Y		
53	-0.987734					<b>a</b> =	_		
1	STANDING		Gyroscope	NA	NA	SD	Z		
53	-0.980645								
1	STANDING	Time NA	Gyroscope	NA	Magn:	itude	мean	NA	
53	-0.976493°		G	37.7	M		an	37.7	
1	STANDING	Time NA	Gyroscope	NA	magn:	itude	ຣັນ	NA	

53	-0.978690028679245							
1	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Х		
53	-0.0996092129056604							
1	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Y		
53	-0.0440627877924528							
1	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Z		
53	-0.0489505466716981							
1	STANDING Time NA	Gyroscope	Jerk	NA	SD	X		
53	-0.992945106981132							
1	STANDING Time NA	Gyroscope	Jerk	NA	SD	Y		
53	-0.995137917358491							
1	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
53	-0.992108467169811							
1	STANDING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
53	-0.994966790566038	_						
1	STANDING Time NA	Gyroscope	Jerk	Magn	ıtude	SD	NA	
53	-0.994733238679245							
1	STANDING Time Body	Accelerome	eter	NA	NA	Mean	Х	53
	3917629056604		a.L.a.m	3.7.73	377	Moon	37	
1	STANDING Time Body -0.0161375901037736		eter	NA	NA	Mean	Y	
53 1			o+ ox	NA	NA	Mean	7	
53	STANDING Time Body -0.110601817735849	Accelerome	scer	INA	NA	Mean	Zi .	
1	STANDING Time Body	Accelerom	atar	NA	NA	SD	Х	
53	-0.995759901509434	Accereroni	ECCI	IVA	IVA	סט	Λ	
1	STANDING Time Body	Accelerom	eter	NA	NA	SD	Y	
53	-0.973190056415094	710001010III		1421	1421	DD.	-	
1	STANDING Time Body	Accelerome	eter	NA	NA	SD	Z	
53	-0.979775876981132			_,			_	
1	STANDING Time Body	Accelerom	eter	NA	Magn	itude	Mean	NA
53	-0.984278207358491				,			
1	STANDING Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
53	-0.981942928867925				_			
1	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	X	53
0.075	3766542264151							
1	STANDING Time Body	Accelerom	eter	Jerk	NA	Mean	Y	53
0.007	797573092830189							
1	STANDING Time Body	Accelerom	eter	Jerk	NA	Mean	Z	
53	-0.0036852495470943	4						
1	STANDING Time Body	Accelerom	eter	Jerk	NA	SD	X	
53	-0.994604542264151							
1	STANDING Time Body	Accelerom	eter	Jerk	NA	SD	Y	
53	-0.98564873245283							
1	STANDING Time Body	Accelerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
53	-0.992251177358491							
1	STANDING Time Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
53	-0.992367790566038							

1 53	STANDING Time Body -0.993096209433962	Acce	Lerome	eter	Jerk	Magn	itude	SD	NA
1	STANDING Time Grav	ity	Accel	Lerome	eter	NA	NA	Mean	X
53 1	0.942952000377358 STANDING Time Grav	ity	Accel	Lerome	eter	NA	NA	Mean	Y
53 1	-0.272983832264151 STANDING Time Grav	ity	Acce]	Lerome	eter	NA	NA	Mean	Z
53 1	0.0134905823226415 STANDING Time Grav	itv	Acce]	Lerome	eter	NA	NA	SD	X
53 1	-0.99376298509434 STANDING Time Grav	-		Lerome		NA	NA	SD	Y
53	-0.981225957924528	-				-			
1 53	STANDING Time Grav -0.976324063584906	_		Lerome		NA	NA	SD	Z
1 NA	STANDING Time Grav 53 -0.98427820735	_	Acce]	Lerome	eter	NA	Magn	itude	Mean
1 NA	STANDING Time Grav 53 -0.98194292886	-	Acce]	Lerome	eter	NA	Magn	itude	SD
1 53	STANDING Freq NA -0.986386786037736	Gyros	scope	NA	NA	Mean	X		
1 53	STANDING Freq NA -0.988984455849057	Gyros	scope	NA	NA	Mean	Y		
1	STANDING Freq NA	Gyros	scope	NA	NA	Mean	Z		
53 1	-0.980773122830189 STANDING Freq NA	Gyros	scope	NA	NA	SD	X		
53 1	-0.987497128679245 STANDING Freq NA	Gyros	scope	NA	NA	SD	Y		
53 1	-0.987107727735849 STANDING Freq NA	Gvros	scope	NA	NA	SD	Z		
53 1	-0.98234533 STANDING Freq NA	_	scope				Mean	NΙΛ	
53	-0.984617623396226	_	_		_				
1 53	STANDING Freq NA -0.978466072075472	_	scope		_			NA	
1 53	STANDING Freq NA -0.994815376981132	Gyros	scope	Jerk	Magn	itude	Mean	NA	
1 53	STANDING Freq NA -0.994671123207547	Gyros	scope	Jerk	Magn	itude	SD	NA	
1 53	STANDING Freq Body -0.995249932641509	Acce	Lerome	eter	NA	NA	Mean	X	
1	STANDING Freq Body	Acce	Lerome	eter	NA	NA	Mean	Y	
53 1	-0.977070847735849 STANDING Freq Body	Acce	Lerome	eter	NA	NA	Mean	Z	
53 1	-0.985297098679245 STANDING Freq Body	Acce	Lerome	eter	NA	NA	SD	X	
53 1	-0.99602834509434 STANDING Freq Body				NA	NA	SD	Y	
Τ.	PILINDING LIED DOUN	ACCE.	LCT OILL	CCI	1117	717.7	שט	1	

53	-0.972293102075472						
1	STANDING Freq Body	Accelerometer	NA	NA	SD	Z	
53	-0.977937259622642		-				
1	STANDING Freq Body	Accelerometer	NA	Magn	itude	Mean	NA
53	-0.985356361132075						
1	STANDING Freq Body	Accelerometer	NA	Magn	itude	SD	NA
53	-0.982313804716981						
1	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	X	
53	-0.994630797358491	- 1 .	_ ,				
1	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	Y	
53 1	-0.985418704528302	Aggoloromotor	Tords	NT 7N	Moon	7	
53	STANDING Freq Body -0.990752166037736	Acceletometer	nerk	NA	Mean	Z	
1		Accelerometer	Jerk	NΑ	SD	Х	
53	-0.995073759245283	710001010IIICCC1	OCIA	1421	DD.	21	
1	STANDING Freq Body	Accelerometer	Jerk	NA	SD	Y	
53	-0.987018226792453						
1	STANDING Freq Body	Accelerometer	Jerk	NA	SD	Z	
53	-0.992349818113208						
1	STANDING Freq Body	Accelerometer	Jerk	Magn	itude	Mean	NA
53	-0.99254247754717						
1	STANDING Freq Body	Accelerometer	Jerk	Magn	itude	SD	NA
53	-0.992536003396226	_					
1	WALKING Time NA	Gyroscope NA	NA	Mean	Х		
95	-0.041830963526						
1	WALKING Time NA	Gyroscope NA	NA	Mean	Y		
95 1	-0.0695300462115789 WALKING Time NA	Curagana NA	NT 70	Mean	77	95	
_	49448173042105	Gyroscope NA	NA	Mean	<b>L</b>	93	
1	WALKING Time NA	Gyroscope NA	NA	SD	X		
95	-0.473535485894737	dyroscope Mi	1421	DD	Λ		
1	WALKING Time NA	Gyroscope NA	NA	SD	Y		
95	-0.0546077686594737		_,		_		
1	WALKING Time NA	Gyroscope NA	NA	SD	Z		
95	-0.344266629473684						
1	WALKING Time NA	Gyroscope NA	Magn	itude	Mean	NA	
95	-0.160979552536842						
1	WALKING Time NA	Gyroscope NA	Magn:	itude	SD	NA	
95	-0.186978364526316						
1	WALKING Time NA	Gyroscope Jerk	NA	Mean	X		
95	-0.0899975423705263						
1	WALKING Time NA	Gyroscope Jerk	NA	Mean	Y		
95	-0.0398428709463158	- 1			_		
1	WALKING Time NA	Gyroscope Jerk	NA	Mean	Z		
95 1	-0.0461309295021053	Crimograms Tagala	<b>NT</b> 70	GD.	V		
1	WALKING Time NA	Gyroscope Jerk	NA	SD	X		
95	-0.207421854757895						

1 95	WALKING -0.304468		Gyro	scope	Jerk	NA	SD	Y		
1	WALKING	Time NA	Gyro	scope	Jerk	NA	SD	Z		
95 1	-0.4042554 WALKING	Time NA	Gyro	scope	Jerk	Magn	itude	Mean	NA	
95 1	-0.2987030 WALKING	679084211 Time NA	Gyro	scope	Jerk	Magn	itude	SD	NA	
95 1	-0.3253248 WALKING		Acce	lerome	eter	NA	NA	Mean	x	95
	73307587368	_	11000	2020111	3001			110411		
1	WALKING	_		lerome	eter	NA	NA	Mean	Y	
95		8185273684		_					_	
1	WALKING	-	Acce.	Lerome	eter	NA	NA	Mean	Z	
95 1	-0.1111481 WALKING		Acce	lerome	oter	NA	NA	SD	Х	
95	-0.2837402	_	71000	ICI OIIIC	CCI	1421	1411	DD	21	
1	WALKING	Time Body	Acce	lerome	eter	NA	NA	SD	Y	95
0.11	4461336747	368								
1		Time Body	Acce	lerome	eter	NA	NA	SD	$\mathbf{Z}$	
95	-0.2600279			_						
1	WALKING	Time Body	Acce	Lerome	eter	NA	Magn	itude	Mean	NA
95 1	-0.1369711 WALKING		7,000	loroma	otor	NA	Magn	itude	GD.	NA
95	-0.219688	_	ACCE	TELOIII	SCEI	INT	magii.	Luue	שט	IVA
1	WALKING		Acce	lerome	eter	Jerk	NA	Mean	Х	95
0.07	4041633315	_								
1	WALKING	Time Body	Acce	lerome	eter	Jerk	NA	Mean	Y	95
	8272109588			_		_				
1	WALKING	-		Lerome	eter	Jerk	NA	Mean	Z	
95 1	-0.0041684	4061778947 Time Body		lorome	tor	Jork	NΤΛ	SD	Х	
95	-0.1136150	_	ACCE	TELOIII	sce1	DELY	IVA	שט	Λ	
1	WALKING		Acce	lerome	eter	Jerk	NA	SD	Y	95
0.06	70025007684	_								
1	WALKING	-	Acce	lerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
95	-0.502699									
1		Time Body	Acce	lerome	eter	Jerk	Magn	itude	Mean	NA
95 1	-0.1414288		7.000	loroma	r	Torle	Magn	. +	CD	NT 70
1 95	WALKING -0.074471	Time Body 7500625263		rerome	ecer	perk	Magii.	LLude	עמ	NA
1	WALKING			Acce	Lerome	eter	NA	NA	Mean	X
95	0.93522320		1							
1	WALKING	Time Grav	ity	Accel	lerome	eter	NA	NA	Mean	Y
95	-0.2821650									
1	WALKING	Time Grav	ity	Acce]	lerome	eter	NA	NA	Mean	Z
95 1	-0.0681028		ــــــــــــــــــــــــــــــــــــــ	7. ~ ~ - 7		a.L.a	<b>3.7.7</b>	<b>3.7.7</b>	C.D.	v
1	WALKING	Time Grav	ıty	Acce	Lerome	eter	NA	NA	SD	X

95	-0.976609	642526	5316								
1	WALKING		Gravi	t.v	Accel	erome	eter	NA	NA	SD	Y
95	-0.971305				110001	or onto	2001	1111	1111	DD.	-
1	WALKING		Gravi	t.v	Accel	erome	eter	NA	NA	SD	Z
- 95	-0.947717			1				_,			_
1	WALKING		Gravi	t.v	Accel	erome	eter	NA	Magn:	itude	Mean
na		36971		_				_,			
1	WALKING		Gravi		Accel	erome	eter	NA	Magn:	itude	SD
NA		196886		_				_,			
1	WALKING	Freq			scope	NA	NA	Mean	Х		
95	-0.339032	-		4	-		-				
1	WALKING	Freq		Gvros	scope	NA	NA	Mean	Y		
95	-0.103059	_		-1	E -						
1	WALKING	Freq		Gvros	scope	NA	NA	Mean	Z		
95	-0.255940	_		2	_		-				
1	WALKING			Gvros	scope	NA	NA	SD	Х		
95	-0.516691	-		2	_		-				
1	WALKING			Gvros	scope	NA	NA	SD	Y		
95	-0.033508	_		2	_						
1	WALKING	Freq		Gyros	scope	NA	NA	SD	Z		
95	-0.436562	_		4	-						
1	WALKING	Freq	NA	Gyros	scope	NA	Magni	tude	Mean	NA	
95	-0.199252	-		4	-		,				
1	WALKING	Freq	NA	Gyros	scope	NA	Magni	tude	SD	NA	
95	-0.321017	_		-	-		,				
1	WALKING	Freq	NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
95	-0.319308	593778	3947	-	-		,				
1	WALKING	Freq	NA	Gyros	scope	Jerk	Magni	tude	SD	NA	
95	-0.381601	911789	9474	_	_		_				
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean	X	
95	-0.202794	306326	5316								
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean	Y	95
0.089	9712726402	1053									
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean	Z	
95	-0.331560	117789	9474								
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	NA	SD	X	
95	-0.319134	719578	3947								
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	NA	SD	Y	95
0.05	6040006846										
1	WALKING	Freq	Body	Acce]	lerome	eter	NA	NA	SD	$\mathbf{Z}$	
95	-0.279686	751494	4737								
1	WALKING	Freq	Body	Acce]	lerome	eter	NA	Magn	itude	Mean	NA
95	-0.128623	450629	9474								
1	WALKING	Freq	Body	Acce]	Lerome	eter	NA	Magn	itude	SD	NA
95	-0.398032	586842	2105								
1	WALKING	_	_	Acce]	Lerome	eter	Jerk	NA	Mean	X	
95	-0.170546	964549	9579								

1 95	WALKING Freq Body -0.0352255241130632	Accel	Lerome	eter	Jerk	NA	Mean	Y	
1	WALKING Freq Body	Accel	Lerome	eter	Jerk	NA	Mean	Z	
95 1	-0.468999224631579 WALKING Freq Body	7 000	loroma	tor	Jerk	NT 70	SD	X	
95	-0.133586606326316	Accel	rerome	scer	Jerk	IVA	עפ	Λ	
1	WALKING Freq Body	Accel	Lerome	eter	Jerk	NA	SD	Y	95
	6739857136	_			_				
1	WALKING Freq Body	Acce]	Lerome	eter	Jerk	NA	SD	Z	
95 1	-0.534713440421053 WALKING Freq Body	Acce	lerome	oter	Jerk	Magn	i tude	Mean	NΔ
95	-0.0571194000343158	HCCC	LCLOIIIC	CCI	OCIK	nagni	Lcuuc	ricuii	1471
1	WALKING Freq Body	Acce	Lerome	eter	Jerk	Magn	itude	SD	NA
95	-0.103492403002105					_			
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	X
49	-0.0350781902989796								
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	Y
49	-0.0909371290204082	m	37.7	G		37.7	37.7	M	
1 49	WALKING_DOWNSTAIRS 0.0900850142030612	Time	NA	Gyros	scope	NA	NA	Mean	Z
1	WALKING DOWNSTAIRS	Time	NΔ	Gyros	scope	NΔ	NA	SD	Х
49	-0.458030542938775	TIME	1421	Gyror	всорс	1421	1421	DD.	Λ
1	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
49	-0.1263 <del>4</del> 9194938775			-	-				
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Z
49	-0.124702454242857								
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	Magn	itude	Mean
NA	49 -0.07574125436								
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	Magn	itude	SD
NA	49 -0.225724368063			~		_ ,			
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	Mean	X
49 1	-0.0739592036271429 WALKING DOWNSTAIRS	Піто	NT 70	Crrro	70000	Tords	NT 70	Moon	V
1 49	-0.0439902783367347	ттше	NA	GYLOS	scope	nerk	NA	Mean	ĭ
1	WALKING DOWNSTAIRS	Time	NΔ	Gyros	scope	Jerk	NΔ	Mean	7.
49	-0.0270461061061224	TIME	1421	Gyror	всорс	OCIK	1421	iicuii	L
1	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	X
49	-0.487027342244898			4	_				
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Y
49	-0.238824827530612								
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Z
49	-0.268761480242857								
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA 1	49 -0.29546384334		373	<b>G</b>		T - 1	34 -	1	an.
1	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	Magn:	Ltude	รบ
NA 1	49 -0.306510645530 WALKING DOWNSTAIRS		Bods	λααο	Lerome	ater	NA	NA	Mean
т	MYTIVING DOMNSTRIKS	TTIME	ьоау	ACCE.	ret Ollie	- CCI	IAM	IAM	rican

X	49 0.289188320408163				
1	WALKING DOWNSTAIRS Time Body Accel	erometer	NA	NA	Mean
Y	49 -0.00991850461020408		-,		
1	WALKING_DOWNSTAIRS Time Body Accel	erometer	NA	NA	Mean
$\mathbf{Z}$	49 -0.107566190908163				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer.	NA	NA	SD
X	49 0.0300353383483878				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer.	NA	NA	SD
Y	49 -0.0319359434489796				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer	NA	NA	SD
Z 1	49 -0.230434213204082	oromotor	NT 70	Magn	:+do
т Mean	WALKING_DOWNSTAIRS Time Body Accel NA 49 0.0271882914106122	erometer	NA	Magii.	itude
nean	WALKING DOWNSTAIRS Time Body Accel	erometer	NA	Magn	itude
SD	NA 49 0.0198843506265306	CIONCCCI	11/21	nagii	Leade
1	WALKING DOWNSTAIRS Time Body Accel	erometer.	Jerk	NA	Mean
X	49 0.0541553164897959				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer	Jerk	NA	Mean
Y	49 0.0296504490408163				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer.	Jerk	NA	Mean
$\mathbf{Z}$	49 -0.0109719730183673				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer.	Jerk	NA	SD
X	49 -0.012283860544898				
1	WALKING_DOWNSTAIRS Time Body Accel	erometer	Jerk	NA	SD
Y 1	49 -0.101601390640816	0 m 0 m 0 h 0 m	Totale	NT 70	CD
1 Z	WALKING_DOWNSTAIRS Time Body Accel 49 -0.345735032326531	erometer	Jerk	NA	SD
1	WALKING DOWNSTAIRS Time Body Accel	erometer	Jork	Magn	i tudo
Mean	<del>_</del>	erometer	DELK	Magii	Leude
1	WALKING DOWNSTAIRS Time Body Accel	erometer.	Jerk	Magn	itude
SD	NA 49 -0.0257877197081633			,	
1	WALKING_DOWNSTAIRS Time Gravity	Accelerome	eter	NA	NA
Mean	x 49 0.931874418979592				
1	<del>_</del>	Accelerome	eter	NA	NA
Mean					
1	<del>_</del>	Accelerome	eter	NA	NA
Mean		_			
1	<del>_</del>	Accelerome	eter	NA	NA
SD	X 49 -0.950559811632653	3 1		373	373
1 ap	<del>_</del>	Accelerome	eter	NA	NA
SD 1	Y 49 -0.937018658979592 WALKING DOWNSTAIRS Time Gravity	Accelerome	tor	NT 7N	N7
1 SD	Z 49 -0.895939695102041	veceteroug	FLEI	NA	NA
ม 1	WALKING DOWNSTAIRS Time Gravity	Accelerome	eter	NA	
	itude Mean NA 49 0.0271882914106		CCI	747.7	
1	WALKING_DOWNSTAIRS Time Gravity		eter	NA	
_	itude SD NA 49 0.0198843506265		<b>-</b>		
,					

1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	X
49 1	-0.352449631363265 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Y
49	-0.0557022524693878							
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
49 1	-0.0318694271979592 WALKING DOWNSTAIRS	Freq	NΔ	Gyroscope	NΔ	NA	SD	Х
49	-0.495422486102041	rreq	IVA	Gyloscope	IVA	IVA	שט	Λ
1	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
49	-0.181414728657143	-						
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
49	-0.238443565306122							
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	Mean
NA	49 -0.18572028574	1898						
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	SD
NA	49 -0.398350390122	2449						
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	49 -0.28196335917	7551						
1	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	SD
NA	49 -0.391919876612	2245						
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
X	49 0.0382291831510	0204						
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
Y	49 0.0015499078359							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
$\mathbf{Z}$	49 -0.225574471693							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
X	49 0.0243308391383							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Y	49 -0.112963739953							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
$\mathbf{Z}$	49 -0.297927894693							
1	WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
Mean								
1	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
SD	NA 49 -0.1865303							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
X	49 -0.027663867612							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Y	49 -0.128667157648							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
$\mathbf{Z}$	49 -0.288334735714							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
X	49 -0.086327896640							
1	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
Y	49 -0.13458000887							
1	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD

```
Z
     49
          -0.401721464285714
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          49
                0.0262184949326531
1
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
          49
                -0.104052260726531
     NA
1
                          Time NA
                                     Gyroscope NA
                                                          Mean X
     WALKING UPSTAIRS
                                                     NA
53
     0.050549379754717
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
53
     -0.166170015088679
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
53
     0.0583595463981132
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                           SD
                                                                Х
                                                     NA
53
     -0.544871104528302
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                           SD
                                                                Y
53
     0.00410518379811321
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                           SD
                                                                \mathbf{Z}
53
     -0.50716867490566
                          Time NA
1
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude Mean
NA
     53
          -0.126735589969811
     WALKING UPSTAIRS
1
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
NA
     53
          -0.14861931805283
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
53
     -0.122232768011321
                                     Gyroscope Jerk NA
1
     WALKING UPSTAIRS
                          Time NA
                                                          Mean Y
53
     -0.0421485884509434
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
53
     -0.0407125527654717
1
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                           SD
                                                                Х
53
     -0.614786508490566
                                     Gyroscope Jerk NA
1
     WALKING UPSTAIRS
                          Time NA
                                                           SD
                                                                Y
53
     -0.601696656226415
                                     Gyroscope Jerk NA
1
     WALKING UPSTAIRS
                          Time NA
                                                           SD
                                                                Z
53
     -0.606332002264151
                                     Gyroscope Jerk Magnitude Mean
1
     WALKING UPSTAIRS
                          Time NA
NA
     53
          -0.59488286509434
1
                                     Gyroscope Jerk Magnitude SD
     WALKING UPSTAIRS
                          Time NA
NA
          -0.648553044339623
1
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Х
          0.255461689622641
1
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                Mean
Y
     53
          -0.0239531492643396
1
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Z
          -0.0973020020943396
1
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                SD
Х
     53
          -0.35470802509434
1
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                SD
          -0.00232026501698113
Y
     53
```

1	WALKING_UPSTAIRS		Body	Acce	lerom	eter	NA	NA	SD
Z	53 -0.01947923884		<b>-</b> 1	_					
1 Moan	WALKING_UPSTAIRS NA 53 -0.129927			Acce	Lerom	eter	NA	Magn	itude
mean 1	WALKING UPSTAIRS			Acce	leroma	ater	NA	Magn	itude
SD	NA 53 -0.324970		_	ACCE.	rerom	ECCI	11/1	magii.	rcude
1	WALKING_UPSTAIRS			Acce	lerome	eter	Jerk	NΑ	Mean
X	53 0.101372729922							_,	
1	WALKING UPSTAIRS		Body	Acce	lerom	eter	Jerk	NA	Mean
Y	53 0.019486307618		4						
1	WALKING UPSTAIRS	Time	Body	Acce	lerom	eter	Jerk	NA	Mean
$\mathbf{Z}$	53 -0.04556254491	13208	_						
1	WALKING_UPSTAIRS	Time	Body	Acce	lerom	eter	Jerk	NA	SD
X	53 -0.44684388773	5849							
1	WALKING_UPSTAIRS	Time	Body	Acce	lerom	eter	Jerk	NA	SD
Y	53 -0.37827442603	7736							
1	WALKING_UPSTAIRS		Body	Acce	lerom	eter	Jerk	NA	SD
$\mathbf{Z}$	53 -0.70659353094								
1	WALKING_UPSTAIRS		_	Acce	lerom	eter	Jerk	Magn	itude
	NA 53 -0.466503								
	WALKING_UPSTAIRS		_	Acce	lerom	eter	Jerk	Magn	itude
SD	NA 53 -0.478991					_			
1	WALKING_UPSTAIRS			ıty	Acce.	Lerom	eter	NA	NA
	X 53 0.8933510				<b>3</b>	1	- 1	377	373
1	WALKING_UPSTAIRS			ıty	Acce.	rerome	eter	NA	NA
Mean	Y 53 -0.362153 WALKING_UPSTAIRS			: <b>.</b>	7 ~ ~ ~	lorom	o+ ox	NT 7N	NT 70
1 Moan	Z 53 -0.075402			гсу	Acce.	rerome	erer	NA	NA
mean 1	WALKING UPSTAIRS			i + 37	Acce	larom	atar	NA	NA
SD	X 53 -0.956367			тсу	ACCE.	TELOIII	ECEI	IVA	IVA
	WALKING UPSTAIRS			i t v	Acce	lerome	eter	NA	NA
SD	Y 53 -0.952849			101	11000	TOT OIII		1421	1421
1	WALKING UPSTAIRS		Grav	itv	Acce	lerom	eter	NA	NA
SD	z 53 -0.912379			1					_,
1	WALKING UPSTAIRS		Grav	ity	Acce	lerom	eter	NA	
Magn	itude Mean NA 53		29927	_					
1	WALKING UPSTAIRS		Grav			lerom	eter	NA	
Magn	itude SD NA 53		249709	_					
1	WALKING_UPSTAIRS	Freq	NA	Gyro	scope	NA	NA	Mean	X
53	$-0.4926\overline{11667924528}$								
1	WALKING_UPSTAIRS	Freq	NA	Gyro	scope	NA	NA	Mean	Y
53	-0.319474609056604								
1	WALKING_UPSTAIRS	Freq	NA	Gyro	scope	NA	NA	Mean	${f Z}$
53	-0.453597213018868								
1	WALKING_UPSTAIRS	Freq	NA	Gyro	scope	NA	NA	SD	X
53	-0.565892490754717								
1	WALKING_UPSTAIRS	Freq	NA	Gyro	scope	NA	NA	SD	Y

```
53
     0.151538905566038
                          Freq NA
1
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                          SD
                                                                \mathbf{Z}
                                                     NA
53
     -0.57170784
1
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     Magnitude Mean
          -0.325961457396226
NA
     53
1
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude SD
                          Freq NA
NA
          -0.182985518264151
1
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
NA
          -0.634665082075472
1
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
     53
          -0.693930521509434
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                          NA
                                                     NA
                                                                Mean
Х
     53
          -0.404321784150943
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
          -0.190976720811321
     53
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Z
          -0.433349702075472
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Х
          -0.337428188679245
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Y
     53
           0.0217695106566038
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Z
          0.0859565543849057
     53
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
          53
                -0.352395944716981
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
                -0.416260101509434
     WALKING UPSTAIRS
1
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Х
          -0.479875245660377
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Y
     53
          -0.41344458754717
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Z
          -0.685474353962264
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Х
          -0.461907025849057
     53
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.381777065283019
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.726040200754717
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                -0.44265216245283
Mean NA
          53
1
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
     NA
          53
                -0.533059853773585
                                                Mean X
2
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
48
     -0.01847660675
2
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
48
     -0.111800824583333
```

2	LAYING	Time	NA	Gyroscope	NA	NA	Mean	Z	48	
0.14	488284610	4167								
2	LAYING	Time		Gyroscope	NA	NA	SD	X		
48	-0.98827	5232916	667							
2	LAYING	Time		Gyroscope	NA	NA	SD	Y		
48	-0.98229	1608958	333							
2	LAYING	Time	NA	Gyroscope	NA	NA	SD	Z		
48	-0.96030	6560416	667							
2	LAYING	Time	NA	Gyroscope	NA	Magn	itude	Mean	NA	
48	-0.95001	1569583	333							
2	LAYING	Time	NA	Gyroscope	NA	Magn	itude	SD	NA	
48	-0.96116	4053958	333							
2	LAYING	Time	NA	Gyroscope	Jerk	NA	Mean	X		
48	-0.10197	4134208	333							
2	LAYING	Time	NA	Gyroscope	Jerk	NA	Mean	Y		
48	-0.03585									
2	LAYING	Time		Gyroscope	Jerk	NA	Mean	Z		
_ 48	-0.07017			-1						
2	LAYING	Time		Gyroscope	Jerk	NA	SD	X		
- 48	-0.99323									
2	LAYING	Time		Gyroscope	Jerk	NΑ	SD	Y		
48	-0.98956			суговоорс	OCIN	1111	DD.	-		
2	LAYING			Gyroscope	Jerk	NΔ	SD	Z		
2 48	-0.98803		1171	буговсорс	OCIK	1471	DD	4		
2	LAYING	Time	ΝΔ	Gyroscope	Jork	Magn	abu+i	Moan	NΔ	
2 48	-0.99176			Gyroscope	OCIK	Magii.	Luue	Mean	IVA	
2	LAYING	Time		Gyroscope	Tork	Magn	; + 11do	GD.	NA	
2 48	-0.98971			Gyroscope	OCIK	Magii.	Luue	שט	IVA	
40 2				Aggolorom	o+or	NT 7N	NT 7N	Mean	v	48
	LAYING		ьоцу	Accelerome	scer	NA	NA	Mean	Λ	40
0.28. 2	137340395		Dod	700010000	2+02	NT 7A	NT 70	Moon	v	
	LAYING		-	Accelerome	scer	NA	NA	Mean	I	
48	-0.01815			Nago loroma	2+05	NT 7N	NT 7N	Moor	7	
2 10	LAYING		_	Accelerome	ccer	NA	NA	Mean	ப	
48	-0.10724			7 ~ ~ ~ 7 ~		NT 70	3.7.73	CD	37	
2	LAYING		_	Accelerome	eter	NA	NA	SD	X	
48	-0.97405			7 7 -	_4	37.7	37.7	ar.	37	
2	LAYING		воал	Accelerome	eter	NA	NA	SD	Y	
48	-0.98027		D. 1	7	- •			ar	-	
2	LAYING		_	Accelerome	eter	NA	NA	SD	Z	
48	-0.98423									
2	LAYING		_	Accelerome	eter	NA	Magn	itude	Mean	ΝA
48	-0.97743			_						
2	LAYING		_	Accelerome	eter	NA	Magn:	itude	SD	NA
48	-0.97287			_						
2	LAYING		Body	Accelerome	eter	Jerk	NA	Mean	X	48
0.08	259725116									
2	LAYING	Time	Body	Accelerome	eter	Jerk	NA	Mean	Y	48

```
0.012254788451875
2
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     LAYING
     -0.00180264895625
48
2
     LAYING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
48
     -0.98587216875
2
                Time Body Accelerometer
                                                          Υ
     LAYING
                                          Jerk NA
                                                     SD
48
     -0.98317254125
2
     LAYING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
48
     -0.988442014375
2
     LAYING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
48
     -0.987741696041667
2
     LAYING
               Time Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
48
     -0.98551807625
2
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
48
     -0.509754238125
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
48
     0.752536639375
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Z
48
     0.646834879583333
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Χ
48
     -0.959014441458333
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Y
48
     -0.988211865208333
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               \mathbf{z}
48
     -0.984230418125
2
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude Mean
          -0.977435485208333
NA
     48
2
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
          -0.972873912916667
NA
     48
2
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
48
     -0.9864311425
2
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
48
     -0.983321635416667
                          Gyroscope NA
2
     LAYING
               Freq NA
                                          NA
                                               Mean Z
48
     -0.9626718875
2
                          Gyroscope NA
     LAYING
               Freq NA
                                          NA
                                               SD
                                                     Х
48
     -0.988860685833333
2
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
               Freq NA
48
     -0.981910616458333
2
                          Gyroscope NA
                                               SD
                                                     Z
     LAYING
               Freq NA
                                          NA
48
     -0.963174222291667
2
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
48
     -0.972112972708333
2
                          Gyroscope NA
                                          Magnitude SD
     LAYING
               Freq NA
                                                          NA
48
     -0.96109837875
2
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
               Freq NA
     -0.990248702291667
48
```

2	LAYING Freq NA	Gyroscope Jerk	Magnitude	SD	NA
48 2	-0.989492660416667 LAYING Freq Body	Accelerometer	NA NA	Mean	X
48 2	-0.976725059791667 LAYING Freq Body	Accelerometer	NA NA	Mean	Y
48 2	-0.979800877916667 LAYING Freq Body	Accelerometer	NA NA	Mean	7.
48 2	-0.984380981875				
48	LAYING Freq Body -0.973246482083333		NA NA	SD	X
2 48	LAYING Freq Body -0.981025105625	Accelerometer	NA NA	SD	Y
2 48	LAYING Freq Body -0.984792185	Accelerometer	NA NA	SD	Z
2	LAYING Freq Body -0.975110196458333	Accelerometer	NA Magn	itude	Mean NA
48 2	LAYING Freq Body	Accelerometer	NA Magn	itude	SD NA
48 2	-0.975121387916667 LAYING Freq Body	Accelerometer	Jerk NA	Mean	X
48 2	-0.985813630833333 LAYING Freq Body	Accelerometer	Jerk NA	Mean	Y
48 2	-0.982768250416667				
48	LAYING Freq Body -0.986197134583333				Z
2 48	LAYING Freq Body -0.987250255833333	Accelerometer	Jerk NA	SD	X
2 48	LAYING Freq Body -0.984987392916667	Accelerometer	Jerk NA	SD	Y
2	LAYING Freq Body -0.989345368541667	Accelerometer	Jerk NA	SD	Z
2	LAYING Freq Body	Accelerometer	Jerk Magn	itude	Mean NA
48 2	-0.985374114791667 LAYING Freq Body	Accelerometer	Jerk Magn	itude	SD NA
48 2	-0.984568489166667 SITTING Time NA	Gyroscope NA	NA Mean	Х	
46 2	-0.0454706620434783 SITTING Time NA	Gyroscope NA	NA Mean	v	
46	-0.0599286797043478				
2 0.04	SITTING Time NA 12277462173913	Gyroscope NA	NA Mean	Z	46
2 46	SITTING Time NA -0.985742027826087	Gyroscope NA	NA SD	X	
2	SITTING Time NA	Gyroscope NA	NA SD	Y	
46 2	-0.978919526956522 SITTING Time NA	Gyroscope NA	NA SD	Z	
46 2	-0.959803708695652 SITTING Time NA	Gyroscope NA	Magnitude	Mean	NA
		-	-		

46	-0.946035087173913							
2	SITTING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
46 2	-0.961313624130435 SITTING Time NA	Gyroscope	Jerk	NA	Mean	Х		
46	-0.0936328412826087	1 1						
2	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Y		
46 2	-0.0415602029130435 SITTING Time NA	Gyroscope	Jerk	NA	Mean	Z		
46	-0.04358509665	-1						
2	SITTING Time NA	Gyroscope	Jerk	NA	SD	X		
46 2	-0.989709023043478 SITTING Time NA	Gyroscope	Jerk	NA	SD	Y		
46	-0.990889614782609	-7		_,		_		
2	SITTING Time NA	Gyroscope	Jerk	NA	SD	Z		
46 2	-0.985542325652174 SITTING Time NA	Gyroscope	Jerk	Magn	i tude	Mean	NΑ	
46	-0.991081493913043	Cyroboope	CCIN	114911	Loude	nean	1111	
2	SITTING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
46 2	-0.989594919565217 SITTING Time Body	Accelerome	otor	NA	NA	Mean	Y	46
	708735173913	neceicione	CCI	11/11	1471	ricuii	Λ	10
2	SITTING Time Body	Accelerome	eter	NA	NA	Mean	Y	
46	-0.0156879937282609 SITTING Time Body	Aggolorom	otor	NT 7A	NT 7A	Moan	7	
2 46	-0.109218272456522	Accelerome	erer	NA	NA	Mean	Z	
2		Accelerome	eter	NA	NA	SD	X	
46	-0.986822279565217					~-		
2 46	SITTING Time Body -0.950704499130435	Accelerome	eter	NA	NA	SD	Y	
2		Accelerome	eter	NA	NA	SD	Z	
46	-0.95982817173913							
2 46	SITTING Time Body -0.967893623913043	Accelerome	eter	NA	Magn	itude	Mean	NA
2		Accelerome	eter	NA	Magn	itude	SD	NA
	-0.953081444130435				,			
2	SITTING Time Body	Accelerome	eter	Jerk	NA	Mean	X	46
2	22564387173913 SITTING Time Body	Accelerome	eter	Jerk	NΑ	Mean	Υ	46
_	16954511323913	11000101011	3001	00111		110411	-	
2	SITTING Time Body	Accelerome	eter	Jerk	NA	Mean	Z	46
0.007	760546929869565 SITTING Time Body	Accelerome	otor	Jerk	NΔ	SD	Х	
46	-0.988055854130435	neceicione	CCI	OCIK	1471	DD	Λ	
2	<b>-</b>	Accelerome	eter	Jerk	NA	SD	Y	
46 2		λααοΊοποπο	at ar	Torle	NT 7A	GD.	7	
2 46	SITTING Time Body -0.98751821173913	Accesesome	ELEI	nerk	MA	SD	Z	

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Time Body Accelerometer
2
     SITTING
                                          Jerk Magnitude Mean NA
46
     -0.986774713043478
                Time Body Accelerometer
                                          Jerk Magnitude SD
2
     SITTING
                                                               NΑ
46
     -0.984475868043478
                Time Gravity
                               Accelerometer
2
     SITTING
                                               NA
                                                     NA
                                                          Mean X
46
     0.940477273043478
2
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
     SITTING
46
     -0.105630024498783
2
                Time Gravity
                               Accelerometer
                                                          Mean Z
     SITTING
                                               NA
                                                     NA
46
     0.19872676876087
2
                Time Gravity
                               Accelerometer
                                                          SD
                                                                Х
     SITTING
                                                NA
                                                     NA
46
     -0.979988760869565
2
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                                Y
46
     -0.956750273043478
                               Accelerometer
                                                                Z
2
     SITTING
                Time Gravity
                                               NA
                                                     NA
                                                          SD
46
     -0.954415873043478
2
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude Mean
NA
     46
          -0.967893623913043
2
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
     46
          -0.953081444130435
2
     SITTING
                          Gyroscope NA
                                                Mean X
                Freq NA
                                          NA
46
     -0.982621389565217
                          Gyroscope NA
                                                Mean Y
2
     SITTING
               Freq NA
                                          NA
46
     -0.982100923695652
2
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
46
     -0.959814822391304
2
                          Gyroscope NA
     SITTING
               Freq NA
                                          NA
                                                SD
                                                     Х
     -0.986808501521739
46
                          Gyroscope NA
2
     SITTING
               Freq NA
                                          NA
                                                SD
                                                     Y
46
     -0.977356188695652
2
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
     SITTING
                Freq NA
46
     -0.963522659782609
2
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
46
     -0.971840596086956
2
     SITTING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
46
     -0.961385745217391
2
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
46
     -0.989861950869565
2
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
46
     -0.989632908913043
2
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
46
     -0.985803840652174
2
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
46
     -0.957343498478261
2
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
     -0.970162172608696
46
2
     SITTING
               Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Х
                                          NA
```

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46
     -0.98736209
2
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    SD
                                          NA
                                                         Υ
     -0.950073754130435
46
2
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                         Z
46
     -0.956862864130435
2
     SITTING
               Freq Body Accelerometer
                                               Magnitude Mean NA
                                          NA
46
     -0.96127374826087
2
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
46
     -0.955575602173913
2
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
46
     -0.987848793695652
2
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
46
     -0.977139702826087
2
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
46
     -0.985129050217391
2
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
46
     -0.989459107391304
2
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Y
46
     -0.980804228478261
               Freq Body Accelerometer
                                                         Z
2
     SITTING
                                          Jerk NA
                                                    SD
46
     -0.988570804130435
2
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
46
     -0.983874698913043
2
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
46
     -0.984124185869565
2
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
54
     -0.0238623875712963
2
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
54
     -0.0820396577592593
2
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                         54
0.0878351695481481
2
               Time NA
                          Gyroscope NA
     STANDING
                                          NA
                                               SD
                                                    Х
     -0.972998629814815
54
                          Gyroscope NA
2
     STANDING
               Time NA
                                          NA
                                               SD
                                                    Υ
54
     -0.971441996481481
2
     STANDING
               Time NA
                          Gyroscope NA
                                                    Z
                                          NA
                                               SD
54
     -0.964856701851852
2
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude Mean NA
54
     -0.963466341851852
     STANDING
2
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
54
     -0.95394338037037
2
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
     -0.105562157888889
54
2
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
54
     -0.042241953537037
2
     STANDING
                          Gyroscope Jerk NA
               Time NA
                                               Mean Z
54
     -0.0546539479425926
```

2	STANDING		Gyro	scope	Jerk	NA	SD	X		
54 2	-0.979324 STANDING	Time NA	Gyro	scope	Jerk	NA	SD	Y		
54 2	-0.983447 STANDING		Gyro	scope	Jerk	NA	SD	Z		
54 2	-0.973610 STANDING		Gyros	scope	Jerk	Magn	i tude	Mean	NA	
54	-0.983951	904259259	_	_						
2 54	<b>STANDING -0.977204</b>		Gyro	scope	Jerk	Magni	Ltuae	ຣັກ	NA	
2	STANDING 7911472222	Time Body	Acce	lerome	eter	NA	NA	Mean	X	54
2	STANDING	Time Body		lerome	eter	NA	NA	Mean	Y	
54 2		8270166667 Time Body		lerome	eter	NA	NA	Mean	Z	
54	-0.105908	536055556								
2 54	-0.987271	Time Body 889259259	Acce.	Lerome	eter	NA	NA	SD	X	
2 54	STANDING -0.957304	Time Body	Acce	lerome	eter	NA	NA	SD	Y	
2	STANDING	Time Body	Acce	lerome	eter	NA	NA	SD	Z	
54 2	-0.949741 STANDING	851296296 Time Body	Acce	lerome	eter	NA	Magn	itude	Mean	NA
		_								
54		181296296		_						
54 2 54		Time Body	Acce:	lerome	eter	NA	Magn	itude	SD	NA
2 54 2	STANDING -0.957874 STANDING	Time Body 965 Time Body				NA Jerk	_	itude Mean		NA 54
2 54 2	STANDING -0.957874 STANDING 1758859759	Time Body 965 Time Body	Acce	lerome	eter		NA		X	
2 54 2 0.074 2 0.010	STANDING -0.957874 STANDING 4758859759 STANDING )329177479	Time Body 965 Time Body 2593 Time Body 4444	Acce	lerome	eter eter	Jerk Jerk	NA NA	Mean Mean	X Y	54
2 54 2 0.074 2 0.010 2	STANDING -0.957874 STANDING 4758859759 STANDING )329177479	Time Body 965 Time Body 2593 Time Body 4444 Time Body	Acce	lerome	eter eter	Jerk	NA NA	Mean	X Y	54
2 54 2 0.074 2 0.010 2 54 2	STANDING -0.957874 STANDING 4758859759 STANDING 0329177479 STANDING -0.008371 STANDING	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222	Acce Acce Acce	lerome	eter eter eter	Jerk Jerk Jerk	NA NA NA	Mean Mean Mean	X Y	54
2 54 2 0.074 2 0.010 2 54 2 54 2	STANDING -0.957874 STANDING 4758859759 STANDING 0329177479 STANDING -0.008371 STANDING -0.981085 STANDING	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556	Acce Acce Acce Acce Acce	lerome lerome lerome	eter eter eter	Jerk Jerk Jerk Jerk	NA NA NA	Mean Mean Mean	X Y Z	54
2 54 2 0.074 2 0.010 2 54 2 54 2 54	STANDING -0.957874 STANDING 4758859759 STANDING 0329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 715555556 Time Body 43962963	Acce Acce Acce Acce Acce	lerome lerome lerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean Mean SD	X Y Z X	54
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2 54	STANDING -0.957874 STANDING 4758859759 STANDING 0329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482	Acce. Acce. Acce. Acce. Acce. Acce. Acce.	lerome lerome lerome lerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean SD SD SD	x y z x y	54
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2	STANDING -0.957874 STANDING 4758859759 STANDING 0329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482 Time Body	Acce. Acce. Acce. Acce. Acce. Acce. Acce.	lerome lerome lerome lerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean Mean SD	x y z x y	54
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2 54 2 54 2	STANDING -0.957874 STANDING 4758859759 STANDING 329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841 STANDING -0.980489 STANDING	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482 Time Body 077407407 Time Body	Acce Acce Acce Acce Acce Acce	lerome lerome lerome lerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean SD SD SD SD	X Y Z X Y Z Mean	54
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2 54 2	STANDING -0.957874 STANDING 1758859759 STANDING 0329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841 STANDING -0.980489 STANDING -0.976675	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482 Time Body 077407407 Time Body	Acce Acce Acce Acce Acce Acce Acce	lerome lerome lerome lerome lerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA Magni	Mean Mean SD SD SD SD	X Y Z X Y Z Mean	54 54 NA
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2 54 2 54 2 54 2 54 2	STANDING -0.957874 STANDING 1758859759 STANDING 329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841 STANDING -0.980489 STANDING -0.980489 STANDING -0.976675 STANDING 0.8969285	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482 Time Body 077407407 Time Body 280185185 Time Grav 66851852	Acce Acce Acce Acce Acce Acce	lerome lerome lerome lerome lerome lerome	eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA Magni	Mean Mean SD SD SD itude itude	X Y Z X Y Z Mean SD Mean	54 54 NA NA
2 54 2 0.074 2 0.010 2 54 2 54 2 54 2 54 2 54 2 54 2	STANDING -0.957874 STANDING 1758859759 STANDING 329177479 STANDING -0.008371 STANDING -0.981085 STANDING -0.971059 STANDING -0.982841 STANDING -0.980489 STANDING -0.980489 STANDING -0.976675 STANDING 0.8969285	Time Body 965 Time Body 2593 Time Body 4444 Time Body 5884672222 Time Body 71555556 Time Body 43962963 Time Body 446481482 Time Body 4715555556 Time Body 486481482 Time Body 177407407 Time Body 280185185 Time Grav 66851852 Time Grav	Acce Acce Acce Acce Acce Acce	lerome lerome lerome lerome lerome lerome	eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA Magni	Mean Mean SD SD SD itude	X Y Z X Y Z Mean SD	54 54 NA NA

54	0.129747161222222								
2	STANDING Time Grav.	i + xz	Accel	erome	ster	NA	NA	SD	X
54	-0.986685818703704	тсу	ACCEL	LELOIN	CCI	IVA	IVA	סט	Λ
2	STANDING Time Grav.	itv	Accel	erome	eter	NA	NA	SD	Y
54	-0.97419442037037		110001		3001	1111	-11-1	22	-
2	STANDING Time Grav.	ity	Accel	Lerome	eter	NA	NA	SD	Z
54	-0.945927078703704	4							
2	STANDING Time Grav	ity	Accel	Lerome	eter	NA	Magn	itude	Mean
NA	54 -0.96587518129	6296					,		
2	STANDING Time Grav	ity	Accel	Lerome	eter	NA	Magn	itude	SD
NA	54 -0.957874965								
2	STANDING Freq NA	Gyro	scope	NA	NA	Mean	X		
54	-0.967037112037037								
2	STANDING Freq NA	Gyro	scope	NA	NA	Mean	Y		
54	-0.972576152962963								
2	STANDING Freq NA	Gyro	scope	NA	NA	Mean	Z		
54	-0.960627696111111								
2	STANDING Freq NA	Gyro	scope	NA	NA	SD	X		
54	-0.97498812462963	<b>G</b>		377	377	a D	**		
2	STANDING Freq NA	Gyro	scope	NA	NA	SD	Y		
54	-0.97103605037037	Crrro	aaana	<b>3.T.7</b> 3	NT 70	CD	7		
2 54	STANDING Freq NA -0.969754295740741	Gyro	scope	NA	NA	SD	Z		
2	STANDING Freq NA	Gyro	scope	NΙΔ	Magn	itude	Moan	NΙΔ	
54	-0.961775904814815	Gyro	всоре	IVA	magii.	Lcude	Mean	IVA	
2	STANDING Freq NA	Gyro	scope	NΑ	Magn	itude	SD	NA	
54	-0.956788725740741	G/IO	Боорс	1111	114911	Loude	DD.	1421	
2	STANDING Freq NA	Gvro	scope	Jerk	Magn	itude	Mean	NA	
54	-0.977849827407407	4	_		,				
2	STANDING Freq NA	Gyro	scope	Jerk	Magn	itude	SD	NA	
54	-0.977754298148148	_	_		_				
2	STANDING Freq Body	Acce	lerome	eter	NA	NA	Mean	X	
54	-0.983946739814815								
2	STANDING Freq Body	Acce	lerome	eter	NA	NA	Mean	Y	
54	-0.959871697407407								
2	STANDING Freq Body	Acce	lerome	eter	NA	NA	Mean	Z	
54	-0.962471195740741		_						
2	STANDING Freq Body	Acce	lerome	eter	NA	NA	SD	X	
54	-0.989056469814815	_	7				<b>a n</b>		
2	STANDING Freq Body	Acce.	lerome	eter	NA	NA	SD	Y	
54	-0.957908842222222	7 ~ ~ ~	1		377	37.73	CD	D	
2	STANDING Freq Body	Acce.	тетоше	eter	NA	NA	SD	Z	
54 2	-0.946433583518518 STANDING Freq Body	Δααα	laromo	tor.	NA	Magn	i + 1140	Mean	NΔ
2 54	-0.964052166481482	ACCE	TETOIIIE	- CCI	IAU	rayıı.	Luue	ricaii	NV
2	STANDING Freq Body	Acce	lerome	ter	NA	Magn	itude	SD	NA
54	-0.960519381481482	11000			-1	9		~~	-1
•	<del></del>								

```
STANDING Freq Body Accelerometer
2
                                          Jerk NA
                                                    Mean X
54
     -0.980973241666667
     STANDING Freq Body Accelerometer
2
                                          Jerk NA
                                                    Mean Y
54
     -0.970851337962963
     STANDING Freq Body Accelerometer
2
                                          Jerk NA
                                                    Mean Z
54
     -0.979775152037037
2
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
54
     -0.983007923703704
2
     STANDING Freq Body Accelerometer
                                                         Y
                                          Jerk NA
                                                    SD
54
     -0.973520241111111
2
     STANDING Freq Body Accelerometer
                                                         Z
                                                    SD
                                          Jerk NA
54
     -0.984599905185185
2
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
54
     -0.97706529555556
2
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
54
     -0.97516046
2
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
59
     -0.0530258157347458
2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
59
     -0.0482382316949153
                                                         59
               Time NA
                          Gyroscope NA
                                               Mean Z
     WALKING
                                          NA
0.0828336633220339
                          Gyroscope NA
                                                    Х
2
     WALKING
               Time NA
                                          NA
                                               SD
59
     -0.561550255762712
2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Υ
59
     -0.53845366779661
                                                    Z
2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
59
     -0.481085535084746
                          Gyroscope NA
                                         Magnitude Mean NA
2
     WALKING
               Time NA
59
     -0.446549092881356
2
                          Gyroscope NA
     WALKING
               Time NA
                                         Magnitude SD
                                                         NA
59
     -0.553019916271186
2
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
59
     -0.0818833429152542
2
               Time NA
                          Gyroscope Jerk NA
     WALKING
                                               Mean Y
59
     -0.0538299449067797
                          Gyroscope Jerk NA
2
     WALKING
               Time NA
                                               Mean Z
59
     -0.0514939156830508
2
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
59
     -0.389549831525424
                          Gyroscope Jerk NA
                                                    Υ
     WALKING
               Time NA
                                               SD
59
     -0.634140436101695
2
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Z
     -0.435492677288136
59
2
     WALKING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
59
     -0.547911950338983
                          Gyroscope Jerk Magnitude SD
2
     WALKING
               Time NA
```

59	-0.557798151355932					
2		NA	NA	Mean	Х	59
0.27	6426586440678					
2	<u> -</u>	NA	NA	Mean	Y	
59	-0.0185949199145763					
2	4	NA	NA	Mean	Z	
59 2	-0.105500357966102 WALKING Time Body Accelerometer	NT 7N	NT 70	CD	v	
2 59	WALKING Time Body Accelerometer 1 -0.423642838474576	NA	NA	SD	X	
2		NA	NA	SD	Y	
59	-0.0780912533118644					
2	WALKING Time Body Accelerometer	NA	NA	SD	Z	
59	-0.425257524915254					
2	<b>-</b>	NA	Magn	itude	Mean	NA
59 2	-0.290407593728814	NT 70	Magn	: d a	CD	37.7
2 59	WALKING Time Body Accelerometer 1 -0.422544169322034	NA	magn.	itude	อบ	NA
2		Jerk	NA	Mean	X	59
	18080696279661		_,			
2	WALKING Time Body Accelerometer	Jerk	NA	Mean	Y	59
0.01	82492679288136					
2	<b>4</b>	Jerk	NA	Mean	$\mathbf{Z}$	59
	789533706610169	T1-		a D	17	
2 59	WALKING Time Body Accelerometer -0.277530462620339	Jerk	NA	SD	X	
2		Jerk	NΔ	SD	Y	
59	-0.0166022362847458	OCIK	1471	DD	_	
2		Jerk	NA	SD	Z	
59	-0.586090418983051					
2		Jerk	Magn	itude	Mean	NA
59	-0.281424153881356	_ ,			~-	
2 59	WALKING Time Body Accelerometer -0.164150985127119	Jerk	Magn	itude	SD	NA
2	WALKING Time Gravity Accelerome	tor	NA	NA	Mean	Y
59	0.91301733338983	CCI	IVA	IVA	Hean	Λ
2	WALKING Time Gravity Accelerome	ter	NA	NA	Mean	Y
59	-0.34660709					
2	WALKING Time Gravity Accelerome	ter	NA	NA	Mean	Z
59	0.0847270871186441					
2	WALKING Time Gravity Accelerome	ter	NA	NA	SD	X
59 2	-0.972693201355932 WALKING Time Gravity Accelerome	tor	NT 70	NT 7N	SD	Y
2 59	-0.972116879661017	cer	NA	NA	עמ	1
2	WALKING Time Gravity Accelerome	ter	NA	NA	SD	Z
59	-0.972072847627119	· <del></del>	- :=	=	=	
2	WALKING Time Gravity Accelerome	ter	NA	Magn	itude	Mean
NA	59 -0.290407593728814					

```
2
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     59
          -0.422544169322034
2
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
59
     -0.429713536101695
2
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
59
     -0.55477211220339
2
                          Gyroscope NA
                                          NA
                                                Mean Z
     WALKING
                Freq NA
59
     -0.396659907457627
2
                          Gyroscope NA
                                                SD
                                                     Х
     WALKING
                                          NA
                Freq NA
59
     -0.604053019152542
2
                          Gyroscope NA
                                                     Y
     WALKING
                Freq NA
                                          NA
                                                SD
59
     -0.533046952542373
2
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
59
     -0.559856635084746
2
     WALKING
                          Gyroscope NA
                                          Magnitude Mean NA
                Freq NA
59
     -0.530704814745763
2
     WALKING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
                Freq NA
59
     -0.651792839661017
2
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
59
     -0.583249293389831
2
                          Gyroscope Jerk Magnitude SD
     WALKING
                Frea NA
                                                          NA
59
     -0.558104554745763
2
                Freq Body Accelerometer
                                                NA
                                                     Mean X
     WALKING
                                          NA
59
     -0.346048161016949
2
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
59
     -0.0219048103322034
2
                Freq Body Accelerometer
     WALKING
                                          NA
                                                NA
                                                     Mean Z
59
     -0.453806369830508
2
     WALKING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
59
     -0.457651383728814
2
                Freq Body Accelerometer
                                                          Y
     WALKING
                                          NA
                                                NA
                                                     SD
59
     -0.16921968620339
2
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
59
     -0.455222146440678
2
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
     WALKING
59
     -0.324289427932203
2
                Freq Body Accelerometer
                                                Magnitude SD
     WALKING
                                          NA
                                                                NA
59
     -0.577105211694915
2
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
59
     -0.304615322881356
2
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
     WALKING
59
     -0.0787640836610169
2
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
59
     -0.554956709661017
2
     WALKING
                Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                          Х
59
     -0.31431306340678
2
     WALKING
                Freq Body Accelerometer
                                                     SD
                                                          Y
                                          Jerk NA
```

```
59
     -0.0153329520084746
2
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
     WALKING
59
     -0.615898188474576
2
     WALKING
                Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
59
     -0.169064352813559
2
                Freq Body Accelerometer
                                          Jerk Magnitude SD
     WALKING
                                                                NA
59
     -0.164091969449153
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
47
     -0.11594735287234
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
47
     -0.00482329231914894
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                          Mean Z
                                                     NA
47
     0.097173808906383
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
47
     -0.320789230008511
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
47
     -0.415739144893617
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Z
47
     -0.279418388042553
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
NA
     47
          -0.162188586930426
                          Time NA
2
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                     Magnitude SD
NA
     47
          -0.274844110531915
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
47
     -0.0581038498510638
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
47
     -0.0421470257531915
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
47
     -0.0710229816893617
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Х
47
     -0.243940592553192
2
                                     Gyroscope Jerk NA
     WALKING DOWNSTAIRS
                          Time NA
                                                          SD
                                                                Y
47
     -0.469396701106383
                                     Gyroscope Jerk NA
2
     WALKING DOWNSTAIRS
                          Time NA
                                                          SD
                                                                \mathbf{z}
47
     -0.218266318606383
2
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Time NA
          -0.410872671489362
NA
     47
2
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.343187875404255
2
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
X
     47
           0.27761534806383
2
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
          -0.0226614158361702
2
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                     NA
                                                          NA
                                                                Mean
Z
     47
          -0.116812942382979
2
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
          0.0463666814446808
X
     47
```

2	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y 2	47 0.2628817889510 WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
Z 2	47 -0.102837908063 WALKING DOWNSTAIRS		Bodv	Accelerome	eter	NA	Magni	itude
Mean	NA 47 0.08995112	204978	3723				_	
2 SD	WALKING_DOWNSTAIRS NA 47 0.2155863		_	Accelerome	eter	NA	Magni	Ltude
2 X	WALKING_DOWNSTAIRS 47 0.1100406155699		Body	Accelerome	eter	Jerk	NA	Mean
2	WALKING_DOWNSTAIRS	Time	_	Accelerome	eter	Jerk	NA	Mean
У 2	47 -0.003279590814 WALKING DOWNSTAIRS			Accelerome	eter	Jerk	NA	Mean
Z	47 -0.020935167770	65957	_					
2 X	WALKING_DOWNSTAIRS 47 0.1472491432382		Body	Accelerome	eter	Jerk	NA	SD
2	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	Jerk	NA	SD
Y 2	47 0.1268280145574 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	47 -0.340122023193	1489	_					
2 Mean	WALKING_DOWNSTAIRS NA 47 0.00565510		_	Accelerome	eter	Jerk	Magni	Ltude
2	WALKING_DOWNSTAIRS		_	Accelerome	eter	Jerk	Magni	itude
SD 2	NA 47 0.22961718 WALKING_DOWNSTAIRS			ity Accel	lerome	eter	NA	NA
Mean 2	X 47 0.86183134 WALKING DOWNSTAIRS			ity Aggol	loroma	o+or	NA	NA
z Mean	<b>—</b>			ity Accel	rerome	scer	NA	NA
2 Mean	WALKING_DOWNSTAIRS Z 47 -0.0438890			ity Accel	lerome	eter	NA	NA
2	WALKING_DOWNSTAIRS			ity Accel	lerome	eter	NA	NA
SD 2	X 47 -0.940361 WALKING_DOWNSTAIRS			ity Accel	larome	a+ar	NΙΔ	NA
SD	Y 47 -0.940068			icy Accel	rerome	CEI	IVA	NA
2 SD	WALKING_DOWNSTAIRS Z 47 -0.9314383			ity Accel	lerome	eter	NA	NA
2	WALKING_DOWNSTAIRS	Time	Gravi	_	lerome	eter	NA	
Magn:	itude Mean NA 47 WALKING DOWNSTAIRS			204978723 ity Accel	lerome	oter	NA	
_	itude SD NA 47	0.215	558633	34889362				
2 47	WALKING_DOWNSTAIRS -0.145775970406383	Freq	NA	Gyroscope	NA	NA	Mean	X
2	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Y
47 2	-0.361913824 WALKING DOWNSTAIRS	Frea	NA	Gyroscope	NΑ	NA	Mean	7.
47	-0.0874944736085106	_		_				_
2	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X

```
47
     -0.379436674361702
2
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
47
     -0.458732747446809
2
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                          SD
                                                               Z
47
     -0.422987665106383
2
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
NA
          -0.320838543553191
2
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    Magnitude SD
NA
          -0.372576755361702
2
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude Mean
NA
     47
          -0.380175306489362
2
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude SD
NA
     47
          -0.343698985425532
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Х
          0.112841160325532
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Y
          0.278345041765957
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.131290772
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
X
     47
          0.0161046198595745
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          0.171973972957447
     47
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.162032894287234
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         Magnitude
                0.293424826591489
Mean NA
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         Magnitude
SD
          47
               -0.0214787881723404
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
X
     47
          0.138120681087234
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          0.0962091607617021
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.271498721106383
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
X
          0.0499590624829787
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Υ
          0.0808333491276596
2
                          Freq Body Accelerometer
                                                               SD
     WALKING DOWNSTAIRS
                                                    Jerk NA
Z
          -0.408227423191489
2
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          47
                0.222247409576596
2
                          Freq Body Accelerometer
                                                    Jerk Magnitude
     WALKING DOWNSTAIRS
SD
     NA
          47
                0.227480732542553
2
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
     -0.0576912634583333
48
```

2 48	WALKING_UPSTAIRS -0.0320883097395833	Time	NA	Gyroscope	NA	NA	Mean	Y
2	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
48	0.0688374021666667 WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
48 2	-0.439253058958333 WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
48 2	-0.466298336666667 WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
48 2	-0.163995791679167 WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	Mean
NA	48 <b>-0.21971347295</b> 8		<b>3.7.7</b> 3	Compagana	<b>3.7.7</b> 3	Magn	: d .	CD
2 NA	WALKING_UPSTAIRS 48 -0.377532167604	Time 4167	NA	Gyroscope	NA	magn:	itude	SD
2 48	WALKING_UPSTAIRS -0.0828858001333333	Time	NA	Gyroscope	Jerk	NA	Mean	X
2	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
48 2	-0.0424053708458333 WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
48 2	-0.0445157481625 WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
48	-0.464854363125			_				
2 48	WALKING_UPSTAIRS -0.645491337708333	Time	NA	Gyroscope	Jerk	NA	SD	Y
2	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
48 2	-0.467595961041667 WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	Magn:	i t.ude	Mean
NA	48 -0.57281643854			-1		5		
2 NA	WALKING_UPSTAIRS 48 -0.597291719160	Time	NA	Gyroscope	Jerk	Magn	itude	SD
2	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
X	48 0.2471647903958			_				
2 Y	WALKING_UPSTAIRS 48 -0.021412113204		Body	Accelerome	eter	NA	NA	Mean
2	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
Z 2	48 -0.152513899520 WALKING UPSTAIRS		Rody	Accelerom	otor	NA	NA	SD
X	48 <b>-0.</b> 304376406458		воцу	Accetetome	ecer	IVA	NA	ענ
2	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
Y	48 0.1080272798899 WALKING UPSTAIRS		Dods	Aggolorom	2+ 0×	NT 70	NT 70	CD
2 Z	48 -0.11212102122		воау	Accelerome	erer	NA	NA	SD
2	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	Magn	itude
Mean				_				
2 SD	WALKING_UPSTAIRS NA 48 -0.2059770		_	Accelerome	eter	NA	Magn	itude
2	WALKING_UPSTAIRS			Accelerome	eter	Jerk	NA	Mean

```
Х
     48
          0.0744507839572917
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
Υ
     48
          -0.00970985514333333
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
Z
          0.01948143925
2
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk NA
                                                                SD
Х
          -0.276121886479167
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                                SD
                                                     Jerk NA
Y
          -0.185648954220833
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.5737463525
     48
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          48
                -0.321268911041667
2
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
     NA
          48
                -0.21738939458125
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean X
          48
                0.790717418541667
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
          48
                -0.416214890416667
Mean Y
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
                -0.195888238891667
Mean Z
          48
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
                -0.934407739791667
          48
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
     Y
          48
                -0.92376745375
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
                -0.878004056875
          48
2
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.107322679520833
Magnitude Mean NA
                     48
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.205977045295833
Magnitude SD
                NA
                     48
2
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
48
     -0.331643577458333
2
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
48
     -0.488086123958333
2
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
48
     -0.248601122
2
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
                          Freq NA
48
     -0.476358845625
2
                                     Gyroscope NA
                                                                Y
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
48
     -0.459758488958333
2
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
                          Freq NA
48
     -0.218072471479167
2
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude Mean
                          Freq NA
NA
     48
          -0.450612184791667
2
     WALKING UPSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     Magnitude SD
          -0.438620401875
     48
NA
```

```
2
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude Mean
NA
          -0.60079849625
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
2
     WALKING UPSTAIRS
NA
     48
          -0.621820202916667
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
X
          -0.266720933270833
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
     48
          0.00992445881854167
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Z
          -0.281001986202083
2
                          Freq Body Accelerometer
                                                    NA
                                                               SD
     WALKING UPSTAIRS
                                                          NA
Х
          -0.320582414375
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Y
     48
          0.0848802791083333
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Z
          -0.09454497643125
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          Magnitude
Mean NA
          48
               -0.14531853915625
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          Magnitude
SD
     NA
          48
               -0.36672824375
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          -0.258639439729167
2
                          Freq Body Accelerometer
                                                    Jerk NA
     WALKING UPSTAIRS
                                                               Mean
Y
     48
          -0.1878421317125
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.522728063333333
2
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Х
     48
          -0.365415441458333
2
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.243554146666667
2
                          Freq Body Accelerometer
                                                               SD
     WALKING UPSTAIRS
                                                    Jerk NA
Z
          -0.625090981458333
2
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          48
                -0.189511136902083
                          Freq Body Accelerometer Jerk Magnitude
2
     WALKING UPSTAIRS
SD
          48
     NA
                -0.2604238389625
3
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
62
     -0.0208170540330645
3
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
62
     -0.0718507159435484
     LAYING
                                                          62
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
0.137999561112903
3
     LAYING
                Time NA
                          Gyroscope NA
                                               SD
                                                    Х
                                          NA
62
     -0.974545752096774
3
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Υ
     -0.977272653709677
62
3
     LAYING
               Time NA
                          Gyroscope NA
                                               SD
                                                     Z
                                          NA
```

62	-0.963505609032258							
3	LAYING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
62 3	-0.951564751451613 LAYING Time NA	Gyroscope	NΑ	Magn	i tude	SD	NA	
62	-0.954275110967742	Cyroboope	1111	iiagii.	Loude	DD.	1111	
3	LAYING Time NA	Gyroscope	Jerk	NA	Mean	X		
62 3	-0.10004449883871 LAYING Time NA	Gyroscope	Tork	NΙΔ	Mean	v		
62	-0.0389771765322581	Gyroscope	OGIK	IVA	Mean	1		
3	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Z		
62	-0.06873387	Criroggono	Tords	NT 70	СD	v		
3 62	LAYING Time NA -0.980328645	Gyroscope	Jerk	NA	SD	X		
3	LAYING Time NA	Gyroscope	Jerk	NA	SD	Y		
62	-0.986762741935484		_ ,		~-	_		
3 62	LAYING Time NA -0.983338279516129	Gyroscope	Jerk	NA	SD	Z		
3	LAYING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
62	-0.98671362516129							
3	LAYING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
62 3	-0.983139255645161 LAYING Time Body	Accelerome	eter	NA	NA	Mean	X	62
	5516852741935	11000101011	3001			110411		02
3	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
62 3	-0.0189556785048387 LAYING Time Body	Aggolorom	otor	NT 7A	NT 7A	Moan	7	
5 62	-0.101300477506452	Accelerome	scer	NA	NA	Mean	4	
3		Accelerome	eter	NA	NA	SD	X	
62	-0.982776639193548					~-		
3 62	LAYING Time Body -0.962057544516129	Accelerome	eter	NA	NA	SD	Y	
3	LAYING Time Body	Accelerome	eter	NA	NA	SD	Z	
62	-0.96369103483871							
3 62	LAYING Time Body -0.972791346129032	Accelerome	eter	NA	Magn	itude	Mean	NA
3	LAYING Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
62	-0.964218176451613				,			
3	<del>-</del>	Accelerome	eter	Jerk	NA	Mean	X	62
3	69811125806452 LAYING Time Body	Accelerome	eter	Jerk	NΔ	Mean	v	62
	38041011306452	11000101011	2001	OCIN	1111	nean	-	02
3	_	Accelerome	eter	Jerk	NA	Mean	Z	
62 3	-0.00435625874355645		ot or	Torle	NT 7A	GD.	v	
3 62	LAYING Time Body -0.98087931483871	Accelerome	ELEI	Jerk	IVA	SD	X	
3		Accelerome	eter	Jerk	NA	SD	Y	
62	-0.968710724677419							

```
Time Body Accelerometer
                                          Jerk NA
3
     LAYING
                                                     SD
62
     -0.982093162903226
3
     LAYING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
62
     -0.979484593387097
3
                Time Body Accelerometer
     LAYING
                                          Jerk Magnitude SD
                                                               NA
62
     -0.976121297903226
3
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
62
     -0.241758478064516
3
                Time Gravity
                               Accelerometer
                                                     NA
                                                          Mean Y
     LAYING
                                               NA
62
     0.837032099677419
3
     LAYING
                Time Gravity
                               Accelerometer
                                                          Mean Z
                                               NA
                                                     NA
62
     0.48870318516129
3
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Х
62
     -0.982512193064516
3
     LAYING
                Time Gravity
                               Accelerometer
                                                               Y
                                               NA
                                                     NA
                                                          SD
     -0.981202749677419
62
3
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Z
62
     -0.964807543870968
3
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude Mean
     62
          -0.972791346129032
NA
3
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
     62
          -0.964218176451613
                          Gyroscope NA
                                               Mean X
3
     LAYING
               Freq NA
                                          NA
62
     -0.970167262903226
3
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
62
     -0.978099682258065
                                               Mean Z
3
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
62
     -0.962341960806452
3
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     X
62
     -0.975986433709677
3
                          Gyroscope NA
                                                     Y
     LAYING
               Freq NA
                                          NA
                                               SD
     -0.977032495483871
62
3
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
               Freq NA
62
     -0.967256854193548
3
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
62
     -0.96458672483871
                          Gyroscope NA
                                          Magnitude SD
3
     LAYING
               Freq NA
                                                          NA
62
     -0.955441855806452
3
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
62
     -0.984278251290323
3
                          Gyroscope Jerk Magnitude SD
     LAYING
                Freq NA
                                                          NA
62
     -0.982568158064516
3
     LAYING
               Freq Body Accelerometer
                                               NA
                                                     Mean X
                                          NA
62
     -0.980665609032258
3
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
62
     -0.961169982903226
3
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
```

62	0 060222	141612903							
3		Freq Body	Accelerom	atar	NA	NA	SD	Х	
62		.129032258	Acceleronic	SCCI	INT	IVA	SD	Λ	
3		Freq Body	Accelerome	eter	NA	NA	SD	Y	
62		604193548							
3	LAYING	Freq Body	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
62	-0.963279	08016129							
3		Freq Body	Accelerome	eter	NA	Magn	itude	Mean	NA
62	-0.965524								
3		Freq Body	Accelerome	eter	NA	Magn	itude	SD	NA
62		217419355			_ ,				
3		Freq Body	Accelerome	eter	Jerk	NA	Mean	Х	
62 3		202258064 Freq Body	Aggolorom	o+or	Jerk	NT 7N	Moan	v	
5 62		113709677	Accelerome	erer	nerk	IVA	Mean	1	
3		Freq Body	Accelerome	eter	Jerk	NΑ	Mean	7.	
62		344354839	1100010101	3001	00111	-11-1	mair	_	
3	LAYING	Freq Body	Accelerome	eter	Jerk	NA	SD	X	
62		615967742							
3	LAYING	Freq Body	Accelerome	eter	Jerk	NA	SD	Y	
62	-0.971044	012741936							
3		Freq Body	Accelerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
62		904677419							
3		Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
62		597903226			T1-	36		an	373
3 62		Freq Body 377903226	Accelerome	eter	Jerk	Magn	itude	SD	NA
3	SITTING	Time NA	Gyroscope	NT 7N	NA	Mean	v		
52		55204807692	Gyloscope	IVA	IVA	Mean	Λ		
3	SITTING		Gyroscope	NA	NA	Mean	Y		
52	-0.075241		-1				_		
3	SITTING	Time NA	Gyroscope	NA	NA	Mean	Z	52	
0.094	4011397553	0769							
3	SITTING	Time NA	Gyroscope	NA	NA	SD	X		
52		768461538							
3	SITTING	Time NA	Gyroscope	NA	NA	SD	Y		
52		571346154	a			<b>a n</b>	_		
3	SITTING	Time NA	Gyroscope	NA	NA	SD	Z		
52 3	-0.926413	710384615 Time NA	Gyroscope	NT 7N	Magn	i + 11de	Mean	NΙΛ	
52		372307692	Gyloscope	IVA	Magii.	Luue	Mean	IVA	
3	SITTING	Time NA	Gyroscope	NA	Magn:	itude	SD	NA	
52		103807692	сугорооро		1149111			-11-1	
3	SITTING		Gyroscope	Jerk	NA	Mean	X		
52		889057692	- <b>-</b>						
3	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
52	-0.036090	9881807692							

3	SITTING	Time	NΔ	Gyroso	one	.Tork	NΔ	Mean	7.		
, 52	-0.05900°			CITOSC	.ope	OCTV	1477	ncan	۵		
3	SITTING	Time		Gyroso	one	Jork	NΔ	SD	X		
5 52	<b>-0.97254</b> 0			dyrose	.opc	OCIK	1471	DD	Λ		
3	SITTING	Time		Gyroso	one	Jork	NΔ	SD	Y		
5 52	<b>-0.97863</b> !			GYLOSC	.ope	OCIK	INT	טט	1		
3	SITTING			Gyroso	one	Tork	NΤΛ	SD	Z		
5 52	-0.97375			Gyrosc	.ope	nerv	IVA	עט	Д		
3				Crrrogo		Tords	Magn	: <b>+</b> do	Moon	NT 7N	
	SITTING -0.977998	Time		Gyrosc	ope	Jerk	Magii.	Luue	Mean	NA	
52				C		Tomle	Moan	: <b></b>	CD	3.7.73	
3	SITTING	Time		Gyroso	ope	Jerk	magn.	rtude	מפ	NA	
52	-0.976772										- 0
3	SITTING		воау	Accele	erome	eter	NA	NA	Mean	Х	52
	719759913										
3	SITTING			Accele	erome	eter	NA	NA	Mean	Y	
52	-0.003502										
3	SITTING		_	Accele	erome	eter	NA	NA	Mean	Z	
52	-0.09835										
3	SITTING			Accele	erome	eter	NA	NA	SD	X	
52	-0.971010										
3	SITTING		_	Accele	erome	eter	NA	NA	SD	Y	
52	-0.85661	7812115	385								
3	SITTING			Accele	erome	eter	NA	NA	SD	Z	
52	-0.875110	0175384	1615								
3	SITTING	Time	Body	Accele	erome	eter	NA	Magn	itude	Mean	NA
52	-0.895383	3350192	2308								
3	SITTING	Time	Body	Accele	erome	eter	NA	Magn	itude	SD	NA
52	-0.87030	17									
3	SITTING	Time	Body	Accele	erome	eter	Jerk	NA	Mean	X	52
0.072	260984186	53846									
3	SITTING	Time	Body	Accele	rome	eter	Jerk	NA	Mean	Y	52
0.002	2725291342	230769	_								
3	SITTING	Time	Body	Accele	erome	eter	Jerk	NA	Mean	Z	
52	-0.004233		_								
3	SITTING	Time	Body	Accele	erome	eter	Jerk	NA	SD	X	
52	-0.97446		_								
3	SITTING			Accele	erome	eter	Jerk	NA	SD	Y	
52	-0.95363		_				_				
3	SITTING			Accele	erome	eter	Jerk	NA	SD	Z	
52	-0.97466		_			<b>-</b>				_	
3	SITTING			Accele	rome	eter	Jerk	Magn:	i tude	Mean	NΑ
52	-0.969080		_								
3	SITTING			Accele	rome	eter	Jerk	Magn	i tude	SD	NA
52	-0.96655		_	-100010			2011	9		~~	-111
3	SITTING		Gravi	itv 🏻	ردرے]	Lerome	eter	NA	NA	Mean	x
52	0.9010989			LUY F		LCT OILL	CCI	1477	1477	ncan	21
3	SITTING			ity A	CCD <sup>1</sup>	leroma	ater	NA	NA	Mean	v
J	PITITING	TTIME	JIAV.	LCY P	rcce1	ret Oille	CCT	7.17.7	7.17.7	ricail	т

52	0.127303379245962								
3	SITTING Time Grav	itv	Acce	lerome	eter	NA	NA	Mean	7.
52	0.139020582461538		110001		3001	1111		110411	_
3	SITTING Time Grav	ity	Acce	Lerome	eter	NA	NA	SD	X
52	-0.957324457884615	_							
3	SITTING Time Grav	ity	Accel	Lerome	eter	NA	NA	SD	Y
52	-0.903923008269231								
3	SITTING Time Grav	ity	Acce]	Lerome	eter	NA	NA	SD	$\mathbf{Z}$
52	-0.897736318269231							• • •	
3 NA	SITTING Time Grav. 52 -0.895383350193	_	Acce	Lerome	eter	NA	Magn	itude	Mean
NА 3	SITTING Time Grav		Acce	larome	atar	NA	Magn:	itude	SD
NA	52 -0.8703017	тсу	ACCE	reronie	SCEI	IVA	Magii.	rcude	שט
3	SITTING Freq NA	Gvro	scope	NA	NA	Mean	Х		
52	-0.957550637692308	4	-						
3	SITTING Freq NA	Gyro	scope	NA	NA	Mean	Y		
52	-0.95617355								
3	SITTING Freq NA	Gyro	scope	NA	NA	Mean	Z		
52	-0.934967958846154								
3	SITTING Freq NA	Gyro	scope	NA	NA	SD	X		
52 3	-0.968013062884615	Crrro		NT 70	NT 7N	CD	37		
5 52	SITTING Freq NA -0.939609988461538	Gyro	scope	NA	NA	SD	Y		
3	SITTING Freq NA	Gyro	scope	NA	NA	SD	Z		
52	-0.930633150769231	0,10	оче	-11-1	-11-1	22	_		
3	SITTING Freq NA	Gyro	scope	NA	Magn	itude	Mean	NA	
52	-0.946664943653846	_	_		_				
3	SITTING Freq NA	Gyro	scope	NA	Magn	itude	SD	NA	
52	-0.925449629								
3	SITTING Freq NA	Gyro	scope	Jerk	Magn:	itude	Mean	NA	
52 2	-0.977898105576923	Crrro	aaana	Torle	Magn	:+d.	CD	NT 70	
3 52	SITTING Freq NA -0.976689802692308	Gyro	scope	Jerk	magn.	rtude	ຣັກ	NA	
3	SITTING Freq Body	Acce	lerome	eter	NA	NA	Mean	x	
52	<b>-0.</b> 970154440961538	11000	2020111	3001	-11-1	1111	man		
3	SITTING Freq Body	Acce	lerome	eter	NA	NA	Mean	Y	
52	-0.891907751346154								
3	SITTING Freq Body	Acce	lerome	eter	NA	NA	Mean	Z	
52	-0.917987925384615								
3	SITTING Freq Body	Acce	lerome	eter	NA	NA	SD	X	
52	-0.971605878461538	7	1		377	377	αD	37	
3 52	SITTING Freq Body -0.8496556575	Acce.	rerome	eter	NA	NA	SD	Y	
3	SITTING Freq Body	Acce	leroma	eter	NA	NA	SD	Z	
52	-0.864322464038462	11000.			1411	1111		_	
3	SITTING Freq Body	Acce	lerome	eter	NA	Magn	itude	Mean	NA
52	-0.904185725576923					,			

3 52	SITTING -0.874626		Accelerome	eter	NA	Magni	itude	SD	NA
3 52	SITTING -0.9749503	Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
3	SITTING	Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
52 3		Freq Body	Accelerome	eter	Jerk	NA	Mean	Z	
52 3	-0.9708450 SITTING -0.976283	Freq Body	Accelerome	eter	Jerk	NA	SD	X	
52 3		Freq Body	Accelerome	eter	Jerk	NA	SD	Y	
52 3 52	-0.936461 SITTING -0.977159	Freq Body	Accelerome	eter	Jerk	NA	SD	Z	
3 52	-0.977139. SITTING -0.965888	Freq Body	Accelerome	eter	Jerk	Magni	itude	Mean	NA
3 52		Freq Body	Accelerome	eter	Jerk	Magni	itude	SD	NA
3 61	STANDING		Gyroscope	NA	NA	Mean	X		
3	STANDING	Time NA 1918262295	Gyroscope	NA	NA	Mean	Y		
3	STANDING 55262054098	Time NA	Gyroscope	NA	NA	Mean	Z	61	
3 61	STANDING -0.9004622	Time NA	Gyroscope	NA	NA	SD	X		
3	STANDING -0.9277880	Time NA	Gyroscope	NA	NA	SD	Y		
3 61	STANDING -0.9123640	Time NA	Gyroscope	NA	NA	SD	Z		
3	STANDING -0.8920893	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
3 61	STANDING -0.8821252	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
3	STANDING		Gyroscope	Jerk	NA	Mean	X		
3 61	STANDING	Time NA 5819016393	Gyroscope	Jerk	NA	Mean	Y		
3 61	STANDING		Gyroscope	Jerk	NA	Mean	Z		
3 61	STANDING -0.940937	Time NA 642459016	Gyroscope	Jerk	NA	SD	X		
3 61	STANDING -0.968433		Gyroscope	Jerk	NA	SD	Y		
3 61	STANDING -0.9582930	Time NA	Gyroscope	Jerk	NA	SD	Z		
3	STANDING		Gyroscope	Jerk	Magn	itude	Mean	NA	

61	-0.962339339672131		:	an.	37.7	
3 61	STANDING Time NA Gyroscope Je -0.957679766885246	erk Magni	ıtuae	SD	NA	
3	STANDING Time Body Acceleromete	er NA	NA	Mean	X	61
	0046513278689	~ N7	NT 70	Moon	37	
3 61	STANDING Time Body Acceleromete -0.0143376555065574	er NA	NA	Mean	1	
3	STANDING Time Body Acceleromete	er NA	NA	Mean	Z	
61	-0.101621722633148	N.A	37.73	CD	v	
3 61	STANDING Time Body Acceleromete -0.96674254295082	er NA	NA	SD	X	
3	STANDING Time Body Acceleromete	er NA	NA	SD	Y	
61	-0.893449307213115	377	27.7	an.		
3 61	STANDING Time Body Acceleromete -0.911419015081967	er NA	NA	SD	Z	
3	STANDING Time Body Acceleromete	er NA	Magni	tude	Mean	NA
61	-0.925430819016393	27.7			a 5	
3 61	STANDING Time Body Acceleromete -0.915143303606557	er NA	Magni	Ltude	SD	NA
3	STANDING Time Body Acceleromete	r Jerk	NA	Mean	X	61
	50900622277049					
3	STANDING Time Body Acceleromete 771663644590164	er Jerk	NA	Mean	Y	61
3	STANDING Time Body Acceleromete	er Jerk	NA	Mean	Z	
61	-0.00807177934114754					
3 61	STANDING Time Body Acceleromete -0.957086489344262	er Jerk	NA	SD	X	
3	STANDING Time Body Acceleromete	er Jerk	NA	SD	Y	
61	-0.941686785737705					
3	STANDING Time Body Acceleromete	er Jerk	NA	SD	Z	
61 3	-0.973059634918033 STANDING Time Body Acceleromete	r Jerk	Magni	tude	Mean	NA
61	-0.959303840327869	e ocin	iiugii:	Leade	nean	1111
3	STANDING Time Body Accelerometer	er Jerk	Magni	tude	SD	NA
61 3	-0.948770043278689 STANDING Time Gravity Acceler	cometer	NA	NA	Mean	v
61	0.93503077852459	Ometer	NA	IVA	Mean	Λ
3	STANDING Time Gravity Acceler	ometer	NA	NA	Mean	Y
61	-0.301735130327869		27.7	37.7	M	P.
3 61	STANDING Time Gravity Acceler 0.024763106752459	ometer	NA	NA	Mean	Z
3	STANDING Time Gravity Acceler	ometer	NA	NA	SD	X
61	-0.982020428032787					
3 61	STANDING Time Gravity Acceler -0.957425321803279	ometer	NA	NA	SD	Y
3	STANDING Time Gravity Acceler	ometer	NA	NA	SD	Z
61	-0.928161577377049					

```
3
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                   Magnitude Mean
          -0.925430819016393
NA
     STANDING Time Gravity
                                                   Magnitude SD
3
                              Accelerometer
                                              NA
NA
     61
          -0.915143303606557
3
     STANDING Freq NA
                         Gyroscope NA
                                              Mean X
                                         NA
61
     -0.901282267540984
3
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
61
     -0.937711157213115
3
                         Gyroscope NA
                                              Mean Z
     STANDING Freq NA
                                         NA
61
     -0.916172537704918
3
     STANDING Freq NA
                         Gyroscope NA
                                              SD
                                                   Х
                                         NA
61
     -0.901985672459016
3
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Y
61
     -0.923125941147541
                                                   Z
3
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
61
     -0.919743846065574
3
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude Mean NA
61
     -0.913682362622951
3
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
61
     -0.883439718032787
3
                         Gyroscope Jerk Magnitude Mean NA
     STANDING Freq NA
     -0.960331717868852
61
3
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                        NA
     -0.957121510491803
61
3
     STANDING Freq Body Accelerometer
                                                   Mean X
                                         NA
                                              NA
     -0.960123409508197
61
3
     STANDING Freq Body Accelerometer
                                                   Mean Y
                                         NA
                                              NA
61
     -0.908075353770492
     STANDING Freq Body Accelerometer
                                                   Mean Z
3
                                         NA
                                              NA
     -0.939507735245902
61
3
     STANDING Freq Body Accelerometer
                                                   SD
                                                        Х
                                         NA
                                              NA
61
     -0.969931287377049
3
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Y
     -0.89243434852459
61
3
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Z
61
     -0.904801254590164
3
     STANDING Freq Body Accelerometer
                                              Magnitude Mean NA
                                         NA
61
     -0.926968932295082
3
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                             NA
     -0.921836076557377
61
3
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean X
61
     -0.957666856721311
3
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Y
61
     -0.943497973606557
3
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Z
61
     -0.969174903442623
     STANDING Freq Body Accelerometer
3
                                         Jerk NA
                                                   SD
                                                        Х
```

61	-0.960570921803279							
3	STANDING Freq Body	Accelerome	eter	Jerk	NΑ	SD	Y	
61	-0.943948547213115	necercione	CCI	OCIK	1421	OD.	-	
3	STANDING Freq Body	Accelerome	eter	Jerk	NA	SD	Z	
61	-0.975595949508197							
3	STANDING Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
61	-0.948627467704918							
3	STANDING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
61	-0.94820681442623							
3	WALKING Time NA	Gyroscope	NA	NA	Mean	X		
58	-0.0256405192517241	_						
3	WALKING Time NA	Gyroscope	NA	NA	Mean	Y		
58	-0.0779150937413793	<b>G</b>	373	377	36	-	<b>5</b> 0	
3	WALKING Time NA	Gyroscope	NA	NA	Mean	Z	58	
	13485942827586	Curagana	NT 7N	NT 7N	CD	v		
3 58	WALKING Time NA -0.571869560172414	Gyroscope	NA	NA	SD	X		
3	WALKING Time NA	Gyroscope	NΙΔ	NA	SD	Y		
58	-0.563793260172414	дуговсоре	IVA	INT	SD	1		
3	WALKING Time NA	Gyroscope	NΑ	NA	SD	Z		
58	-0.476696411551724	Суговоорс	1111	1411	OD.	-		
3	WALKING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
58	-0.466411754137931	<b>2 1</b>		,				
3	WALKING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
58	-0.561510683275862			_				
3	WALKING Time NA	Gyroscope	Jerk	NA	Mean	X		
58	-0.0952398165017241							
3	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Y		
58	-0.0387874651724138							
3	WALKING Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
58	-0.0503616100815517							
3	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
58	-0.385922986034483	_						
3	WALKING Time NA	Gyroscope	Jerk	NA	SD	Y		
58	-0.639087984137931	<b>G</b>	T1-	377	an.			
3	WALKING Time NA	Gyroscope	Jerk	NA	SD	Z		
58 3	-0.536664080344828 WALKING Time NA	Gyroscope	Tork	Magn	+1140	Moan	NT 7N	
5 58	-0.566135217931034	Gyroscope	nerk	Magii.	Ltude	Mean	NA	
3	WALKING Time NA	Gyroscope	Jerk	Magn:	abrr+i	GD.	NA	
58	-0.567371560862069	дуговсоре	DELK	Magii	Lcude	SD	IVA	
3		Accelerome	eter	NA	NA	Mean	X	58
	5567462068966	11000101111	2001		-11-1	mair		
3	WALKING Time Body	Accelerome	eter	NA	NA	Mean	Y	
58	-0.0171767844203448							
3		Accelerome	eter	NA	NA	Mean	Z	
58	-0.112674859827586							

3		Time Body	Accel	erometer	NA	NA	SD	X	
58 3	-0.36035672 WALKING T		Accel	erometer	NA	NA	SD	Y	
58	-0.06991406	_	710001	CIOMCCCI	1421	1421	DD	•	
3		Time Body	Accel	erometer	NA	NA	SD	Z	
58 3	-0.38741199 WALKING T	94310345 Time Body	Nagol	oromotor	NA	Magni	i + 11d0	Moan	NA
5 58	-0.25469033	_	Accei	erometer	IVA	Magiii	Luue	Mean	NA
3		Time Body	Accel	erometer	NA	Magni	itude	SD	NA
58	-0.32842893				_ ,				
3 n ng	WALKING T 147458826603	<del>-</del>	Accel	erometer	Jerk	NA	Mean	Х	58
3			Accel	erometer	Jerk	NA	Mean	Y	58
0.01	00591485	<i>1</i>						_	
3		_		erometer	Jerk	NA	Mean	Z	
58	-0.00562264				_ ,		~-		
3 58	WALKING T -0.26867964	_	Accel	erometer	Jerk	NA	SD	X	
3			Accel	erometer	Jerk	NA	SD	Y	
58	-0.04496195	_							
3		_	Accel	erometer	Jerk	NA	SD	Z	
58	-0.52948611				<b>-</b> 1				
3 58	WALKING T -0.28000931	_	Accel	erometer	Jerk	Magni	Ltuae	Mean	NA
3	WALKING T		Accel	erometer	Jerk	Magni	itude	SD	NA
58	-0.13991635	_				,			
3			ity	Accelerome	eter	NA	NA	Mean	X
58	0.936506743	3275862							
2	T.73 T 72 T 31 C C	14		7 7		3.7.73	3.7.73	M	37
3 58		Time Gravi 57931034	Lty	Accelerome	eter	NA	NA	Mean	Y
3 58 3	-0.26198635	57931034	-			NA NA	NA NA	Mean Mean	
58	-0.26198635	57931034 Cime Gravi	-	Accelerome	eter				
58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T	57931034 Time Gravi 56258621 Time Gravi	ity		eter				
58 3 58 3 58	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159	57931034 Cime Gravi 56258621 Cime Gravi 9137931	ity ity	Accelerome	eter eter	NA NA	NA NA	Mean SD	z x
58 3 58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T	57931034 Time Gravi 56258621 Time Gravi 9137931 Time Gravi	ity ity	Accelerome	eter eter	NA	NA	Mean	Z
58 3 58 3 58	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563	57931034 Pime Gravi 56258621 Pime Gravi 9137931 Pime Gravi 39482759	ity ity ity	Accelerome	eter eter eter	NA NA	NA NA	Mean SD	z x
58 3 58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563	57931034 Time Gravi 56258621 Time Gravi 9137931 Time Gravi 39482759 Time Gravi	ity ity ity	Accelerome Accelerome	eter eter eter	NA NA NA	NA NA NA	Mean SD SD	z x y
58 3 58 3 58 3 58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T	57931034 Pime Gravi 56258621 Pime Gravi 9137931 Pime Gravi 89482759 Pime Gravi 95	ity ity ity ity ity ity	Accelerome Accelerome	eter eter eter	NA NA NA	NA NA NA	Mean SD SD	Z X Y Z
58 3 58 3 58 3 58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254	57931034 Time Gravi 56258621 Time Gravi 9137931 Time Gravi 39482759 Time Gravi 95 Time Gravi	ity ity ity ity ity	Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	NA NA NA NA	NA NA NA NA	Mean SD SD SD	Z X Y Z Mean
58 3 58 3 58 3 58 3 58 3 NA 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254 WALKING T	57931034 Time Gravi 56258621 Time Gravi 9137931 Time Gravi 39482759 Time Gravi 95 Time Gravi	ity ity ity ity ity 5862 ity	Accelerome Accelerome Accelerome	eter eter eter eter	NA NA NA	NA NA NA NA	Mean SD SD SD	Z X Y Z Mean
58 3 58 3 58 3 58 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254 WALKING T 58 -0.328	57931034 Cime Gravi 56258621 Cime Gravi 9137931 Cime Gravi 89482759 Cime Gravi 95 Cime Gravi 1690333275 Cime Gravi	ity ity ity ity ity ity ity ity 1724	Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	NA NA NA NA	NA NA NA Magni	Mean SD SD SD	Z X Y Z Mean
58 3 58 3 58 3 58 3 58 3 NA 3 NA	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254 WALKING T 58 -0.328	57931034 Time Gravi 56258621 Time Gravi 9137931 Time Gravi 39482759 Time Gravi 1690333275 Time Gravi 1428936551 Treq NA	ity ity ity ity ity ity ity ity 1724	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA	NA NA NA Magni	Mean SD SD SD	Z X Y Z Mean
58 3 58 3 58 3 58 3 NA 3 NA 3 58 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254 WALKING T 58 -0.328 WALKING T 58 -0.328 WALKING F -0.43784576 WALKING F	57931034 Fime Gravi 56258621 Fime Gravi 9137931 Fime Gravi 93482759 Fime Gravi 1690333275 Fime Gravi	ity ity ity ity 5862 ity 1724 Gyros	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA	NA NA NA Magni	Mean SD SD SD	Z X Y Z Mean
58 3 58 3 58 3 58 3 NA 3 NA 3	-0.26198635 WALKING T -0.13810786 WALKING T -0.97777159 WALKING T -0.96235563 WALKING T -0.95209179 WALKING T 58 -0.254 WALKING T 58 -0.328 WALKING T -0.43784576 WALKING F -0.56152626	57931034 Fime Gravi 56258621 Fime Gravi 9137931 Fime Gravi 93482759 Fime Gravi 1690333275 Fime Gravi	ity	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA NA Mean	NA NA NA Magn:	Mean SD SD SD	Z X Y Z Mean

```
58
     -0.418126217413793
3
                          Gyroscope NA
                                               SD
                                                    Х
     WALKING
               Freq NA
                                          NA
58
     -0.615121369827586
3
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
58
     -0.568888673448276
3
                          Gyroscope NA
                                                    Z
     WALKING
               Freq NA
                                          NA
                                               SD
58
     -0.545896388103448
3
     WALKING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
58
     -0.569755772241379
3
     WALKING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
58
     -0.632643292931034
3
     WALKING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
58
     -0.607751646034483
3
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
58
     -0.549087007931034
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
58
     -0.316614011689655
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
58
     -0.0813024353275862
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
58
     -0.412374074482759
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
58
     -0.379276781206897
               Freq Body Accelerometer
3
     WALKING
                                          NA
                                               NA
                                                    SD
                                                          Y
58
     -0.124030832001724
3
                                                          Z
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
58
     -0.422998473965517
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
58
     -0.290031535172414
3
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
58
     -0.456373080862069
3
               Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                    Mean X
58
     -0.304694442551724
3
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
58
     -0.140508590224138
3
               Freq Body Accelerometer
                                          Jerk NA
     WALKING
                                                    Mean Z
58
     -0.514137255344828
3
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
58
     -0.296596633103448
3
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                          Υ
                                                    SD
58
     -0.00561498755362069
3
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
58
     -0.543529108103448
3
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
58
     -0.186764516965517
3
               Freq Body Accelerometer
     WALKING
                                          Jerk Magnitude SD
                                                               NA
58
     -0.0898519904044828
```

3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
49	-0.13157327645102							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
49	-0.0139358043959184	_						
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
49	0.123826738353061							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
49	-0.261653414014286	_						
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
49	-0.546740387959184	_						
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$
49	-0.44230776755102	_					_	
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	Magni	Ltude	Mean
NA	49 -0.215294501244							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	Magni	Ltude	SD
NA	49 -0.245794699346							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
49	-0.0778701650285714							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
49	-0.0391567930959184							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
49	-0.0416193131122449							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
49	-0.285683162346939							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
49	-0.680947338163265							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
49	-0.374605412306122							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	Magni	Ltude	Mean
NA	49 -0.508567577142							
3	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	Magni	Ltude	SD
NA	49 -0.583919211020							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
X	49 0.2924234846938							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	49 -0.019355407932							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z	49 -0.116139842908							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	49 -0.057410047510							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	49 -0.033150372338							
3	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
$\mathbf{Z}$	49 -0.362240245489							
3	WALKING_DOWNSTAIRS		_	Accelerome	eter	NA	Magn	itude
Mean								
3	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	Magn	itude

```
SD
     NA
          49
                -0.0411340078469388
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          0.0725689294489796
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          0.0109707769183673
3
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.00202727978142857
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.0858010042244898
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.111439194979592
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.571735243061224
                                                    Jerk Magnitude
3
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                -0.205239246653061
Mean NA
          49
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
                -0.0926324494530612
3
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
          49
                0.939057787755102
Mean X
3
     WALKING DOWNSTAIRS
                         Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean Y
                -0.228829214285714
          49
     WALKING DOWNSTAIRS
                         Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
          49
                -0.102352758040816
Mean Z
3
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                -0.950061129591837
SD
          49
                          Time Gravity
3
     WALKING DOWNSTAIRS
                                          Accelerometer
                                                         NA
                                                               NA
SD
                -0.946094637755102
3
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                -0.899943947755102
SD
3
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                          -0.0628126118283674
Magnitude Mean NA
                     49
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
Magnitude SD
                     49
                          -0.0411340078469388
               NA
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
49
     -0.129066574295918
3
                                                         Mean Y
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
49
     -0.542694164081633
3
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    NA
                                                         Mean Z
                          Freq NA
49
     -0.302866461179592
3
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                               Х
                          Freq NA
                                                    NA
                                                          SD
49
     -0.30863033105102
3
                                    Gyroscope NA
                                                          SD
                                                               Y
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
49
     -0.553094540204082
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                               7.
3
                          Freq NA
                                                    NA
                                                          SD
49
     -0.548164313265306
3
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                          Freq NA
                                                    Magnitude Mean
          -0.332376629371429
     49
NA
```

3 NA	WALKING_DOWNSTAIRS 49 -0.322440827020	_	NA	Gyroscope	NA	Magn	itude	SD
3	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA 3	49 -0.576277199383 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	SD
NA 3	49 -0.624910820612 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
X 3	49 -0.042170694324 WALKING_DOWNSTAIRS	Freq	_	Accelerome	eter	NA	NA	Mean
Y 3	49 -0.007700483002 WALKING_DOWNSTAIRS	Freq		Accelerome	eter	NA	NA	Mean
Z 3	49 -0.404452414285 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X 3	49 -0.065441719265 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y 3	49 -0.109722354322 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Z 3	49 -0.389723034063 WALKING_DOWNSTAIRS	Freq		Accelerome	eter	NA	Magn	itude
Mean 3	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD 3	NA 49 -0.2338494 WALKING_DOWNSTAIRS			Accelerome	eter	Jerk	NA	Mean
X 3	49 -0.090670712510 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y 3	49 -0.135938542632 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Z 3	49 -0.529059450612 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
X 3	49 -0.165442898685 WALKING DOWNSTAIRS	5714	_			Jerk		SD
Y 3	49 -0.147728240063 WALKING DOWNSTAIRS	198	_					SD
Z 3	49 -0.613525074285	5714	_					
Mean		977322	2449	Accelerome			_	itude
3 SD	WALKING_DOWNSTAIRS NA 49 -0.1591022	288018	3367				_	itude
3 59	WALKING_UPSTAIRS 0.0721980309322034	Time		Gyroscope		NA	Mean	
3 59	WALKING_UPSTAIRS -0.139275405637288	Time		Gyroscope		NA	Mean	Y
3 59	WALKING_UPSTAIRS 0.0215603697	Time	NA	Gyroscope	NA	NA	Mean	Z
3 59	WALKING_UPSTAIRS -0.456039262525424	Time	NA	Gyroscope	NA	NA	SD	X
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y

59	-0.582742845932203							
3	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
59	-0.492327305084746	1 11110	-11-1	Cyrosope	-11-1	-11-1	22	_
3	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	59 <b>-0.</b> 347321812220	0339				_		
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	59 -0.40888665318							
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
59	-0.115510569491525			_	_ ,			
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
59 3	-0.0400372510491525 WALKING UPSTAIRS	Time	NT 7N	Gyroscope	Tork	NT 7A	Mean	7
5 59	-0.0498180874305085	TIME	IVA	Gyroscope	nerk	IVA	Mean	Д
3	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Х
59	-0.507270757966102			-7F-		_,		
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
59	-0.775774143389831							
3	WALKING_UPSTAIRS	Time	NA	${\tt Gyroscope}$	Jerk	NA	SD	Z
59	-0.573433947627119							
3	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	59 <b>-0.</b> 65886140135		37.7	<b>Q</b>	T1-	36		an.
3 NA	WALKING_UPSTAIRS 59 -0.718028040338	Time	NA	Gyroscope	Jerk	magn:	Ltuae	รบ
3	WALKING_UPSTAIRS		Body	Accelerome	ater	NA	NA	Mean
X	59 0.260819873067		Боау	neceiciónic	CCI	1171	1421	ricuii
3	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	59 -0.03241094105		_					
3	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
${f Z}$	59 -0.11006486343	7288						
3	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	59 -0.31312343762		_ 1					~-
3	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y 3	59 0.0116280813372 WALKING UPSTAIRS		Podu	Accelerome	otor	NA	NA	SD
Z	59 <b>-0.</b> 36975460406		ьоцу	Acceletome	scer	IVA	IVA	טט
3	WALKING UPSTAIRS		Body	Accelerome	eter	NA	Magni	itude
Mean	<b>—</b>					_,		
3	WALKING UPSTAIRS		Body	Accelerome	eter	NA	Magni	itude
SD	NA 59 -0.333597	432542	2373					
3	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	Jerk	NA	Mean
X	59 0.0426880986180							
3	WALKING_UPSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y	59 0.039724927048		<b>.</b> 1			- 1		
3	WALKING_UPSTAIRS		воду	Accelerome	eter	Jerk	NA	Mean
Z 3	59 0.0208205538103 WALKING UPSTAIRS		Bods.	Accelerome	ater	Jerk	NΛ	SD
X	59 <b>-0.</b> 458364616949		ьоцу	VCCETETOIII	= reT	OCIV	W	טט
	5, 15, 15, 15, 15, 15, 15, 15, 15, 15, 1	. 133						

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3
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Υ
          -0.251680364540678
3
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.708551711864407
3
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk Magnitude
               -0.436901159491525
Mean NA
          59
                          Time Body Accelerometer
                                                    Jerk Magnitude
     WALKING UPSTAIRS
SD
          59
               -0.439020591694915
     NA
3
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean X
          59
               0.883533436101695
3
                          Time Gravity
                                         Accelerometer
                                                         NA
     WALKING UPSTAIRS
                                                               NA
Mean Y
          59
               -0.382851153728814
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean Z
          59
               -0.162943955254237
3
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          59
               -0.944040819322034
3
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          59
               -0.909825953898305
3
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
               -0.909469675084746
SD
          59
                          Time Gravity
     WALKING UPSTAIRS
                                         Accelerometer
                                                         NA
Magnitude Mean NA
                     59
                          -0.184014895
                          Time Gravity
                                         Accelerometer
     WALKING UPSTAIRS
                                                         NA
                          -0.333597432542373
Magnitude SD
               NA
3
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
59
     -0.378216681762712
                                    Gyroscope NA
3
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Y
59
     -0.637293508305085
                                    Gyroscope NA
3
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Z
59
     -0.431503361525424
3
                                    Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                         SD
                                                               Х
59
     -0.484820991355932
3
     WALKING UPSTAIRS
                                    Gyroscope NA
                                                    NA
                                                         SD
                                                               Y
                          Freq NA
59
     -0.556045947118644
                                    Gyroscope NA
                                                               Z
3
     WALKING UPSTAIRS
                                                    NA
                                                         SD
                          Freq NA
59
     -0.561097649661017
3
                                    Gyroscope NA
                                                    Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.514211583728814
3
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    Magnitude SD
NA
     59
          -0.445181802430508
3
     WALKING UPSTAIRS
                                    Gyroscope Jerk Magnitude Mean
                          Freq NA
          -0.716877778644068
NA
3
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.740033436271186
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Х
          -0.392004211474576
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
```

```
Y
     59
          -0.0788094156644068
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Z
     59
          -0.504494528474576
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
X
          -0.285333024050847
3
                          Freq Body Accelerometer
                                                               SD
     WALKING UPSTAIRS
                                                     NA
                                                          NA
Y
          -0.00803987529661017
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Z
          -0.350797226271186
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
          59
                -0.315866079491525
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
     NA
          59
               -0.447994369152542
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          -0.478434306271186
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          -0.283772547471017
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Z
          -0.677314534067797
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
X
     59
          -0.486446509661017
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.268191523644068
     59
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.738705863898305
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
          59
               -0.412920898474576
Mean NA
3
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
                -0.48060920220339
     NA
          59
4
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
54
     -0.00923156347222222
4
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
54
     -0.0930128180759259
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          54
0.169720404092593
4
                          Gyroscope NA
     LAYING
               Time NA
                                          NA
                                               SD
                                                     Х
54
     -0.97310242222222
4
     LAYING
                Time NA
                          Gyroscope NA
                                               SD
                                                     Y
                                          NA
54
     -0.961109291851852
4
               Time NA
                          Gyroscope NA
                                               SD
                                                     Z
     LAYING
                                          NA
54
     -0.962073755
4
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
     -0.930236462592593
54
                          Gyroscope NA
                                          Magnitude SD
4
     LAYING
               Time NA
                                                          NA
54
     -0.947031781666667
                          Gyroscope Jerk NA
4
     LAYING
                Time NA
                                               Mean X
54
     -0.105019877685185
```

4	LAYING			Syroscop	e Jerk	NA	Mean	Y		
54 4	-0.038123 LAYING	04322222 Time NA		yroscop	o Tork	NΤΛ	Mean	7		
54	-0.071215			туговсор	e nerv	IVA	Mean	7		
4	LAYING			yroscop	e Jerk	NΑ	SD	Х		
54	-0.975103			утовсор	C OCIK	1121	DD.	21		
4	LAYING			yroscop	e Jerk	NA	SD	Y		
54	-0.986855			2 1						
4	LAYING	Time NA	4 G	yroscop	e Jerk	NA	SD	Z		
54	-0.983965	35981481	.5							
4	LAYING	Time NA	4 G	yroscop	e Jerk	Magn	itude	Mean	NA	
54	-0.985068	50203703	37							
4	LAYING	Time NA	4 G	yroscop	e Jerk	Magn	itude	SD	NA	
54	-0.982698	21370370	4							
4	LAYING	Time Bo	ody A	ccelero	meter	NA	NA	Mean	X	54
0.26	3559214981	481								
4	LAYING	Time Bo	ody A	ccelero	meter	NA	NA	Mean	Y	
54	-0.015003	18410555	556							
4	LAYING	Time Bo	ody A	ccelero	meter	NA	NA	Mean	$\mathbf{Z}$	
54	-0.110688	15031481	.5							
4	LAYING	Time Bo	ody A	ccelero	meter	NA	NA	SD	X	
54	-0.954193	73888888	39							
4	LAYING	Time Bo	ody A	ccelero	meter	NA	NA	SD	Y	
54	-0.941714	04240740	7							
4	LAYING		_	ccelero	meter	NA	NA	SD	Z	
54	-0.962667									
4	LAYING		_	ccelero	meter	NA	Magn	itude	Mean	NA
54										
4	LAYING		_	ccelero	meter	NA	Magn	itude	SD	NA
54	-0.931292									
4	LAYING		ody A	ccelero	meter	Jerk	NA	Mean	X	54
	3449421777									
	LAYING		ody A	ccelero	meter	Jerk	NA	Mean	Y	54
0.00	6933132139									
4	LAYING		_	ccelero	meter	Jerk	NA	Mean	$\mathbf{Z}$	
54	-0.006410									
4	LAYING		_	ccelero	meter	Jerk	NA	SD	X	
	-0.978302			_						
	LAYING		-	ccelero	meter	Jerk	NA	SD	Y	
	-0.942209			-					_	
4	LAYING		_	ccelero	meter	Jerk	NA	SD	Z	
54	-0.978511			-						
4	LAYING			ccelero	meter	Jerk	Magn:	itude	Mean	ΝA
54	-0.970095			-					<b>a</b> 5	
4		Time Bo	_	ccelero	meter	Jerk	Magn	ıtude	SD	NA
	-0.960786				- 7 -		377	373	34 -	**
4	LAYING	Time Gr	avıt	у Асс	ererom	eter	NA	NA	Mean	Х

54	-0.420664662222222								
4	LAYING Time Grav	7i+37	Acce	leroma	ater	NA	NA	Mean	v
54	0.915165104259259	тсу	ACCE.	LETOIN	SCCI	IVE	11/1	Hean	1
4	LAYING Time Grav	ritv	Acce	lerome	eter	NA	NA	Mean	7.
54	0.341531310555556		11000		3001	1111		110411	_
4	LAYING Time Grav	ritv	Acce	lerome	eter	NA	NA	SD	Х
54	-0.921199965925926	2				-	-		
4	LAYING Time Grav	rity	Acce	lerome	eter	NA	NA	SD	Y
54	-0.969816635740741	-							
4	LAYING Time Grav	rity	Acce	lerom	eter	NA	NA	SD	Z
54	-0.976176608888889								
4	LAYING Time Grav	rity	Acce	lerome	eter	NA	Magn:	itude	Mean
NA	54 -0.95455760314	8148							
4	LAYING Time Grav	-	Acce	lerome	eter	NA	Magn	itude	SD
NA	54 -0.93129221661								
4	LAYING Freq NA	Gyro	scope	NA	NA	Mean	X		
54	-0.967203736481482								
4	LAYING Freq NA	Gyro	scope	NA	NA	Mean	Y		
54	-0.972187839074074	_							
4	LAYING Freq NA	Gyro	scope	NA	NA	Mean	Z		
54	-0.961479262592593	<b>a</b>				a D			
4	LAYING Freq NA	Gyro	scope	NA	NA	SD	X		
54 4	-0.975094739444444	C	~~~~	377	37.73	CD.	37		
4 54	LAYING Freq NA -0.956182500185185	GYLO	scope	NA	NA	SD	Y		
4	LAYING Freq NA	Curo	scope	NT 7\	NA	SD	Z		
54	-0.965807466666667	Gylo	scope	IVA	IVA	עכ	ப		
4	LAYING Freq NA	Gyro	scope	NΔ	Magn	itude	Mean	NZ	
54	-0.961556660185185	dyro	БСОРС	1421	magn	reade	nean	1421	
4	LAYING Freq NA	Gvro	scope	NA	Magn	itude	SD	NA	
- 54	-0.947100325185185	-1							
4	LAYING Freq NA	Gyro	scope	Jerk	Magn	itude	Mean	NA	
54	-0.983609073333333	-	-		,				
4	LAYING Freq NA	Gyro	scope	Jerk	Magn	itude	SD	NA	
54	-0.982543631666667								
4	LAYING Freq Body	Acce	lerome	eter	NA	NA	Mean	X	
54	-0.958802077592593								
4	LAYING Freq Body	Acce	lerome	eter	NA	NA	Mean	Y	
54	-0.93888337444444								
4	LAYING Freq Body	Acce	lerom	eter	NA	NA	Mean	Z	
54	-0.967504278888889								
4	LAYING Freq Body	Acce	lerome	eter	NA	NA	SD	X	
54	-0.952464881481481	_	-				<b>~</b> -		
4	LAYING Freq Body	Acce	rerome	eter	NA	NA	SD	Y	
54	-0.946380971111111	- 7 -	1	_4	377	37.7	an	F2	
4	LAYING Freq Body	Acce	rerome	eter	NA	NA	SD	Z	
54	-0.962154454259259								

4 54	LAYING -0.939389	_	_	Accelerome	eter	NA	Magn	itude	Mean	NA
4	LAYING	Freq	Body	Accelerome	eter	NA	Magn	itude	SD	NA
54 4	-0.9371879			Accelerome	at ar	Jerk	NΔ	Mean	Y	
54	-0.978542			710001010III		OCIA	1421	nean	21	
4		_	_	Accelerome	eter	Jerk	NA	Mean	Y	
54 4	-0.9439699 LAYING			Accelerome	eter	Jerk	NA	Mean	Z	
54	-0.975383	329444	1444							
4				Accelerome	eter	Jerk	NA	SD	X	
54 4	-0.9800792			Accelerome	at or	Jerk	NΤΛ	SD	Y	
54	-0.944366	_	_	Acceletome	scer	nerk	IVA	עפ	1	
4				Accelerome	eter	Jerk	NA	SD	Z	
- 54	-0.9802612	-	_				_,		_	
4	LAYING	Freq	Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
54	-0.962287	125370	37							
4		_	_	Accelerome	eter	Jerk	Magn	itude	SD	NA
54	-0.958037									
4	SITTING		NA	Gyroscope	NA	NA	Mean	X		
50	-0.049443									
4	SITTING	Time	NA	Gyroscope	NA	NA	Mean	Y		
50	-0.089430			_				_	- 0	
4	SITTING	Time	NA	Gyroscope	NA	NA	Mean	Z	50	
	L15033478	m: ma	3.7.73	Crossassas	3.7.73	NT 70	CD	v		
4 50	SITTING -0.970131	Time	NA	Gyroscope	NA	NA	SD	X		
4	SITTING		NΙΔ	Gyroscope	NΔ	NA	SD	Y		
50	-0.958468		1421	суговсорс	1471	1421	סט	_		
4	SITTING	Time	NA	Gyroscope	NA	NA	SD	Z		
50	-0.927972		_,					_		
4			NA	Gyroscope	NA	Magn	itude	Mean	NA	
50	-0.926063					_				
4	SITTING	Time	NA	Gyroscope	NA	Magn	itude	SD	NA	
50	-0.928898	293								
4	SITTING	Time	NA	${\tt Gyroscope}$	Jerk	NA	Mean	X		
50	-0.096949	48424								
4	SITTING			Gyroscope	Jerk	NA	Mean	Y		
50	-0.0418483									
4	SITTING	Time		Gyroscope	Jerk	NA	Mean	Z		
50	-0.048996			_	_					
4	SITTING		ΝA	Gyroscope	Jerk	ΝĀ	SD	X		
50	-0.969899		37.7	Q	T =1	37.7	an	37		
4 5.0	SITTING		NA	Gyroscope	Jerk	NA	SD	Y		
50 4	-0.9844413 SITTING		NA	Gyroscope	Jork	NT 7N	SD	Z		
4	DITITING	TTIILE	IAV	alingcohe	OCIV	TAY.	עט	ப		

50	-0.9688048316								
4	SITTING Time NA	Gyros	scope 3	Jerk	Magni	itude	Mean	NA	
50	-0.9804904618								
4	SITTING Time NA	Gyros	scope d	Jerk	Magni	Ltude	SD	NA	
50 4	-0.9758066902 SITTING Time Bod	7 Acce	laroma	tor	NA	NA	Mean	v	50
	153827992	y Acce.	rerome	CEI	IVA	IVA	Mean	Λ	30
4	SITTING Time Bod	y Accel	Lerome	ter	NA	NA	Mean	Y	
50	-0.007163065158	<u>-</u>							
4	SITTING Time Bod	y Acce	lerome	ter	NA	NA	Mean	Z	
50	-0.10587459588	_		_					
4	SITTING Time Bod	y Acce.	Lerome	ter	NA	NA	SD	X	
50 4	-0.980309931 SITTING Time Bod	7 ACCA	laromat	tor	NA	NA	SD	Y	
50	-0.89022398108	y ACCE.	rerome	CEI	IVA	IVA	שט	1	
4	SITTING Time Bod	y Acce	Lerome	ter	NA	NA	SD	Z	
50	-0.9322030066	•							
4	SITTING Time Bod	y Acce	lerome	ter	NA	Magni	itude	Mean	NA
50	-0.93569482	_							
4	SITTING Time Bod	y Accel	Lerome	ter	NA	Magni	Ltude	SD	NA
50 4	-0.9144078448 SITTING Time Bod	7 Aggo	loromo	tor	Jerk	NT 7A	Mean	v	50
	84500239	y Acce.	rerome	CEI	nerv	IVA	Mean	Λ	30
4	SITTING Time Bod	y Acce	Lerome	ter	Jerk	NA	Mean	Y	
50	-0.0108582171094	<u>-</u>							
4	SITTING Time Bod	y Accel	lerome	ter	Jerk	NA	Mean	Z	
50	-0.0121499951596	_			_				
4	SITTING Time Bod	y Accel	lerome	ter	Jerk	NA	SD	X	
50 4	-0.9767421962 SITTING Time Bod	7 Aggo	loromo	tor	Jerk	NT 7\	SD	Y	
50	-0.9445961056	y Acce.	rerome	CEI	nerv	IVA	ענ	I	
4	SITTING Time Bod	y Acce	Lerome	ter	Jerk	NA	SD	Z	
50	-0.9790387658	-							
4	SITTING Time Bod	y Accel	lerome	ter	Jerk	Magni	Ltude	Mean	NA
50	-0.9701322836	_			_				
4	SITTING Time Bod	y Accel	Lerome	ter	Jerk	Magni	itude	SD	NA
50 4	-0.9625491104 SITTING Time Gra	7i+37	Accele	aromo	tor	NA	NA	Mean	v
50	0.8693030064	итсу	ACCET	er Onie	sce1	IVA	IVA	Mean	Λ
4	SITTING Time Gra	vity	Accele	erome	eter	NA	NA	Mean	Y
50	0.211622539936894	-							
4	SITTING Time Gra	vity	Accele	erome	eter	NA	NA	Mean	Z
50	0.11012048108								
4 50	SITTING Time Gra	vity	Accele	erome	eter	NA	NA	SD	X
50 4	-0.9814052948 SITTING Time Gra	7i+37	Accele	aromo	ter	NA	NA	SD	Y
<del>4</del> 50	-0.93272710386	v т с ў	VCCET	OT OHIE	- CET	IAU	IAU	עט	<b>±</b>

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Time Gravity
                             Accelerometer
4
     SITTING
                                                NA
                                                     NA
                                                          SD
                                                                \mathbf{z}
50
     -0.9509492546
4
                Time Gravity
                               Accelerometer
                                                NA
                                                     Magnitude Mean
     SITTING
NA
     50
          -0.93569482
4
                                Accelerometer
                                                     Magnitude SD
     SITTING
                Time Gravity
                                                NA
     50
          -0.9144078448
NA
     SITTING
                          Gyroscope NA
                                                Mean X
                Freq NA
                                          NA
50
     -0.9605896358
4
                          Gyroscope NA
                                                Mean Y
     SITTING
                Freq NA
                                          NA
50
     -0.9675836478
4
                          Gyroscope NA
     SITTING
                Freq NA
                                          NA
                                                Mean Z
50
     -0.9337768922
4
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
50
     -0.973333107
4
                          Gyroscope NA
                                                     Y
     SITTING
                Freq NA
                                          NA
                                                SD
50
     -0.954120419
4
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
     SITTING
50
     -0.9328683544
4
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
50
     -0.9487697524
4
                          Gyroscope NA
                                          Magnitude SD
     SITTING
                Freq NA
                                                          NA
50
     -0.9288505544
4
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
     -0.9765477634
50
                          Gyroscope Jerk Magnitude SD
4
     SITTING
                Freq NA
                                                          NA
50
     -0.9762617538
                Freq Body Accelerometer
4
     SITTING
                                          NA
                                                NA
                                                     Mean X
50
     -0.9774624984
               Freq Body Accelerometer
4
                                          NA
                                                NA
                                                     Mean Y
     SITTING
50
     -0.9057829318
4
                Freq Body Accelerometer
     SITTING
                                          NA
                                                NA
                                                     Mean Z
50
     -0.9517837432
4
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
     SITTING
50
     -0.9819081892
4
                Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Υ
     SITTING
                                          NA
50
     -0.8894673494
                Freq Body Accelerometer
                                                     SD
                                                           Z
4
     SITTING
                                          NA
                                                NA
50
     -0.9269993168
4
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
     SITTING
50
     -0.929002095
4
                                                Magnitude SD
     SITTING
                Freq Body Accelerometer
                                          NA
                                                                NA
50
     -0.9198157096
4
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
     SITTING
50
     -0.9768457126
4
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
50
     -0.9442983908
4
                Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                     Mean Z
```

```
50
     -0.9751549056
4
     SITTING
               Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Х
     -0.9787769122
50
     SITTING
               Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Y
50
     -0.949293158
4
     SITTING
               Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Z
50
     -0.9816994482
4
     SITTING
               Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
50
     -0.9625007338
4
     SITTING
               Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
50
     -0.9615845194
4
     STANDING Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
56
     -0.0306449342357143
4
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean Y
56
     -0.061824850625
     STANDING Time NA
                          Gyroscope NA
                                         NA
                                               Mean Z
                                                         56
0.0755636430892857
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Х
     -0.909687974464286
56
4
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Υ
56
     -0.949227146964286
4
     STANDING Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Z
56
     -0.909995038571429
     STANDING
                          Gyroscope NA
                                         Magnitude Mean NA
4
               Time NA
56
     -0.900982100535714
4
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
56
     -0.885144317678571
4
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
56
     -0.103057894142857
4
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
56
     -0.0461257201357143
4
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
56
     -0.0490753497867857
                          Gyroscope Jerk NA
4
     STANDING
               Time NA
                                               SD
                                                    Х
56
     -0.949633878571429
4
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                                    Y
                                               SD
56
     -0.976065174642857
                                                    \mathbf{z}
4
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
56
     -0.957982019464286
                          Gyroscope Jerk Magnitude Mean NA
4
     STANDING
               Time NA
56
     -0.967614073928571
4
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
     -0.964282784285714
56
     STANDING
               Time Body Accelerometer
                                                    Mean X
                                                              56
                                         NA
                                               NA
0.280499745892857
4
     STANDING
               Time Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
56
     -0.00948911098553571
```

4	STANDING Time Body Accelerometer	NA	NA	Mean	Z	
56 4	-0.0961574905535714 STANDING Time Body Accelerometer	NA	NA	SD	X	
56	-0.97692058					
4	STANDING Time Body Accelerometer	NA	NA	SD	Y	
56	-0.86159737875				_	
4	STANDING Time Body Accelerometer	NA	NA	SD	Z	
56 4	-0.896880538392857 STANDING Time Body Accelerometer	NA	Magn	itude	Moan	NΛ
56	-0.906478051785714	NA	Magii.	rcude	Mean	IVA
4	STANDING Time Body Accelerometer	NA	Magn	itude	SD	NA
56	-0.890976683392857		,			
4	STANDING Time Body Accelerometer	Jerk	NA	Mean	X	56
0.07	21328379857143					
4	STANDING Time Body Accelerometer	Jerk	NA	Mean	Y	
56	-0.00653015693773214					
4	STANDING Time Body Accelerometer	Jerk	NA	Mean	Z	
56	-0.0211889890567857	T1-	377	a D		
4 56	STANDING Time Body Accelerometer -0.972586541964286	Jerk	NA	SD	X	
4	STANDING Time Body Accelerometer	Jerk	NT 7N	SD	Y	
56	-0.938354677857143	OCIK	IVA	SD	1	
4	STANDING Time Body Accelerometer	Jerk	NA	SD	Z	
56	-0.973054201071429					
4	STANDING Time Body Accelerometer	Jerk	Magn:	itude	Mean	NA
4 56	-0.963370738392857		_			NA
56 4	-0.963370738392857 STANDING Time Body Accelerometer		_			NA NA
56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857	Jerk	Magn	itude	SD	NA
56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero	Jerk	_			NA
56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125	Jerk meter	Magn:	itude NA	SD Mean	NA X
56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero	Jerk meter	Magn	itude	SD	NA X
56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429	Jerk meter meter	Magn: NA NA	itude NA NA	SD Mean Mean	NA X Y
56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429 STANDING Time Gravity Accelero	Jerk meter meter	Magn: NA NA	itude NA	SD Mean	NA X Y
56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429 STANDING Time Gravity Accelero 0.166893825946429	Jerk meter meter	Magn: NA NA	itude NA NA	SD Mean Mean	NA X Y
56 4 56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429 STANDING Time Gravity Accelero 0.166893825946429	Jerk meter meter	Magn: NA NA	itude NA NA NA	SD Mean Mean Mean	NA X Y Z
56 4 56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429 STANDING Time Gravity Accelero 0.166893825946429 STANDING Time Gravity Accelero	Jerk meter meter meter meter	Magn: NA NA	itude NA NA NA	SD Mean Mean Mean	NA X Y Z
56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelero 0.95619779125 STANDING Time Gravity Accelero -0.0759009061071429 STANDING Time Gravity Accelero 0.166893825946429 STANDING Time Gravity Accelero -0.972908355892857	Jerk meter meter meter meter	Magn: NA NA NA	itude NA NA NA	SD Mean Mean Mean SD	NA X Y Z
56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer -0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.917613464821429	Jerk meter meter meter meter meter	Magn: NA NA NA	itude NA NA NA	SD Mean Mean Mean SD	NA X Y Z
56 4 56 4 56 4 56 4 56 4 56 4 56	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857	Jerk meter meter meter meter meter meter meter	Magn: NA NA NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD SD SD	NA X Y Z X Y
56 4 56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.899404775267857	Jerk meter meter meter meter meter meter meter	Magn: NA NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD SD	NA X Y Z X Y
56 4 56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.906478051785714	Jerk meter meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA NA	SD Mean Mean SD SD SD SD itude	NA X Y Z X Y Z Mean
56 4 56 4 56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer -0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.906478051785714 STANDING Time Gravity Accelerometer -0.906478051785714	Jerk meter meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA	itude NA NA NA NA NA	SD Mean Mean Mean SD SD SD	NA X Y Z X Y Z Mean
56 4 56 4 56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.906478051785714 STANDING Time Gravity Accelerometer -0.8990976683392857	Jerk meter meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA NA Magn:	SD Mean Mean SD SD SD SD itude	NA X Y Z X Y Z Mean
56 4 56 4 56 4 56 4 56 4 56 4 56 4 NA 4 NA	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.906478051785714 STANDING Time Gravity Accelerometer -0.890976683392857 STANDING Time Gravity Accelerometer -0.890976683392857 STANDING Time Gravity Accelerometer -0.890976683392857	Jerk meter meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA NA Magn:	SD Mean Mean SD SD SD SD itude	NA X Y Z X Y Z Mean
56 4 56 4 56 4 56 4 56 4 56 4 56 4 56 4	-0.963370738392857 STANDING Time Body Accelerometer -0.958159482142857 STANDING Time Gravity Accelerometer 0.95619779125 STANDING Time Gravity Accelerometer -0.0759009061071429 STANDING Time Gravity Accelerometer -0.166893825946429 STANDING Time Gravity Accelerometer -0.972908355892857 STANDING Time Gravity Accelerometer -0.917613464821429 STANDING Time Gravity Accelerometer -0.899404775267857 STANDING Time Gravity Accelerometer -0.906478051785714 STANDING Time Gravity Accelerometer -0.8990976683392857	Jerk meter meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA NA Magn:	SD Mean Mean SD SD SD SD itude	NA X Y Z X Y Z Mean

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56
     -0.955992945178571
     STANDING Freq NA
4
                         Gyroscope NA
                                              Mean Z
                                         NA
56
     -0.915280955357143
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Х
56
     -0.912464793928571
4
                         Gyroscope NA
                                                   Υ
     STANDING Freq NA
                                         NA
                                              SD
56
     -0.945825840178571
4
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Z
56
     -0.91665163125
4
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude Mean NA
56
     -0.914209165714286
4
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
56
     -0.887194404285714
4
     STANDING Freq NA
                         Gyroscope Jerk Magnitude Mean NA
     -0.964471139464286
56
4
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                        NA
56
     -0.9664302175
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
56
     -0.973497549642857
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Y
56
     -0.889549205
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Z
56
     -0.93164342125
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Х
56
     -0.978737637678571
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Υ
56
     -0.857380281803571
4
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Z
     -0.887554317678571
56
4
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
56
     -0.917614014821429
4
     STANDING Freq Body Accelerometer
                                              Magnitude SD
                                         NA
                                                             NA
56
     -0.895340042142857
     STANDING Freq Body Accelerometer
                                         Jerk NA
4
                                                   Mean X
56
     -0.972310894285714
4
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Y
56
     -0.937624242142857
4
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Z
56
     -0.968648411607143
4
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                        Х
                                                   SD
56
     -0.975706723571429
4
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Y
56
     -0.944075308928571
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        7.
4
56
     -0.976229505535714
4
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
56
     -0.956139283571429
```

4 56	STANDING -0.960032	_	Body	Accelerome	eter	Jerk	Magni	itude	SD	NA
4	WALKING	Time	NΔ	Gyroscope	NΔ	NA	Mean	x		
60	-0.031798			Cyroboope	1111	1111	nean	21		
4	WALKING			Gyroscope	NA	NA	Mean	Y		
60	-0.072690			-2						
4	WALKING	Time		Gyroscope	NA	NA	Mean	Z	60	
0.080	0567716121	6667								
4	WALKING	Time	NA	Gyroscope	NA	NA	SD	X		
60	-0.500916	659								
4	WALKING	Time	NA	${\tt Gyroscope}$	NA	NA	SD	Y		
60	-0.665394	092833	3333							
4	WALKING		NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
60	-0.6626083									
4	WALKING		NA	Gyroscope	NA	Magni	Ltude	Mean	NA	
60	-0.497792									
4	WALKING	Time		Gyroscope	NA	Magni	Ltude	SD	NA	
60	-0.553116									
4	WALKING			Gyroscope	Jerk	NA	Mean	X		
60	-0.115321									
4	WALKING	Time		Gyroscope	Jerk	NA	Mean	Y		
60	-0.039347									
4	WALKING	Time		Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
60	-0.055116									
4	WALKING	Time		Gyroscope	Jerk	NA	SD	X		
60	-0.492341									
4	WALKING		NA	Gyroscope	Jerk	NA	SD	Y		
60	-0.8074199									
4	WALKING			Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
60	-0.640454									
4	WALKING	Time	NA	Gyroscope	Jerk	Magni	Ltude	Mean	NA	
60	-0.681304									
4			NA	Gyroscope	Jerk	Magni	Ltude	SD	NA	
60	-0.730146									
4	WALKING		Body	Accelerome	eter	NA	NA	Mean	X	60
0.278	3582015166									
4			_	Accelerome	eter	NA	NA	Mean	Y	
60	-0.0148399									
4	WALKING		Body	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
60	-0.111403									
4	WALKING		_	Accelerome	eter	NA	NA	SD	X	
60	-0.440829									
4	WALKING		_	Accelerome	eter	NA	NA	SD	Y	
60	-0.078826									
4	WALKING		_	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
60	-0.586252			_						
4	WALKING	Time	Body	Accelerome	eter	NA	Magni	Ltude	Mean	NA

60	-0.312050574166667							
4	WALKING Time Body A	ccelerom	eter	NA	Magni	tude	SD	NA
60	-0.527679103166667				,			
4	WALKING Time Body A	cceleron	eter	Jerk	NA	Mean	X	60
0.07	83529082183333							
4	WALKING Time Body A	cceleron	eter	Jerk	NA	Mean	Y	60
0.00	295602428666667							
4	WALKING Time Body A		eter	Jerk	NA	Mean	Z	
60	-0.0007676793383333334							
4	WALKING Time Body A	ccelerom	eter	Jerk	NA	SD	X	
60 4	-0.297042612533333	~~~]~~~		Totale	3.7.73	CD	37	
4 60	WALKING Time Body A -0.221165131581667	ccereron	eter	Jerk	NA	SD	Y	
4	WALKING Time Body A	agolorom	otor	Jerk	NT 7\	SD	Z	
60	-0.7513913825	ccetetou	iecer	DELK	IVA	עכ	ப	
4	WALKING Time Body A	ccelerom	eter	Jerk	Magni	tude	Mean	NΑ
60	-0.366700879833333	.00010101	ic cci	CCIN	1149111	cuuc	iicaii	1421
4	WALKING Time Body A	ccelerom	eter	Jerk	Magni	tude	SD	NA
60	-0.316918956				,			
4	WALKING Time Gravit	у Ассе	lerome	eter	NA	NA	Mean	X
60	0.963999696833333							
4	WALKING Time Gravit	у Ассе	lerome	eter	NA	NA	Mean	Y
60	-0.0858540265666667							
4	WALKING Time Gravit	у Ассе	lerome	eter	NA	NA	Mean	Z
60	0.127764112666667							
4	WALKING Time Gravit	у Ассе	lerome	eter	NA	NA	SD	X
60	-0.983826494833333	_	-				~-	
4	WALKING Time Gravit	у Ассе	elerome	eter	NA	NA	SD	Y
60 4	-0.967963221 WALKING Time Gravit	7 Aggs	loromo	+ or	NA	NA	SD	Z
60	WALKING Time Gravit -0.962968112	у Ассе	terome	cer	IVA	IVA	עמ	Ц
4	WALKING Time Gravit	v Acce	lerome	ter	NA	Magni	itude	Mean
ΝA	60 -0.3120505741666		. I C I OIIIC	CCI	1471	nagiii	LCuuc	ricuii
4	WALKING Time Gravit		lerome	eter	NA	Magni	itude	SD
NA	60 -0.5276791031666	-				,		
4		yroscope	NA	NA	Mean	X		
60	-0.373384540666667							
4	WALKING Freq NA G	yroscope	NA	NA	Mean	Y		
60	-0.688460056666667							
4	_	yroscope	NA	NA	Mean	Z		
60	-0.601381129166667							
4	_	yroscope	· NA	NA	SD	X		
60	-0.542646759							
4	_	yroscope	NA	NA	SD	Y		
60 4	-0.654657770166667		. 37.7	3.7.73	CD.	<b>7</b>		
4 60	WALKING Freq NA G -0.716458475166667	yroscope	: NA	NA	SD	Z		
00	-0./104504/510000/							

4 60	WALKING Freq NA -0.609285588016667	Gyroscope NA	Magn	itude	Mean	NA	
4 60	WALKING Freq NA -0.593937200833333	Gyroscope NA	Magn	itude	SD	NA	
4 60	WALKING Freq NA -0.724327420666667	Gyroscope Jerk	Magn	itude	Mean	NA	
4 60	WALKING Freq NA -0.757768081166667	Gyroscope Jerk	Magn	itude	SD	NA	
4 60		Accelerometer	NA	NA	Mean	X	
4 60	WALKING Freq Body -0.14939963344	Accelerometer	NA	NA	Mean	Y	
4 60		Accelerometer	NA	NA	Mean	Z	
4 60	WALKING Freq Body	Accelerometer	NA	NA	SD	X	
4		Accelerometer	NA	NA	SD	Y	
60 4	-0.101799450565167 WALKING Freq Body	Accelerometer	NA	NA	SD	Z	
60 4		Accelerometer	NA	Magni	tude	Mean	NA
60 4		Accelerometer	NA	Magni	tude	SD	NA
60 4	-0.651172628166667 WALKING Freq Body	Accelerometer	Jerk	NA	Mean	X	
60 4		Accelerometer	Jerk	NA	Mean	Y	
60 4		Accelerometer	Jerk	NA	Mean	Z	
60 4		Accelerometer	Jerk	NA	SD	X	
60 4	-0.29732607245 WALKING Freq Body	Accelerometer	Jerk	NA	SD	Y	
60 4	<b>- -</b>	Accelerometer	Jerk	NA	SD	Z	
60 4 60	-0.772359087333333 WALKING Freq Body -0.318587811	Accelerometer	Jerk	Magni	tude	Mean	NA
4 60	WALKING Freq Body	Accelerometer	Jerk	Magni	tude	SD	NA
4	-0.320458701 WALKING_DOWNSTAIRS	Time NA Gyros	scope	NA	NA	Mean	X
45 4	-0.102838822533333 WALKING_DOWNSTAIRS	Time NA Gyros	scope	NA	NA	Mean	Y
45 4	-0.0704025952333333 WALKING_DOWNSTAIRS	Time NA Gyros	scope	NA	NA	Mean	Z
45 4	0.05926394948 WALKING_DOWNSTAIRS	Time NA Gyros	scope	NA	NA	SD	X

<i>1</i> E	0 27024460520000							
45 4	-0.370244695288889 WALKING DOWNSTAIRS	Time	NΙΔ	Gyroscope	NΙΔ	NA	SD	Y
45	-0.699453537111111	TIME	1421	сутовсорс	1471	1421	DD	1
4	WALKING DOWNSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
45	-0.498480800444444			_				
4	WALKING_DOWNSTAIRS	Time	NA	${\tt Gyroscope}$	NA	Magni	itude	Mean
NA	45 -0.3466062928							
4	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	SD
NA 4	45 -0.3805726254 WALKING DOWNSTAIRS	Time	NT 70	Gyroscope	Tords	NT 70	Moon	V
4 45	-0.0921282734666667	TIME	NA	Gyroscope	nerk	NA	Mean	Λ
4	WALKING DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Υ
45	-0.034843491344444		_,	-7				_
4	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
45	-0.0492836435688889							
4	WALKING_DOWNSTAIRS	Time	NA	${\tt Gyroscope}$	Jerk	NA	SD	X
45	-0.39599549444444				_			
4	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
45 4	-0.816858240222222	Time	NT 70	Curagana	Tords	NT 70	CD	7
4 45	WALKING_DOWNSTAIRS -0.325780073711111	ттше	NA	Gyroscope	Jerk	NA	SD	Z
4	WALKING DOWNSTAIRS	Time	NΑ	Gyroscope	Jerk	Magni	i tude	Mean
NA	45 -0.592843014888		-11-1	0,100000	0 0 1 11	1149111	Loudo	noun
4	WALKING DOWNSTAIRS	Time	NA	Gyroscope	Jerk	Magni	itude	SD
NA	45 -0.637079543555	5556						
4	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
X	45 0.2799653295555							
4	WALKING_DOWNSTAIRS		_	Accelerome	eter	NA	NA	Mean
Y	45 -0.009802008506			7 1		37.7	37.7	M = = =
4 Z	WALKING_DOWNSTAIRS 45 -0.1067775246	Time	воау	Accelerome	eter	NA	NA	Mean
4	WALKING DOWNSTAIRS	Тime	Body	Accelerome	otor	NA	NA	SD
X	45 0.0111935496222		Боау	neceicionic	CCI	1421	1421	6D
4	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	45 -0.21859832499		_					
4	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
${f Z}$	45 -0.479185977111							
4	WALKING_DOWNSTAIRS		_	Accelerome	eter	NA	Magn	itude
Mean								
4 CD	WALKING_DOWNSTAIRS		_	Accelerome	eter	NA	Magn	itude
SD 4	NA 45 -0.0819559 WALKING DOWNSTAIRS			Accelerome	tor	Jerk	NΙΛ	Mean
X	45 0.0971862748866		воау	Accelerome	sce1	OEIK	IVA	mean
4	WALKING DOWNSTAIRS		Bodv	Accelerome	eter	Jerk	NA	Mean
Y	45 0.0056378021511		4			_		
4	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	Jerk	NA	Mean
Z	45 -0.007291377664	144444	1					

```
4
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                   Jerk NA
                                                              SD
Х
          -0.145759708684667
4
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              SD
Y
          -0.146242294857778
4
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                              SD
Z
          -0.626646986888889
4
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                   Jerk Magnitude
Mean NA
          45
               -0.228851413747333
                          Time Body Accelerometer
                                                   Jerk Magnitude
     WALKING DOWNSTAIRS
SD
          45
               -0.216858921977778
                          Time Gravity
                                         Accelerometer
                                                         NA
     WALKING DOWNSTAIRS
                                                              NA
          45
               0.947731858666667
Mean X
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean Y
          45
               -0.0620852772955556
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
          45
               0.148714808888889
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          45
               -0.955258881333333
4
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          45
               -0.932066041111111
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.937753794444444
                         Time Gravity
                                         Accelerometer
     WALKING DOWNSTAIRS
                                                         NA
                          -0.0491616726733333
Magnitude Mean NA
                     45
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
Magnitude SD
               NA
                     45
                          -0.0819559041111111
     WALKING DOWNSTAIRS
                         Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
45
     -0.240298893435556
                                    Gyroscope NA
4
     WALKING DOWNSTAIRS
                         Freq NA
                                                    NA
                                                         Mean Y
45
     -0.717545840444444
4
                                    Gyroscope NA
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Z
45
     -0.318306481022222
4
     WALKING DOWNSTAIRS
                         Freq NA
                                    Gyroscope NA
                                                    NA
                                                         SD
                                                              Х
45
     -0.414919000955556
4
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                         SD
                                                              Y
                         Freq NA
                                                    NA
45
     -0.691518367333333
                                    Gyroscope NA
                                                         SD
                                                              Z
4
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
45
     -0.621658471333333
4
     WALKING DOWNSTAIRS
                         Freq NA
                                    Gyroscope NA
                                                    Magnitude Mean
     45
          -0.429213369555556
NA
4
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    Magnitude SD
                          Freq NA
          -0.457674088
NA
4
     WALKING DOWNSTAIRS
                                    Gyroscope Jerk Magnitude Mean
                          Freq NA
          -0.621752455777778
NA
4
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude SD
          -0.685470931777778
NA
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
```

X	45 -0.0722392276888889				
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	NA	Mean
Y	45 -0.129606639466667				
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	NA	Mean
Z	45 -0.494683451555556				
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	NA	SD
X	45 0.0390098262533333				
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	NA	SD
Y	45 -0.32253131772				
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	NA	SD
Z	45 -0.512694303111111	_			
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	Magni	Ltude
Mean					
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	Magni	Ltude
SD	NA 45 -0.263644030288889		_ ,		
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	Jerk	NA	Mean
X	45 -0.16163290774	<b>3 3 1</b>	T1-	373	26
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	Jerk	NA	Mean
Y 4	45 -0.172941628735556	n a a a l a mama t a m	Totale	<b>3.7.7</b>	Moon
4	WALKING_DOWNSTAIRS Freq Body	Accelerometer	Jerk	NA	Mean
Z 1	45 -0.583917371333333	Aggoloromotor	Tords	NT 70	CD
4	WALKING_DOWNSTAIRS Freq Body 2 45 -0.208250062317778	Accelerometer	Jerk	NA	SD
X 4	WALKING DOWNSTAIRS Freq Body	Nagoloromotor	Jerk	NT 7A	SD
<del>4</del> Y	45 -0.177202094317778	Accelerometer	nerk	NA	עפ
4	WALKING DOWNSTAIRS Freq Body	Accelerometer	Jerk	NΙΛ	SD
<del>z</del> Z	45 -0.66886733444444	Accelelometel	OCIK	IVA	שט
4	WALKING DOWNSTAIRS Freq Body	Accelerometer	Jerk	Magni	tude
	<b>–</b>	riccelel ometel	OCIN	nagni	Leade
4	WALKING DOWNSTAIRS Freq Body	Accelerometer	Jerk	Magni	tude
SD	NA 45 -0.280426776955556	inderer ometer	CLI	iiagiii	Loude
4		Gyroscope NA	NA	Mean	X
- 52	0.0393825198942308	-1			
4		Gyroscope NA	NA	Mean	Y
52	-0.0859471683596154	1 1			
4	WALKING UPSTAIRS Time NA	Gyroscope NA	NA	Mean	Z
52	0.0843753843384615	1			
4	WALKING UPSTAIRS Time NA	Gyroscope NA	NA	SD	X
52	-0.454431043269231	_			
4	WALKING_UPSTAIRS Time NA	Gyroscope NA	NA	SD	Y
52	-0.551185569230769	-			
4	WALKING_UPSTAIRS Time NA	Gyroscope NA	NA	SD	Z
52	-0.360811047884615				
4	WALKING_UPSTAIRS Time NA	Gyroscope NA	Magni	itude	Mean
NA	52 -0.299779407884615				
4	WALKING_UPSTAIRS Time NA	Gyroscope NA	Magni	itude	SD
NA	52 -0.510974134423077				

4	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
52 4	-0.1314720713 WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
52	-0.0390508828865385							
4 52	WALKING_UPSTAIRS -0.0722496260807692	Time	NA	Gyroscope	Jerk	NA	Mean	Z
4	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
52	-0.533666803846154	m :		<b>G</b>	T1-		a D	77
4 52	WALKING_UPSTAIRS -0.840722752692308	Time	NA	Gyroscope	Jerk	NA	SD	Y
4	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
52 4	-0.556236584807692 WALKING UPSTAIRS	Time	NT 7A	Gyroscope	Tork	Magn	i + 11do	Moan
NA	52 <b>-0.</b> 686978374423		IVA	Gyroscope	DELK	Magiii	Ltude	Mean
4	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magni	itude	SD
NA 4	52 -0.755270457692 WALKING UPSTAIRS		Body	Accelerome	oter	NA	NA	Mean
X	52 0.2708766967307		Боау	Acceleronic	CCI	1171	1471	ricuii
4	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y 4	52 -0.031980429572 WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z	52 -0.114219455519					_,		
4 X	WALKING_UPSTAIRS 52 -0.204933042903		Body	Accelerome	eter	NA	NA	SD
4	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	52 -0.066689910518	30769	_					
4 Z	WALKING_UPSTAIRS 52 -0.372137777692		Body	Accelerome	eter	NA	NA	SD
4	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	Magn	itude
Mean								
4 SD	WALKING_UPSTAIRS NA 52 -0.2120123		_	Accelerome	eter	NA	Magn	itude
4	WALKING_UPSTAIRS			Accelerome	eter	Jerk	NA	Mean
X	52 0.0560971909634		D1	7		T =1-	27.2	M
4 Y	WALKING_UPSTAIRS 52 0.0234018993153		воау	Accelerome	eter	Jerk	NA	Mean
4	WALKING_UPSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Z 4	52 0.0034028083673 WALKING UPSTAIRS		Body	Accelerome	otor	Jerk	NΙΛ	SD
X	52 -0.380488027303		ьоцу	Acceletome	scer	DELK	IVA	עמ
4	WALKING_UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y 4	52 -0.281543175326 WALKING UPSTAIRS		Body	Accelerome	eter	Jerk	NΑ	SD
Z	52 <b>-0.</b> 726495311923		2041	-10001010m		COLIN	-1-3	22
4 Maan	WALKING_UPSTAIRS		_	Accelerome	eter	Jerk	Magn	itude
Mean 4	NA 52 -0.4009222 WALKING UPSTAIRS			Accelerome	eter	Jerk	Magn	itude
	_		_				,	

SD	NA 52 -	0.4372614	177884	1615						
4	WALKING_UPS				ty	Accel	erome	eter	NA	NA
Mean		.94626431								
4 Maan	WALKING_UPS				_ty	Acce]	erome	eter	NA	NA
Mean 4	Y 52 - WALKING UPS	-0.2329443 STATES			+ 37	Accel	erome	tor	NA	NA
Mean	<b>—</b>	0.08416753			_ C y	necei	CIOIIC	CCI	1471	1471
4	WALKING_UPS				Lty	Accel	erome	eter	NA	NA
SD		0.9584952								
4	WALKING_UPS				_ty	Accel	erome	eter	NA	NA
SD		-0.9233760				3 1			373	373
4 SD	WALKING_UPS Z 52 -	TAIRS -0.9196194			_ty	Accel	erome	eter	NA	NA
รบ 4					+37	7 ccol	orome	tor	NA	
	WALKING_UPS itude Mean N	1A1KS	<b>-</b> 0.15	37030	-cy 935357	ACCE1	.erome	ccer	IVA	
4	WALKING UPS						erome	eter	NA	
	<b>—</b>	IA 52			300480				_,	
4	WALKING_UPS				Gyros		NA	NA	Mean	X
52	-0.37106899		_		_	_				
4	WALKING_UPS	STAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
52	-0.68431020									
4	WALKING_UPS		Freq	NA	Gyros	cope	NA	NA	Mean	Z
52	-0.35076573		_		<b>a</b>				a 5	
4	WALKING_UPS		Freq	NA	Gyros	cope	NA	NA	SD	X
52 4	-0.48354869 WALKING UPS		Frog	NA	Gyros	aono	NT 7\	NA	SD	Y
52	-0.48982427		rreq	IVA	Gyros	cope	IVA	IVA	עפ	I
4	WALKING UPS		Frea	NA	Gyros	cope	NΑ	NA	SD	Z
52	-0.42453351		1104		0,100	.copc			22	_
4	WALKING UPS		Freq	NA	Gyros	cope	NA	Magni	tude	Mean
NA	52 <b>-</b> 0.575	794072115	385		_	_		_		
4	WALKING_UPS		_	NA	Gyros	cope	NA	Magni	tude	SD
NA	52 -0.552									
4	WALKING_UPS		_	NA	Gyros	cope	Jerk	Magni	tude	Mean
NA		749226346		377	<b>G</b>		T1-	36		an.
4	WALKING_UPS		_	NA	Gyros	cope	Jerk	Magni	tude	SD
NA 4	52 -0.794 WALKING UPS	209483076 !!!!		Podv	Accel	oromo	tor	NA	NA	Mean
X	_	488270365	_	воау	Accer	.er ome	cer	IVA	IVA	mean
4	WALKING UPS			Bodv	Accel	erome	eter	NA	NA	Mean
Y	<b>—</b>	109161492	_					_,	_,	
4	WALKING UPS			Body	Accel	erome	eter	NA	NA	Mean
Z	52 -0.524	655722692	2308							
4	WALKING_UPS	STAIRS	Freq	Body	Accel	erome	eter	NA	NA	SD
X		3217219014								
4	WALKING_UPS		_	Body	Accel	erome	eter	NA	NA	SD
Y	52 -0.101	434446040	1385							

4	WALKING_UPSTAIRS		Acce	lerom	eter	NA	NA	SD
Z	52 -0.3451098176		3	1		373		
4 Mean	WALKING_UPSTAIRS NA 52 -0.27682	Freq Body 5498230769	Acce	rerom	eter	NA	мagn	itude
Mean 4	WALKING UPSTAIRS		Acce	lerom	atar	NA	Magn	itude
SD	<del></del>	5898461538	ACCE	TELOIII	ecer	IVA	Magn	rcude
4	WALKING UPSTAIRS		Acce	lerom	eter	Jerk	NΑ	Mean
X	52 -0.4183046473		11000		0001	00111	-11-	110411
4	WALKING UPSTAIRS		Acce	lerom	eter	Jerk	NA	Mean
Y	52 -0.2978051872							
4	WALKING UPSTAIRS		Acce	lerom	eter	Jerk	NA	Mean
Z	52 -0.6901069342							
4	WALKING UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	NA	SD
X	52 -0.3967625848							
4	WALKING UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	NA	SD
Y	52 -0.3145250307	88462						
4	WALKING_UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	NA	SD
Z	52 <b>–</b> 0.762772175							
4	WALKING_UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	Magn	itude
Mean	NA 52 -0.39740	6285						
4	WALKING_UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	Magn	itude
SD	NA 52 -0.49732	4087307692						
5	LAYING Time NA	Gyroscope	NA	NA	Mean	X		
52	-0.021893501350192	3						
5	LAYING Time NA	Gyroscope	NA	NA	Mean	Y		
52	-0.079870959615384	6						
5	LAYING Time NA	Gyroscope	NA	NA	Mean	Z	52	
0.159	9894366942308							
5	LAYING Time NA	Gyroscope	NA	NA	SD	X		
52	-0.979498706538461							
5	LAYING Time NA	Gyroscope	NA	NA	SD	Y		
52	-0.977427370576923							
5	LAYING Time NA	Gyroscope	NA	NA	SD	Z		
52	-0.960583776923077							
5	LAYING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
52	-0.946938300576923							
5	LAYING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
52	-0.958287921923077							
5	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Х		
52	-0.102114125	~	_ ,					
5	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Y		
52	-0.040444692528846		- 1			_		
5	LAYING Time NA	Gyroscope	Jerk	NΑ	Mean	Z		
52	-0.07083096875	C	T =1-	3.7.75	CD.	v		
5 5 2	LAYING Time NA	Gyroscope	Jerk	ΝA	SD	X		
52 5	-0.983422257692308		To 201-	<b>NT 7</b>	CD	V		
J	LAYING Time NA	Gyroscope	nerk	MA	SD	Y		

52	-0.98375947923	20769								
5		NA	Gyros	scope	Jerk	NA	SD	Z		
52	-0.98967959230		4	-						
5	LAYING Time	NA	Gyros	scope	Jerk	Magn	itude	Mean	NA	
52	-0.9864194225									
5		NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
52	-0.98377138	_ ,								
5	LAYING Time 3334325576923	Body	Acce	Lerome	eter	NA	NA	Mean	Х	52
5		Body	Acce	larome	at or	NA	NA	Mean	v	
52	-0.01830421232		ACCE	rerome	CCI	IVA	IVA	riedii	1	
5		Body	Acce	Lerome	eter	NA	NA	Mean	$\mathbf{z}$	
52	-0.10793760367	_								
5	LAYING Time	Body	Accel	Lerome	eter	NA	NA	SD	X	
52	-0.96593450961									
5	LAYING Time	_	Accel	Lerome	eter	NA	NA	SD	Y	
52	-0.96929561326		_							
5		Body	Acce	Lerome	eter	NA	NA	SD	Z	
52	-0.96856251634	Body	7.000	loromo	+02	NT 70	Magn	: <b>+</b> do	Moon	NT 70
5 52	LAYING Time -0.96677788288	_	Accel	rerome	erer	NA	Magii.	Ltude	Mean	NA
5		Body	Acce	lerome	eter	NA	Magn	itude	SD	NA
52	-0.95861278634	_	110001		2001	-11-1	1100 9111	Loudo	22	1411
5		Body	Accel	Lerome	eter	Jerk	NA	Mean	X	52
0.084	18164824230769	_								
5	LAYING Time	Body	Accel	Lerome	eter	Jerk	NA	Mean	Y	52
	747460829615385									
5		Body		Lerome	eter	Jerk	NA	Mean	Z	
52	-0.00304067159			1		T1-	37.7	an	**	
5 52	LAYING Time -0.98330786211	Body	Acce	Lerome	eter	Jerk	NA	SD	X	
5		Body	Acce	lerome	ter	Jerk	NΔ	SD	Y	
52	-0.96456043096	_	ACCE	rerome	CCI	DELK	IVA	SD	1	
5	LAYING Time		Acce	Lerome	eter	Jerk	NA	SD	Z	
52	-0.98541936846	_								
5	LAYING Time	Body	Accel	Lerome	eter	Jerk	Magn	itude	Mean	NA
52	-0.98014125384	6154								
5		Body	Accel	Lerome	eter	Jerk	Magn	itude	SD	NA
52	-0.97747714538				ī					
5		Grav	ıty	Acce]	Lerome	eter	NA	NA	Mean	X
52 5	-0.48347059769 LAYING Time	2308 Gravi	i + **	Accel	loroma	otor	NA	NA	Mean	v
52	0.954890346153		тсу	Accel	reronie	ecer	IVA	IVA	Mean	1
5		Grav	itv	Acce]	lerome	eter	NA	NA	Mean	7.
52	0.263644691923		- 1			<b>-</b>			·	
5		Grav	ity	Accel	Lerome	eter	NA	NA	SD	X
52	-0.94569533615	3846								

```
5
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Y
52
     -0.985964053846154
                               Accelerometer
5
     LAYING
                Time Gravity
                                                NΑ
                                                     NΑ
                                                          SD
                                                                7.
52
     -0.977076645
5
     LAYING
                Time Gravity
                                Accelerometer
                                                     Magnitude Mean
                                                NA
     52
          -0.966777882884615
NA
5
     LAYING
                Time Gravity
                               Accelerometer
                                                NA
                                                     Magnitude SD
NA
     52
          -0.958612786346154
5
                                                Mean X
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
52
     -0.975797491730769
5
     LAYING
                          Gyroscope NA
                                                Mean Y
                Freq NA
                                          NA
52
     -0.978249645769231
5
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
52
     -0.963202948461538
5
     LAYING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
               Freq NA
52
     -0.980705769807692
5
     LAYING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
                Freq NA
52
     -0.977257800961538
5
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
52
     -0.963305738076923
5
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
                Freq NA
52
     -0.968257068846154
5
                          Gyroscope NA
                                          Magnitude SD
     LAYING
                Freq NA
                                                          NA
52
     -0.959263063269231
5
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
                Freq NA
52
     -0.984618025769231
                          Gyroscope Jerk Magnitude SD
5
     LAYING
                Freq NA
                                                          NA
52
     -0.983434493076923
               Freq Body Accelerometer
5
     LAYING
                                          NA
                                                NA
                                                     Mean X
52
     -0.968741678461538
5
                Freq Body Accelerometer
                                                     Mean Y
     LAYING
                                          NA
                                                NA
52
     -0.965419520961538
5
     LAYING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
52
     -0.977007724615385
5
     LAYING
                Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Х
                                          NA
52
     -0.964953893653846
                Freq Body Accelerometer
                                                          Y
5
     LAYING
                                          NA
                                                NA
                                                     SD
52
     -0.972909186730769
5
     LAYING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
52
     -0.965882191153846
                Freq Body Accelerometer
                                                Magnitude Mean NA
     LAYING
                                          NA
52
     -0.962234984038462
5
     LAYING
                Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
52
     -0.962525369423077
5
     LAYING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
52
     -0.982689657115385
5
     LAYING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
```

52	-0.965328566153846									
5	LAYING Freq Body	Accelerome	eter	Jerk	NA	Mean	Z			
52	-0.983250309423077									
5	LAYING Freq Body	Accelerome	eter	Jerk	NA	SD	X			
52	-0.985625270384615	_		_						
5	LAYING Freq Body	Accelerome	eter	Jerk	NA	SD	Y			
52 5	-0.96624258 LAYING Freq Body	Aggoloromo	tor	Jerk	NT 7N	SD	Z			
52	-0.986135599038461	Accelerome	scer	nerk	IVA	עס	4			
5	LAYING Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA		
52	-0.977356379807692				,					
5	LAYING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA		
52	-0.976381934807692									
5	SITTING Time NA	Gyroscope	NA	NA	Mean	X				
44 5	-0.0422355209795455 SITTING Time NA	Gyroscope	NT 7\	NA	Mean	v				
44	-0.0835484079545455	дугозсоре	INT	IVA	Mean	T				
5	SITTING Time NA	Gyroscope	NA	NA	Mean	Z	44			
0.082	23934451590909	2 1								
5	SITTING Time NA	Gyroscope	NA	NA	SD	X				
44	-0.966225485									
5		Gyroscope	NA	NA	SD	Y				
44 5	-0.950064068181818 SITTING Time NA	Gyroscope	NT 7\	NA	SD	Z				
44	-0.940637937045455	Gyroscope	IVA	IVA	עמ	7				
5	SITTING Time NA	Gyroscope	NA	Magn	itude	Mean	NA			
44	-0.934301646590909	1 1		,						
5	SITTING Time NA	Gyroscope	NA	Magn	itude	SD	NA			
44	-0.931414810454545									
5	SITTING Time NA	Gyroscope	Jerk	NA	Mean	X				
44 5	-0.0889747665681818 SITTING Time NA	Gyroscope	Tork	NT 7N	Mean	v				
44	-0.0454702982386364	Gyroscope	DELY	IVA	Mean	ı				
5	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Z				
44	-0.0487714733568182	2 1								
5	SITTING Time NA	Gyroscope	Jerk	NA	SD	X				
44	-0.966037012045455									
5	SITTING Time NA	Gyroscope	Jerk	NA	SD	Y				
44 5	-0.975433911363636 SITTING Time NA	Gyroscope	Tork	NT 7N	SD	Z				
44	-0.964878512727273	дугозсоре	DELY	IVA	שט	ப				
5	SITTING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA			
44	-0.973848287045455									
5	SITTING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA			
44	-0.970392610454546	_								
5	SITTING Time Body	Accelerome	eter	NA	NA	Mean	X	44		
0.273694139545455										

5	SITTING		_	eromete	r NA	NA	Mean	Y	
44	-0.0099008			0.0000 A 0.0	n 377	3.7.73	Maan	п	
5 44	SITTING -0.1085403		y Accel	eromete	r NA	NA	Mean	Z	
5	SITTING		v Accel	aromata.	r NA	NA	SD	Х	
3 44	-0.9809450		y Accer	eromete	L IVA	IVA	עכ	Λ	
5	SITTING		v Accel	eromete.	r NA	NA	SD	Y	
44	-0.9043351		y necei	CIOMCCCI	L 1421	1121	DD.	-	
5	SITTING		v Accel	eromete	r NA	NA	SD	Z	
44	-0.9260947		1 110001					_	
5	SITTING		y Accel	eromete:	r NA	Magni	tude	Mean	NA
44	-0.9379783		4			,			
5	SITTING		y Accel	eromete	r NA	Magni	tude	SD	NA
44	-0.9209390		_			,			
5	SITTING	Time Bod	y Accel	eromete	r Jerk	NA	Mean	X	44
0.07	49577410909	9091							
5	SITTING	Time Bod	y Accel	eromete	r Jerk	NA	Mean	Y	
44	-0.0027877	733461363	63						
5	SITTING	Time Bod	y Accel	eromete	r Jerk	NA	Mean	$\mathbf{Z}$	44
0.00	33860959482	27273							
5	SITTING		y Accel	eromete	r Jerk	NA	SD	X	
44	-0.9752048								
5	SITTING		y Accel	eromete	r Jerk	NA	SD	Y	
44	-0.9527862								
5	SITTING		y Accel	eromete	r Jerk	NA	SD	Z	
44	-0.9734365				_ ,				
5	SITTING		y Accel	eromete	r Jerk	Magni	Ltude	Mean	NA
44	-0.9693201					36		an	373
5	SITTING		y Accel	eromete	r Jerk	Magni	Ltuae	SD	NA
44 5	-0.9657577 SITTING		+	Nagolor	omotor	NT 7A	NA	Moan	v
3 44	0.88073144		VILY	Acceler	Juecer	NA	IVA	Mean	Λ
5	SITTING		.,i+.,	Acceler	omotor	NΤΛ	NA	Mean	v
44	0.16844552		vicy .	Accelet	Juecer	IVA	IVA	Mean	1
5	SITTING		wi+w	Accelero	ometer	NA	NA	Mean	7.
44	0.14300685		v I C y	11000101	JIIICCCI	1121	1121	ncun	_
5	SITTING	Time Gra	vitv	Accelero	ometer	NA	NA	SD	Х
44	-0.9831375		· _ 01		31110001			22	
5	SITTING		vitv	Accelero	ometer	NA	NA	SD	Y
44	-0.9399429		2			-	-		
5	SITTING	Time Gra	vity	Acceler	ometer	NA	NA	SD	Z
44	-0.9450089	999545455	-						
5	SITTING	Time Gra	vity	Acceler	ometer	NA	Magni	itude	Mean
NA		379783225	<del>-</del>						
5	SITTING	Time Gra	vity	Acceler	ometer	NA	Magni	itude	SD
NA	44 -0.92	209390277	27273						
5						16			
5	SITTING	Freq NA	Gyros	cope NA	NA	Mean	Х		

```
44
     -0.957117251818182
5
     SITTING
                          Gyroscope NA
                                          NA
                                               Mean Y
               Freq NA
44
     -0.955460359318182
5
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
44
     -0.938003425909091
5
     SITTING
                          Gyroscope NA
                                                    Х
               Freq NA
                                          NA
                                               SD
44
     -0.969390369318182
5
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Υ
44
     -0.947571471590909
5
     SITTING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
               Freq NA
44
     -0.947346476590909
5
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
44
     -0.944760322045455
5
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
44
     -0.934746865454545
5
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
44
     -0.971598370227273
5
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
44
     -0.970675403409091
5
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
44
     -0.977450812045455
5
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
44
     -0.921434735681818
               Freq Body Accelerometer
5
     SITTING
                                          NA
                                               NA
                                                    Mean Z
44
     -0.946064216818182
5
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
44
     -0.9825908425
5
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Y
44
     -0.9022915301
5
                                                          Z
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
44
     -0.92184351
5
     SITTING
                                               Magnitude Mean NA
               Freq Body Accelerometer
                                          NA
44
     -0.936290604545455
               Freq Body Accelerometer
                                               Magnitude SD
5
     SITTING
                                          NA
                                                               NA
44
     -0.925669291136364
5
               Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                    Mean X
44
     -0.976024951136364
5
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
44
     -0.954237489772727
5
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
     SITTING
44
     -0.969501330681818
5
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
44
     -0.976530547272727
5
               Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                     SD
                                                          Υ
44
     -0.954464442045455
5
     SITTING
               Freq Body Accelerometer
                                                     SD
                                                          Z
                                          Jerk NA
     -0.97602233
44
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5	SITTING	Frea	Bodv	Accelerome	eter	Jerk	Magn	itude	Mean	NA
44	-0.964440	_	_				5			
5	SITTING	Freq	Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
44	-0.966545	_	_							
5	STANDING	Time	NA	Gyroscope	NA	NA	Mean	X		
56	-0.032271	19026	73214							
5	STANDING	Time	NA	Gyroscope	NA	NA	Mean	Y		
56	-0.050987	505								
5	STANDING	Time	NA	Gyroscope	NA	NA	Mean	Z	56	
0.069	9094576394	6429								
5	STANDING	Time	NA	Gyroscope	NA	NA	SD	X		
56	-0.910395	22232	1429							
5	STANDING	Time	NA	Gyroscope	NA	NA	SD	Y		
56	-0.933738			1 1						
5	STANDING			Gyroscope	NA	NA	SD	Z		
56	-0.907471			120-60				_		
5	STANDING	Time		Gyroscope	NΑ	Magn	i tude	Mean	NΑ	
56	-0.900671			суговооре	1111	114911	Leade	mean	1111	
5	STANDING			Gyroscope	NΑ	Magn	itude	SD	NA	
56	-0.867041°			Суговсорс	1421	magii.	Lcuuc	DD	1421	
5	STANDING	Time		Gyroscope	Jerk	NΔ	Mean	x		
56	-0.0922249			буговеоре	OCIK	1171	ricuii	Λ		
5	STANDING			Gyroscope	Jork	NΙΔ	Mean	v		
56	-0.039910			дуговсоре	DELY	IVA	riedii	1		
5	STANDING	Time		Gyroscope	Jork	NT 7N	Mean	7		
56	-0.042222			Gyroscope	OGIV	IVA	Mean	۷		
5	STANDING			Gyroscope	Tork	NT 7N	SD	X		
56	-0.941930			Gyroscope	OGIV	IVA	שט	Λ		
5	STANDING	Time		Gyroscope	Tork	NT 7N	SD	Y		
5 56	-0.961177			Gyroscope	OGIV	IVA	שט	T		
5 5		Time		Curoggono	Tork	NT 7N	CD	7		
	STANDING -0.944755			Gyroscope	nerk	MA	SD	Z		
56				Curocoss	Torle	M - ~	.+11.4.	Moon	NT 7A	
5 5.6	STANDING			Gyroscope	nerk	mayıı.	Luue	mean	NA	
56	-0.9584059			Circa	To *-1-	M = ====		CD	NT 7	
5	STANDING	Time		Gyroscope	Jerk	magn:	rtuae	ຣັກ	NA	
56	-0.947970°			7 ~ ~ ~ 7 ~	<b>.</b>	<b>3.7.7</b>	NT TO	M	v	E C
5 n 20'			воах	Accelerome	eter	NA	NA	Mean	Х	56
	2544390892		D = -1	7 ~ ~ ~ 7 ~	<b>.</b>	<b>3.7.7</b>	NT TO	M	37	
5	STANDING		_	Accelerome	eter	NA	NA	Mean	Y	
56	-0.007004							3.6	-	
5	STANDING		_	Accelerome	eter	NA	NA	Mean	Z	
56	-0.102171			_						
5	STANDING		_	Accelerome	eter	NA	NA	SD	X	
56	-0.9685918			-						
5	STANDING		_	Accelerome	eter	NA	NA	SD	Y	
56	-0.869439									
5	STANDING	Time	Body	Accelerome	eter	NA	NA	SD	Z	

56	-0.869327321785714								
5	STANDING Time Body -0.906104701071429	Accel	erome	eter	NA	Magn	itude	Mean	NA
56 5	STANDING Time Body	Accel	erome	eter	NA	Magn	itude	SD	NA
56	-0.87977380125					,			
5	STANDING Time Body 25189859107143	Accel	erome	eter	Jerk	NA	Mean	X	56
5	STANDING Time Body	Accel	erome	eter	Jerk	NA	Mean	Y	
56	-0.00221990214464286								
5	STANDING Time Body	Accel	erome	eter	Jerk	NA	Mean	Z	
56 5	-0.0122812220569643 STANDING Time Body	Accel	erome	ter	Jerk	NΔ	SD	х	
56	-0.962647080178571	necei	CLOIIC	CCI	UCIK	1471	DD	21	
5	STANDING Time Body	Accel	erome	eter	Jerk	NA	SD	Y	
56	-0.931217140714286 STANDING Time Body	7 9 9 9 1	o.v.o.m.c	+02	Jerk	NT 70	CD	7	
5 56	STANDING Time Body -0.963832118928571	Accel	erome	eter	Jerk	NA	SD	Z	
5	STANDING Time Body	Accel	erome	eter	Jerk	Magn	itude	Mean	NA
56	-0.956863566071429								
5 56	STANDING Time Body -0.942962047678571	Accel	erome	eter	Jerk	Magn	itude	SD	NA
5	STANDING Time Gravi	ity	Accel	Lerome	eter	NA	NA	Mean	X
56	0.960188699107143	_							
5	STANDING Time Gravi	ity	Accel	Lerome	eter	NA	NA	Mean	Y
56 5	-0.03871012665 STANDING Time Gravi	itv	Accel	Lerome	eter	NA	NA	Mean	7.
56	0.138638436607143	1					-,		_
5	STANDING Time Gravi	ity	Accel	Lerome	eter	NA	NA	SD	X
56 5	-0.974088206071429 STANDING Time Gravi	i + 17	7 ago 1	Lerome	tor	NA	NA	SD	Y
56	-0.931973943392857	LCy	ACCEI	reronie	CEI	IVA	IVA	טט	1
5	STANDING Time Gravi	ity	Accel	Lerome	eter	NA	NA	SD	Z
56	-0.914608495714286		3 1			37.7	M =		M
5 NA	STANDING Time Grave 56 -0.906104701071	_	Accel	Lerome	eter	NA	magn:	itude	mean
5	STANDING Time Gravi		Accel	Lerome	eter	NA	Magn	itude	SD
NA	56 -0.87977380125								
5 56	STANDING Freq NA -0.909661802321429	Gyros	cope	NA	NA	Mean	X		
5	STANDING Freq NA	Gyros	scope	NA	NA	Mean	Y		
56	-0.939373524464286	-	-						
5	STANDING Freq NA	Gyros	cope	NA	NA	Mean	Z		
56 5	-0.907190836607143 STANDING Freq NA	Gyros	scope	NΑ	NA	SD	X		
56	-0.912780915714286	5,100	оче	-11-1	-11-1	25			
5	STANDING Freq NA	Gyros	cope	NA	NA	SD	Y		
56	-0.931857811428571								

5 56	STANDING Freq NA -0.91678935625	Gyroscope NA	NA SD	Z	
5 56	STANDING Freq NA -0.904543921607143	Gyroscope NA	Magnitude	Mean	NA
5 5 56	STANDING Freq NA -0.868913993928571	Gyroscope NA	Magnitude	SD	NA
5 5 56	STANDING Freq NA -0.952286438035714	Gyroscope Jerk	Magnitude	Mean	NA
5 5 56	STANDING Freq NA -0.946196462857143	Gyroscope Jerk	Magnitude	SD	NA
5 5 56	STANDING Freq Body -0.964500917321429	Accelerometer	NA NA	Mean	X
5 5 56	STANDING Freq Body -0.890796360535714	Accelerometer	NA NA	Mean	Y
5 5 56	STANDING Freq Body -0.915083799107143	Accelerometer	NA NA	Mean	Z
5 5 56	STANDING Freq Body -0.97066840875	Accelerometer	NA NA	SD	X
5 5 56	STANDING Freq Body -0.867933178017857	Accelerometer	NA NA	SD	Y
5 5 56	STANDING Freq Body -0.858231387857143	Accelerometer	NA NA	SD	Z
5 5 56	STANDING Freq Body -0.9046413925	Accelerometer	NA Magn	itude	Mean NA
5 5	STANDING Freq Body -0.886745170714286	Accelerometer	NA Magn	itude	SD NA
5 56	STANDING Freq Body -0.963059235178571	Accelerometer	Jerk NA	Mean	X
5 56	STANDING Freq Body -0.93137020875	Accelerometer	Jerk NA	Mean	Y
5 56		Accelerometer	Jerk NA	Mean	Z
5 56	STANDING Freq Body -0.965778920714286	Accelerometer	Jerk NA	SD	X
5 56	STANDING Freq Body -0.936202600714286	Accelerometer	Jerk NA	SD	Y
5 56	STANDING Freq Body -0.96807230125	Accelerometer	Jerk NA	SD	Z
5 56	STANDING Freq Body -0.941825903035714	Accelerometer	Jerk Magn	itude	Mean NA
5 56	STANDING Freq Body -0.943601960178571	Accelerometer	Jerk Magn	itude	SD NA
5 56	WALKING Time NA -0.0488919896632143	Gyroscope NA	NA Mean	X	
5 56	WALKING Time NA -0.0690135249642857	Gyroscope NA	NA Mean	Y	
5	WALKING Time NA	Gyroscope NA	NA Mean	Z	56

0.083	15435495892857							
5	WALKING Time NA	Gyroscope	NA	NA	SD	Х		
56	-0.490877497857143							
5	WALKING Time NA	Gyroscope	NA	NA	SD	Y		
56	-0.504622029821429							
5	WALKING Time NA	Gyroscope	NA	NA	SD	Z		
56	-0.318700615178571							
5	WALKING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
56	-0.355933083571429	_						
5	WALKING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
56	-0.492176823571429		T1-	377	36	**		
5	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Х		
56 5	-0.0888408355267857	Curagana	Torde	NT 7N	Moon	37		
5 56	WALKING Time NA -0.0449559531089286	Gyroscope	Jerk	NA	Mean	ĭ		
5	WALKING Time NA	Gyroscope	Jork	NT 7\	Mean	7		
56	-0.0482679596035714	Gyloscope	OELK	IVA	Mean	4		
5	WALKING Time NA	Gyroscope	Jerk	NΑ	SD	X		
56	-0.357681403285714	dyrobcope	OCIN	1421	OD.	21		
5	WALKING Time NA	Gyroscope	Jerk	NA	SD	Y		
56	-0.57143812375	-1				_		
5	WALKING Time NA	Gyroscope	Jerk	NA	SD	Z		
56	-0.157682543983929							
5	WALKING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
56	-0.444532485357143							
5	WALKING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
56	-0.48919974625							
5	WALKING Time Body	Accelerome	eter	NA	NA	Mean	X	56
0.27	784234625							
5	_	Accelerome	eter	NA	NA	Mean	Y	
56	-0.0172850317482679	_						
5		Accelerome	eter	NA	NA	Mean	Z	
56	-0.107741776464286							
5	<del>-</del>	Accelerome	eter	NA	NA	SD	X	
56	-0.294098534232143	2 1		377	377	a D	**	T.C.
5	=	Accelerome	eter	NA	NA	SD	Y	56
	67484028053571	Aggolowom.	- <del>-</del>	3.7.73	3.7.73	CD	<b>17</b>	
5 56	WALKING Time Body -0.45702143625	Accelerome	eter	NA	NA	SD	Z	
5		Accelerome	otor	NA	Magn	itude	Moan	N A
56	-0.158338674394643	Acceletome	scer	IVA	Magii.	Luue	Mean	NA
5		Accelerome	ster	NA	Magn:	itude	SD	NA
56	-0.377178733392857	neceición	CCI	1421	nagiii	Lcuuc	DD	1411
5		Accelerome	eter	Jerk	NA	Mean	X	56
	45888833571429		<del>-</del>		-,			- <del>-</del>
5	WALKING Time Body	Accelerome	eter	Jerk	NA	Mean	Y	
56	-0.0163194101232143							

5 8 32	WALKING 1593517857	Time Body	Acce	lerome	eter	Jerk	NA	Mean	Z	56
5	WALKING		Acce	lerome	eter	Jerk	NA	SD	X	
56	-0.302891	-								
5	WALKING	Time Body	Acce	lerome	eter	Jerk	NA	SD	Y	
56		7428607143								
5	WALKING	-	Acce	lerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
56	-0.612895		_	-		- 1				
5	WALKING	-	Acce.	Lerome	eter	Jerk	Magn	ıtude	Mean	NA
56 5	-0.288333	Time Body	, Aggo	loroma	otor	Tork	Magn	: + 11do	GD.	NA
5 56	-0.282242	_	Acce.	rerome	erer	nerk	Magii.	Luue	עס	IVA
5	WALKING		itv	Acce	lerome	eter	NA	NA	Mean	X
56	0.9726249		<b>10</b> 1	11000			1111	1411	mean	
5		Time Grav	ritv	Acce	lerome	eter	NA	NA	Mean	Y
56	-0.100440		4							
5	WALKING	Time Grav	rity	Acce	lerome	eter	NA	NA	Mean	Z
56	0.0024762	3628392857	, -							
5	WALKING	Time Grav	rity	Acce	lerome	eter	NA	NA	SD	X
56	-0.979348	381428571								
5	WALKING	Time Grav	rity	Acce	lerome	eter	NA	NA	SD	Y
56	-0.961585	474821429								
5		Time Grav	rity	Acce	lerome	eter	NA	NA	SD	$\mathbf{Z}$
56	-0.964580	803928571								
5	WALKING		-	Acce	lerome	eter	NA	Magn	itude	Mean
NA	56 -0.1	5833867439	4643					_		
NA 5	56 -0.1 WALKING	5833867439 Time Grav	4643 rity				NA NA	_	itude itude	
NA 5 NA	56 -0.1 WALKING 56 -0.3	5833867439 Time Grav 7717873339	4643 vity 2857	Acce	lerome	eter	NA	Magn		
NA 5 NA 5	56 -0.1 WALKING 56 -0.3 WALKING	5833867439 Time Grav 7717873339 Freq NA	4643 vity 2857	Acce	lerome			Magn		
NA 5 NA 5 56	56 -0.1 WALKING 56 -0.3 WALKING -0.372668	5833867439 Time Grav 7717873339 Freq NA 749642857	4643 rity 2857 Gyros	Acce scope	lerome NA	eter NA	NA Mean	Magn:		
NA 5 NA 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA	4643 rity 2857 Gyros	Acce scope	lerome NA	eter	NA	Magn:		
NA 5 NA 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857	4643 rity 2857 Gyros	Accel scope scope	lerome NA NA	eter NA NA	NA Mean Mean	Magn: X Y		
NA 5 NA 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA	4643 rity 2857 Gyros	Accel scope scope	lerome NA NA	eter NA	NA Mean Mean	Magn: X Y		
NA 5 NA 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714	Gyros	Accel scope scope scope	NA NA NA	NA NA NA	NA Mean Mean Mean	Magn: X Y Z		
NA 5 NA 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA	Gyros	Accel scope scope	NA NA NA	eter NA NA	NA Mean Mean	Magn: X Y		
NA 5 NA 5 56 5 56 5 56	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571	Gyros Gyros Gyros Gyros	Accelscope scope scope	NA NA NA NA	eter NA NA NA	NA Mean Mean Mean SD	Magn: X Y Z		
NA 5 NA 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA	Gyros Gyros Gyros Gyros	Accel scope scope scope	NA NA NA NA	NA NA NA	NA Mean Mean Mean	Magn: X Y Z		
NA 5 NA 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714	Gyros Gyros Gyros Gyros	Accel scope scope scope scope	NA NA NA NA NA	NA NA NA NA NA	NA Mean Mean SD SD	Magn: X Y Z X Y		
NA 5 NA 5 56 5 56 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA	Gyros Gyros Gyros Gyros	Accelscope scope scope	NA NA NA NA NA	eter NA NA NA	NA Mean Mean Mean SD	Magn: X Y Z		
NA 5 NA 5 56 5 56 5 56 5 56 5 56	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714	Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinate of	NA NA NA NA NA NA	NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magn: X Y Z X Y	itude	
NA 5 NA 5 56 5 56 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571	Gyros Gyros Gyros Gyros Gyros	Accel scope scope scope scope	NA NA NA NA NA NA	NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magn: X Y Z X Y	itude	
NA 5 NA 5 56 5 56 5 56 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571 Freq NA	Gyros Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinate of	NA NA NA NA NA NA NA	NA	NA Mean Mean SD SD SD	Magn: X Y Z X Y Z Mean	itude	
NA 5 NA 5 56 5 56 5 56 5 56 5 56 5 56	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING -0.484262 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571 Freq NA	Gyros Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinal accordi	NA NA NA NA NA NA NA	NA	NA Mean Mean SD SD SD sD	Magn: X Y Z X Y Z Mean	itude NA	
NA 5 NA 5 56 5 56 5 56 5 56 5 56 5 56 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING -0.484262 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571 Freq NA	Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinate of	NA NA NA NA NA NA NA	NA NA NA NA NA NA Magni	NA Mean Mean SD SD SD itude	Magn: X Y Z X Y Z Mean SD	itude NA NA	
NA 5 NA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING -0.484262 WALKING -0.589741 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571 Freq NA 828928571 Freq NA 506785714	Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinal accordi	NA NA NA NA NA NA NA	NA NA NA NA NA NA Magni	NA Mean Mean SD SD SD itude	Magn: X Y Z X Y Z Mean SD	itude NA NA	
NA 5 NA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	56 -0.1 WALKING 56 -0.3 WALKING -0.372668 WALKING -0.513951 WALKING -0.213127 WALKING -0.529392 WALKING -0.502683 WALKING -0.420367 WALKING -0.484262 WALKING -0.589741 WALKING	5833867439 Time Grav 7717873339 Freq NA 749642857 Freq NA 718392857 Freq NA 031035714 Freq NA 790178571 Freq NA 380535714 Freq NA 075178571 Freq NA 828928571 Freq NA 506785714 Freq NA	Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accellaced according to the cordinal accordi	NA	NA NA NA NA NA Magni	NA Mean Mean SD SD SD itude itude	Magn: X Y Z X Y Z Mean SD Mean	itude NA NA	

56	-0.455665300892857							
5	WALKING Freq Body	Accelerome	ter	NA	NA	Mean	X	
56	-0.287782607410714							
5	WALKING Freq Body 946037755178572	Accelerome	ter	NA	NA	Mean	Y	56
5		Accelerome	ter	NA	NA	Mean	7.	
56	-0.490251090714286	110001010110				110411	_	
5	WALKING Freq Body	Accelerome	ter	NA	NA	SD	X	
56	-0.297517355196429	_						
5	WALKING Freq Body 26026830839286	Accelerome	ter	NA	NA	SD	Y	56
5		Accelerome	ter	NA	NA	SD	Z	
56	-0.483059957321429	Accescione	CCI	1471	1471	סט	4	
5	WALKING Freq Body	Accelerome	ter	NA	Magni	tude	Mean	NA
56	-0.304992488892857							
5	<b>-</b> -	Accelerome	ter	NA	Magni	Ltude	SD	NA
56 5	-0.519636926071429	Aggoloromo	tor	Jerk	NT 7\	Moan	v	
5 56	WALKING Freq Body -0.344954806428571	Acceletome	rer	Jerk	NA	Mean	Λ	
5		Accelerome	ter	Jerk	NA	Mean	Y	
56	-0.181055554206071							
5		Accelerome	ter	Jerk	NA	Mean	Z	
56	-0.590496615535714	_ 7		_ ,				
5 56	WALKING Freq Body -0.3213903195	Accelerome	ter	Jerk	NA	SD	X	
5		Accelerome	ter	Jerk	NΑ	SD	Y	
56	-0.0545213604089286	110001010110		00111	1111	22	-	
5	WALKING Freq Body	Accelerome	ter	Jerk	NA	SD	Z	
56	-0.633429995714286							
5		Accelerome	ter	Jerk	Magni	Ltude	Mean	NA
56 5	-0.269481661080357 WALKING Freq Body	Accelerome	tor	Tork	Magni	+1140	GD.	NA
5 56	-0.305685376071429	Acceletome	cer	nerk	Magiii	Luue	עמ	IVA
5	WALKING DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	Mean	X
47	-0.068294569906383		-	-				
5	WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	Mean	Y
47	-0.0707805998787234	m' 272	<b>a</b>				.,	_
5 47	WALKING_DOWNSTAIRS 0.0806559989574468	Time NA	Gyros	scope	NA	NA	Mean	Z
4 / 5	WALKING DOWNSTAIRS	Time NA	Gyros	scope	NΔ	NA	SD	X
47	-0.46064684487234	111110 1411	Gy I O	осорс	1111	1411	DD.	21
5	WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	SD	Y
47	-0.409134149148936							
5	WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	SD	Z
47	-0.227869042382979	mi - 277	<b>G</b> -			3.6		3.6 -
5 N 2	WALKING_DOWNSTAIRS 47 -0.218029835319		Gyros	scope	NA	Magn:	itude	Mean
NA	4/ -0.210029833319	7147						

5	<del>_</del>	rime	NA	Gyroscope	NA	Magni	Ltude	SD
NA 5	<del></del>	rime	NA	Gyroscope	Jerk	NA	Mean	X
47 5	<del>_</del>	Гime	NA	Gyroscope	Jerk	NA	Mean	Y
47 5	-0.0708296588478723 WALKING_DOWNSTAIRS T	Гime	NA	Gyroscope	Jerk	NA	Mean	$\mathbf{z}$
47 5	-0.0399656935617021 WALKING_DOWNSTAIRS	Гime	NA	Gyroscope	Jerk	NA	SD	X
47 5	-0.411302217446809 WALKING DOWNSTAIRS	Гime	NA	Gyroscope	Jerk	NA	SD	Y
47 5	-0.514591487234043 WALKING DOWNSTAIRS	Гime	NA	Gyroscope	Jerk	NA	SD	Z
47	-0.0344217467042553							
5 NA	WALKING_DOWNSTAIRS	Time 33	NA	Gyroscope	Jerk	Magni	Ltude	Mean
5 NA	WALKING_DOWNSTAIRS	Time 126	NA	Gyroscope	Jerk	Magni	tude	SD
5 X		rime	Body	Accelerome	eter	NA	NA	Mean
5	WALKING_DOWNSTAIRS T	Гime	_	Accelerome	eter	NA	NA	Mean
Y 5	WALKING_DOWNSTAIRS 7	rime		Accelerome	eter	NA	NA	Mean
Z 5	<del>_</del>	Гime	Body	Accelerome	eter	NA	NA	SD
X 5	47 0.27504611046808 WALKING_DOWNSTAIRS T		Body	Accelerome	eter	NA	NA	SD
Y 5	47 0.09076307610425 WALKING DOWNSTAIRS T		Rody	Accelerome	a+or	NA	NA	SD
Z	47 -0.3258914353191		ьоцу	Accelerome	CEI	IVA	IVA	שט
5 Magazi	WALKING_DOWNSTAIRS T		_	Accelerome	eter	NA	Magn	itude
mean 5	NA 47 0.211138853 WALKING DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
SD	NA 47 0.205422375		_				5	
5	WALKING_DOWNSTAIRS 7	Гime	Body	Accelerome	eter	Jerk	NA	Mean
X	47 0.10965060045957	74						
5	WALKING_DOWNSTAIRS T		Body	Accelerome	eter	Jerk	NA	Mean
Y	47 0.01376182338085		_	_				
5	WALKING_DOWNSTAIRS T		Body	Accelerome	eter	Jerk	NA	Mean
Z	47 0.02133976644468		D1	7 7		T1-	377	ap.
5 X	WALKING_DOWNSTAIRS		воау	Accelerome	eter	Jerk	NA	SD
5	WALKING DOWNSTAIRS		Body.	Accelerome	tor	Jerk	NT 7A	SD
Y	47 0.04736123147021		вост	Accelerome	ece1	OEIK	IVA	שט
5			Body	Accelerome	eter	Jerk	NΑ	SD
Z	47 -0.5226516378723		u			O O T 11	-1-1	~ ~
5	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magn	itude
	_		_				,	

Mean 5	NA 47 -0.063752 WALKING DOWNSTAIRS			Nago 1	oromo	tor	Tork	Magn	i+udo
SD	NA 47 -0.029257		_	Accel	rerome	erer	Jerk	Magii.	rtude
5	WALKING_DOWNSTAIRS			ity	Accel	Lerome	eter	NA	NA
Mean									
5 Maan	WALKING_DOWNSTAIRS			Lty	Acce]	Lerome	eter	NA	NA
Mean 5	Y 47 -0.0607578 WALKING DOWNSTAIRS			i+v	Accel	Lerome	eter	NA	NA
Mean	<u>—</u>				110001			1111	1121
5	WALKING_DOWNSTAIRS	Time	Gravi	ity	Accel	Lerome	eter	NA	NA
SD	X 47 -0.950490				_				
5 CD	WALKING_DOWNSTAIRS Y 47 -0.9123634			Lty	Acce]	Lerome	eter	NA	NA
SD 5	Y 47 -0.912363 WALKING DOWNSTAIRS			i + v	Acce]	lerome	oter	NA	NA
SD	Z 47 -0.927192			LCy	ACCC	LCI OIII	CCI	11/1	1471
5	WALKING_DOWNSTAIRS	Time	Gravi	ity	Accel	Lerome	eter	NA	
_	itude Mean NA 47								
5	WALKING_DOWNSTAIRS			_		Lerome	eter	NA	
Magn: 5	itude SD NA 47 WALKING DOWNSTAIRS	0.205	042237 NA			NΤΛ	NA	Mean	v
47	-0.295345101425532	rreq	INT	Gyros	scope	IVA	IVA	Mean	Λ
5	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Y
47	-0.382483075106383								
5	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Z
47 5	-0.034175027916383	Frog	NT 7A	Curoc	aana	NT 7\	NT 7\	GD.	v
5 47	WALKING_DOWNSTAIRS -0.51494094106383	rreq	NA	GYLOS	scope	INA	NA	SD	X
5	WALKING DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Y
47	-0.431552775319149	-		-	-				
5	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Z
47	-0.374705187021277	Emo er	NT 70	C		377	Magn	: Ld.a	Moon
5 NA	WALKING_DOWNSTAIRS 47 -0.34933841473	Freq	NA	Gyros	scope	NA	magn:	itude	Mean
5	WALKING DOWNSTAIRS		NA	Gyros	scope	NA	Magn	itude	SD
NA	47 -0.48414127425	_		-	-		,		
5	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA	47 -0.45369724702			_		_ ,			
5 NA	WALKING_DOWNSTAIRS 47 -0.48712842255	_	NA	Gyros	scope	Jerk	Magn	itude	SD
5	WALKING DOWNSTAIRS		Body	Accel	erome	eter	NA	NA	Mean
X	47 0.098432009021	_					-,	-,	
5	WALKING_DOWNSTAIRS	Freq	Body	Accel	Lerome	eter	NA	NA	Mean
Y	47 0.079228069404		_	_					
5	WALKING_DOWNSTAIRS 47 -0.37474008957	_	Body	Acce]	Lerome	eter	NA	NA	Mean
Z 5	47 -0.37474008957 WALKING DOWNSTAIRS		Bodv	Accel	erome	eter	NA	NA	SD
X	47 0.336554724893	_	1			- <b></b>			_

5 Y	WALKING_DOWNSTAIRS Freq Body 47 0.0268269875085106	y Accelerometer	NA	NA	SD
5 Z		y Accelerometer	NA	NA	SD
5	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	Magn	itude
Mean 5	WALKING_DOWNSTAIRS Freq Body	Accelerometer	NA	Magn	itude
SD 5	NA 47 0.0428533623276596 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	NA	Mean
X 5	47 -0.0368012151170213 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	NA	Mean
Y 5	47 -0.0568032957531915 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	NA	Mean
Z 5	47 -0.491979946170213 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	NA	SD
X 5	<del>_</del>	y Accelerometer	Jerk	NA	SD
Y 5	47 0.0901720096791489 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	NA	SD
Z 5	47 -0.551178075319149 WALKING_DOWNSTAIRS Freq Body	y Accelerometer	Jerk	Magn	itude
Mean 5	NA 47 0.0091839426417021 WALKING_DOWNSTAIRS Freq Body		Jerk	Magn	itude
SD 5	NA 47 -0.089735699787234 WALKING_UPSTAIRS Time NA	Gyroscope NA	NA	Mean	X
47 5	0.0395191121489362 WALKING UPSTAIRS Time NA	Gyroscope NA	NA	Mean	Y
47 5	-0.117195551802128 WALKING UPSTAIRS Time NA	Gyroscope NA	NA	Mean	
47 5	0.0424442819489362 WALKING UPSTAIRS Time NA	Gyroscope NA	NA	SD	X
47 5	-0.443342262340426	Gyroscope NA	NA		Y
47 5	-0.440345826382979 WALKING UPSTAIRS Time NA	Gyroscope NA	NA	SD	Z
47	-0.26545133312766				
5 NA	WALKING_UPSTAIRS Time NA 47 -0.235516929306383	Gyroscope NA	_		Mean
5 NA	WALKING_UPSTAIRS Time NA 47 -0.354687870212766	Gyroscope NA	_	itude 	
5 47	WALKING_UPSTAIRS Time NA -0.143029686361702	Gyroscope Jerk		Mean	
5 47	WALKING_UPSTAIRS Time NA -0.0559895777393617	Gyroscope Jerk		Mean	Y
5 47	WALKING_UPSTAIRS Time NA -0.0534895401	Gyroscope Jerk	NA	Mean	Z
5	WALKING_UPSTAIRS Time NA	Gyroscope Jerk	NA	SD	X

```
47
     -0.305245202489362
5
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope Jerk NA
                                                               Y
                                                         SD
47
     -0.631822048297872
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope Jerk NA
                                                         SD
                                                               Z
47
     -0.282154378489362
5
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope Jerk Magnitude Mean
NA
          -0.47348816787234
5
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.557988065531915
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
X
     47
          0.268459469914894
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Y
          -0.0325269755153191
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.107471453914894
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
          -0.0457237779851064
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          0.185022459476596
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.308938978787234
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
          47
               0.0435562021989362
Mean NA
                          Time Body Accelerometer
5
     WALKING UPSTAIRS
                                                    NA
                                                         Magnitude
               -0.136736383765957
SD
     NA
          47
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          0.0795443483829787
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Y
          0.0140130363106383
5
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.025590953282766
     47
5
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Х
          -0.223896564340426
                          Time Body Accelerometer
5
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.125026612744681
5
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Z
          -0.63836903212766
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          47
               -0.247403476914894
5
                          Time Body Accelerometer Jerk Magnitude
     WALKING UPSTAIRS
SD
               -0.310186545957447
     NA
          47
5
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean X
          47
               0.936821834893617
                          Time Gravity
                                         Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                               NA
Mean Y
          47
               -0.265942569148936
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                               NA
               -0.0232035364248936
          47
Mean Z
```

5	WALKING_UPSTAIRS	Time	Grav	ity	Accel	Lerome	eter	NA	NA
SD	X 47 -0.9535799								
5	WALKING_UPSTAIRS			ity	Acce	Lerome	eter	NA	NA
SD	Y 47 -0.9005117				_				
5	WALKING_UPSTAIRS		Gravi	ity	Acce	Lerome	eter	NA	NA
SD	Z 47 -0.9214195		<b>G</b>		<b>3</b>			377	
5 Magna	WALKING_UPSTAIRS			ity 021989		Lerome	eter	NA	
magn. 5	itude Mean NA 47 WALKING UPSTAIRS			ity		loroma	otor	NA	
	itude SD NA 47			1 Ly 383765		rerome	scer	NA	
5 5	WALKING UPSTAIRS			Gyros		NΔ	NA	Mean	x
47	-0.263615096246809	rrcq	1471	dyros	осорс	1171	1471	rican	21
5	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Υ
47	-0.516609046808511	1104	-11-1	0,101	оче	-11-1		110411	-
5	WALKING UPSTAIRS	Freq	NA	Gvros	scope	NA	NA	Mean	Z
47	-0.139801393244681	_		4	_				
5	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	X
47	-0.501685580212766	-		-	-				
5	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Y
47	-0.403486393191489	-		-	-				
5	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	$\mathbf{Z}$
47	-0.380378006808511	_		_	_				
5	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	Mean
NA	47 -0.392564530853	1064							
5	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	SD
NA	47 -0.440445051914	1894							
5	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA	47 -0.571344138723	3404							
5	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	SD
NA	47 -0.57248501978	7234							
5	WALKING_UPSTAIRS	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean
X	47 -0.161485339978	3723							
5	WALKING_UPSTAIRS	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean
Y	47 0.0728903158085								
5	WALKING_UPSTAIRS	-	Body	Acce]	Lerome	eter	NA	NA	Mean
Z	47 -0.457470676808	3511							
5	WALKING_UPSTAIRS	_	_	Acce]	Lerome	eter	NA	NA	SD
X	47 -0.004738196704								
5	WALKING_UPSTAIRS	_	Body	Acce]	Lerome	eter	NA	NA	SD
Y	47 0.1650376311808								
5	WALKING_UPSTAIRS	_	Body	Acce]	Lerome	eter	NA	NA	SD
Z	47 -0.289256659063		_	_					
5	WALKING_UPSTAIRS	_	Body	Acce]	Lerome	eter	NA	Magn	itude
	NA 47 -0.1692615				•				• . •
5 an	WALKING_UPSTAIRS	_	_	Acce]	Lerome	eter	NA	Magn	itude
SD	NA 47 -0.2540919			<b>3</b> - 3			<b>-</b> - 1	377	3.6 -
5	WALKING_UPSTAIRS	rreq	воду	Acce]	Lerome	eter	Jerk	NΑ	Mean

```
Х
     47
          -0.289725470425532
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Υ
     47
          -0.19681792087234
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Z
     47
          -0.606717464680851
5
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk NA
                                                                SD
Х
          -0.22532784293617
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.105311152804255
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
     47
          -0.668825711276596
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          47
                -0.264674938957447
5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                -0.378616675957447
SD
     NA
          47
6
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
57
     -0.0079605026754386
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
57
     -0.107218315054386
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Z
                                                           57
0.179102058245614
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
57
     -0.955378225087719
6
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
57
     -0.943634949473684
6
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     \mathbf{Z}
57
     -0.939141878596491
                          Gyroscope NA
6
     LAYING
                Time NA
                                          Magnitude Mean NA
57
     -0.908980174736842
6
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
57
     -0.920914497017544
6
                          Gyroscope Jerk NA
     LAYING
                Time NA
                                                Mean X
57
     -0.111267284631579
6
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
57
     -0.0424104289992982
6
                Time NA
     LAYING
                          Gyroscope Jerk NA
                                                Mean Z
57
     -0.0717774743859649
6
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
57
     -0.939611608245614
6
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                     Y
                                                SD
57
     -0.958628819649123
6
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     \mathbf{Z}
57
     -0.959579071578947
6
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
                Time NA
57
     -0.955645738245614
6
                          Gyroscope Jerk Magnitude SD
     LAYING
                Time NA
                                                           NA
57
     -0.953157001578947
```

6	LAYING		Body	Accel	erometer	NA	NA	Mean	X	57
	8656520140		<b>-</b> 1							
6 57	LAYING -0.0102529			Accel	erometer	NA	NA	Mean	Y	
6	LAYING			Accel	erometer	NA	NA	Mean	7	
57	-0.133119		_	Accer	erometer	IVA	IVA	Mean	2	
6	LAYING			Accel	erometer	NA	NA	SD	х	
57	-0.934049		_							
6	LAYING	Time	Body	Accel	erometer	NA	NA	SD	Y	
57	-0.924644	826385	965							
6	LAYING		_	Accel	erometer	NA	NA	SD	$\mathbf{Z}$	
57	-0.925216						_			
6	LAYING			Accel	erometer	NA	Magni	tude	Mean	NA
57	-0.918878								<b>a</b> 5	
6	LAYING		_	Accel	erometer	NA	Magni	tude	SD	NA
57 6	-0.897326			7.0001	oromotor	Jerk	NT 70	Mean	v	57
	LAYING 6348195526		ьоцу	Accei	erometer	nerk	NA	Mean	Λ	57
6	LAYING		Body	Accel	erometer	Jerk	NΑ	Mean	Y	
	-0.001145				CIOMCCCI	OCIN	1121	nean	-	
6	LAYING				erometer	Jerk	NA	Mean	Z	57
0.003	3288172880		2							
6	LAYING	Time	Body	Accel	erometer	Jerk	NA	SD	X	
57	-0.966341	054736	842							
6	LAYING		_	Accel	erometer	Jerk	NA	SD	Y	
57	-0.933674									
6	LAYING		_	Accel	erometer	Jerk	NA	SD	$\mathbf{Z}$	
57	-0.959646			<b>3 3</b>		T1-	36		34	373
6	LAYING		_	Accei	erometer	Jerk	Magni	tuae	Mean	NA
57 6	-0.9547509 LAYING			Accel	erometer	Jork	Magni	+ude	g D	NA
57	-0.950341		_	Accer	erometer	OGIK	Magiii	cude	שט	IVA
6	LAYING			tv	Acceleron	eter	NA	NA	Mean	Х
57	-0.476709			- 1						
6	LAYING	Time	Gravi	ty	Acceleron	eter	NA	NA	Mean	Y
57	0.9565938	142105	26	_						
6	LAYING	Time	Gravi	ty	Acceleron	eter	NA	NA	Mean	Z
57	0.1758677	090210	53							
6	LAYING	Time		ty	Acceleron	eter	NA	NA	SD	X
57	-0.8877463				_					
6	LAYING	Time		ty	Acceleron	eter	NA	NA	SD	Y
57	-0.9591619			L	7 7		377	377	an	
6 57	LAYING -0.928130			тy	Accelerom	eter	NA	NA	SD	Z
5 / 6	-0.928130 LAYING	/38421 Time		+ 37	Accelerom	atar	NA	Magn	itude	Mean
NA	57 <b>-0.9</b>			-	VCCETEIOII	ICCET	IAV	rayii	Lcuue	nean
6	LAYING	Time			Accelerom	eter	NA	Magni	itude	SD
J	T111 T110	1 11110	SIGVI	- <u>- y</u>	11000101011	CCL	7477	1149111	Loude	55

```
NA
     57
          -0.897326245964912
6
     LAYING
                          Gyroscope NA
                                          NA
                                                Mean X
               Freq NA
57
     -0.935439769649123
6
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
57
     -0.941771544385965
6
                          Gyroscope NA
                                                Mean Z
     LAYING
               Freq NA
                                          NA
57
     -0.932636612807018
6
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
57
     -0.962164978596491
6
     LAYING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
               Freq NA
57
     -0.945365097894737
6
     LAYING
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
               Freq NA
57
     -0.947136774385965
6
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
57
     -0.930153639473684
6
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
57
     -0.928694890175439
6
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
57
     -0.953695957368421
6
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
57
     -0.955504654561404
6
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
57
     -0.939114254210526
               Freq Body Accelerometer
6
     LAYING
                                          NA
                                                NA
                                                     Mean Y
57
     -0.923706791403509
6
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
57
     -0.938044912280702
6
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
57
     -0.932462941461404
6
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Y
57
     -0.929711219929825
6
               Freq Body Accelerometer
     LAYING
                                          NA
                                                NA
                                                     SD
                                                          Z
57
     -0.924004748421053
               Freq Body Accelerometer
6
     LAYING
                                          NA
                                                Magnitude Mean NA
57
     -0.91235165222807
6
               Freq Body Accelerometer
                                                Magnitude SD
     LAYING
                                          NA
                                                                NA
57
     -0.905373979824561
6
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
57
     -0.967072436842105
                                          Jerk NA
6
               Freq Body Accelerometer
                                                     Mean Y
     LAYING
57
     -0.936043420175439
6
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
57
     -0.954425844736842
               Freq Body Accelerometer
6
     LAYING
                                          Jerk NA
                                                     SD
                                                          Х
57
     -0.968619159473684
6
               Freq Body Accelerometer
                                                     SD
                                                          Y
     LAYING
                                          Jerk NA
57
     -0.935717452807018
```

6 57	LAYING -0.963567		Accelerom	Jerk	NA	SD	Z		
6 57	LAYING -0.948655	Freq Body	Accelerom	eter	Jerk	Magn	itude	Mean	NA
6			, Accelerom	Accelerometer 3			itude	SD	NA
57	-0.951552		necescion	CCCI	OCIK	nagii	Leade	DD	1421
6		Time NA	Gyroscope	NA	NA	Mean	X		
55	-0.0372442	2282830909							
6	SITTING	Time NA	Gyroscope	NA	NA	Mean	Y		
55	-0.089908	3302550909	)						
6	SITTING	Time NA	Gyroscope	NA	NA	Mean	Z	55	
0.085	5434600618								
6	SITTING		Gyroscope	NA	NA	SD	X		
55	-0.957367								
6	SITTING		Gyroscope	NA	NA	SD	Y		
55	-0.944130		_						
6	SITTING	Time NA	Gyroscope	NA	NA	SD	Z		
55	-0.9396813			373	36		36	373	
6 55	SITTING -0.932703		Gyroscope	NA	magn.	itude	Mean	NA	
6	SITTING	Time NA	Gyroscope	NT 7\	Magn	itude	GD.	NA	
55	-0.921259		Gyroscope	IVA	Magii.	rcude	עט	IVA	
6	SITTING		Gyroscope	Jerk	NZ	Mean	x		
55	-0.0936693			UCIK	1471	rican	Λ		
6	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
55	-0.033398								
6	SITTING		Gyroscope	Jerk	NA	Mean	Z		
55	-0.046550	4310978182							
6	SITTING	Time NA	Gyroscope	Jerk	NA	SD	X		
55	-0.9437148	804727273							
6	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Y		
55	-0.961780	726363636							
6	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Z		
55	-0.958787								
6	SITTING	Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
55	-0.9629292			_		_			
6	SITTING		Gyroscope	Jerk	Magn:	itude	SD	NA	
55	-0.950150								
6	SITTING	_	Accelerom	eter	NA	NA	Mean	Х	55
	5778487454		. Aggolorom	0+02	3.7.73	NT 7N	Moon	v	
6 55	SITTING -0.014591	-	Accelerom	eter	NA	NA	Mean	Y	
6	SITTING		, Accelerom	otor	NA	NA	Mean	7	
55	-0.110127		Acceleiom	ecer	IVA	IVA	Mean	Zi	
6	SITTING		Accelerom	eter	NA	NA	SD	Х	
55	-0.9801649	_	11000101011		1111	-11-1		23	
6	SITTING		Accelerom	eter	NA	NA	SD	Y	
		1	<b></b>	· —	- <del>-</del>				

55	-0.923682131090909						
6		Accelerometer	NA	NA	SD	Z	
55	-0.925797097090909						
6	SITTING Time Body	Accelerometer	NA	Magn	itude	Mean	NA
55	-0.949543531272727						
6	<del>-</del>	Accelerometer	NA	Magn	itude	SD	NA
55 6	-0.931572655636364 SITTING Time Body	Aggoloromotor	Jerk	NT 7\	Moan	v	55
	54721635223636	Accelerometer	nerk	IVA	Mean	Λ	33
6		Accelerometer	Jerk	NA	Mean	Y	55
2.556	549800000023e-06						
6	SITTING Time Body	Accelerometer	Jerk	NA	Mean	$\mathbf{Z}$	55
	523727782090909						
6		Accelerometer	Jerk	NA	SD	X	
55 6	-0.969929476363636	Aggoloromotor	Tords	NT 70	CD	37	
6 55	SITTING Time Body -0.945143686181818	Accelerometer	Jerk	NA	SD	Y	
6		Accelerometer	Jerk	NA	SD	Z	
55	-0.958572952545454			-,		_	
6	SITTING Time Body	Accelerometer	Jerk	Magn	itude	Mean	NA
55	-0.962733502						
6	<del>-</del>	Accelerometer	Jerk	Magn	itude	SD	NA
55	-0.948181827818182					36	**
6 55	SITTING Time Gravi 0.933692934909091	ity Accelerome	eter	NA	NA	Mean	Х
6		ity Accelerome	eter	NA	NA	Mean	v
55	0.0682628663363636	rey necesteronic	CCI	1411	1411	neun	•
6		ity Accelerome	eter	NA	NA	Mean	Z
55	0.0695219657167273						
6		ity Accelerome	eter	NA	NA	SD	X
55	-0.988872369272727					<b>a n</b>	
6 55	SITTING Time Gravit -0.960875994727273	ity Accelerome	eter	NA	NA	SD	Y
6	SITTING Time Gravi	ity Accelerome	eter	NA	NA	SD	Z
55	-0.955475832363636	roj nocerción		1111	1111	DD	_
6	SITTING Time Gravi	ity Accelerome	eter	NA	Magn	itude	Mean
NA	55 -0.949543531272	2727					
6	SITTING Time Gravi	•	eter	NA	Magn	itude	SD
NA	55 -0.931572655636						
6	SITTING Freq NA -0.939671400545455	Gyroscope NA	NA	Mean	Х		
55 6	SITTING Freq NA	Gyroscope NA	NA	Mean	v		
55	-0.943857393090909	dyroscope Mi	1421	ricuii	1		
6	SITTING Freq NA	Gyroscope NA	NA	Mean	Z		
55	-0.934764895454545						
6	SITTING Freq NA	Gyroscope NA	NA	SD	X		
55	-0.963407046545455						

```
6
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
55
     -0.944901470363636
                          Gyroscope NA
6
                                          NA
                                               SD
                                                    7.
     SITTING
               Freq NA
55
     -0.947326797818182
                                          Magnitude Mean NA
6
     SITTING
               Freq NA
                          Gyroscope NA
55
     -0.929725679272727
6
     SITTING
                          Gyroscope NA
                                         Magnitude SD
               Freq NA
                                                         NA
55
     -0.929549141636364
6
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
               Freq NA
55
     -0.952034566
6
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
55
     -0.951196693454545
6
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
55
     -0.975351454727273
6
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
55
     -0.928264365454545
6
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
55
     -0.935798115272727
6
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                         Х
55
     -0.982451284727273
6
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                          Y
                                          NA
55
     -0.925676956
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                          Z
6
     SITTING
                                          NA
55
     -0.925768475636364
                                               Magnitude Mean NA
6
     SITTING
               Freq Body Accelerometer
                                          NA
55
     -0.935750391272727
               Freq Body Accelerometer
                                               Magnitude SD
     SITTING
                                          NA
                                                               NA
55
     -0.939547202909091
                                          Jerk NA
6
     SITTING
               Freq Body Accelerometer
                                                    Mean X
     -0.971037479818182
55
6
               Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                    Mean Y
55
     -0.947070821272727
6
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
55
     -0.954199785636364
6
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
55
     -0.971488767454545
               Freq Body Accelerometer
                                                          Y
6
     SITTING
                                          Jerk NA
                                                    SD
55
     -0.946880042
6
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
55
     -0.961636555090909
6
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
55
     -0.948348653636364
6
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
55
     -0.947304700363636
     STANDING
6
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
57
     -0.028251913022807
6
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
```

57	-0.0589823639438597							
6	STANDING Time NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$	57	
0.076	67394745964912							
6	STANDING Time NA	Gyroscope	NA	NA	SD	X		
57	-0.947561298596491							
6	STANDING Time NA	Gyroscope	NA	NA	SD	Y		
57	-0.94248658631579							
6	STANDING Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
57	-0.947782155964912							
6	STANDING Time NA	Gyroscope	NA	Magni	itude	Mean	NA	
57	-0.939404744385965							
6	STANDING Time NA	Gyroscope	NA	Magni	itude	SD	NA	
57	-0.915891572982456		_					
6	STANDING Time NA	Gyroscope	Jerk	NA	Mean	X		
57	-0.103292534210526	_	_					
6	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Y		
57	-0.0428828304736842		- 1			_		
6	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Z		
57	-0.0506432189438596	<b>G</b>	T1-	373	an	**		
6	STANDING Time NA	Gyroscope	Jerk	NA	SD	X		
57	-0.946423593157895	<b>G</b>	T1-	373	an	**		
6	STANDING Time NA	Gyroscope	Jerk	NA	SD	Y		
57	-0.962422163684211	<b>a</b>	- 1		<b>a</b> 5	_		
6	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
57	-0.962758177192982		_ ,					
6	STANDING Time NA	Gyroscope	Jerk	Magn	Ltude	Mean	NA	
57	-0.963406222982456	_	_					
6	STANDING Time NA	Gyroscope	Jerk	Magni	Ltude	SD	NA	
57	-0.952536233859649	_						
6	<del>-</del>	Accelerome	eter	NA	NA	Mean	X	57
	0346248596491	_						
6		Accelerome	eter	NA	NA	Mean	Y	
	-0.0181236327175439							
6	<del>-</del>	Accelerome	eter	NA	NA	Mean	Z	
57	-0.112172831947368							
6	<b>-</b>	Accelerome	eter	NA	NA	SD	X	
57	-0.981758159649123							
6	STANDING Time Body	Accelerome	eter	NA	NA	SD	Y	
57	-0.921493191754386							
6	STANDING Time Body	Accelerome	eter	NA	NA	SD	Z	
57	-0.925692371929825							
6	STANDING Time Body	Accelerome	eter	NA	Magn	itude	Mean	NA
57	-0.945022876491228							
6	STANDING Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
57	-0.939310249649123							
6	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	X	57
0.073	30699604561404							

6	STANDING Time Body 871883993421053	Acce:	lerome	eter	Jerk	NA	Mean	Y	57
6 57	STANDING Time Body		lerome	eter	Jerk	NA	Mean	Z	
6 57	STANDING Time Body		lerome	eter	Jerk	NA	SD	X	
6 57	STANDING Time Body -0.949362277017544	Acce:	lerome	eter	Jerk	NA	SD	Y	
6 57	STANDING Time Body -0.967547241754386	Acce:	lerome	eter	Jerk	NA	SD	Z	
6 57	STANDING Time Body	Acce:	lerome	eter	Jerk	Magni	tude	Mean	NA
6 57	STANDING Time Body -0.956099145964912	Acce:	lerome	eter	Jerk	Magni	tude	SD	NA
6 57	STANDING Time Grav 0.945139003859649	rity	Acce]	Lerome	eter	NA	NA	Mean	X
6 57	STANDING Time Grav -0.230251036140351	rity	Accel	Lerome	eter	NA	NA	Mean	Y
6 57	STANDING Time Grav 0.0139193473596491	rity	Accel	Lerome	eter	NA	NA	Mean	Z
6 57	STANDING Time Grav -0.985583066842105	vity	Acce]	Lerome	eter	NA	NA	SD	X
6	STANDING Time Grav	rity	Acce]	Lerome	eter	NA	NA	SD	Y
57	-0.96844910122807								
6 57	STANDING Time Grav -0.942795062280702	_	Accel			NA	NA	SD	Z
6 57 6 NA	STANDING Time Grave -0.942795062280702 STANDING Time Grave 57 -0.94502287649	rity 01228	Accel	Lerome	eter	NA	Magni	tude	Mean
6 57 6 NA 6 NA	STANDING Time Graves of the control	vity 01228 vity 19123	Accel	Lerome	eter eter	NA NA	Magni Magni		Mean
6 57 6 NA 6 NA 6	STANDING Time Grave -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965	vity 01228 vity 19123 Gyros	Accel Accel	Lerome Lerome	eter eter NA	NA NA Mean	Magni Magni X	tude	Mean
6 57 6 NA 6 NA 6 57 6	STANDING Time Grave -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351	vity 01228 vity 19123 Gyros Gyros	Accel Accel scope scope	Lerome Lerome NA NA	eter eter NA NA	NA NA Mean Mean	Magni Magni X Y	tude	Mean
6 57 6 NA 6 NA 6 57 6 57	STANDING Time Graves -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263	rity 01228 rity 19123 Gyros Gyros	Accel Accel scope scope scope	Lerome NA NA NA	eter NA NA NA	NA NA Mean Mean Mean	Magni Magni X Y Z	tude	Mean
6 57 6 NA 6 NA 6 57 6 57 6 57	STANDING Time Graves -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263 STANDING Freq NA -0.943239602105263	rity 71228 7149 19123 Gyros Gyros Gyros	Accel Accel scope scope scope scope	Lerome NA NA NA	eter NA NA NA	NA NA Mean Mean Mean SD	Magni Magni X Y Z	tude	Mean
6 57 6 NA 6 NA 6 57 6 57 6 57 6	STANDING Time Graves -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158	rity 01228 rity 19123 Gyros Gyros Gyros	Accel Accel scope scope scope scope	Lerome NA NA NA NA	eter eter NA NA NA NA	NA NA Mean Mean SD SD	Magni Magni X Y Z X	tude	Mean
6 57 6 NA 6 NA 6 57 6 57 6 57 6 57	STANDING Time Graves -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158	rity 01228 7ity 19123 Gyros Gyros Gyros Gyros	Accel Accel Scope Scope Scope Scope Scope	Lerome NA NA NA NA NA	eter NA NA NA NA NA NA	NA NA Mean Mean SD SD SD	Magni Magni X Y Z X Y	tude tude	Mean
6 57 6 NA 6 NA 6 57 6 57 6 57 6 57 6 57	STANDING Time Grave -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.942539174210526 STANDING Freq NA -0.942539174210526 STANDING Freq NA -0.95445570245614 STANDING Freq NA -0.926664297017544	Gyros Gyros Gyros Gyros Gyros	Accel Accel Scope Scope Scope Scope Scope Scope	Lerome NA NA NA NA NA NA NA	eter NA NA NA NA NA NA NA NA	NA NA Mean Mean SD SD SD	Magni Magni X Y Z X Y Z Mean	tude tude	Mean
6 57 6 NA 6 NA 6 57 6 57 6 57 6 57 6	STANDING Time Grave -0.942795062280702 STANDING Time Grave 57 -0.94502287649 STANDING Time Grave 57 -0.93931024964 STANDING Freq NA -0.931612384385965 STANDING Freq NA -0.943273146140351 STANDING Freq NA -0.943239602105263 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.952817395263158 STANDING Freq NA -0.942539174210526 STANDING Freq NA -0.95445570245614 STANDING Freq NA	Gyros Gyros Gyros Gyros Gyros Gyros	Accel Accel Scope Scope Scope Scope Scope	Lerome NA NA NA NA NA NA NA	eter NA NA NA NA NA NA NA NA Magni	NA NA Mean Mean SD SD SD Ltude	Magni Magni X Y Z X Y Z Mean SD	tude tude NA	Mean

57	-0.955425138245614						
6	STANDING Freq NA	Gyroscope Jerk	Magni	tude	SD	NA	
57 6	-0.952088499473684 STANDING Freq Body	Accelerometer	NA	NA	Mean	v	
57	-0.977100287368421	Acceleiometei	NA	IVA	Mean	Λ	
6	STANDING Freq Body	Accelerometer	NA	NA	Mean	Y	
57	-0.930336471754386					_	
6 57	STANDING Freq Body -0.942864017017544	Accelerometer	NA	NA	Mean	Z	
6	STANDING Freq Body	Accelerometer	NA	NA	SD	X	
57	-0.984067374035088						
6	STANDING Freq Body	Accelerometer	NA	NA	SD	Y	
57 6	-0.921449111052632	Aggoloromotor	NT 7A	NT 7\	SD	Z	
57	STANDING Freq Body -0.922067224210526	Acceletometer	NA	NA	עפ	4	
6	STANDING Freq Body	Accelerometer	NA	Magni	itude	Mean	NA
57	-0.945949804035088						
6	STANDING Freq Body -0.94456410754386	Accelerometer	NA	Magni	Ltude	SD	NA
57 6	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	X	
57	-0.97348053877193		00111		110411		
6	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	Y	
57	-0.951405464912281	3 1	T1-	373	26		
6 57	STANDING Freq Body -0.963743518070175	Accelerometer	Jerk	NA	Mean	Z	
6	STANDING Freq Body	Accelerometer	Jerk	NA	SD	X	
57	-0.975235677719298						
6	STANDING Freq Body	Accelerometer	Jerk	NA	SD	Y	
57 6	-0.950681450350877 STANDING Freq Body	Accelerometer	Jerk	NΙΔ	SD	Z	
57	-0.969895845789474	Acceletometet	OCIK	INT	סט	4	
6	STANDING Freq Body	Accelerometer	Jerk	Magni	itude	Mean	NA
57	-0.955914005438597						
6 57	STANDING Freq Body -0.95538157877193	Accelerometer	Jerk	Magni	Ltude	SD	NA
6	WALKING Time NA	Gyroscope NA	NA	Mean	Х		
57	-0.025509618645614	1 1					
6	WALKING Time NA	Gyroscope NA	NA	Mean	Y		
57 6	-0.0744462466 WALKING Time NA	Gyroscope NA	NA	Mean	7	57	
	88808799280702	Gyloscope NA	IVA	Mean	4	37	
6	WALKING Time NA	Gyroscope NA	NA	SD	X		
57	-0.446020952631579						
6	WALKING Time NA	Gyroscope NA	NA	SD	Y		
57 6	-0.331702267894737 WALKING Time NA	Gyroscope NA	NA	SD	Z		
57	-0.383139334736842	-1			_		

6 57	WALKING -0.281207	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
6	WALKING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
57 6	-0.365602	Time NA	Gyroscope	Jerk	NA	Mean	X		
57 6	-0.087889 WALKING	1090105263 Time NA	Gyroscope	Jerk	NA	Mean	Y		
57 6	-0.036230 WALKING	8971842105 Time NA	Gyroscope	Jerk	NA	Mean	Z		
57 6		7284210526 Time NA				SD	X		
57	-0.182600	93354386							
6 57	WALKING -0.416390		Gyroscope	Jerk	NA	SD	Y		
6 57	WALKING -0.166684		Gyroscope	Jerk	NA	SD	Z		
6	WALKING	Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
57 6	-0.321290 WALKING	Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
57 6	-0.364708		Accelerome	eter	NA	NA	Mean	X	57
	3658868070		_						
6 57	WALKING -0.016895	Time Body 4189082456	Accelerome	eter	NA	NA	Mean	Y	
6	WALKING		Accelerome	eter	NA	NA	Mean	Z	
57	-0.110303								
6	WALKING	_	Accelerome	eter	NA	NA	SD	X	
57 6	-0.296538 WALKING		Accelerome	otor	NA	NA	SD	Y	57
	4213884996	-	Acceleronic	ecer	IVA	IVA	שט	1	37
6	WALKING		Accelerome	eter	NA	NA	SD	Z	
57	-0.504324	_							
6		_	Accelerome	eter	NA	Magn	itude	Mean	NA
57	-0.166840				377	36		a D	377
6 57	WALKING -0.266734	-	Accelerome	eter	NA	magn:	itude	รบ	NA
6			Accelerome	eter	Jerk	NA	Mean	X	57
	9958587691	_							
6	WALKING	Time Body	Accelerome	eter	Jerk	NA	Mean	Y	
57		1715964912							
6 57	WALKING	Time Body 3120070175	Accelerome	eter	Jerk	NA	Mean	Z	
6	WALKING		Accelerome	eter	Jerk	NΑ	SD	Х	
57	-0.132784°	_	11000101011		SCIN	1111	22	21	
6	WALKING		Accelerome	eter	Jerk	NA	SD	Y	57
	8088973736								
6	WALKING	Time Body	Accelerome	eter	Jerk	NA	SD	Z	

```
57
     -0.575777466491228
6
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
57
     -0.195117026052632
6
     WALKING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
57
     -0.0706029648421053
6
                Time Gravity
                                Accelerometer
     WALKING
                                                NA
                                                     NA
                                                          Mean X
57
     0.958067455087719
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
57
     -0.214694852280702
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
57
     0.0331888826842105
6
     WALKING
                Time Gravity
                                Accelerometer
                                                     NA
                                                           SD
                                                                Х
                                                NA
57
     -0.977779896491228
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
57
     -0.964248568070175
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                \mathbf{Z}
57
     -0.957205025789474
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     57
          -0.166840713631579
6
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
     57
          -0.266734167368421
NA
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
57
     -0.239650710533333
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
57
     -0.341378429473684
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
57
     -0.203575458733333
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
57
     -0.515323854385965
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Υ
57
     -0.332008706842105
6
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     7.
57
     -0.512209233508772
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
57
     -0.329681123368421
6
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
57
     -0.510648322631579
6
     WALKING
                          Gyroscope Jerk Magnitude Mean NA
                Freq NA
57
     -0.366500534122807
6
                          Gyroscope Jerk Magnitude SD
     WALKING
                Freq NA
                                                          NA
57
     -0.408078906482456
6
     WALKING
                Freq Body Accelerometer
                                                NA
                                                     Mean X
                                          NA
57
     -0.187934323140351
                                                     Mean Y
                Freq Body Accelerometer
                                                                57
     WALKING
                                          NA
                                                NA
0.140781621991228
6
                Freq Body Accelerometer
     WALKING
                                          NA
                                                NA
                                                     Mean Z
57
     -0.498520164385965
```

6 57	WALKING Freq Body -0.34522769	Acceler	cometer	NA	NA	SD	X	
6	WALKING Freq Body	Accelei	cometer	NA	NA	SD	Y	57
6	1699642168947 WALKING Freq Body	Accelei	cometer	NA	NA	SD	Z	
57 6	-0.550474621754386 WALKING Freq Body	Acceler	cometer	NA	Magni	itude	Mean	NA
57 6	-0.201386607649123 WALKING Freq Body	Accelei	cometer	NA	Magni	itude	SD	NA
57 6	-0.421683093508772 WALKING Freq Body	Acceler	cometer	Jerk	NA	Mean	X	
57 6	-0.150942917824561 WALKING Freq Body			Jerk		Mean		
57 6	-0.0753742321614035 WALKING Freq Body			Jerk		Mean		
57	-0.541438616140351							
6 57	WALKING Freq Body -0.19269469414386			Jerk		SD	X	
6 0.03	WALKING Freq Body 14450678263158	Accele	cometer	Jerk	NA	SD	Y	57
6 57	WALKING Freq Body -0.608624354210526	Accelei	cometer	Jerk	NA	SD	Z	
6 57	WALKING Freq Body -0.055401423331579	Accelei	rometer	Jerk	Magni	itude	Mean	NA
6 57	WALKING Freq Body -0.0964999702982456		cometer	Jerk	Magni	itude	SD	NA
			A Gyros		37.7	NT 70		Y
6	WALKING_DOWNSTAIRS	Time NA	1 0/100	scope	NA	NA	Mean	21
48 6	-0.0960837437708333 WALKING_DOWNSTAIRS	Time NA	_	scope		NA	Mean	
48	-0.0960837437708333	Time NA	- A Gyros	_	NA			Y
48 6 48	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167	Time NA	- A Gyros	scope	NA NA	NA	Mean Mean	Y
48 6 48 6 48	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125	Time NA	Gyros A Gyros A Gyros	scope scope scope	NA NA NA	NA NA NA	Mean Mean SD	Y Z X
48 6 48 6 48 6 48	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957	Time NATime NATime NATime NA	A Gyros A Gyros A Gyros	scope scope scope	NA NA NA	NA NA NA	Mean Mean SD SD	Y Z X Y
48 6 48 6 48 6 48 6 48	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957 WALKING_DOWNSTAIRS -0.0940797929729167	Time NATIME NATI	A Gyros A Gyros A Gyros A Gyros	scope scope scope scope	NA NA NA NA	NA NA NA NA	Mean Mean SD SD SD	Y Z X Y
48 6 48 6 48 6 48 6 48 6 48 6 NA	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957 WALKING_DOWNSTAIRS -0.0940797929729167 WALKING_DOWNSTAIRS 48 0.014267782159	Time NATIME NATI	A Gyros A Gyros A Gyros A Gyros A Gyros	scope scope scope scope scope	NA NA NA NA	NA NA NA NA NA	Mean Mean SD SD SD	Y Z X Y Z Mean
48 6 48 6 48 6 48 6 48 6	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957 WALKING_DOWNSTAIRS -0.0940797929729167 WALKING_DOWNSTAIRS	Time NATIME NATI	A Gyros A Gyros A Gyros A Gyros A Gyros	scope scope scope scope	NA NA NA NA	NA NA NA NA NA	Mean Mean SD SD SD	Y Z X Y Z Mean
48 6 48 6 48 6 48 6 48 6 NA 6	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957 WALKING_DOWNSTAIRS -0.0940797929729167 WALKING_DOWNSTAIRS 48 0.014267782159 WALKING_DOWNSTAIRS	Time NATIME NATI	A Gyros	scope scope scope scope scope	NA NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean SD
48 6 48 6 48 6 48 6 48 6 NA 6 NA	-0.0960837437708333 WALKING_DOWNSTAIRS -0.0341782208604167 WALKING_DOWNSTAIRS 0.0870012595210417 WALKING_DOWNSTAIRS -0.19830385328125 WALKING_DOWNSTAIRS -0.18922957 WALKING_DOWNSTAIRS -0.0940797929729167 WALKING_DOWNSTAIRS 48 0.014267782159 WALKING_DOWNSTAIRS 48 0.014267767509 WALKING_DOWNSTAIRS 48 -0.04262767509	Time NATIME NATI	A Gyros	scope scope scope scope scope scope	NA NA NA NA NA NA NA NA	NA NA NA Magn:	Mean Mean SD SD SD itude	Y Z X Y Z Mean SD X

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48
     -0.0372228650416667
6
     WALKING DOWNSTAIRS
                          Time NA
                                    Gyroscope Jerk NA
                                                         SD
                                                               Х
48
     0.0393387960854167
     WALKING DOWNSTAIRS
                          Time NA
                                    Gyroscope Jerk NA
                                                         SD
                                                               Y
48
     -0.193508405479167
6
     WALKING DOWNSTAIRS
                          Time NA
                                    Gyroscope Jerk NA
                                                               Z
                                                         SD
48
     0.193206498960417
                                    Gyroscope Jerk Magnitude Mean
6
     WALKING DOWNSTAIRS
                          Time NA
          -0.0829366854166667
NA
6
     WALKING DOWNSTAIRS
                          Time NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.111228416159583
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Х
          0.277045258145833
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
          -0.019536840063125
Y
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.107209356208333
     WALKING DOWNSTAIRS
6
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
          0.383681639791667
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          0.360164958768542
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.320204232520417
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
                0.333754731458333
Mean NA
          48
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
                0.373611914166667
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
          0.103681343708333
Х
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          0.00987685807166667
     48
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.00932470617291667
                          Time Body Accelerometer
6
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                               SD
          0.165271070858333
Х
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          0.276544029529167
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.336817322270833
6
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
                0.10384507225
Mean NA
          48
                         Time Body Accelerometer
6
     WALKING DOWNSTAIRS
                                                    Jerk Magnitude
SD
          48
                0.209502174375
                          Time Gravity
                                          Accelerometer
     WALKING DOWNSTAIRS
                                                         NA
                                                               NA
Mean X
          48
                0.928531455208333
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
               -0.214046334375
          48
Mean Y
```

6	WALKING_DOWNSTAIRS			-	ccel	erome	eter	NA	NA
Mean 6	Z 48 -0.0030798 WALKING DOWNSTAIRS				aao 1	.erome	tor	NA	NA
SD	X 48 -0.9544062		GLavi	LLY A	cceı	erome	scer	IVA	NA
6	WALKING DOWNSTAIRS		Gravi	Lty A	ccel	.erome	eter	NA	NA
SD	Y 48 -0.9335776			-					
6	WALKING_DOWNSTAIRS		Gravi	Lty A	ccel	erome	eter	NA	NA
SD	Z 48 -0.9343787				_				
6	WALKING_DOWNSTAIRS			Lty A		erome.	eter	NA	
Magn.	itude Mean NA 48 WALKING DOWNSTAIRS			3145833 Lty A		oroma	stor	NA	
	itude SD NA 48			LLY A L416666		erome	erer	NA	
мауп. 6	WALKING DOWNSTAIRS			Gyrosc		NΑ	NA	Mean	x
48	0.0633716052854167	rreq	1421	GYLOBC	opc	1421	1171	iicuii	21
6	WALKING DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	NA	Mean	Y
48	-0.130327465789583	_		2	_		-		
6	WALKING DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	NA	Mean	$\mathbf{Z}$
48	0.15284524938125			_	_				
6	WALKING_DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	NA	SD	X
48	-0.286724914610417								
6	WALKING_DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	NA	SD	Y
48	-0.235470976166667								
6	WALKING_DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	NA	SD	$\mathbf{Z}$
48	-0.275667262770833	_		<b>a</b>					
6	WALKING_DOWNSTAIRS	Freq	NA	Gyrosc	ope	NA	Magn	itude	Mean
NA 6	48 -0.0143735434	Frog	NT 7N	Curoaa	ono	NT 70	Magn	+11do	CD
NA	WALKING_DOWNSTAIRS 48 -0.242353857320	Freq	IVA	Gyrosc	ope	NA	Magii	itude	עמ
6	WALKING DOWNSTAIRS		NΔ	Gyrosc	one	Jerk	Magni	i + 11de	Mean
NA	48 <b>-0.</b> 132705384364	_	1421	GYLOBC	орс	OCIN	nagni	Leade	nean
6	WALKING DOWNSTAIRS		NA	Gyrosc	ope	Jerk	Magni	itude	SD
NA	48 -0.145733545496	_		4	-		,		
6	WALKING_DOWNSTAIRS	Freq	Body	Accele	rome	eter	NA	NA	Mean
X	48 0.3283085060416	667							
6	WALKING_DOWNSTAIRS	Freq	Body	Accele	rome	eter	NA	NA	Mean
Y	48 0.3397711738229								
6	WALKING_DOWNSTAIRS	_	Body	Accele	rome	eter	NA	NA	Mean
Z	48 -0.277602590916								
6	WALKING_DOWNSTAIRS	_	Body	Accele	rome	eter	NA	NA	SD
X	48 0.4033697666666		Dode	700070		+	3.7.73	NT 70	CD.
6 Y	WALKING_DOWNSTAIRS 48 0.283247837625	rreq	воау	Accele	T OILIE	ecer	NA	NA	SD
	40 0.20324/03/023								
	WALKING DOWNSTATES	Fred	Body	Accele	rome	ter	NΙΔ	NΙΔ	SD
6	WALKING_DOWNSTAIRS	Freq	Body	Accele	rome	eter	NA	NA	SD
	48 -0.4060143105	_	_						
6 Z	48 -0.4060143105 WALKING_DOWNSTAIRS	Freq	Body	Accele Accele			NA NA		SD itude
6 Z 6	48 -0.4060143105 WALKING_DOWNSTAIRS	Freq 345833	Body		rome	eter		Magn	

SD	NA 48 0.1446227570625			
6		ly Accelerometer	Jerk NA	Mean
X	48 0.136554991314583	_		
6	<del>_</del>	ly Accelerometer	Jerk NA	Mean
Y	48 0.1372024523		_ ,	
6	<del>_</del>	ly Accelerometer	Jerk NA	Mean
Z 6		ly Accelerometer	Jerk NA	SD
X	48 0.0886515099394167	ly Accelerometer	OEIK NA	SD
6		ly Accelerometer	Jerk NA	SD
Y	48 0.341242392604167	_		
6	<del>-</del>	ly Accelerometer	Jerk NA	SD
Z	48 -0.389057047125			• . •
6 Maan	<del>_</del>	ly Accelerometer	Jerk Magn	ıtude
Mean 6		ly Accelerometer	Jerk Magn	i + 11de
SD	NA 48 0.15480886140625	ly Accelerometer	Derk Magn	rcude
6	WALKING UPSTAIRS Time NA	Gyroscope NA	NA Mean	Х
51	-0.0767406825588235			
6	WALKING_UPSTAIRS Time NA	Gyroscope NA	NA Mean	Y
51	-0.0518981989072549			
6	WALKING_UPSTAIRS Time NA	Gyroscope NA	NA Mean	Z
51	0.0664234025976471	Curagana NA	MA CD	V
6 51	WALKING_UPSTAIRS Time NA -0.321973723647059	Gyroscope NA	NA SD	X
6	WALKING UPSTAIRS Time NA	Gyroscope NA	NA SD	Y
51	-0.315799901607843	director in	1,11 22	-
6	WALKING_UPSTAIRS Time NA	Gyroscope NA	NA SD	Z
51	-0.18390018167451			
6	WALKING_UPSTAIRS Time NA	Gyroscope NA	Magnitude	Mean
NA	51 -0.12912124415098	G N7	Ma ! 1 3	a D
6 NA	WALKING_UPSTAIRS Time NA 51 -0.199893710196078	Gyroscope NA	Magnitude	SD
6	WALKING UPSTAIRS Time NA	Gyroscope Jerk	NA Mean	x
51	-0.0652024492378431	director ceru	1,11	
6	WALKING_UPSTAIRS Time NA	Gyroscope Jerk	NA Mean	Y
51	-0.0457705354509804			
6	WALKING_UPSTAIRS Time NA	Gyroscope Jerk	NA Mean	Z
51	-0.0576800048435294	- 1		
6 5 1	WALKING_UPSTAIRS Time NA	Gyroscope Jerk	NA SD	X
51 6	-0.186763293747059 WALKING UPSTAIRS Time NA	Gyroscope Jerk	NA SD	Y
51	-0.486494120980392	dyroscope berk	MI DD	•
6	WALKING UPSTAIRS Time NA	Gyroscope Jerk	NA SD	Z
51	-0.170814790834118	- <b>-</b>		
6	WALKING_UPSTAIRS Time NA	Gyroscope Jerk	Magnitude	Mean
NA	51 -0.342895367921569			

```
6
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.440079851313725
                          Time Body Accelerometer
6
     WALKING UPSTAIRS
                                                    NA
                                                         NA
                                                               Mean
Х
     51
          0.268229355098039
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Y
          -0.0272425385070588
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
     51
          -0.122082438784314
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
          -0.0501350188513725
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          0.189276117327451
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
     51
          -0.353519514896078
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
               0.0177790974433333
Mean NA
          51
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
     NA
          51
               -0.0791508842176471
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
     51
          0.07210675
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          0.00371343419607843
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.00237816579411765
                          Time Body Accelerometer
6
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
X
          -0.180301156098039
6
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Y
     51
          -0.0413994646723529
                          Time Body Accelerometer
6
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Z
          -0.560830688235294
6
                          Time Body Accelerometer
                                                    Jerk Magnitude
     WALKING UPSTAIRS
               -0.207379799254902
Mean NA
6
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
     NA
          51
               -0.169970363039216
                          Time Gravity
                                          Accelerometer
                                                         NA
     WALKING UPSTAIRS
                                                               NA
               0.913632241568627
Mean X
          51
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                               NA
Mean Y
               -0.340732608823529
          51
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
          51
               -0.0184608964392157
Mean Z
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
6
                                                         NA
                                                               NA
          51
               -0.959399425098039
SD
6
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
               -0.912900683137255
SD
          51
6
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
               -0.906196352156863
                          Time Gravity
6
     WALKING UPSTAIRS
                                          Accelerometer
                                                         NA
```

Magni	itude Mean NA 51	0.017	777909	974433333				
6	WALKING UPSTAIRS		Gravi		Lerome	eter	NA	
Magni	itude SD NA 51			3842176471				
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	X
51	-0.115065008156863							
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Y
51	-0.329653779629412							
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
51	-0.0464142110215686							
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X
51	-0.390248128039216	_		_			~-	
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
51	-0.31361857145098		373	<b>G</b>	377	373	a D	
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
51	-0.309998085098039	T-100 00	<b>3.</b> 7.7.	C	3.7.73	Maan	داد. داد	Moon
6	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	Magn	Ltude	Mean
NA 6	51 -0.230627015078 WALKING UPSTAIRS		NT 7A	Gyroscope	NT 7A	Magn	tude	GD.
NA	51 -0.318173892545	Freq	NA	Gyroscope	IVA	Magii	Luue	עפ
6	WALKING UPSTAIRS	Freq	NΙΔ	Gyroscope	Tork	Magni	+11de	Moan
NA	51 <b>-0.</b> 459236333774	_	IVA	dyloscope	OELK	Magii	Luue	mean
6	WALKING UPSTAIRS	Freq	NΔ	Gyroscope	Jerk	Magni	tude	SD
NA	51 <b>-0.</b> 455937719019	_	1111	dyrobcope	OCIN	nagni	Leuue	SD.
6	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
X	51 -0.131075372803	_				_,	_,	
6	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	51 0.0978035099588	_	1					
6	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z	51 -0.427248099725	_	4					
6	WALKING UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X	51 -0.02113356272	76471	_					
6	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y	51 0.1591237771725	549						
6	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Z	51 -0.365874184450	098						
6	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	Magni	Ltude
Mean			3922					
6	WALKING_UPSTAIRS	_	_	Accelerome	eter	NA	Magni	Ltude
SD	NA 51 -0.2221614							
6	WALKING_UPSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
X	51 -0.244812769960		_	_				
6	WALKING_UPSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Y	51 -0.12299159433							
6	WALKING_UPSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Z	51 <b>-0.</b> 549314615882		D - 1	7		<b>-</b> 1	377	an.
6	WALKING_UPSTAIRS	_	воду	Accelerome	eter	Jerk	NA	SD
X	51 -0.186815074235	0294						

```
Freq Body Accelerometer
6
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.0169811409705882
                          Freq Body Accelerometer
6
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Z
     51
          -0.571673957058824
6
                          Freq Body Accelerometer
                                                    Jerk Magnitude
     WALKING UPSTAIRS
          51
               -0.169868234496078
Mean NA
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
     NA
          51
               -0.177734840922353
7
                                               Mean X
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
52
     -0.00282641913096154
7
     LAYING
               Time NA
                          Gyroscope NA
                                               Mean Y
                                          NA
52
     -0.133605695057692
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          52
0.155920029769231
7
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
52
     -0.9601268225
7
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
52
     -0.945071935384615
7
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Z
52
     -0.955294890576923
7
     LAYING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
52
     -0.915793634807692
7
     LAYING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
52
     -0.918662459038462
7
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean X
52
     -0.105944243484615
                          Gyroscope Jerk NA
7
     LAYING
               Time NA
                                               Mean Y
52
     -0.0358897425826923
7
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean Z
52
     -0.0671901794615385
7
               Time NA
                          Gyroscope Jerk NA
     LAYING
                                               SD
                                                    Х
52
     -0.9738372325
7
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
52
     -0.976483727307692
                                                    Z
7
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
52
     -0.988871878269231
                          Gyroscope Jerk Magnitude Mean NA
7
     LAYING
               Time NA
52
     -0.983008829038462
7
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
52
     -0.971205137884615
     LAYING
               Time Body Accelerometer
                                                               52
                                          NA
                                               NA
                                                    Mean X
0.250176694038462
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
52
     -0.0204411516884615
7
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
52
     -0.101361036576923
7
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
```

```
52
     -0.93651361
7
     LAYING
                Time Body Accelerometer
                                               NA
                                                     SD
                                          NA
                                                          Y
     -0.926262668653846
52
7
     LAYING
                Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
52
     -0.952978365961539
7
     LAYING
                Time Body Accelerometer
                                               Magnitude Mean NA
                                          NA
52
     -0.936392023846154
7
     LAYING
                Time Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
52
     -0.907039513153846
7
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     Mean X
                                                               52
0.0968904018076923
     LAYING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Y
                                                               52
0.0250624183634615
7
     LAYING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
52
     -0.0131653918205769
7
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
52
     -0.980977756153846
7
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
52
     -0.973093160192308
               Time Body Accelerometer
                                                          Z
7
     LAYING
                                          Jerk NA
                                                     SD
52
     -0.972983064230769
               Time Body Accelerometer
7
     LAYING
                                          Jerk Magnitude Mean NA
52
     -0.980127239615385
                Time Body Accelerometer
7
     LAYING
                                          Jerk Magnitude SD
                                                               NA
52
     -0.967310932307692
7
               Time Gravity
     LAYING
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
52
     -0.502814250576923
7
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
52
     0.393444278076923
               Time Gravity
7
     LAYING
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Z
52
     0.907537823461538
7
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Х
52
     -0.914221270096154
               Time Gravity
                               Accelerometer
7
     LAYING
                                               NA
                                                     NA
                                                          SD
                                                               Y
52
     -0.955543549230769
7
     LAYING
               Time Gravity
                                                          SD
                                                               Z
                               Accelerometer
                                               NA
                                                     NA
52
     -0.961908984423077
7
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude Mean
NA
     52
          -0.936392023846154
7
     LAYING
               Time Gravity
                               Accelerometer
                                                     Magnitude SD
                                               NA
          -0.907039513153846
NA
     52
7
     LAYING
               Freq NA
                          Gyroscope NA
                                               Mean X
                                          NA
52
     -0.953684547692308
7
                          Gyroscope NA
                                               Mean Y
     LAYING
               Freq NA
                                          NA
52
     -0.957570207692308
7
                          Gyroscope NA
     LAYING
               Freq NA
                                          NA
                                               Mean Z
52
     -0.956905310961538
```

7	LAYING Freq NA	Gyroscope	NA	NA	SD	X		
52 7	-0.962348254423077 LAYING Freq NA	Gyroscope	NA	NA	SD	Y		
52	-0.939727873653846	C	NT 70	37.7	CD.	<b>7</b>		
7 52	LAYING Freq NA -0.9588764125	Gyroscope	NA	NA	SD	Z		
7	LAYING Freq NA	Gyroscope	NA	Magn	itude	Mean	NA	
52 7	-0.941130719230769 LAYING Freq NA	Gyroscope	NA	Magn	itude	SD	NA	
52	-0.918892518653846		- 1					
7 52	LAYING Freq NA -0.974117912115385	Gyroscope	Jerk	Magn	ıtude	Mean	NA	
7	LAYING Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	
52 7	-0.969403035384615 LAYING Freq Body	Accelerome	eter	NA	NA	Mean	X	
52	-0.953424245576923							
7 52	LAYING Freq Body -0.942193953846154	Accelerome	eter	NA	NA	Mean	Y	
7	LAYING Freq Body	Accelerome	eter	NA	NA	Mean	Z	
52 7	-0.958611644615385 LAYING Freq Body	Accelerome	eter	NA	NA	SD	X	
52	-0.931120580576923			2,122	2,122	22		
7 52	LAYING Freq Body -0.922917902307692	Accelerome	eter	NA	NA	SD	Y	
7	LAYING Freq Body	Accelerome	eter	NA	NA	SD	Z	
52 7	-0.953380646346154 LAYING Freq Body	Accelerome	otor	NA	Magn	itude	Moan	NT 7\
, 52	-0.927976880634615	Acceletome	scer	IVA	Magii.	rcude	Mean	IVA
7	LAYING Freq Body	Accelerome	eter	NA	Magn	itude	SD	NA
52 7	-0.910542462919231 LAYING Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
52	-0.980393046923077	7 1		Tarala	37.7	M	77	
7 52	LAYING Freq Body -0.972531648846154	Accelerome	eter	Jerk	NA	Mean	Y	
7	LAYING Freq Body	Accelerome	eter	Jerk	NA	Mean	Z	
52 7	-0.969524977692308 LAYING Freq Body	Accelerome	eter	Jerk	NA	SD	X	
	-0.983560175384615							
7 52	LAYING Freq Body -0.975886145	Accelerome	eter	Jerk	NA	SD	Y	
7	LAYING Freq Body	Accelerome	eter	Jerk	NA	SD	Z	
52 7	-0.975072995192308 LAYING Freq Body	Accelerome	eter	Jerk	Magn	i tude	Mean	NA
52	-0.968066259230769							
7 52	LAYING Freq Body -0.965359228076923	Accelerome	eter	Jerk	Magn	itude	SD	NA
7		Gyroscope	NA	NA	Mean	X		

4.0	0 0406	2707107125							
48 7		3797197125 Time NA	Curoccopo	NT 7A	NT 7N	Moan	v		
48		11me NA 1196465625	Gyroscope	NA	NA	Mean	1		
7	SITTING		Gyroscope	NΔ	NA	Mean	7.	48	
•	.0259476655		Суговсорс	1421	1421	ncun	_	10	
7	SITTING		Gyroscope	NA	NA	SD	Х		
48		70953333333	2 1						
7			Gyroscope	NA	NA	SD	Y		
48	-0.94412	24336458333							
7	SITTING	Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
48	-0.93702	21208541667							
7	SITTING	Time NA	${\tt Gyroscope}$	NA	Magn	itude	Mean	NA	
48									
7		Time NA	Gyroscope	NA	Magn	itude	SD	NA	
48		63314375							
7			Gyroscope	Jerk	NA	Mean	X		
48		155625083333		- 1					
7			Gyroscope	Jerk	NA	Mean	Y		
48 7			Curagana	Tork	NT 7N	Mean	7		
48		566269166667	Gyroscope	nerk	NA	Mean	Zi		
7			Gyroscope	Jerk	NΔ	SD	X		
48		69045625	Суговсорс	OCIK	1421	DD	21		
7		Time NA	Gyroscope	Jerk	NA	SD	Y		
48		24680625	2 1						
7	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Z		
48	-0.98095	54665416667							
7	SITTING	Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
48	-0.9816	65122291667							
7			${\tt Gyroscope}$	Jerk	Magn	itude	SD	NA	
48		14430208333							
7	SITTING	_	Accelerome	eter	NA	NA	Mean	X	48
_	.28467463729								
7	SITTING	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
48 7		1097580375	Aggolorome		NT 70	NT 70	Moon	7	
48	SITTING	64597625	Accelerome	eter	NA	NA	Mean	Z	
7			Accelerome	o+or	NA	NA	SD	Х	
48		58374583333	Acceletome	ece1	IVA	IVA	שט	Λ	
7	SITTING		Accelerome	eter	NA	NA	SD	Y	
48		54698541667	1100clclon		1111	1111	O.D	-	
7			Accelerome	eter	NA	NA	SD	Z	
48		329414375							
7	SITTING	Time Body	Accelerome	eter	NA	Magn	itude	Mean	NA
48	-0.91843	32107083333				•			
7	SITTING	Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
48	-0.8819	57619770833							

7			Body	Accel	erome	eter	Jerk	NA	Mean	X	48
7	5851979312 SITTING	Time	Body	Accel	erome	eter	Jerk	NA	Mean	Y	48
0.011 7	1686341931 SITTING		Body	Accel	.erome	eter	Jerk	NA	Mean	Z	48
	5200414196		D1	<b>3 3</b>		1	<b>T</b> 1-	37.7	a p	**	
7 48	SITTING -0.982158		_	Accel	.erome	eter	Jerk	NA	SD	X	
7	SITTING	Time	Body	Accel	.erome	eter	Jerk	NA	SD	Y	
	-0.969458						- 1		a D	_	
7 40	SITTING		_	Accel	.erome	eter	Jerk	NA	SD	Z	
48 7	-0.972256 SITTING			7,000]	oromo	tor	Tork	Magni	+1140	Moan	NT 7A
48	-0.976559		_	ACCEI	.erome	cer	OELK	Magiii	cude	Mean	IVA
7	SITTING			Accel	erome	eter	Jerk	Magni	tude	SD	NA
48	-0.970243			110001	. 01 01110	7001	00111		Juac	22	
7	SITTING			ty	Accel	erome	eter	NA	NA	Mean	Х
48	0.9691478			1							
7	SITTING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Y
48	0.0060884	664604	1667								
7	SITTING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Z
48	0.0649636	250354	167								
7	SITTING			ty	Accel	erome	eter	NA	NA	SD	X
48	-0.957082										
7	SITTING			.ty	Accel	erome.	eter	NA	NA	SD	Y
48	-0.945436				_						
7	SITTING			.ty	Accel	.erome	eter	NA	NA	SD	Z
48	-0.868602										
7	SITTING			-	Accel	erome	eter	NA	Magni	Ltude	Mean
NA		184321			3 1			377	M =		a D
7	SITTING 48 -0.8			_	Accel	erome	eter	NA	Magni	Ltude	รบ
NA 7	48 -0.8 SITTING				aono	NT 7\	NA	Mean	v		
7 48	-0.943631		IVA	GYLUS	cope	IVA	IVA	Mean	Λ		
7	SITTING		NΙΔ	Gyros	cone	NΙΔ	NA	Mean	v		
48	-0.956678	_	1421	GYIOD	сорс	1421	1121	nean	•		
7	SITTING		NA	Gvros	cope	NA	NA	Mean	Z		
48	-0.947419	-		1	_		-				
7	SITTING	Freq	NA	Gyros	cope	NA	NA	SD	X		
48	-0.942726	_		-	-						
7	SITTING	Freq	NA	Gyros	cope	NA	NA	SD	Y		
48	-0.938244	72									
7	SITTING	_		Gyros	cope	NA	NA	SD	Z		
48	-0.939826										
7	SITTING	_		Gyros	cope	NA	Magni	tude	Mean	NA	
48	-0.933081			~							
7	SITTING	Freq	NA	Gyros	cope	NA	Magni	Ltude	SD	NA	

```
48
     -0.895804978125
7
     SITTING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
48
     -0.978634991458333
7
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
48
     -0.97496593875
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
48
     -0.972697126875
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
48
     -0.93149063375
7
     SITTING
               Freq Body Accelerometer
                                               NA
                                                     Mean Z
                                          NA
48
     -0.904675337916667
7
     SITTING
               Freq Body Accelerometer
                                                     SD
                                                          Х
                                          NA
                                               NA
48
     -0.972879966041667
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
48
     -0.904629195833333
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          \mathbf{Z}
     -0.844083052916667
48
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
48
     -0.90895677625
7
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
48
     -0.88691563825
7
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
48
     -0.982037243958333
               Freq Body Accelerometer
7
     SITTING
                                          Jerk NA
                                                     Mean Y
48
     -0.969423612916667
7
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
48
     -0.968503504791667
7
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
48
     -0.984026344375
7
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
48
     -0.971814980208333
7
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                     SD
                                                          Z
48
     -0.974699194375
7
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
48
     -0.970954184166667
7
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
48
     -0.9684948675
7
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
53
     -0.0291582212545283
7
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Y
                                          NA
53
     -0.0774336443396226
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          53
                                          NA
0.0851045000566038
7
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
53
     -0.945247687358491
7
                                                     Y
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
53
     -0.949646946792453
```

7 53	STANDING -0.951630	Time NA	Gyroscope	NA	NA	SD	Z		
7 53	STANDING -0.9434255	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
7	STANDING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
53 7	-0.9184389 STANDING	Time NA	Gyroscope	Jerk	NA	Mean	X		
53 7	STANDING	9662169811 Time NA	Gyroscope	Jerk	NA	Mean	Y		
53 7	STANDING	7611886792 Time NA	Gyroscope	Jerk	NA	Mean	Z		
53 7	STANDING		Gyroscope	Jerk	NA	SD	X		
53 7	-0.9659833 STANDING	Time NA	Gyroscope	Jerk	NA	SD	Y		
53 7	-0.9768377 STANDING	Time NA	Gyroscope	Jerk	NA	SD	Z		
53 7	-0.9781667 STANDING	Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
53 7	-0.9773770 STANDING	083018868 Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
53 7	-0.9721079 STANDING		Accelerome	eter	NA	NA	Mean	X	53
0.282	27235394339								
7 53	STANDING -0.0145740	Time Body 0341037736	Accelerometer		NA	NA	Mean	Y	
7 53	STANDING		Accelerometer		NA	NA	Mean	Z	
7	STANDING	Time Body	Accelerometer		NA	NA	SD	X	
53 7	-0.9793075 STANDING	Time Body	Accelerometer		NA	NA	SD	Y	
53 7		Time Body	Accelerometer		NA	NA	SD	Z	
53 7	-0.9170643 STANDING	Time Body	Accelerometer		NA	Magnitude		Mean	NA
53 7	-0.9427246 STANDING		Accelerometer		NA	Magnitude		SD	NA
53 7	-0.9335903 STANDING		Accelerome	eter	Jerk	NA	Mean	X	53
0.075	51915112830	0189							
7	7 STANDING Time Body 0.00694700354075472		Accelerometer		Jerk	NA	Mean	Y	53
7			Accelerome	a+or	Jerk	NΔ	Mean	7	
53	-0.0108420	0294035849							
7	STANDING	_	Accelerome	eter	Jerk	NA	SD	X	
53 7	-0.9764035 STANDING		Accelerome	eter	Jerk	NA	SD	Y	

```
53
     -0.965810609622642
7
     STANDING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         \mathbf{z}
53
     -0.972060053207547
7
     STANDING
               Time Body Accelerometer
                                         Jerk Magnitude Mean NA
53
     -0.973381306226415
7
               Time Body Accelerometer
                                         Jerk Magnitude SD
     STANDING
                                                              NA
53
     -0.968566356037736
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean X
53
     0.958728687924528
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Y
53
     -0.117607048924528
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Z
53
     -0.0516573721320755
     STANDING
7
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Х
53
     -0.987917503962264
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Y
53
     -0.966162998679245
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Z
53
     -0.939161014716981
7
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
          -0.942724659245283
NA
     53
7
     STANDING Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
          -0.933590156792453
     53
7
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean X
53
     -0.938121637735849
7
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
53
     -0.957548671320755
7
     STANDING
               Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Z
53
     -0.957165056226415
7
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
53
     -0.947891986226415
                          Gyroscope NA
7
     STANDING Freq NA
                                         NA
                                               SD
                                                    Y
53
     -0.945818157735849
                          Gyroscope NA
7
     STANDING Freq NA
                                         NA
                                               SD
                                                    \mathbf{Z}
53
     -0.954339406415094
7
                          Gyroscope NA
                                         Magnitude Mean NA
     STANDING Freq NA
53
     -0.93870498490566
7
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
53
     -0.919848139056604
7
                          Gyroscope Jerk Magnitude Mean NA
     STANDING
               Freq NA
53
     -0.973671168679245
7
     STANDING Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
53
     -0.971899418301887
7
     STANDING Freq Body Accelerometer
                                                    Mean X
                                         NA
                                               NA
53
     -0.976681834339623
7
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
53
     -0.941883783773585
```

7 53	STANDING Freq -0.93855051981	_	Accelerome	eter	NA	NA	Mean	Z	
53 7	STANDING Freq		Accelerome	eter	NA	NA	SD	X	
53	-0.98054133603	7736							
7	STANDING Freq	_	Accelerome	eter	NA	NA	SD	Y	
53	-0.91911875301		_						
7	STANDING Freq	_	Accelerome	eter	NA	NA	SD	Z	
53 7	-0.91235881377. STANDING Freq		Aggoloromo	stor	NA	Magni	tudo	Moan	NT 7N
53	-0.94561145037	_	Acceletome	ecer	NA	Magiii	Luue	Mean	NA
7	STANDING Freq		Accelerome	eter	NA	Magni	tude	SD	NA
, 53	-0.93728796509		11000101101110	JUCI	1111	1149111	Leade	U.D	1111
7	STANDING Freq		Accelerome	eter	Jerk	NA	Mean	Х	
53	-0.97632308622	_							
7	STANDING Freq	Body	Accelerome	eter	Jerk	NA	Mean	Y	
53	-0.96716509301	8868							
7	STANDING Freq	Body	Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
53	-0.96822964301	8868							
7	STANDING Freq	_	Accelerome	eter	Jerk	NA	SD	X	
53	-0.97872908283								
7	STANDING Freq	_	Accelerome	eter	Jerk	NA	SD	Y	
53	-0.96685029018		_		_				
7	STANDING Freq	_	Accelerome	eter	Jerk	NA	SD	Z	
53	-0.97453371075		3 1		T =1-			37	
7	STANDING Fred								
	_	_	Accelerome	eter	Jerk	Magni	Ltude	Mean	NA
53	-0.96741788830	1887				_			
53 7	-0.96741788830 STANDING Freq	1887 Body				Magni			NA NA
53 7 53	-0.96741788830 STANDING Freq -0.96909216188	1887 Body 6792	Accelerome	eter	Jerk	Magni	tude	SD	
53 7 53 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time	1887 Body		eter		_	tude		
53 7 53 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316	1887 Body 6792 NA	Accelerome Gyroscope	eter NA	Jerk NA	Magni Mean	tude X	SD	
53 7 53 7 0.002	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time	1887 Body 6792 NA	Accelerome	eter NA	Jerk	Magni	tude X	SD	
53 7 53 7 0.002 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time	1887 Body 6792 NA NA 42105	Accelerome Gyroscope	eter NA NA	Jerk NA	Magni Mean	itude X Y	SD	
53 7 53 7 0.002 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248	1887 Body 6792 NA NA 42105	Accelerome Gyroscope Gyroscope	eter NA NA	Jerk NA NA	Magni Mean Mean	itude X Y	SD 57	
53 7 53 7 0.002 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time	1887 Body 6792 NA NA 42105	Accelerome Gyroscope Gyroscope	eter NA NA NA	Jerk NA NA	Magni Mean Mean	itude X Y	SD 57	
53 7 53 7 0.002 7 57 7 0.064	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088	1887 Body 6792 NA NA 42105 NA	Accelerome Gyroscope Gyroscope Gyroscope	eter NA NA NA	Jerk NA NA	Magni Mean Mean Mean	itude X Y Z	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time	1887 Body 6792 NA NA 42105 NA NA NA	Accelerome Gyroscope Gyroscope Gyroscope	eter NA NA NA	Jerk NA NA	Magni Mean Mean Mean	itude X Y Z	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope	eter NA NA NA NA	Jerk NA NA NA	Magni Mean Mean Mean SD	tude X Y Z X	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.231098305456 WALKING Time	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope	eter NA NA NA NA	Jerk NA NA NA	Magni Mean Mean Mean SD	tude X Y Z X	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614 NA 3158	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA	Jerk NA NA NA NA NA	Magni Mean Mean Mean SD SD	x Y Z X Y	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614 NA 3158	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA	Jerk NA NA NA NA NA	Magni Mean Mean Mean SD	x Y Z X Y	SD 57	
53 7 53 7 0.002 7 57 7 0.064 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39601353526	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614 NA 3158 NA 3509	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA NA	Jerk NA NA NA NA NA NA NA	Magni Mean Mean Mean SD SD SD	x Y Z X Y Z Mean	SD 57 57	
53 7 53 7 0.002 7 57 7 0.064 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39601353526 WALKING Time -0.30595935140 WALKING Time	1887 Body 6792 NA NA 42105 NA NA 614 NA 3158 NA 3509 NA	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA NA	Jerk NA NA NA NA NA NA NA	Magni Mean Mean Mean SD SD	x Y Z X Y Z Mean	SD 57	
53 7 53 7 0.002 7 57 7 57 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39601353526 WALKING Time -0.39595935140 WALKING Time -0.30595935140 WALKING Time	1887 Body 6792 NA NA 42105 NA 7544 NA 614 NA 3158 NA 3509 NA 614	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA NA NA	Jerk NA NA NA NA NA Magni	Magni Mean Mean Mean SD SD SD	x y z x y Mean	SD 57 57	
53 7 53 7 0.002 7 57 7 57 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39595935140 WALKING Time -0.19828316695 WALKING Time -0.19828316695	1887 Body 6792 NA NA 42105 NA 7544 NA 614 NA 3158 NA 3509 NA 614 NA	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA NA NA NA NA NA NA NA	Jerk NA NA NA NA NA Magni	Magni Mean Mean Mean SD SD SD	x Y Z X Y Z Mean SD	SD 57 57	
53 7 53 7 0.002 7 57 7 57 7 57 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39595935140 WALKING Time -0.19828316695 WALKING Time -0.19828316695 WALKING Time -0.19828316695	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614 NA 3509 NA 614 NA	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	eter NA	Jerk NA NA NA NA Magni Magni	Magni Mean Mean Mean SD SD SD Ltude Ltude Mean	x y z x y Mean sD	SD 57 57	
53 7 53 7 0.002 7 57 7 57 7 57 7 57 7	-0.96741788830 STANDING Freq -0.96909216188 WALKING Time 228835208526316 WALKING Time -0.08371137248 WALKING Time 41104602035088 WALKING Time -0.50331351701 WALKING Time -0.23109830545 WALKING Time -0.23109830545 WALKING Time -0.39601353526 WALKING Time -0.39595935140 WALKING Time -0.19828316695 WALKING Time -0.19828316695	1887 Body 6792 NA NA 42105 NA NA 7544 NA 614 NA 3509 NA 614 NA	Accelerome Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	eter NA	Jerk NA NA NA NA Magni Magni	Magni Mean Mean Mean SD SD SD	x y z x y Mean sD	SD 57 57	

57	-0.0447766029745614							
7	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Z		
57	-0.0495713093294737	, i						
7	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
57	-0.21166729682807							
7	WALKING Time NA	Gyroscope	Jerk	NA	SD	Y		
57	-0.174136410738596							
7	WALKING Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
57	-0.458302971403509	_						
7	WALKING Time NA	Gyroscope	Jerk	Magn	ıtude	Mean	NA	
57 7	-0.300022779964912	Curagana	Tords	Moan	: + d .	CD	NT 70	
7 57	WALKING Time NA -0.0953401161070176	Gyroscope	Jerk	Magii.	Luue	מפ	NA	
7		Accelerome	ter	NA	NA	Mean	x	57
	5592961754386	VCCETETOILE	CET	IVA	W	rieaii	Λ	51
7		Accelerome	eter	NA	NA	Mean	Y	
57	-0.018653665345614	<b> </b>	<b>-</b>				_	
7		Accelerome	eter	NA	NA	Mean	Z	
57	-0.110912234947368							
7	WALKING Time Body	Accelerome	eter	NA	NA	SD	X	
57	-0.327243240701754							
7	WALKING Time Body	Accelerome	eter	NA	NA	SD	Y	
57	-0.0772618561052631							
7	<del>-</del>	Accelerome	eter	NA	NA	SD	Z	57
	9631283261403	_						
7	_	Accelerome	eter	NA	Magn	itude	Mean	NA
57	-0.0978090439438596	7 7		377	M =	:	αD	37.7
7 57	WALKING Time Body -0.198554708385965	Accelerome	eter	NA	magn:	itude	SD	NA
3 <i>1</i> 7		Accelerome	tor	Jerk	NI A	Mean	v	57
=	01462649192983	Acceletome	ecer	DELK	IVA	Mean	Λ	57
7		Accelerome	eter	Jerk	NA	Mean	Y	57
-	84322723280702			COLK	-1-1	110411	-	٠.
7		Accelerome	eter	Jerk	NA	Mean	Z	
57	-0.0210398551649123							
7		Accelerome	eter	Jerk	NA	SD	X	
57	-0.346026226140351							
7	WALKING Time Body	Accelerome	eter	Jerk	NA	SD	Y	
57	-0.0547448948245614							
7	<del>-</del>	Accelerome	eter	Jerk	NA	SD	Z	
57	-0.149488514397895	_				_		
7	WALKING Time Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
57	-0.192948900438596	3 3	. 1	<b>-</b> '			ar.	373
7	<del>-</del>	Accelerome	eter	Jerk	Magn:	ıtude	รบ	NA
57 7	-0.027557329277193	;	l a marr	a+ a	NT 70	NT 70	Moor	v
7 57	WALKING Time Grav: 0.932566472280702	ity Accel	rerowe	eter	NA	NA	Mean	X
<i>31</i>	0.9323004/2200/02							

7	WALKING		Gravi	ity	Accel	Lerome	eter	NA	NA	Mean	Y
57 7	-0.1590970		4211 Gravi	i + 37	Accel	Lerome	tor	NA	NA	Mean	7.
, 57	-0.1608469			LCy	110001	CIOMO		1421	1411	ncun	2
7	WALKING	Time	Grav	ity	Accel	Lerome	eter	NA	NA	SD	X
57	-0.9798512					ı				~-	
7 57	WALKING -0.9694041		Grav:	Lty	Accel	Lerome	eter	NA	NA	SD	Y
7	WALKING		Gravi	ity	Accel	Lerome	eter	NA	NA	SD	Z
57	-0.952159			-							
7	WALKING		Grav	-	Accel	Lerome	eter	NA	Magn	itude	Mean
NA 7		978090			7 9 9 9 1	oromo	+02	<b>NT 7</b>	Magn	: +	CD
/ NA	WALKING 57 -0.19	985547		_	Accel	rerome	eter	NA	Magn.	itude	אס
7					scope	NA	NA	Mean	X		
57	-0.318395	10466	6667	_	_						
7	WALKING	Freq		Gyros	scope	NA	NA	Mean	Y		
57 7	-0.1519660 WALKING			Curo	scope	NT 7\	NT 7\	Moon	7		
, 57	-0.366733	_		Gyros	scope	NA	NA	Mean	4		
7	WALKING	Freq		Gyros	scope	NA	NA	SD	X		
57	-0.5636152	25666	6667								
7	WALKING	Freq		Gyros	scope	NA	NA	SD	Y		
57 7	-0.2908593 WALKING			Curo	scope	NT 7\	NA	SD	Z		
, 57	-0.463270	_		Gyros	scope	IVA	IVA	ענ	4		
7	WALKING	Freq		Gyros	scope	NA	Magni	tude	Mean	NA	
57	-0.192909										
7	WALKING	-		Gyros	scope	NA	Magni	tude	SD	NA	
57 7	-0.3438949 WALKING			Curo	scope	Tork	Magni	+udo	Moan	NT 7\	
, 57	-0.1553398	Freq 855862		Gyros	scope	nerk	Magiii	Luue	Mean	IVA	
7	WALKING			Gyros	scope	Jerk	Magni	tude	SD	NA	
57	-0.0841663	_		_	_		_				
7	WALKING	_	_	Accel	Lerome	eter	NA	NA	Mean	X	
57	-0.343048			<b>3</b> 3	1		373	373		77	
7 57	WALKING -0.064156	_	_	Accel	Lerome	eter	NA	NA	Mean	Y	
7	WALKING			Acce]	Lerome	eter	NA	NA	Mean	Z	57
	3583225234	_	1								
7	WALKING	_	_	Accel	lerome	eter	NA	NA	SD	X	
57	-0.3220349				•				-		
7 57	WALKING -0.1437218	_	_	ACCe.	Lerome	eter	NA	NA	SD	Y	
<i>5 1</i>	WALKING			Accel	Lerome	eter	NA	NA	SD	Z	57
	33168280892	_	1				. =	- =	=		
7	WALKING	Freq	Body	Accel	Lerome	eter	NA	Magni	itude	Mean	NA

57	-0.151243649578947								
7	WALKING Freq Body	Acce]	Lerome	eter	NA	Magni	itude	SD	NA
57	-0.351706780526316					,			
7	WALKING Freq Body	Acce	Lerome	eter	Jerk	NA	Mean	X	
57	-0.383715797719298								
7	WALKING Freq Body	Acce]	Lerome	eter	Jerk	NA	Mean	Y	
57 -	-0.123192887383684	_			_				
7	WALKING Freq Body	Accel	Lerome	eter	Jerk	NA	Mean	Z	
57	-0.106490372892632	7 ~ ~ ~ 7		+	Torolo	3.7.73	CD	v	
7 57	WALKING Freq Body -0.365314790947368	Accel	rerome	eter	Jerk	NA	SD	X	
<i>3 1</i>	WALKING Freq Body	Acce	lerome	tor	Jerk	NΔ	SD	Y	
, 57	-0.0431917460807018	HCCC	LCI OIIIC	CCI	OCIK	1421	DD	_	
7	WALKING Freq Body	Acce]	Lerome	eter	Jerk	NA	SD	Z	
57	-0.190751539207018								
7	WALKING Freq Body	Accel	Lerome	eter	Jerk	Magni	itude	Mean	NA
57	-0.0384187298547368								
7	WALKING Freq Body	Accel	Lerome	eter	Jerk	Magni	itude	SD	NA
57	-0.022138358								
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	X
47	-0.105409612961702	m:	377	<b>G</b>		377	377	36	77
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	Y
47 7	-0.049717460606383 WALKING DOWNSTAIRS	Time	NI A	Gyros	scope	NΤΛ	NA	Mean	7
, 47	0.116894769042766	TIME	IVA	Gylos	scope	IVA	IVA	Mean	L
7	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Х
47	-0.407744096			-1		_,	_,		
7	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
47	-0.29262613606383								
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Z
47	-0.401051415531915	_							
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	Magni	itude	Mean
NA	47 -0.188740818872		377	<b>G</b>		37.7	M =	ــــــــــــــــــــــــــــــــــــــ	an.
7 NA	WALKING_DOWNSTAIRS 47 -0.259751603446	Time	NA	Gyros	scope	NA	Magn	itude	SD
1NA 7	WALKING DOWNSTAIRS	Time	NΔ	Gyros	cone	Jerk	NΔ	Mean	Y
, 47	-0.0597273512680851	TIME	IVA	dylos	соре	DELK	IVA	Hean	Λ
7	WALKING DOWNSTAIRS	Time	NA	Gvros	scope	Jerk	NA	Mean	Y
47	-0.0381904275744681		-	2	-		-		
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	Mean	Z
47	-0.0789469342553192								
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	X
47	-0.510731018297872								
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Y
47	-0.299520205208511			_					_
7	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Z
47	-0.425200371553192								

```
Gyroscope Jerk Magnitude Mean
7
     WALKING DOWNSTAIRS
                          Time NA
NA
          -0.399229959148936
                                    Gyroscope Jerk Magnitude SD
7
     WALKING DOWNSTAIRS
                          Time NA
NA
     47
          -0.29477867693617
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
Х
          0.28030708
7
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
Y
     47
          -0.0166332372978723
7
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
Z
          -0.096938308587234
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              SD
Х
          0.0660815600978723
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              SD
Y
     47
          -0.138179072734043
7
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    NA
                                                         NA
                                                              SD
Z
          -0.0636402447755319
7
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    NA
                                                         Magnitude
Mean NA
          47
               0.0198795285851064
7
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
          47
               0.214544028088723
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Х
          0.0968926184638298
7
     WALKING DOWNSTAIRS
                        Time Body Accelerometer
                                                   Jerk NA
                                                              Mean
          -0.0191061075170213
Y
7
                         Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                              Mean
Z
          -0.0160390392510638
7
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                              SD
Х
     47
          0.0285033927287234
7
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   Jerk NA
                                                              SD
Y
          -0.296279674759574
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              SD
Z
          -0.347107758021277
7
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                   Jerk Magnitude
               -0.170319619372979
Mean NA
          47
7
                         Time Body Accelerometer Jerk Magnitude
     WALKING DOWNSTAIRS
          47
               0.0901836280510638
SD
7
                          Time Gravity
                                         Accelerometer
     WALKING DOWNSTAIRS
                                                         NA
                                                              NA
Mean X
          47
               0.930623632765957
7
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
          47
               -0.12987167306383
Mean Y
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
          47
               -0.154935538544681
Mean Z
7
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.964875962978723
          47
7
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          47
               -0.952678693617021
     WALKING DOWNSTAIRS Time Gravity
7
                                         Accelerometer
                                                         NA
                                                              NA
```

```
SD
          47
                -0.92875646893617
7
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          0.0198795285851064
Magnitude Mean NA
                     47
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
Magnitude SD
                     47
                          0.214544028088723
               NA
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                          Mean X
                                                    NA
47
     -0.33930147
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          Mean Y
47
     -0.21444307293617
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                         Mean Z
47
     -0.299600267680851
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               Х
47
     -0.432730974446809
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
47
     -0.351717743191489
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               \mathbf{Z}
47
     -0.495120053191489
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    Magnitude Mean
NA
     47
          -0.255045057404255
7
                                                    Magnitude SD
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
     47
          -0.396909651702128
NA
7
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude Mean
NA
          -0.289096677191489
     47
                                     Gyroscope Jerk Magnitude SD
7
     WALKING DOWNSTAIRS
                          Freq NA
          -0.353544695678723
NA
     47
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Х
          0.0443428315319149
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
          -0.145302311446808
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Z
          -0.139216222106383
     47
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Х
          0.0730110797851064
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Y
          -0.190187141297872
     47
7
                         Freq Body Accelerometer
     WALKING DOWNSTAIRS
                                                    NA
                                                          NA
                                                               SD
Z
          -0.100121492529787
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          Magnitude
Mean NA
          47
                0.218911066191489
7
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         Magnitude
SD
                0.0214440976893617
     NA
7
     WALKING DOWNSTAIRS
                         Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          -0.0305226686191489
7
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
     47
          -0.316236510319149
7
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.296494902765957
     47
```

7	WALKING_DOWNSTAIRS Freq 47 -0.00426289144680851	_	Accelerome	eter	Jerk	NA	SD
X 7			Accelerome	eter	Jerk	NA	SD
Y	47 -0.324378560319149						
7	WALKING_DOWNSTAIRS Freq	Body	Accelerome	eter	Jerk	NA	SD
Z	47 -0.397774503468085						_
7		_	Accelerome	eter	Jerk	Magn	itude
Mean			_				_
7	<del>-</del>	_	Accelerome	eter	Jerk	Magn:	itude
SD	NA 47 0.1078568403021		_				
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	Х
51	-0.138778108029412						
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	Y
51	-0.00247161973						_
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	Z
51	0.139217071509804		_			~-	
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	X
51	-0.363853236862745		_			~-	
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Y
51	-0.572996820784314					<b>a</b> 5	_
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
51	-0.348980051411765		_				
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magni	Ltude	Mean
NA	51 -0.239099165627451		_				~-
7	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magni	itude	SD
NA	51 -0.418144852156863		_	_ ,			
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Х
51	-0.0856640866647059			- 1			
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Y
51	-0.0482219105196078		_	_ ,			_
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
51	-0.072451747827451	377	<b>G</b>	T1-	373	a D	7.7
7	<b>—</b>	NA	Gyroscope	Jerk	NA	SD	X
51	-0.616812659215686	37.7	<b>G</b>	T1-	37.7	an.	37
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
51	-0.671243739607843	377	<b>G</b>	T1-	373	an.	-
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
51	-0.682184175686275	37.7	<b>G</b>	T1-	M =	- المحاج	M = = =
7	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	magn.	Ltude	Mean
NA 7	51 -0.661969771960784	NT 70	Compagano	Tomle	Maan	: d _	CD
7 N 2	WALKING_UPSTAIRS Time	MА	Gyroscope	Jerk	magni	tude	อบ
NA 7	51 -0.67642807254902	D 0 2	Nagolamen	×-~	NT 7	NT 7	Moss
7 v	<del>_</del>	ьоау	Accelerome	ecer	NA	NA	Mean
X	51 0.248706923078431	D 0 2	Aggs 1 a mare	×-~	NT 7	NT 7	Moss
7 v	<u> </u>	воау	Accelerome	ecer	NA	NA	Mean
Y 7	51 -0.0275639005607843	Dod.	700010000	×-~	NT 7N	NT 7N	Moor
,	WALKING_UPSTAIRS Time	ьоиу	Accelerome	:rer	NA	NA	Mean

```
Z
     51
          -0.143769688803922
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
     51
          -0.29487297445098
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          -0.32616002254902
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.145665025639216
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
               -0.198074437978431
Mean NA
          51
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
          51
               -0.33474460745098
     NA
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Х
     51
          0.0724649938509804
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Y
          -0.000812387078431372
                          Time Body Accelerometer
7
     WALKING UPSTAIRS
                                                    Jerk NA
                                                              Mean
Z
          -7.451966666666e-05
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.415153115882353
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.519897595686274
     51
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.60780843627451
7
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
               -0.458695232352941
Mean NA
          51
     WALKING UPSTAIRS
                          Time Body Accelerometer Jerk Magnitude
7
SD
               -0.471265710980392
                          Time Gravity
7
     WALKING UPSTAIRS
                                         Accelerometer
                                                         NA
                                                              NA
          51
               0.81874656
Mean X
7
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
               -0.240950944117647
Mean Y
          51
                          Time Gravity
7
     WALKING UPSTAIRS
                                         Accelerometer
                                                         NA
                                                              NA
          51
               -0.403599709607843
Mean Z
                          Time Gravity
                                          Accelerometer
7
     WALKING UPSTAIRS
                                                         NA
                                                              NA
               -0.932823053333333
SD
          51
7
                          Time Gravity
     WALKING UPSTAIRS
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.939774255490196
          51
7
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                              NA
SD
          51
               -0.881675909607843
7
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                          -0.198074437978431
Magnitude Mean NA
                     51
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                          -0.33474460745098
Magnitude SD
               NA
                     51
7
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
51
     -0.383889342745098
7
     WALKING UPSTAIRS
                                    Gyroscope NA
                          Freq NA
                                                    NA
                                                         Mean Y
51
     -0.567920266470588
```

7	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
51 7	-0.408150266666667 WALKING UPSTAIRS	Freq	NT 7A	Gyroscope	NT 7A	NA	SD	X
, 51	-0.368636961470588	rreq	NA	Gyroscope	IVA	NA	עמ	Λ
7	WALKING UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
51	-0.579964614705882	_		2 1				
7	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
51	-0.393062890647059							
7	WALKING_UPSTAIRS	_	NA	Gyroscope	NA	Magn	itude	Mean
NA	51 -0.533982945882						_	
7	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	SD
NA	51 -0.444994481882				_ ,		• . •	
7	WALKING_UPSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	ıtude	Mean
NA 7	51 -0.673327281960		NT 70	Compagano	Torale	Moon	: <b></b>	CD.
/ NA	WALKING_UPSTAIRS 51 -0.704090967843	_	NA	Gyroscope	Jerk	magn.	rtude	อบ
ид 7	WALKING UPSTAIRS		Podv	Accelerome	tor	NA	NA	Mean
X	51 <b>-0.</b> 336199426470	_	ьоцу	Acceletome	scer	IVA	IVA	Mean
7	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	51 <b>-0.</b> 381590523133	_	Dody	7100010110		1471	1421	nean
- 7	WALKING UPSTAIRS		Bodv	Accelerome	eter	NA	NA	Mean
Z	51 -0.317461021372	_	1					
7	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	51 -0.279870086215	_	-					
7	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y	51 -0.341025552943	1176						
7	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Z	51 -0.124912269443							
7	WALKING_UPSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
Mean								
7	WALKING_UPSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
SD	NA 51 -0.4153071							
7	WALKING_UPSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
X	51 -0.454647881960		D1	3 1		T1-	377	34
7	WALKING_UPSTAIRS	Freq	воау	Accelerome	eter	Jerk	NA	Mean
Y 7	51 -0.53707567	Prog	Podra	Aggoloromo	tor	Jerk	NT 7N	Mean
, Z	WALKING_UPSTAIRS 51 -0.581764526862	_	ьоцу	Acceletome	ecer	nerk	NA	Mean
7	WALKING UPSTAIRS		Body	Accelerome	ter.	Jerk	NΔ	SD
X	51 <b>-0.</b> 426974025686	_	Боау	neceicione	CCI	OCIK	1471	DD
7	WALKING UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y	51 -0.534191302549	_	<b></b> 1	<b> </b>	<b>-</b>			
7	WALKING UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	51 -0.631919608823	_	-					
7	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude
Mean	NA 51 -0.4547832	24745	098					
7	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude

SD	NA	51			363137255						
8	LAYI		Time	NA	Gyroscope	NA	NA	Mean	X	54	
		120685			_						
8	LAYII		Time		Gyroscope	NA	NA	Mean	Y		
54		391374									
8	LAYII		Time	NA	Gyroscope	NA	NA	Mean	Z	54	
		073703									
8	LAYII	NG	Time	NA	Gyroscope	NA	NA	SD	X		
54	-0.96	652040									
8	LAYII	1G	Time	NA	Gyroscope	NA	NA	SD	Y		
54	-0.95	520393	38574	0741							
8	LAYI	NG	Time	NA	Gyroscope	NA	NA	SD	Z		
54	-0.96	575897	75462	963							
8	LAYI	NG	Time	NA	Gyroscope	NA	Magn	itude	Mean	NA	
54	-0.92	242533	34851	8518							
8	LAYI	NG	Time	NA	Gyroscope	NA	Magn	itude	SD	NA	
54	-0.93	324707	76444	4444							
8	LAYI	NG	Time	NA	Gyroscope	Jerk	NA	Mean	X		
54	-0.10	064450	0831	4815							
8	LAYI	NG	Time	NA	Gyroscope	Jerk	NA	Mean	Y		
54	-0.03	389735	1987	22222							
8	LAYI	NG	Time	NA	Gyroscope	Jerk	NA	Mean	Z		
54	-0.06	594123	31509	25926	1 1						
8	LAYII		Time		Gyroscope	Jerk	NA	SD	Х		
54		599240			1 1						
8	LAYII		Time		Gyroscope	Jerk	NA	SD	Y		
54		741864			-1						
8	LAYII		Time		Gyroscope	Jerk	NA	SD	Z		
54		 376012							_		
8	LAYII		Time		Gyroscope	Jerk	Magn	i tude	Mean	NA	
54		784381			Cyroboope	OCIN	114911	Loude	mean	1111	
8	LAYI		Time		Gyroscope	Jerk	Magn	i + 11de	SD	NA	
54		 590291			буговсорс	UCIK	riagii.	Leude	DD	1471	
8	LAYI				Accelerom	atar	NA	NA	Mean	v	54
		329074		Боау	ACCETETOM	ecer	IVA	IVA	Mean	Λ	34
8		NG		Body	Accelerom	atar	NA	NA	Mean	v	
54		212281		_	ACCETETOM	ecer	IVA	IVA	Mean	1	
8	LAYI				Accelerom	otor	NA	NA	Mean	7	
54		022453		_	Acceletom	ecer	IVA	IVA	Mean	4	
8					Aggolorom	otor	NA	NT 7N	SD	v	
	LAYII			_	Accelerom	erer	NA	NA	מפ	X	
54		430412			7	a+ a ==	3.7.73	3.7.73	CD	37	
8	LAYII			воау	Accelerom	eter	NA	NA	SD	Y	
54		348911		Dl	71		377	377	a D		
8	LAYII			_	Accelerom	eter	NA	NA	SD	Z	
54		324914			3 3		377	36-		34 -	377
8		NG		_	Accelerom	eter	NA	Magn:	itude	Mean	NA
54	-0.93	353086	3388	8889							

8 5 <i>4</i>	LAYING -0.913250		Body	Accel	.erome	eter	NA	Magni	tude	SD	NA
8	LAYING 7832690259	Time	Body	Accel	.erome	eter	Jerk	NA	Mean	X	54
8	LAYING 3329915913	Time	Body	Accel	erome	eter	Jerk	NA	Mean	Y	54
8	LAYING -0.016921	Time	_	Accel	erome	eter	Jerk	NA	Mean	Z	
8 54	LAYING -0.973253	Time	Body	Accel	.erome	eter	Jerk	NA	SD	X	
8 54	LAYING	Time	Body	Accel	.erome	eter	Jerk	NA	SD	Y	
8 54	LAYING -0.966087	Time	Body	Accel	.erome	eter	Jerk	NA	SD	Z	
8	LAYING -0.973147	Time	Body	Accel	.erome	eter	Jerk	Magni	tude	Mean	NA
54 8	-0.973147 LAYING -0.962954	Time	Body	Accel	erome	eter	Jerk	Magni	tude	SD	NA
54 8	LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Х
54 8	-0.405930 LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Y
54 8	0.5899224 LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Z
54 8	0.7198315 LAYING	Time	Gravi	ty	Accel	erome	ter	NA	NA	SD	X
54 8	-0.918873 LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	SD	Y
54 8	-0.957990 LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	SD	Z
54 8	-0.941836 LAYING	Time	Gravi	_	Accel	erome	eter	NA	Magni	tude	Mean
NA 8	54 -0.9 LAYING	Time	Gravi		Accel	erome	eter	NA	Magni	tude	SD
NA 8	LAYING	_	NA	Gyros	cope	NA	NA	Mean	X		
54 8	-0.957903 LAYING	Freq	NA	Gyros	cope	NA	NA	Mean	Y		
54 8	-0.957411 LAYING	Freq	NA	Gyros	cope	NA	NA	Mean	Z		
54 8	-0.967461 LAYING			Gyros	cope	NA	NA	SD	X		
54 8	-0.967846 LAYING	360740 Freq		Gyros	scope	NA	NA	SD	Y		
54 8	-0.950316 LAYING			Gyros	cope	NA	NA	SD	Z		
54 8	-0.970671 LAYING		1481 NA	Gyros	cope	NA	Magni	tude	Mean	NA	

54	-0.944528950555556					
8	LAYING Freq NA	Gyroscope NA	Magnitude	SD	NA	
54	-0.93678697	ojioboopo iiii	gouuc	22		
8	LAYING Freq NA	Gyroscope Jerk	Magnitude	Mean	NA	
54	-0.968403945925926					
8	LAYING Freq NA	Gyroscope Jerk	Magnitude	SD	NA	
54	-0.971793279814815					
8 54	LAYING Freq Body -0.953538563888889	Accelerometer	NA NA	Mean	Х	
8	LAYING Freq Body	Accelerometer	NA NA	Mean	v	
54	-0.951816663703704	HOCCICIOMCCCI	1421	nean	_	
8	LAYING Freq Body	Accelerometer	NA NA	Mean	Z	
54	-0.944269514074074					
8	LAYING Freq Body	Accelerometer	NA NA	SD	X	
54	-0.940125298333333	_				
8	LAYING Freq Body	Accelerometer	NA NA	SD	Y	
54 8	-0.931236756962963 LAYING Freq Body	Accelerometer	NA NA	SD	Z	
54	-0.931146497518519	Acceletometel	NA NA	שט	Ц	
8	LAYING Freq Body	Accelerometer	NA Magn	itude	Mean	NA
54	-0.932279645518518		. 3			
8	LAYING Freq Body	Accelerometer	NA Magn	itude	SD	NA
54	-0.917257979425926					
8	LAYING Freq Body	Accelerometer	Jerk NA	Mean	X	
54	-0.973110596111111		_ ,			
8	LAYING Freq Body -0.975877437407407	Accelerometer	Jerk NA	Mean	Y	
54 8	LAYING Freq Body	Nagoloromotor	Jerk NA	Mean	7	
54	-0.962111136666667	Acceletometel	DELK NA	Mean	2	
8	LAYING Freq Body	Accelerometer	Jerk NA	SD	Х	
54	-0.975959911481481					
8	LAYING Freq Body	Accelerometer	Jerk NA	SD	Y	
54	-0.979170881666667					
8		Accelerometer	Jerk NA	SD	Z	
54	-0.968699222962963		_			
8		Accelerometer	Jerk Magn	itude	Mean	NA
54	-0.961792852407407	Nagoloromotor	Tork Moan	:+d.	CD	NT 7N
8 54	LAYING Freq Body -0.963791094259259	Accetetometer	Jerk Magn	ıtude	מפ	NA
8	SITTING Time NA	Gyroscope NA	NA Mean	X		
46	-0.0547396987173913	ojioboopo iiii	1,11			
8	SITTING Time NA	Gyroscope NA	NA Mean	Y		
46	-0.0955089236521739					
8	SITTING Time NA	Gyroscope NA	NA Mean	Z	46	
0.07	16048809782609					
8		Gyroscope NA	NA SD	X		
46	-0.984524052826087					

8 46	SITTING -0.971500		Gyroscope	NA	NA	SD	Y		
8	SITTING	Time NA	Gyroscope	NA	NA	SD	Z		
46	-0.959623	548478261							
8	SITTING	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
46	-0.932682	24326087							
8	SITTING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
46	-0.953001	632173913							
8	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	X		
46		0250434783	}						
8	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
46		3770652174							
8	SITTING		Gyroscope	Jerk	NA	Mean	Z		
46		2240217391							
8	SITTING		Gyroscope	Jerk	NA	SD	X		
46	-0.993264								
8	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Y		
46	-0.988876								
8	SITTING		Gyroscope	Jerk	NA	SD	Z		
46	-0.985241								
8	SITTING	Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
46	-0.991807								
8	SITTING	Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
46	-0.986756	670869565							
8	SITTING	Time Body	Accelerom	eter	NA	NA	Mean	X	46
0.267	7491472934								
8	SITTING	Time Body	Accelerom	eter	NA	NA	Mean	Y	
46	-0.006725	5062130434	. 8						
8	SITTING	Time Body	Accelerom	eter	NA	NA	Mean	Z	
46	-0.104461	049130435							
8	SITTING	Time Body	Accelerom	eter	NA	NA	SD	X	
46	-0.979026	152391304							
8	SITTING	Time Body	Accelerom	eter	NA	NA	SD	Y	
46	-0.927331	997021739							
8	SITTING	Time Body	Accelerom	eter	NA	NA	SD	$\mathbf{Z}$	
46	-0.939553	030217391							
8	SITTING	Time Body	Accelerom	eter	NA	Magn	itude	Mean	NA
46	-0.952139	704347826							
8	SITTING	Time Body	Accelerom	eter	NA	Magn	itude	SD	NA
46	-0.929943	615630435							
8	SITTING	Time Body	Accelerom	eter	Jerk	NA	Mean	X	46
0.078	3671376108	6957							
8	SITTING	Time Body	Accelerom	eter	Jerk	NA	Mean	Y	
46	-0.006575	1630671304	4						
8	SITTING	Time Body	Accelerom	eter	Jerk	NA	Mean	Z	
46	-0.010680	8920069565							
8	SITTING	Time Body	Accelerom	eter	Jerk	NA	SD	X	

```
46
     -0.985188753695652
8
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
46
     -0.980784606086957
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
46
     -0.985285807173913
8
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
46
     -0.986061512173913
8
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
46
     -0.980667377391304
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean X
46
     0.832453878043478
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NΑ
                                                          Mean Y
46
     0.240095117065217
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
46
     0.263895185521739
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
46
     -0.966757967173913
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Y
46
     -0.937462301369565
8
     SITTING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
46
     -0.935475331521739
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
     46
          -0.952139704347826
NA
8
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
          -0.929943615630435
NA
     46
8
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
46
     -0.982200309782609
8
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
46
     -0.97658989
8
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
46
     -0.961798676956522
8
                          Gyroscope NA
     SITTING
                Freq NA
                                          NA
                                                SD
                                                     Х
46
     -0.985339301521739
                          Gyroscope NA
8
     SITTING
                Freq NA
                                          NA
                                                SD
                                                     Y
46
     -0.96892443326087
8
                          Gyroscope NA
                                                     Z
     SITTING
                Freq NA
                                          NA
                                                SD
46
     -0.962632253913044
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
     -0.965806789347826
46
8
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     SITTING
                Freq NA
46
     -0.953251156521739
8
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
46
     -0.987730604130435
8
     SITTING
                          Gyroscope Jerk Magnitude SD
                Freq NA
                                                          NA
46
     -0.986147262608696
8
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
     -0.981142909782609
46
```

8 46	SITTING -0.944219	Freq Body	Accelerome	eter	NA	NA	Mean	Y	
8	SITTING	Freq Body	Accelerome	eter	NA	NA	Mean	Z	
46 8		Freq Body	Accelerome	eter	NA	NA	SD	X	
46 8	-0.978256 SITTING	730652174 Freq Body	Accelerome	eter	NA	NA	SD	Y	
46 8	-0.923829 SITTING		Accelerome	eter	NA	NA	SD	Z	
46 8	-0.933889				NA	Magn	itude	Mean	NΑ
46 8	-0.947981 SITTING	783478261			NA	_	itude		NA
6 46	-0.931721		Accelerome	erer	NA	Magii.	rtude	מפ	NA
8 46	SITTING -0.984977	Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
8	SITTING	Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
46 8		Freq Body	Accelerome	eter	Jerk	NA	Mean	Z	
46 8	-0.982995 SITTING	311086956 Freq Body	Accelerome	eter	Jerk	NA	SD	X	
46 8	-0.986913 SITTING		Accelerome	eter	Jerk	NA	SD	Y	
46 8	-0.983038 SITTING	783478261 Freq Body	Accelerome	eter	Jerk	NA	SD	Z	
46 8	-0.986185 SITTING	349347826	Accelerome		Jerk	Magn	itude	Mean	NΑ
46	-0.980932	292391304				_			
8 46	SITTING -0.979320		Accelerome	eter	Jerk	Magn	itude	SD	NA
8	STANDING		Gyroscope	NA	NA	Mean	X		
54 8	STANDING		Gyroscope	NA	NA	Mean	Y		
54 8	-0.028011 STANDING	7633814815 Time NA	Gyroscope	NA	NA	Mean	Z	54	
	3688907								
8 54	STANDING -0.972990	Time NA	Gyroscope	NA	NA	SD	X		
8	STANDING	Time NA	Gyroscope	NA	NA	SD	Y		
54 8	-0.969421 STANDING	045555556 Time NA	Gyroscope	NΙΛ	NA	SD	Z		
5 54	-0.974118		Gyroscope	IVA	IVA	עט	Д		
8	STANDING		Gyroscope	NA	Magn	itude	Mean	NA	
54	-0.952848		Curocassa	NT 7A	M ~ ~ ~ ·	:+,,,,,,	CD	NT 7A	
8 54	STANDING -0.953224	Time NA 78962963	Gyroscope	NА	magn	itude	מפ	NA	
8	STANDING	Time NA	Gyroscope	Jerk	NA	Mean	X		

54	-0.097757576							
54 8	STANDING Time NA	Gyroscope	Jerk	NΑ	Mean	Y		
54	-0.0485190684259259	Сутовсоре	OCIK	1117	ricuii	1		
8	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Z		
54	-0.0478483225666667	2 · - F ·						
8	STANDING Time NA	Gyroscope	Jerk	NA	SD	X		
54	-0.981573085740741	_						
8	STANDING Time NA	Gyroscope	Jerk	NA	SD	Y		
54	-0.985508765185185							
8	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
54	-0.989270900740741	G	T =1	M =	. د	M =	37.7	
8 54	STANDING Time NA -0.987580587777778	Gyroscope	Jerk	magn:	ıtude	мean	NA	
54 8	STANDING Time NA	Gyroscope	Jork	Magn	i+ııde	מפ	NA	
o 54	-0.982460332222222	Gyroscope	OCTV	riayii.	Luue	עט	INT	
8	STANDING Time Body	Accelerome	eter	NA	NA	Mean	X	54
	9620986111111							
8		Accelerome	eter	NA	NA	Mean	Y	
54	-0.0148113067148148							
8	STANDING Time Body	Accelerome	eter	NA	NA	Mean	Z	
54	-0.106114996837037							
8	<del>-</del>	Accelerome	eter	NA	NA	SD	X	
54	-0.988815418148148					~-		
8	<del>-</del>	Accelerome	eter	NA	NA	SD	Y	
54	-0.938479429074074	70007000		NT 70	NT 70	CD	7	
8 54	STANDING Time Body -0.926065255185185	Accelerome	ecer	NA	NA	SD	Z	
8		Accelerome	oter	NA	Magn	i + 11de	Mean	NΔ
54	-0.953762884074074	1100CTET OHIG	CCI	1117	riugii.	Luue	ricuii	7/17
8	STANDING Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
54	-0.937187185222222		_					-
8	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	X	54
0.075	53739045185185							
8	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	Y	54
0.008	814951727462963							
8	<del>-</del>	Accelerome	eter	Jerk	NA	Mean	Z	54
_	322153267648148					~-		
8	-	Accelerome	eter	Jerk	NA	SD	X	
54	-0.989198879814815	70007000		To1-	NT 70	CD	v	
8 54	STANDING Time Body -0.976442140740741	Accelerome	ecer	Jerk	NA	SD	Y	
54 8		Accelerome	otor	Jerk	NΙΔ	SD	Z	
o 54	-0.982610899259259	VCCETETOIII	- CET	OCIV	71177	עט	Ц	
8		Accelerome	eter	Jerk	Magn	itude	Mean	NA
54	-0.98492079777778			2 2 1 11	9		110411	-1
8		Accelerome	eter	Jerk	Magn	itude	SD	NA
54	-0.979932239074074				,			

8 54	STANDING Time Gravi 0.957669921111111	ity Accel	Lerome	eter	NA	NA	Mean	X
8 54	STANDING Time Gravi -0.0904603488214815	ity Accel	Lerome	eter	NA	NA	Mean	Y
8 54	STANDING Time Gravi -0.0979392024814815	ity Accel	Lerome	eter	NA	NA	Mean	Z
8 54	STANDING Time Gravi -0.987690217222222	ity Accel	Lerome	eter	NA	NA	SD	X
8 54	STANDING Time Gravi -0.958904114074074	ity Accel	Lerome	eter	NA	NA	SD	Y
8 54	STANDING Time Gravi -0.918293913703704	ity Accel	Lerome	eter	NA	NA	SD	Z
8 NA	STANDING Time Gravi 54 -0.953762884074	-	Lerome	eter	NA	Magn	itude	Mean
8 NA	STANDING Time Gravi 54 -0.937187185222	ity Accel	Lerome	eter	NA	Magn	itude	SD
8 54		Gyroscope	NA	NA	Mean	X		
8 54	STANDING Freq NA -0.972595487037037	Gyroscope	NA	NA	Mean	Y		
8 54	STANDING Freq NA -0.975512276666667	Gyroscope	NA	NA	Mean	Z		
8 54	STANDING Freq NA -0.974200997592593	Gyroscope	NA	NA	SD	X		
8 54	STANDING Freq NA -0.968055495925926	Gyroscope	NA	NA	SD	Y		
8 54	STANDING Freq NA -0.975976456111111	Gyroscope	NA	NA	SD	Z		
8 54	STANDING Freq NA -0.964564224074074	Gyroscope	NA	Magn	itude	Mean	NA	
8 54	STANDING Freq NA -0.954119826296296	Gyroscope	NA	Magn	itude	SD	NA	
8 54	STANDING Freq NA -0.983709233333333	Gyroscope	Jerk	Magn	itude	Mean	NA	
8 54	STANDING Freq NA -0.981832336296296	Gyroscope	Jerk	Magn	itude	SD	NA	
8 54	STANDING Freq Body -0.988219862222222	Accelerome	eter	NA	NA	Mean	X	
8 54	STANDING Freq Body -0.9500491	Accelerome	eter	NA	NA	Mean	Y	
8 54		Accelerome	eter	NA	NA	Mean	Z	
8 54	STANDING Freq Body -0.98918374962963	Accelerome	eter	NA	NA	SD	X	
8	STANDING Freq Body	Accelerome	eter	NA	NA	SD	Y	
54 8	-0.936231722777778 STANDING Freq Body	Accelerome	eter	NA	NA	SD	Z	

54	-0.919744963888889							
8	STANDING Freq Body	Accelerome	eter	NA	Magn	itude	Mean	NA
54	-0.953746070740741				_			
8	STANDING Freq Body	Accelerome	eter	NA	Magn	itude	SD	NA
54	-0.938628186322222	_		_				
8	STANDING Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
54	-0.989029238518519	Aggolorom		Torde	NT 70	Moon	v	
8 54	STANDING Freq Body -0.976177675	Accelerome	scer	Jerk	NA	Mean	ĭ	
8	STANDING Freq Body	Accelerome	eter	Jerk	NA	Mean	Z	
54	-0.979477193333333				_,			
8	STANDING Freq Body	Accelerome	eter	Jerk	NA	SD	X	
54	-0.990414086851852							
8	STANDING Freq Body	Accelerome	eter	Jerk	NA	SD	Y	
54	-0.97858173	3 3		T1-	377	a D	-	
8 54	STANDING Freq Body -0.984465744444444	Accelerome	eter	Jerk	NA	SD	Z	
8	STANDING Freq Body	Accelerome	eter	Jerk	Magn:	i + 11de	Mean	NΔ
54	-0.979745872037037	ACCCICION	CCI	UCIK	nagn	Leade	ricuii	1421
8	STANDING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
54	-0.979135440925926							
8	WALKING Time NA	Gyroscope	NA	NA	Mean	X	48	
	35088228254167							
8	WALKING Time NA	Gyroscope	NA	NA	Mean	Y		
48	-0.095791790535	C	NT 70	3.7.73	Moon	<b>17</b>	4.0	
8	WALKING Time NA 09657915395833	Gyroscope	NA	NA	Mean	Z	48	
8	WALKING Time NA	Gyroscope	NA	NA	SD	Х		
48	-0.1992097184375	суговоорс	1111	1411	DD	21		
8	WALKING Time NA	Gyroscope	NA	NA	SD	Y		
48	-0.2119972775							
8	WALKING Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
48	-0.0754447842395833				_			
8	WALKING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
48	-0.00310243820125	Crroggono	NT 70	Magn	: + d o	CD	NT 70	
8 48	WALKING Time NA -0.238746703958333	Gyroscope	NA	Magii.	itude	מפ	NA	
8	WALKING Time NA	Gyroscope	Jerk	NΑ	Mean	x		
48	-0.135886431360417	суговоорс	CCIN	1411	iicaii	21		
8	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Y		
48	-0.0314880905541667							
8	WALKING Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
48	-0.0522683965333333							
8	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
48	-0.2460827504375	G	T 1	37.7	ar.	37		
8 48	WALKING Time NA -0.428055700208333	Gyroscope	Jerk	ΝA	SD	Y		
40	-0.420055/00208333							

8 48	WALKING -0.388446			Gyros	cope	Jerk	NA	SD	Z		
8	WALKING	Time N		Gyros	cope	Jerk	Magni	tude	Mean	NA	
48	-0.339129	2695833	333	_	_		_				
8	WALKING	Time N	IΑ	Gyros	cope	Jerk	Magni	tude	SD	NA	
48	-0.502957										
8	WALKING	Time B	Body	Accel	erome	eter	NA	NA	Mean	X	48
	468631										
8	WALKING	Time B	_	Accel	.erome	eter	NA	NA	Mean	Y	
48 8	-0.0186628			Nago 1	oromo	+ or	NA	NA	Mean	7	
48	-0.107252		_	ACCEI	erome	cer	IVA	IVA	Mean	ப	
8	WALKING			Accel	erome	eter	NA	NA	SD	X	
48	-0.173605			110001	or onic		1111	1111	S.D	21	
8	WALKING	Time B		Accel	erome	eter	NA	NA	SD	Y	48
0.380	0782052708		-								
8	WALKING	Time B	Body	Accel	erome	eter	NA	NA	SD	$\mathbf{Z}$	
48	-0.142088	5318125	5								
8	WALKING			Accel	erome	eter	NA	Magni	tude	Mean	NA
48	0.0516786										
8	WALKING	Time B	Body	Accel	erome	eter	NA	Magni	Ltude	SD	NA
48	-0.180407						_ ,				10
8	WALKING		soay	Accel	erome	eter	Jerk	NA	Mean	Х	48
8	0339349083: WALKING		odu	Nagol	oromo	tor	Jerk	NT 7N	Mean	v	
48	-0.006039		_		.erome	CEI	OGIK	IVA	Mean	1	
8	WALKING	Time E			erome	eter	Jerk	NΑ	Mean	7.	
48	-0.000673		_	110001	. 01 01110		00111		110411	_	
8	WALKING			Accel	erome	eter	Jerk	NA	SD	X	
48	-0.258688		_								
8	WALKING	Time B	Body	Accel	erome	eter	Jerk	NA	SD	Y	48
	3987544458										
	WALKING		_	Accel	erome	eter	Jerk	NA	SD	$\mathbf{Z}$	
48	-0.383200			_							
8	WALKING	Time E	_	Accel	.erome	eter	Jerk	Magni	Ltude	Mean	NA
48	-0.066832			7 ~ ~ ~ 1	oromo	+ - ~	Tords	Magn	المار المار	CD	N170
8 48	WALKING -0.184571		_	Accel	erome	eter	Jerk	Magni	Ltude	מפ	NA
8	WALKING			+ 37	Accel	erome	tor	NA	NA	Mean	Y
48	0.9135863			. C y	MCCCI	CIOIIIC	CCI	1421	1421	ncan	Λ
8	WALKING			tv	Accel	erome	eter	NA	NA	Mean	Y
48	-0.217102			4							
8	WALKING	Time G	ravi	ty	Accel	erome	eter	NA	NA	Mean	Z
48	-0.186267	8369620	21								
8	WALKING	Time G		ty	Accel	erome	eter	NA	NA	SD	X
48	-0.974752										
8	WALKING	Time G	ravi	ty	Accel	erome	eter	NA	NA	SD	Y

48	-0.956781505625							
8	WALKING Time Grav	ity Acce	lerom	eter	NA	NA	SD	$\mathbf{Z}$
48	-0.956640104791667							
8	WALKING Time Grav	-	lerom	eter	NA	Magn	itude	Mean
NA	48 0.051678627810		_					
8		ity Acce	lerome	eter	NA	Magn	itude	SD
NA	48 -0.1804072826	<b>G</b>	373	377	36			
8	WALKING Freq NA -0.102063053808333	Gyroscope	NA	NA	Mean	Х		
48 8		Curagana	NT 7\	NT 7\	Moan	v		
48	WALKING Freq NA -0.259729692333333	Gyroscope	IVA	NA	Mean	I		
8	WALKING Freq NA	Gyroscope	NΔ	NA	Mean	7.		
48	-0.132902199479167	dyrobcope	1421	1421	ncun	_		
8	WALKING Freq NA	Gyroscope	NA	NA	SD	Х		
48	-0.234252005895833	-1						
8	WALKING Freq NA	Gyroscope	NA	NA	SD	Y		
48	-0.1908057215							
8	WALKING Freq NA	Gyroscope	NA	NA	SD	Z		
48	-0.1429742348125							
8	WALKING Freq NA	Gyroscope	NA	Magn	itude	Mean	NA	
48	-0.301241848645833							
8	WALKING Freq NA	Gyroscope	NA	Magn	itude	SD	NA	
48	-0.327459577895833							
8	WALKING Freq NA	Gyroscope	Jerk	Magn:	itude	Mean	NA	
48	-0.473026230833333	<b>G</b>	T1-	36		an	377	
8 48	WALKING Freq NA -0.581240190833333	Gyroscope	Jerk	magn.	ıtude	รบ	NA	
8		Accelerom	otor	NA	NA	Mean	v	
48	-0.247389011875	Acceletom	erer	IVA	IVA	Mean	Λ	
8		Accelerom	eter	NA	NA	Mean	v	48
	6982393333333	neceterom	CCCI	1421	1421	nean	-	10
8	WALKING Freq Body	Accelerom	eter	NA	NA	Mean	Z	
	-0.238634594791667			-				
8	WALKING Freq Body	Accelerom	eter	NA	NA	SD	X	
48	-0.148386858858333							
8	WALKING Freq Body	Accelerom	eter	NA	NA	SD	Y	48
0.32	484493125							
8		Accelerom	eter	NA	NA	SD	Z	
48	-0.158437341970833							
8		Accelerom	eter	NA	Magn	itude	Mean	NA
48	-0.09521728274375	_						
8		Accelerom	eter	NA	Magn	itude	SD	NA
48	-0.360818978541667	<b>3 3</b>	- 1	T1-	377	36	37	
8		Accelerom	eter	Jerk	NA	Mean	Х	
48	-0.311198711041667	70001000	0+0~	To 201-	NT 7N	Moor	v	10
8	WALKING Freq Body 96832872416667	Accelerom	erer	Jerk	MM	Mean	I	48
0.07	/ UU J Z U / Z 4 I U U U /							

8 48	WALKING Freq Body F -0.361563262083333	Accel	erome	ter Jerk	NA	Mean	Z	
8	WALKING Freq Body A	Accel	erome	ter Jerk	NA	SD	X	
48	-0.271448185291667							
8	WALKING Freq Body A	Accel	erome	ter Jerk	NA	SD	Y	48
0.31	5883536479167 WALKING Freq Body A	Nago 1	oromo	ter Jerk	NT 7A	SD	Z	
6 48	WALKING Freq Body F -0.4044825094375	чссет	erome	cer berk	NA	עמ	4	
8	WALKING Freq Body A	Accel	erome	ter Jerk	Magni	itude	Mean	NA
48	-0.123834409766667				_			
8	WALKING Freq Body A	Accel	erome	ter Jerk	Magni	Ltude	SD	NA
48	-0.276436130125	n		<b>G</b>	373			
8 38	WALKING_DOWNSTAIRS T -0.121189625973684	Гime	NA	Gyroscope	NA	NA	Mean	X
8		Гime	NA	Gyroscope	NA	NA	Mean	Υ
38	-0.0500760173342105			-7				_
8	WALKING_DOWNSTAIRS T	Гime	NA	Gyroscope	NA	NA	Mean	Z
38	0.114143855152368							
8	<del>_</del>	Гime	NA	Gyroscope	NA	NA	SD	X
38 8	-0.258430885531579 WALKING DOWNSTAIRS T	Гime	NT 7A	Gyroscope	NT 7N	NA	SD	Y
38	0.0243131207736842	TIME	IVA	Gyloscope	IVA	IVA	ענ	I
8		Гime	NA	Gyroscope	NA	NA	SD	Z
38	-0.129565242710526							
50	-0.129303242/10320							
8	WALKING_DOWNSTAIRS T	Гime	NA	Gyroscope	NA	Magni	tude	Mean
8 NA	WALKING_DOWNSTAIRS T 38 0.09934297440789	947				_		
8 NA 8	WALKING_DOWNSTAIRS T 38 0.09934297440789 WALKING_DOWNSTAIRS T	947 Cime		Gyroscope Gyroscope		_	tude tude	
8 NA 8 NA	WALKING_DOWNSTAIRS T 38 0.09934297440789 WALKING_DOWNSTAIRS T 38 -0.0466291872078	947 Cime 3947	NA	Gyroscope	NA	Magni	tude	SD
8 NA 8 NA 8	WALKING_DOWNSTAIRS T 38 0.09934297440789 WALKING_DOWNSTAIRS T 38 -0.0466291872078 WALKING_DOWNSTAIRS T	947 Cime	NA		NA	Magni		SD
8 NA 8 NA	WALKING_DOWNSTAIRS T 38  0.09934297440789 WALKING_DOWNSTAIRS T 38  -0.0466291872078 WALKING_DOWNSTAIRS T -0.0349283489710526	947 Cime 3947	NA NA	Gyroscope	NA Jerk	Magn:	tude	SD X
8 NA 8 NA 8 38	WALKING_DOWNSTAIRS T 38  0.09934297440789 WALKING_DOWNSTAIRS T 38  -0.0466291872078 WALKING_DOWNSTAIRS T -0.0349283489710526	947 Time 3947 Time	NA NA	Gyroscope	NA Jerk	Magn:	tude Mean	SD X
8 NA 8 NA 8 38 8 38	WALKING_DOWNSTAIRS T 38  0.09934297440789 WALKING_DOWNSTAIRS T 38  -0.0466291872078 WALKING_DOWNSTAIRS T -0.0349283489710526 WALKING_DOWNSTAIRS T -0.0534969692794737 WALKING_DOWNSTAIRS T	947 Time 3947 Time	NA NA NA	Gyroscope	NA Jerk Jerk	Magni NA NA	tude Mean	SD X Y
8 NA 8 NA 8 38 8 38 8	WALKING_DOWNSTAIRS T 38 0.09934297440789 WALKING_DOWNSTAIRS T 38 -0.0466291872078 WALKING_DOWNSTAIRS T -0.0349283489710526 WALKING_DOWNSTAIRS T -0.0534969692794737 WALKING_DOWNSTAIRS T -0.0867903297078947	947 Fime B947 Fime Fime	NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean Mean	SD X Y Z
8 NA 8 NA 8 38 8 38 8	WALKING_DOWNSTAIRS T 38  0.09934297440789 WALKING_DOWNSTAIRS T 38  -0.0466291872078 WALKING_DOWNSTAIRS T -0.0349283489710526 WALKING_DOWNSTAIRS T -0.0534969692794737 WALKING_DOWNSTAIRS T -0.0867903297078947 WALKING_DOWNSTAIRS T	947 Time 3947 Time	NA NA NA	Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean	SD X Y
8 NA 8 NA 8 38 8 38 8 38	WALKING_DOWNSTAIRS TO 18	947 Fime 8947 Fime Fime Fime	NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk	Magni NA NA NA	Mean Mean Mean Mean SD	SD X Y Z
8 NA 8 NA 8 38 8 38 8 38 8	WALKING_DOWNSTAIRS TO 18	947 Fime B947 Fime Fime	NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean Mean	SD X Y Z
8 NA 8 NA 8 38 8 38 8 38	WALKING_DOWNSTAIRS TO 18	P47 Fime B947 Fime Fime Fime Fime	NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean Mean SD	SD X Y Z
8 NA 8 NA 8 38 8 38 8 38 8 38	WALKING_DOWNSTAIRS TO 18	947 Fime 8947 Fime Fime Fime	NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD	SD X Y Z X
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8	WALKING_DOWNSTAIRS TO 18	P47 Fime B947 Fime Fime Fime Fime Fime Fime	NA NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8	WALKING_DOWNSTAIRS TO 18	P47 Fime B947 Fime Fime Fime Fime Fime Fime Fime Fime	NA NA NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8 38 8 38 8 38 8	WALKING_DOWNSTAIRS TO 18	P47 Fime 8947 Fime Fime Fime Fime Fime Fime Fime Fime	NA NA NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8 NA 8 NA	WALKING_DOWNSTAIRS TO 18	P47 Fime B947 Fime Fime Fime Fime Fime Fime Fime Fime	NA NA NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA Magni	Mean Mean Mean SD SD SD Ltude	SD X Y Z X Y Z Mean SD
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8 38 8 38 8 38 8	WALKING_DOWNSTAIRS TO 18	P47 Fime B947 Fime Fime Fime Fime Fime Fime Fime Fime	NA NA NA NA NA NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean
8 NA 8 NA 8 38 8 38 8 38 8 38 8 38 8 38	WALKING_DOWNSTAIRS TO 18	P47 Fime 8947 Fime Fime Fime Fime Fime Fime Fime Fime	NA	Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Gyroscope Accelerom	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA Magni	Mean Mean Mean SD SD SD Ltude	SD X Y Z X Y Z Mean SD

```
Υ
     38
          -0.0211058674973684
8
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                   NA
                                                         NA
                                                              Mean
Z
          -0.107598135394737
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   NA
                                                         NA
                                                              SD
          0.0241393473736842
X
8
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                   NA
                                                         NA
                                                              SD
Υ
          0.343826273105263
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   NA
                                                         NA
                                                              SD
Z
          0.1337170395
8
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                   NA
                                                        Magnitude
               0.176599311818421
Mean NA
          38
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   NA
                                                        Magnitude
SD
               0.131337867236842
     WALKING DOWNSTAIRS
8
                         Time Body Accelerometer
                                                   Jerk NA
                                                              Mean
Х
          0.118938088342105
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   Jerk NA
                                                              Mean
Υ
          -0.0380193846210526
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   Jerk NA
                                                              Mean
Z
          -0.0394356157631579
                         Time Body Accelerometer
8
     WALKING DOWNSTAIRS
                                                   Jerk NA
                                                              SD
Х
          0.250143724521053
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   Jerk NA
                                                              SD
Y
          0.288140718789474
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                   Jerk NA
                                                              SD
Z
          -0.0135136269
8
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                   Jerk Magnitude
               0.262628490268421
Mean NA
8
     WALKING DOWNSTAIRS
                         Time Body Accelerometer Jerk Magnitude
SD
          38
               0.2534082561
8
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
               0.914023498421053
Mean X
          38
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
          38
               -0.187610243421053
Mean Y
                                         Accelerometer
8
     WALKING DOWNSTAIRS Time Gravity
                                                        NA
                                                              NA
               -0.141817934963684
Mean Z
          38
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
                                                        NA
                                                              NA
SD
               -0.945766561578947
          38
8
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
          38
               -0.941580934473684
8
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
                                                        NA
                                                              NA
SD
               -0.897190012631579
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
                                                         NA
Magnitude Mean NA
                    38
                         0.176599311818421
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
Magnitude SD
               NA
                     38
                         0.131337867236842
     WALKING DOWNSTAIRS Freq NA
                                    Gyroscope NA
                                                   NA
                                                        Mean X
     -0.130740445236842
38
```

8	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Y
38 8	0.116090879026316 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
38 8	0.0277498065176316 WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X
38 8	-0.302735102631579 WALKING DOWNSTAIRS	Freq		Gyroscope		NA	SD	Y
38	-0.0461356322868421	_		_				
8 38	WALKING_DOWNSTAIRS -0.268253406210526	Freq	NA	Gyroscope	NA	NA	SD	Z
8 NA	WALKING_DOWNSTAIRS 38 -0.000362729673	Freq		Gyroscope	NA	Magni	itude	Mean
8	WALKING_DOWNSTAIRS	Freq		Gyroscope	NA	Magni	itude	SD
NA 8	38 -0.255590314210 WALKING_DOWNSTAIRS	526 Freq	NA	Gyroscope	Jerk	Magni	Ltude	Mean
NA 8	38 -0.125179586744 WALKING DOWNSTAIRS	737 Freq	NΔ	Gyroscope	Jerk	Magni	i + 11de	SD
NA	38 -0.26298447	_				_		
8 X	WALKING_DOWNSTAIRS 38 0.1365901998605	_	Body	Accelerome	eter	NA	NA	Mean
8 Y	WALKING_DOWNSTAIRS 38 0.3884127797631	_	Body	Accelerome	eter	NA	NA	Mean
8	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Z 8	38 0.1595897565342 WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
X 8	38 -0.026046326007 WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	38 0.2321840780526	32	_					
8 Z	WALKING_DOWNSTAIRS 38 0.0214914840105	_	воау	Accelerome	eter	NA	NA	SD
8 Mean	<b>—</b>	_	_	Accelerome	eter	NA	Magn	itude
8	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD 8	NA 38 -0.1561410 WALKING_DOWNSTAIRS	Freq		Accelerome	eter	Jerk	NA	Mean
X 8	38 0.2148414028157 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y 8	38 0.2206396878684 WALKING DOWNSTAIRS	21	_			Jerk	NΙΛ	Mean
Z	$0.\overline{0}586096890447$	368	-					
8 X	WALKING_DOWNSTAIRS 38 0.1726589820657	_	Body	Accelerome	eter	Jerk	NA	SD
8 Y	WALKING_DOWNSTAIRS 38 0.2739437917736	_	Body	Accelerome	eter	Jerk	NA	SD
8	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Z 8	38 -0.084667418684 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magni	itude

Mean	NA 38 0.3315284599210	053					
8			Accelerome	eter	Jerk	Magn	itude
SD	NA 38 0.1347347312368	_				,	
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	X
41	0.19270447595122						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	Y
41	-0.204205356087805						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
41	-0.0724546025804878						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	X
41	-0.367428367219512						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Y
41	-0.0666980861414634						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
41	0.337526477436585						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	41 0.166447991						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magn	itude	SD
NA	41 -0.109327923829268						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
41	-0.15544567414878						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Y
41	-0.027919577097561						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
41	-0.0534090382439024						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	X
41	-0.40507069195122						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
41	-0.424675673414634						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
41	-0.430366658780488						
8	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	41 -0.400664014146341						
8	<b>—</b>	NA	Gyroscope	Jerk	Magn	itude	SD
NA	41 -0.493975031707317						
8	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
X	41 0.258880152048781						
8	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
Y	41 -0.0282415136341463						
8	<del>_</del>	Body	Accelerome	eter	NA	NA	Mean
Z	41 -0.11512211995122						
8	<del>_</del>	Body	Accelerome	eter	NA	NA	SD
X	41 -0.171712174634146						
8	<b>—</b>	Body	Accelerome	eter	NA	NA	SD
Y	41 0.348768733170732						
8	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Z	41 0.121187278790244						

8	WALKING_UPSTAIRS		_	Accele	erome	ter	NA	Magni	tude
Mean 8	NA 41 0.12102662 WALKING_UPSTAIRS			Accele	erome	ter	NA	Magni	tude
SD	NA 41 -0.2272002							,	
8	WALKING_UPSTAIRS		ody .	Accele	erome	ter	Jerk	NA	Mean
X 8	41 0.0813816809399 WALKING UPSTAIRS		odv	Accele	erome	ter	Jerk	NΔ	Mean
Y	41 0.014120592097		ouy .	ACCCI		CCI	OCIK	1471	rican
8	WALKING_UPSTAIRS		ody .	Accele	erome	ter	Jerk	NA	Mean
Z	41 -0.067458391920		_						
8 X	WALKING_UPSTAIRS 41 -0.186618895268		sody .	Accele	erome	ter	Jerk	NA	SD
8	WALKING UPSTAIRS		vbo	Accele	rome	ter	Jerk	NΑ	SD
Y	41 -0.012350110492		ou <sub>j</sub> .	10001		CCI	OCIN	1111	
8	WALKING_UPSTAIRS		ody .	Accele	erome	ter	Jerk	NA	SD
Z	41 -0.44751817909								
8	WALKING_UPSTAIRS			Accele	erome	ter	Jerk	Magni	tude
Mean 8	NA 41 -0.1414940 WALKING_UPSTAIRS			Nago 1	aromo	tor	Tork	Magni	+udo
o SD	NA 41 -0.2282963			ACCET	st Ollie	rei	nerk	Magiii	Luue
8	WALKING UPSTAIRS			ty Z	Accel	erome	ter	NA	NA
Mean	x 41 0.8603687			-					
8	WALKING_UPSTAIRS			ty 1	Accel	erome	ter	NA	NA
Mean									
8 Maan	WALKING_UPSTAIRS Z 41 -0.1923069			ty A	Accel	erome	ter	NA	NA
Mean 8	WALKING UPSTAIRS			tv 7	Accel	erome	ter	NA	NA
SD	X 41 -0.9266732			<i>-</i> 1	10001	OI OIIIC		1121	1421
8	WALKING_UPSTAIRS	Time G	ravi	ty Z	Accel	erome	ter	NA	NA
SD	Y 41 -0.931032								
8	WALKING_UPSTAIRS			ty <i>I</i>	Accel	erome	ter	NA	NA
SD	Z 41 -0.8761689			L :	N ~ ~ ~ 1		+	3.7.73	
8 Magn	WALKING_UPSTAIRS itude Mean NA 41	0.1210				erome	ter	NA	
8 8	WALKING UPSTAIRS	Time G				erome	ter	NA	
	itude SD NA 41	-0.227		_		0101110	.001	-11-1	
8	WALKING_UPSTAIRS	Freq N	IA	Gyros	cope	NA	NA	Mean	X
41	-0.240260761682927								
8	WALKING_UPSTAIRS	Freq N	IA	Gyros	cope	NA	NA	Mean	Y
41	-0.113162144460976	T N		<b>G</b>		373		<b>M</b>	
8 41	WALKING_UPSTAIRS 0.16597418695122	Freq N	IA (	Gyros	cope	NA	NA	Mean	Z
8	WALKING UPSTAIRS	Freq N	ΙΔ (	Gyros	cone	NΑ	NA	SD	X
41	-0.409955580780488	N	·	-1-000	- opc	_144	-1-1	~~	
8	WALKING_UPSTAIRS	Freq N	IA	Gyros	cope	NA	NA	SD	Y
41	-0.0478802512585366								
8	WALKING_UPSTAIRS	Freq N	IA (	Gyros	cope	NA	NA	SD	Z

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41
     0.263202878429268
8
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude Mean
                          Freq NA
          -0.229610952609756
NA
     41
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    Magnitude SD
          -0.183325647134146
NA
     41
8
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
NA
          -0.46327057804878
8
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.575733290731707
     41
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
X
     41
          -0.166411065387805
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Y
     41
          0.263431399878049
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Z
          -0.0729496941121951
     41
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Х
          -0.175284990170732
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Y
     41
          0.30540146
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Z
     41
          0.133766193578049
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
          41
                -0.13026451905122
Mean NA
                          Freq Body Accelerometer
8
     WALKING UPSTAIRS
                                                     NA
                                                          Magnitude
                -0.409282851707317
SD
     NA
          41
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          -0.200277249165854
                          Freq Body Accelerometer
8
     WALKING UPSTAIRS
                                                     Jerk NA
                                                               Mean
          -0.0257952590634146
Y
     41
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Z
     41
          -0.386655803658537
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
          -0.24733661795122
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.0700821464439024
     41
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.508248316829268
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          41
               -0.131850567460976
8
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
                -0.379266499780488
     NA
          41
9
     LAYING
               Time NA
                          Gyroscope NA
                                               Mean X
                                          NA
     -0.013632036148
50
               Time NA
                          Gyroscope NA
     LAYING
                                          NA
                                               Mean Y
50
     -0.15890291983
     LAYING
                Time NA
                                                          50
                          Gyroscope NA
                                          NA
                                               Mean Z
0.101275010682
```

9	LAYING	Time	NA	Gyroscope	NA	NA	SD	X		
50	-0.9422465									
9	LAYING	Time	NA	Gyroscope	NA	NA	SD	Y		
50	-0.9266185	5314								
9	LAYING	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
50	-0.9615953	3704								
9	LAYING	Time	NA	Gyroscope	NA	Magni	Ltude	Mean	NA	
50	-0.9071250	0998								
9	LAYING	Time	NA	Gyroscope	NA	Magni	itude	SD	NA	
50	-0.8985578	8738								
9	LAYING	Time	NA	Gyroscope	Jerk	NA	Mean	X		
50	-0.1038466	67982								
9	LAYING	Time	NA	Gyroscope	Jerk	NA	Mean	Y		
50	-0.0275522	256948	3	1 1						
9	LAYING	Time		Gyroscope	Jerk	NA	Mean	Z		
50	-0.0569490		-	, E O	<b>-</b>	-	<b>-</b>			
9	LAYING	Time	NΑ	Gyroscope	Jerk	NΑ	SD	Х		
50	-0.9453290		-1	-1-000000	3 3 2 1 1	-1				
9	LAYING	Time	NΑ	Gyroscope	Jerk	NΑ	SD	Y		
50	-0.9621702		7477	cliopcobe	CLK	7477	20	_		
9	LAYING	Time	NΔ	Gyroscope	Jerk	NΔ	SD	Z		
50	-0.9770761		TAT.7	Clicacobe	OCIK	TAT.7	שנ	4		
9	LAYING	Time	NΙΔ	Gyroscope	Jork	Magn	i + 11de	Mean	NΙΔ	
9 50	-0.9645248		11\textit{LZ}	Gyroscope	OCIV	Mayiii	Luue	neall	11172	
9	LAYING	Time	NΙΛ	Gyroscope	Jerk	Magn	i + 11d0	GD.	NA	
9 50	-0.952801		INT	GATOSCOPE	OETV	mayiii	Luue	עט	INT	
9	-0.9528013		Pod:	Aggolorom:	2+0×	NT 7A	NA	Moan	v	50
	1AYING 91955368	ттие	ьоцу	Accelerome	2CGT	NA	WM	Mean	Λ	50
	LAYING	mima	Dod	700010000	2+ 0×	NT 74	NT 7A	Moon	v	
9			_	Accelerome	:cer	NA	NA	Mean	I	
50	-0.0205268			700010	a+ a	NT 7	NT 7	M = = ==	77	
9	LAYING		воаў	Accelerome	ecer	NA	NA	Mean	Z	
50	-0.1075497		D = -1	7.00-7	a.L	<b>3.7.7</b>	<b>3.7.7</b>	C.D.	<b>V</b>	
9	LAYING		воах	Accelerome	erer	NA	NA	SD	X	
50	-0.9423330							~-		
9	LAYING		Body	Accelerome	eter	NA	NA	SD	Y	
50	-0.9162927			_						
9	LAYING		Body	Accelerome	eter	NA	NA	SD	Z	
50	-0.9407072							_		
9	LAYING		Body	Accelerome	eter	NA	Magni	itude	Mean	NA
50	-0.9308684									
9	LAYING		Body	Accelerome	eter	NA	Magni	itude	SD	NA
50	-0.9151268									
Λ.	LAYING	Time	Body	Accelerome	eter	Jerk	NA	Mean	X	50
9										
	307344764									
	307344764 LAYING	Time	Body	Accelerome	eter	Jerk	NA	Mean	Y	50
0.088 9		Time	Body	Accelerome	eter	Jerk	NA	Mean	Y	50

```
50
     -0.0070536778584
9
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
50
     -0.9647404702
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Y
50
     -0.9639966798
9
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
     LAYING
50
     -0.958562455
9
     LAYING
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
50
     -0.9633745492
9
     LAYING
               Time Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
50
     -0.9550268052
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          Mean X
50
     -0.5802528348
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          Mean Y
50
     -0.1191541962
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          Mean Z
50
     0.9578730416
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               Х
50
     -0.9218210626
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               Υ
50
     -0.9699944882
                               Accelerometer
9
     LAYING
               Time Gravity
                                               NA
                                                    NA
                                                          SD
                                                               Z
50
     -0.9712046902
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
     50
          -0.9308684376
NA
9
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
          -0.91512680016
9
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
50
     -0.930297921
9
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
50
     -0.9345796594
9
                          Gyroscope NA
     LAYING
               Freq NA
                                          NA
                                               Mean Z
50
     -0.9598150092
                          Gyroscope NA
9
     LAYING
               Freq NA
                                          NA
                                               SD
                                                    Х
50
     -0.9463891504
9
                          Gyroscope NA
                                                    Y
     LAYING
               Freq NA
                                          NA
                                               SD
50
     -0.9231319366
                                                    \mathbf{z}
9
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
50
     -0.965686312
9
                          Gyroscope NA
                                          Magnitude Mean NA
     LAYING
               Freq NA
50
     -0.9186053356
9
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
50
     -0.9034005814
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
               Freq NA
50
     -0.9558062546
9
                          Gyroscope Jerk Magnitude SD
     LAYING
               Freq NA
                                                          NA
50
     -0.9522904702
```

9	LAYING Fro	eq Body	Accelerome	eter	NA	NA	Mean	X	
50 9	-0.946865494 LAYING Fro	ea Body	Accelerome	eter	NA	NA	Mean	Y	
50	-0.934366598		11000101011		1111	1111	mean	-	
9	LAYING Fro		Accelerome	eter	NA	NA	Mean	Z	
50	-0.945919000	5							
9	LAYING From	eq Body	Accelerome	eter	NA	NA	SD	X	
50	-0.940981027	2							
9			Accelerome	eter	NA	NA	SD	Y	
50	-0.912836750						~-	_	
9	LAYING Fro		Accelerome	eter	NA	NA	SD	Z	
50	-0.941971163		Aggolowom.		3.7.73	Magn	: d a	Moon	3.7.73
9 50	LAYING From -0.9266042953		Accetetome	eter	NA	magn.	itude	mean	NA
9	LAYING Fro		Aggolorom	otor	NA	Magn	itude	GD.	NA
50	-0.921929738		Acceletome	scer	IVA	Magii.	Luue	עט	IVA
9			Accelerome	ster	Jerk	NΔ	Mean	x	
50	-0.964304065	og body	neceición	CCI	UCIK	1471	ricuii	21	
9	LAYING From	ea Body	Accelerome	eter	Jerk	NA	Mean	Υ	
50	-0.964082806		11000101	3001	00111	-11-1	mair	-	
9	LAYING Fro		Accelerome	eter	Jerk	NA	Mean	Z	
50	-0.955909215	1 1							
9	LAYING From	eq Body	Accelerome	eter	Jerk	NA	SD	X	
50	-0.968601304	2							
9	LAYING From	eq Body	Accelerome	eter	Jerk	NA	SD	Y	
50	-0.966634136								
9	LAYING From		Accelerome	eter	Jerk	NA	SD	Z	
50	-0.959714717								
9	LAYING From		Accelerome	eter	Jerk	Magn	itude	Mean	NA
50	-0.954320585		_						
9			Accelerome	eter	Jerk	Magn:	itude	SD	NA
50	-0.955094712			377	373	36	77		
9	SITTING Tim		Gyroscope	NA	NA	Mean	Х		
50 9			Gyroscope	NT 7\	NA	Mean	v		
50	-0.041427118		Gyroscope	IVA	IVA	Mean	T		
9	SITTING Tim		Gyroscope	NΑ	NA	Mean	7.	50	
	07919285908	1171	dyrobcope	1421	1421	nean	_	30	
9		ne NA	Gyroscope	NA	NA	SD	Х		
50	-0.959020049			_,	_,				
9		ne NA	Gyroscope	NA	NA	SD	Y		
50	-0.919188226	1							
9	SITTING Tim	ne NA	Gyroscope	NA	NA	SD	Z		
50	-0.930176833	3							
9	SITTING Time	ne NA	Gyroscope	NA	Magn	itude	Mean	NA	
50									
9	SITTING Ti	ne NA	Gyroscope	NA	Magn	itude	SD	NA	

```
50
     -0.9066063206
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
     -0.0930708106
50
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
50
     -0.046663441472
9
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
50
     -0.052841489994
                          Gyroscope Jerk NA
9
     SITTING
               Time NA
                                               SD
                                                    Х
50
     -0.9645323452
9
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
50
     -0.9719274472
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     \mathbf{z}
50
     -0.9687388914
9
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
50
     -0.9733641366
9
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
50
     -0.9663610734
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
                                                               50
0.24832674354
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
50
     -0.02701677698
9
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
50
     -0.07537846886
9
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
50
     -0.9572277914
9
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Υ
50
     -0.875141405
9
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
50
     -0.83200187268
                                               Magnitude Mean NA
9
     SITTING
               Time Body Accelerometer
                                          NA
50
     -0.8933617176
9
               Time Body Accelerometer
                                               Magnitude SD
     SITTING
                                          NA
                                                               NA
50
     -0.8637564342
               Time Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean X
                                                               50
0.077005006374
     SITTING
               Time Body Accelerometer
                                                               50
                                          Jerk NA
                                                    Mean Y
0.009817397262
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                    Mean Z
50
     -0.008674672651
9
     SITTING
               Time Body Accelerometer
                                                          Х
                                          Jerk NA
                                                    SD
50
     -0.9645358564
9
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Υ
     -0.9567775448
50
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
50
     -0.9618894376
     SITTING
9
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
50
     -0.964383757
```

9 50	SITTING Time -0.9517802432	Body	Accel	Lerome	eter	Jerk	Magn	itude	SD	NA
9	SITTING Time	Gravi	ity	Accel	erome	eter	NA	NA	Mean	X
50 9	0.9163245106 SITTING Time		ity	Accel	erome	eter	NA	NA	Mean	Y
50 9	-0.04142582289 SITTING Time		ity	Accel	erome	eter	NA	NA	Mean	Z
50 9	0.085263099144 SITTING Time	Gravi	ity	Accel	erome	eter	NA	NA	SD	x
50 9	-0.9552804062 SITTING Time	Gravi	ity	Acce]	erome	eter	NA	NA	SD	Y
50 9	-0.94645197 SITTING Time	Gravi	ity	Acce]	erome	eter	NA	NA	SD	Z
50 9	-0.88585411242 SITTING Time		_				NA	Magn	itude	Mean
NA 9	50 -0.893361 SITTING Time	7176	_				NA	_	itude	
NA 9	50 -0.863756		_			NA	Mean	_	Leade	DD
50	-0.950315237		_	_						
9 50	SITTING Freq -0.9396930078		_	_		NA	Mean			
9 50	SITTING Freq -0.940312313		_	scope		NA	Mean	Z		
9 50	SITTING Freq -0.9618360162	NA	Gyros	scope	NA	NA	SD	X		
9 50	SITTING Freq -0.910583361	NA	Gyros	scope	NA	NA	SD	Y		
9 50	SITTING Freq -0.9341874784	NA	Gyros	scope	NA	NA	SD	Z		
9 50	SITTING Freq -0.9344377378	NA	Gyros	scope	NA	Magn	itude	Mean	NA	
9 50	SITTING Freq -0.9064712292	NA	Gyros	scope	NA	Magn	itude	SD	NA	
9	SITTING Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean	NA	
50 9	-0.9683155878 SITTING Freq	NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
50 9	_	Body	Accel	Lerome	eter	NA	NA	Mean	X	
50 9	-0.959413594 SITTING Freq	Body	Accel	Lerome	eter	NA	NA	Mean	Y	
50 9	-0.911683219 SITTING Freq	Body	Accel	Lerome	eter	NA	NA	Mean	Z	
50 9	-0.8922013438 SITTING Freq	Body	Accel	Lerome	eter	NA	NA	SD	X	
50 9	-0.956903459	Body				NA	NA	SD	Y	
-		1							_	

SITTING         Freq Body         Accelerometer         NA         NA </th <th>50</th> <th>-0.8676136</th> <th>60746</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	50	-0.8676136	60746													
SITTING				z Accelerom	eter	NΑ	NΑ	SD	7.							
90       SITTING       Freq Body       Accelerometer       NA       Magn tude       Mag Name       NA       NA <t< td=""><td></td><td></td><td></td><td>1100010101</td><td>0001</td><td>-11-1</td><td></td><td>22</td><td>_</td><td></td></t<>				1100010101	0001	-11-1		22	_							
SITTING				Accelerom	eter	NA	Magn	itude	Mean	NA						
SITTING	50			•												
9	9	SITTING	Freq Body	Accelerom	eter	NA	Magn	itude	SD	NA						
SITTING	50	-0.8691725	5114													
SITTING				Accelerom	eter	Jerk	NA	Mean	X							
SITTING				_												
90         SITTING         Freq Body         Accelerometer         Jerk NA         Mean         Z           50         -0.9575269752         Freq Body         Accelerometer         Jerk NA         SD         X           50         -0.9666604036         Freq Body         Accelerometer         Jerk NA         SD         Y           50         -0.9686229866         Freq Body         Accelerometer         Jerk NA         SD         Y           50         -0.9585229866         Freq Body         Accelerometer         Jerk NA         SD         Z           50         -0.9649413418         Body         Accelerometer         Jerk Magnitude         SD         NA           50         -0.9530504408         Body         Accelerometer         Jerk Magnitude         SD         NA           50         -0.9530504408         Body         Accelerometer         Jerk Magnitude         SD         NA           50         -0.9403049814         Butter         Body         Accelerometer         Jerk Magnitude         SD         NA           50         STANDING         Time NA         Gyroscope NA         NA         Mean         X         Y         Y         Y         Y         Y         Y				Accelerom	eter	Jerk	NA	Mean	Y							
Sitting				. Aggolorom	0+02	Torde	3.7.73	Moon	7							
SITTING       Freq Body Accelerometer       Jerk NA       SD       X         50       -0.9666604036       Jerk NA       SD       Y         9       SITTING       Freq Body Accelerometer       Jerk NA       SD       Y         9       SITTING       Freq Body Accelerometer       Jerk NA       SD       NA         50       -0.9530504408         9       SITTING       Freq Body Accelerometer       Jerk Magnitude       Mean NA         50       -0.9530504408         9       SITANDING       Time NA       Gyroscope NA       NA       Mean X       SD       NA         50       -0.9493949814       Gyroscope NA       NA       Mean X       STANDING       Time NA       Gyroscope NA       NA       Mean X       STANDING       Time NA       Gyroscope NA       NA       SD       X       STANDING       Time NA <td <="" colspan="6" td=""><td></td><td></td><td></td><td>Acceletom</td><td>erer</td><td>nerk</td><td>NA</td><td>Mean</td><td>Z</td><td></td></td>	<td></td> <td></td> <td></td> <td>Acceletom</td> <td>erer</td> <td>nerk</td> <td>NA</td> <td>Mean</td> <td>Z</td> <td></td>									Acceletom	erer	nerk	NA	Mean	Z	
SITTING				, Accelerom	eter	Jerk	NΑ	SD	x							
90       SITTING       Freq Body       Accelerometer       Jerk       NA       SD       Y         50       -0.9585229866       Jerk       NA       SD       Z         90       SITTING       Freq Body       Accelerometer       Jerk       NA       SD       Z         50       -0.9649413418       Jerk       Magn: total       Mean       NA         50       -0.9530504408       Jerk       Magn: total       Mean       NA         50       -0.9493949814       Jerk       Magn: total       SD       NA         50       -0.9493949814       Jerk       Mean       X       Y				riccercion	CCCI	OCIA	1421	DD.	21							
SITTING				Accelerom	eter	Jerk	NA	SD	Y							
50				•												
9       SITTING       Freq Body       Accelerometer       Jerk       Magnitude       Mean       NA         50       -0.953050408       Jerk       Magnitude       SD       NA         9       SITTING       Freq Body       Accelerometer       Jerk       Magnitude       SD       NA         50       -0.9493949814       Jerk       Jerk       Magnitude       SD       NA         45       -0.029183136346       Jerk       Jerk       Mean       X       Jerk       Jerk </td <td>9</td> <td>SITTING</td> <td>Freq Body</td> <td>Accelerom</td> <td>eter</td> <td>Jerk</td> <td>NA</td> <td>SD</td> <td><math>\mathbf{Z}</math></td> <td></td>	9	SITTING	Freq Body	Accelerom	eter	Jerk	NA	SD	$\mathbf{Z}$							
50       -0.9530504408         9       SITTING       Freq Body       Accelerometer       Jerk Magnitude       SD NA         50       -0.9493949814       STANDING       Time NA       Gyroscope NA       NA Mean X       STANDING       Time NA       Gyroscope NA       NA Mean X       STANDING       Time NA       Gyroscope NA       NA Mean Y       STANDING       Time NA       Gyroscope NA       NA Mean Z       45       45         9       STANDING       Time NA       Gyroscope NA       NA SD X       X       45       45         9       STANDING       Time NA       Gyroscope NA       NA SD X       X       45	50	-0.9649413	3418													
9       SITTING       Freq Body       Accelerometer       Jerk Magnitude       SD       NA         50       -0.949394 9814       STANDING       Time NA       Gyroscope       NA       NA       Mean       X       X       45       -0.02918 36346       STANDING       Time NA       Gyroscope       NA       NA       Mean       Y       Y       45       -0.060810       STANDING       Time NA       Gyroscope       NA       NA       Mean       Z       45       Y       45       -0.0933222222222       Y       45       -0.00000000000000000000000000000000000	9	SITTING	Freq Body	Accelerom	eter	Jerk	Magn	itude	Mean	NA						
50 -0.9493949814 9 STANDING Time NA Gyroscope NA NA Mean X 45 -0.029183136346 9 STANDING Time NA Gyroscope NA NA Mean Y 45 -0.060810158296 9 STANDING Time NA Gyroscope NA NA Mean Z 45 0.0992409332222222 9 STANDING Time NA Gyroscope NA NA SD X 45 -0.921990612 9 STANDING Time NA Gyroscope NA NA SD Y 45 -0.946046640444444 9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.939889737333333 9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.92103022311111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y																
9 STANDING Time NA Gyroscope NA NA Mean X 45 -0.029183136346 9 STANDING Time NA Gyroscope NA NA Mean Y 45 -0.060810158296 9 STANDING Time NA Gyroscope NA NA Mean Z 45 0.0992409332222222 9 STANDING Time NA Gyroscope NA NA SD X 45 -0.921990612 9 STANDING Time NA Gyroscope NA NA SD Y 45 -0.9460464044444 9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.939889737333333 9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.92103022311111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y				Accelerom	eter	Jerk	Magn	itude	SD	NA						
## STANDING Time NA Gyroscope NA NA Mean Y ## STANDING Time NA Gyroscope NA NA Mean Y ## STANDING Time NA Gyroscope NA NA Mean Z ## S ## STANDING Time NA Gyroscope NA NA SD X ## STANDING Time NA Gyroscope NA NA SD Y ## STANDING Time NA Gyroscope NA NA SD Y ## STANDING Time NA Gyroscope NA NA SD Z ## STANDING Time NA Gyroscope NA NA SD Z ## STANDING Time NA Gyroscope NA NA SD Z ## STANDING Time NA Gyroscope NA Magnitude Mean NA ## STANDING Time NA Gyroscope NA Magnitude SD NA ## STANDING Time NA Gyroscope NA Magnitude SD NA ## STANDING Time NA Gyroscope Jerk NA Mean X ## STANDING Time NA Gyroscope Jerk NA Mean X ## STANDING Time NA Gyroscope Jerk NA Mean X ## STANDING Time NA Gyroscope Jerk NA Mean X ## STANDING Time NA Gyroscope Jerk NA Mean Y				_												
9 STANDING Time NA Gyroscope NA NA Mean Y 45 -0.060810158296 9 STANDING Time NA Gyroscope NA NA Mean Z 45 0.0992409332222222 9 STANDING Time NA Gyroscope NA NA SD X 45 -0.921990612 9 STANDING Time NA Gyroscope NA NA SD Y 45 -0.946046640444444 9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.939889737333333 9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.921030223111111 9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y				Gyroscope	NA	NA	Mean	Х								
45 -0.060810158296  9 STANDING Time NA Gyroscope NA NA Mean Z 45 0.0992409332222222  9 STANDING Time NA Gyroscope NA NA SD X 45 -0.921990612  9 STANDING Time NA Gyroscope NA NA SD Y 45 -0.946046640444444  9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.939889737333333  9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.921030223111111  9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111  9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704  9 STANDING Time NA Gyroscope Jerk NA Mean Y				G	37.7	377	M	37								
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45				2 1												
9 STANDING Time NA Gyroscope NA NA SD Z 45 -0.939889737333333 9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.921030223111111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y	9	STANDING	Time NA	Gyroscope	NA	NA	SD	Y								
45 -0.939889737333333 9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.921030223111111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y	45	-0.9460466	64044444													
9 STANDING Time NA Gyroscope NA Magnitude Mean NA 45 -0.921030223111111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y	9	STANDING	Time NA	Gyroscope	NA	NA	SD	Z								
45 -0.921030223111111 9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y	45	-0.9398897	737333333													
9 STANDING Time NA Gyroscope NA Magnitude SD NA 45 -0.908291403111111 9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y				Gyroscope	NA	Magn	itude	Mean	NA							
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9 STANDING Time NA Gyroscope Jerk NA Mean X 45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y				Gyroscope	NA	Magn	itude	SD	NA							
45 -0.095897704 9 STANDING Time NA Gyroscope Jerk NA Mean Y				a	- 1											
9 STANDING Time NA Gyroscope Jerk NA Mean Y				Gyroscope	Jerk	NA	Mean	Х								
<u> </u>				Curagana	Tork	NT 7N	Moon	v								
45 -0.0419199574333333	9 45				perk	NA	Mean	ĭ								
9 STANDING Time NA Gyroscope Jerk NA Mean Z					Jerk	NΔ	Mean	7.								
45 -0.0575743131488889					CLK	1411	11Cuii	ப								
9 STANDING Time NA Gyroscope Jerk NA SD X					Jerk	NA	SD	Х								
45 -0.949105691555556				2 - F -	<b>-</b>											

9	STANDING			Gyros	scope	Jerk	NA	SD	Y		
45	-0.975036										
9	STANDING			Gyros	scope	Jerk	NA	SD	$\mathbf{Z}$		
45	-0.969726										
9	STANDING			Gyros	scope	Jerk	Magn	itude	Mean	NA	
45	-0.9698240	044222	2222								
9	STANDING	Time	NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
45	-0.965287	050888	3889								
9	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	Mean	X	45
0.282	23100573333	333									
)	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	Mean	Y	
<u> 1</u> 5	-0.020045	495402	22222								
)	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	Mean	Z	
15	-0.095274	748133	33333								
)	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	SD	X	
<b>1</b> 5	-0.9757412	252444	$1444^{-1}$								
)	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	SD	Y	
15	-0.938635	759333	3333								
)	STANDING	Time	Body	Accel	Lerome	eter	NA	NA	SD	Z	
15	-0.9192958										
)	STANDING	Time	Body	Accel	Lerome	eter	NA	Magn	itude	Mean	NA
15	-0.945167		_					,			-
)	STANDING			Accel	erome	eter	NA	Magn:	itude	SD	NA
15	-0.9361050		_								
)	STANDING			Accel	erome	eter	Jerk	NA	Mean	X	45
	5003205355!		Doug	110001		3001	00111	-11-1	man		
) )	STANDING		Body	Accel	erome	eter	Jerk	NΑ	Mean	V	45
	3069979606		Bouj	110001	LOT OIII	2001	OCIN	1111	mean	-	15
)	STANDING		Body	Accel	erome	eter	Jerk	NΑ	Mean	7.	
15	-0.004700		_	110001	LOT OIII	2001	OCIN	1111	mean	_	
)	STANDING			Accel	erome	eter	Jerk	NΑ	SD	X	
	<b>-0.969973</b>			110001	CLOIR	CCI	OCIK	1421	DD	21	
)	STANDING			Accel	erome	ater	Jerk	NΔ	SD	Y	
15	-0.9638493		_	ACCCI	CLOIR	CCI	OCIK	1471	DD	1	
)	STANDING			Accel	arome	a+or	Jerk	NΔ	SD	Z	
15	-0.9705842		_	ACCEI	reronie	ccer	OELV	IVA	שט	ப	
)	STANDING			7,000]	oromo	n+or	Tork	Magn	itude	Moan	NT 7\
45	-0.969524!		_	Acces	reronie	scer	DELY	Mayii.	Luue	Mean	IVA
)				7,000]	oromo	otor	Tork	Magn	: + 11do	CD	<b>NT 7</b> N
15	STANDING -0.963764		_	Accel	rerome	scer	Jerk	Magii.	Luue	מפ	NA
				:	7~~~	1 0 20 0 20	- <del>-</del>	3.7.73	3.7.73	Moon	77
)  -	STANDING			гту	Acce.	lerome	eter	NA	NA	Mean	Χ
15	0.96132350			• •	<b>3</b>	1		377	377	36	7.7
)	STANDING			ττλ	ACCE.	lerome	eter	NA	NA	Mean	Y
15	-0.0103838			• • -	<b>.</b>	1	- •				-
9	STANDING			ıty	Acce.	lerome	eter	NA	NA	Mean	Z
15	0.00914769			٠.						<b>a</b> 5	
9	STANDING	Time	Gravi	ıty	Acce.	lerome	eter	NA	NA	SD	X

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45
     -0.989103160444444
9
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                   NA
                                                        SD
                                                             Y
45
     -0.97257386755556
9
     STANDING
               Time Gravity
                              Accelerometer
                                              NA
                                                   NA
                                                        SD
                                                             Z
45
     -0.932245295111111
9
     STANDING
               Time Gravity
                              Accelerometer
                                                   Magnitude Mean
                                              NA
NA
          -0.945167482444444
9
     STANDING
               Time Gravity
                              Accelerometer
                                              NA
                                                   Magnitude SD
NA
          -0.936105010444444
9
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean X
45
     -0.91697443755556
9
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
45
     -0.954514301555556
9
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Z
45
     -0.941510336
9
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Х
45
     -0.924738576444444
9
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Y
45
     -0.941950576888889
9
     STANDING Freq NA
                                                   Z
                         Gyroscope NA
                                         NA
                                              SD
45
     -0.944942811777778
9
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude Mean NA
45
     -0.929769067777778
9
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
45
     -0.91090965955556
9
                         Gyroscope Jerk Magnitude Mean NA
     STANDING Freq NA
45
     -0.967491628
     STANDING Freq NA
9
                         Gyroscope Jerk Magnitude SD
                                                        NA
45
     -0.964770799111111
9
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
45
     -0.971662692
9
     STANDING Freq Body Accelerometer
                                                   Mean Y
                                         NA
                                              NA
45
     -0.944849431777778
9
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Z
45
     -0.941686874222222
9
     STANDING Freq Body Accelerometer
                                                   SD
                                                        Х
                                         NA
                                              NA
45
     -0.977579248444444
9
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Y
45
     -0.938790016888889
9
     STANDING Freq Body Accelerometer
                                              NA
                                                   SD
                                                        Z
                                         NA
45
     -0.913896832222222
9
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
     -0.946330171777778
45
9
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                             NA
45
     -0.940265546444444
9
                                         Jerk NA
     STANDING Freq Body Accelerometer
                                                   Mean X
45
     -0.971313768666667
```

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STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
     -0.962624298888889
45
               Freq Body Accelerometer
9
     STANDING
                                          Jerk NA
                                                    Mean Z
45
     -0.967129200444444
9
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
45
     -0.971278823333333
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Y
45
     -0.96823457955556
9
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         \mathbf{z}
     -0.972588748666667
45
9
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
45
     -0.963242884
9
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
45
     -0.963593159555556
9
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
52
     -0.0808360598653846
9
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean Y
52
     -0.0625598710615385
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                         52
0.111629779896154
     WALKING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Х
                                          NA
     -0.476163506730769
52
               Time NA
                          Gyroscope NA
                                               SD
                                                    Υ
     WALKING
                                         NA
52
     -0.467054167884615
9
                                                    Z
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
52
     -0.265683521346154
9
                          Gyroscope NA
                                         Magnitude Mean NA
     WALKING
               Time NA
52
     -0.294542266826923
                          Gyroscope NA
                                         Magnitude SD
     WALKING
               Time NA
                                                         NA
52
     -0.489725811538462
9
                          Gyroscope Jerk NA
     WALKING
               Time NA
                                               Mean X
52
     -0.0809204094461538
9
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
52
     -0.0356283427038462
9
                          Gyroscope Jerk NA
     WALKING
               Time NA
                                               Mean Z
52
     -0.0633406620592308
9
                          Gyroscope Jerk NA
     WALKING
               Time NA
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                                                    Х
52
     -0.526985309038462
9
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
52
     -0.549200228076923
                                                    Z
9
     WALKING
                          Gyroscope Jerk NA
                                               SD
               Time NA
52
     -0.457881494038462
9
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Time NA
52
     -0.510253995769231
9
     WALKING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
52
     -0.599866472692308
               Time Body Accelerometer
     WALKING
                                         NA
                                               NA
                                                    Mean X
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0 27	8502842115	205								
9	WALKING		Body	7 CCO	Lerometer	NA	NA	Mean	v	
52	-0.018089		_	ACCE.	rerometer	IVA	IVA	Mean	I	
9	WALKING			Acce	Lerometer	NA	NA	Mean	7.	
52	-0.110820		_	ACCC	LCI OMC CCI	1471	1421	ricuii	4	
9	WALKING			Acce	Lerometer	NA	NA	SD	X	
52	-0.238353		_	ACCC	LCI OMC CCI	1471	1421	סט	Λ	
9	WALKING			Acce	lerometer	NA	NA	SD	Y	
52	-0.201696			11000	LCI OMC CCI	1421	1421	DD	•	
9	WALKING			Acce	Lerometer	NA	NA	SD	Z	
52	-0.057963		_	11000		1111	1111	O.D	-	
9	WALKING			Acce	Lerometer	NA	Magn	itude	Mean	NΑ
52	-0.098084		_	11000		-11	114911	Loudo	110411	-11-1
9	WALKING			Acce	lerometer	NA	Magn	itude	SD	NA
52	-0.379428									_,
9	WALKING		Bodv	Acce	Lerometer	Jerk	NA	Mean	Х	52
	0435727048		1							
9	WALKING		Body	Acce	Lerometer	Jerk	NA	Mean	Y	52
0.02	1225591001		_							
9	WALKING		Body	Acce	Lerometer	Jerk	NA	Mean	Z	52
0.00	4147627401		-							
9	WALKING	Time	Body	Acce	Lerometer	Jerk	NA	SD	X	
52	-0.206733		_							
9	WALKING	Time	Body	Acce	Lerometer	Jerk	NA	SD	Y	
52	-0.276929	93384	6154							
9	WALKING	Time	Body	Acce	Lerometer	Jerk	NA	SD	Z	
52	-0.409764	52615	3846							
9	WALKING	Time	Body	Acce	Lerometer	Jerk	Magn	itude	Mean	NA
52	-0.203733	615519	9231							
9	WALKING	Time	Body	Acce	Lerometer	Jerk	Magn	itude	SD	NA
52	-0.317113	48711	5385							
9	WALKING		Grav	ity	Acceleron	neter	NA	NA	Mean	X
52	0.9518670									
9	WALKING		Grav	ity	Acceleron	neter	NA	NA	Mean	Y
52	-0.031434			_						
9	WALKING		Gravi	ity	Acceleron	neter	NA	NA	Mean	Z
52	-0.115856			_	_					
9	WALKING		Grav	ity	Acceleron	neter	NA	NA	SD	X
52	-0.980971				_					
9	WALKING		Gravi	ity	Acceleron	neter	NA	NA	SD	Y
52	-0.971242			٠.					a 5	_
9	WALKING		Gravi	ıty	Acceleron	neter	NA	NA	SD	$\mathbf{Z}$
52	-0.955523				7 7		37.7	<b>M</b> =		M =
9	WALKING		Gravi	_	Acceleron	neter	NA	magn:	itude	мean
NA 0		980840			7 ~ ~ ~ 7		<b>3.T</b> 73	M = ===	: L1 -	CD.
9 N 2	WALKING		Gravi	тсў	Acceleron	ueter	NA	magn:	itude	ຣັກ
NA	52 -0.3	79428	/ /							

9 52	WALKING F: -0.38367612	_	Gyroscope	NA	NA	Mean	X		
9 52		req NA	Gyroscope	NA	NA	Mean	Y		
9 52	WALKING F: -0.24022251	req NA	Gyroscope	NA	NA	Mean	Z		
9	WALKING F: -0.50740451	req NA	Gyroscope	NA	NA	SD	X		
52 9	WALKING F	req NA	Gyroscope	NA	NA	SD	Y		
52 9		req NA	Gyroscope	NA	NA	SD	Z		
52 9	-0.34236722 WALKING F	req NA	Gyroscope	NA	Magni	tude	Mean	NA	
52 9	-0.51379748 WALKING F	req NA	Gyroscope	NA	Magni	tude	SD	NA	
52 9		req NA	Gyroscope	Jerk	Magni	tude	Mean	NA	
52 9	-0.60258161 WALKING F	req NA	Gyroscope	Jerk	Magni	tude	SD	NA	
52 9		req Body	Accelerome	eter	NA	NA	Mean	X	
52 9	-0.29471116 WALKING F		Accelerome	eter	NA	NA	Mean	Y	
52 9	-0.25767761 WALKING F		Accelerome	eter	NA	NA	Mean	Z	
52 9	-0.25080625 WALKING F		Accelerome	eter	NA	NA	SD	X	
52 9	-0.21801997 WALKING F		Accelerome	eter	NA	NA	SD	Y	
52 9	-0.22397255 WALKING F		Accelerome	eter	NA	NA	SD	Z	
52 9	-0.03379652 WALKING F		Accelerome	eter	NA	Magni	tude	Mean	NA
52 9	-0.31880102	2711538	Accelerome		NA	Magni			NA
52 9	-0.51389195 WALKING F	3269231				_	Mean		_,
52 9	-0.31426540 WALKING F	1346154			Jerk		Mean		
52 9	-0.36770659	5	Accelerome		Jerk		Mean		
52 9	-0.39954124	5192308			Jerk		SD	X	
52	WALKING F: -0.17022834	0134423							
9 52	WALKING F: -0.22838047	3480769					SD	Y	
9	WALKING F	req Body	Accelerome	eter	Jerk	NA	SD	Z	

```
52
     -0.419104362884615
9
                Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
52
     -0.316870715576923
     WALKING
                Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
52
     -0.322337536730769
9
                          Time NA
                                     Gyroscope NA
     WALKING DOWNSTAIRS
                                                     NA
                                                          Mean X
42
     -0.0916383011071429
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
42
     -0.0712598843142857
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
42
     0.116804400690476
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
42
     -0.396429197952381
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
42
     -0.340765233142857
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
42
     -0.279685150191905
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
NA
     42
          -0.168921400633333
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
     42
NA
          -0.322331464761905
                          Time NA
9
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk NA
                                                          Mean X
42
     -0.094591202447619
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
42
     -0.0597608334619048
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
42
     -0.0678080598785714
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Х
42
     -0.509669314047619
9
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Y
42
     -0.448602451190476
9
                          Time NA
                                     Gyroscope Jerk NA
                                                                Z
     WALKING DOWNSTAIRS
                                                          SD
42
     -0.417239550952381
9
                                     Gyroscope Jerk Magnitude Mean
     WALKING DOWNSTAIRS
                          Time NA
NA
     42
          -0.469028434047619
9
                                     Gyroscope Jerk Magnitude SD
     WALKING DOWNSTAIRS
                          Time NA
NA
          -0.455855425238095
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Х
     42
          0.295923445
9
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
     42
          -0.0203994269075476
9
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Z
          -0.0910278793952381
9
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                     NA
                                                          NA
                                                                SD
Х
     42
          0.213392270547619
9
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Y
          -0.208310705504762
     42
```

9	WALKING_DOWNSTAIRS		ody Accel	erometer	NA	NA	SD
Z	42 -0.007715300357				373	36	
9 Mean	WALKING_DOWNSTAIRS NA 42 0.14588635			erometer	NA	Magni	Ltuae
9	WALKING DOWNSTAIRS			erometer	NA	Magni	tude
SD	NA 42 0.26512013		_	CIOMCCCI	1421	nagin	Leade
9	WALKING DOWNSTAIRS			erometer	Jerk	NA	Mean
Х	42 0.1301930438095		2			-	
9	WALKING DOWNSTAIRS	Time Bo	ody Accel	erometer	Jerk	NA	Mean
Y	42 -0.020686596595	52381	_				
9	WALKING_DOWNSTAIRS	Time Bo	ody Accel	erometer	Jerk	NA	Mean
Z	42 0.0026256885476	51905					
9	WALKING_DOWNSTAIRS		ody Accel	erometer	Jerk	NA	SD
X	42 0.0176233421976						
9	WALKING_DOWNSTAIRS	Time Bo	ody Accel	erometer	Jerk	NA	SD
Y	42 -0.3094424725						
9	WALKING_DOWNSTAIRS		ody Accel	erometer	Jerk	NA	SD
Z	42 -0.359513362763				_ ,		
9	WALKING_DOWNSTAIRS			erometer	Jerk	Magni	Ltude
Mean					T1-	M =	
9 SD	WALKING_DOWNSTAIRS NA 42 0.03990783		_	erometer	Jerk	Magni	Ltuae
ررد 9	WALKING DOWNSTAIRS			Accelerome	tor	NA	NA
Mean	<u>—</u>		_	Accetetome	cer	IVA	NA
9	WALKING DOWNSTAIRS			Accelerome	ter	NA	NA
Mean	<del>-</del>		_	110001010110	CCI	1111	1111
9	WALKING DOWNSTAIRS			Accelerome	eter	NA	NA
Mean	<b>—</b>		_			-	
9	WALKING DOWNSTAIRS			Accelerome	eter	NA	NA
SD	X 42 -0.9521412		_				
9	WALKING_DOWNSTAIRS	Time G	ravity	Accelerome	eter	NA	NA
SD	Y 42 -0.9363065						
9	WALKING_DOWNSTAIRS	Time G	ravity	Accelerome	eter	NA	NA
SD	Z 42 -0.8766412						
9	WALKING_DOWNSTAIRS		_		eter	NA	
_			363579357				
9	WALKING_DOWNSTAIRS		-	Accelerome	eter	NA	
_	itude SD NA 42		201313652				
9	WALKING_DOWNSTAIRS	Freq NA	A Gyros	cope NA	NA	Mean	X
42	-0.325042890904762	T 377	<b>.</b>		377	34	**
9	WALKING_DOWNSTAIRS	Freq NA	A Gyros	cope NA	NA	Mean	Y
42 9	-0.312512195452381	Eroc M	N C11200	gono MA	NT 7\	Moan	7
9 42	WALKING_DOWNSTAIRS -0.250686586719048	Freq NA	a garos	cope NA	NA	Mean	ப
9	WALKING DOWNSTAIRS	Freq NA	A Gyros	cope NA	NA	SD	Х
42	-0.423558773952381	rred M	. Gyros	COPC NA	7477	שנ	21
9	WALKING DOWNSTAIRS	Freq NA	A Gvros	cope NA	NA	SD	Y
-		1 -11	-1-00	- L			

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42
     -0.364282565714286
9
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               \mathbf{Z}
42
     -0.356561471714286
9
     WALKING DOWNSTAIRS Freq NA
                                    Gyroscope NA
                                                    Magnitude Mean
          -0.347540226666667
NA
     42
9
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                    Magnitude SD
                          Freq NA
NA
          -0.424170737142857
9
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude Mean
NA
          -0.463172053809524
9
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
NA
     42
          -0.485158906904762
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Х
     42
          0.103128506197619
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
          -0.183120455428571
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Z
          -0.103705822657857
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Х
          0.250488758869048
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Y
     42
          -0.273561385142857
9
     WALKING DOWNSTAIRS
                         Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Z
          -0.0349494927142857
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    NA
                                                         Magnitude
                0.222203941
Mean NA
          42
9
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    NA
                                                          Magnitude
SD
                0.0888671674047619
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.0645354342404762
Х
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
     42
          -0.313643041809524
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.293677789595238
9
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
     42
          0.00938224337142857
9
     WALKING DOWNSTAIRS
                         Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.355981821428571
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.425377408333333
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
                0.00716877883571429
          42
9
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
                0.0705526138333333
                                    Gyroscope NA
     WALKING UPSTAIRS
                          Time NA
                                                    NA
                                                         Mean X
49
     -0.16396719
9
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope NA
                                                    NA
                                                         Mean Y
49
     -0.0412587909579592
```

9 49	WALKING_UPSTAIRS 0.14569462592449	Time	NA	Gyroscope	NA	NA	Mean	Z
9	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	х
49 9	-0.343976630734694 WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
49	-0.400859067959184			2 1				
9	<del>_</del>	Time	NA	Gyroscope	NA	NA	SD	Z
49 9	-0.138176481058776 WALKING UPSTAIRS	Time	NT 7N	Gyroscope	NT 7\	Magn	itude	Moan
NA	49 <b>-0.</b> 0833234490063		IVA	Gyroscope	NA	Magii	Ltude	Mean
9		Time	NΑ	Gyroscope	NA	Magni	itude	SD
NA	49 -0.4258397614285		1421	direscope	1111	1149111	Leade	DD.
9		Time	NA	Gyroscope	Jerk	NA	Mean	Х
49	-0.0684689593355102			1 1				
9		Time	NA	Gyroscope	Jerk	NA	Mean	Y
49	-0.0302797452408163							
9	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
49	-0.0236327911183673							
9	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
49	-0.660419534285714							
9	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
49	-0.708604774693878							
9	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
49	-0.65711420122449							
9	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magni	itude	Mean
9 NA	WALKING_UPSTAIRS		NA	Gyroscope	Jerk	Magni	itude	Mean
	49 -0.672840561836			Gyroscope Gyroscope		_		
NA	49 -0.6728405618367	735 Time				_		
NA 9	49 -0.6728405618367 WALKING_UPSTAIRS 5 49 -0.7486512555102	735 Time 204	NA		Jerk	_		
NA 9 NA	49 -0.6728405618367 WALKING_UPSTAIRS 5 49 -0.7486512555102	735 Time 204 Time	NA	Gyroscope	Jerk	Magni	itude	SD
NA 9 NA 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428	735 Time 204 Time 86	NA Body	Gyroscope	Jerk eter	Magni	itude	SD
NA 9 NA 9 X	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428	735 Time 204 Time 86 Time	NA Body	Gyroscope Accelerome	Jerk eter	Magni NA	itude NA	SD Mean
NA 9 NA 9 X 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714	NA Body Body	Gyroscope Accelerome	Jerk eter eter	Magni NA NA	itude NA	SD Mean
NA 9 NA 9 X 9 Y	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975	735 Time 204 Time 86 Time 5714	NA Body Body	Gyroscope Accelerome	Jerk eter eter	Magni NA NA	itude NA NA	SD Mean Mean
NA 9 NA 9 X 9 Y	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714 Time 184	NA Body Body Body	Gyroscope Accelerome Accelerome Accelerome	Jerk eter eter	Magni NA NA	itude NA NA	SD Mean Mean
NA 9 NA 9 X 9 Y 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593	735 Time 204 Time 86 Time 5714 Time 184 Time	NA Body Body Body	Gyroscope Accelerome Accelerome Accelerome	Jerk eter eter	Magni NA NA NA	itude NA NA NA	SD Mean Mean Mean
NA 9 NA 9 X 9 Y 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714 Time 184 Time 02	NA Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	itude NA NA NA	SD Mean Mean Mean
NA 9 NA 9 X 9 Y 9 Z 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time	NA Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	itude NA NA NA	SD Mean Mean Mean SD
NA 9 NA 9 X 9 Y 9 Z 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 327	NA Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	itude NA NA NA	SD Mean Mean Mean SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3022062038163	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 327 Time	NA Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 327 Time 857	NA Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter	Magni NA NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Y	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.2534340835428 WALKING_UPSTAIRS	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 327 Time 857	NA Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter	Magni NA NA NA NA	itude NA NA NA NA	SD  Mean  Mean  Mean  SD  SD  SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Z 9 Y	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.362062038163 WALKING_UPSTAIRS 49 -0.2534340835423 WALKING_UPSTAIRS 49 -0.2534340835423 WALKING_UPSTAIRS 50 0.26072753 WALKING_UPSTAIRS 51 0.26072753	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 327 Time 857 Time 81428	Body Body Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA	itude NA NA NA NA NA	SD  Mean  Mean  Mean  SD  SD  SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Y 9 S D	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571428 WALKING_UPSTAIRS 49 -0.0195101099975 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775516 WALKING_UPSTAIRS 49 -0.3614443775516 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.2534340835428 WALKING_UPSTAIRS 50 -0.2534340835428 WALKING_UPSTAIRS 51 -0.26072758 WALKING_UPSTAIRS 52 -0.26072758 WALKING_UPSTAIRS 53 -0.26072758 WALKING_UPSTAIRS 54 -0.26072758	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 857 Time 81428 Time 37142	Body Body Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA	itude NA NA NA NA NA	SD Mean Mean Mean SD SD SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Y 9 Mean 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.2534340835423 WALKING_UPSTAIRS 19 -0.2534340835423 WALKING_UPSTAIRS 10 -0.26072753 WALKING_UPSTAIRS 11 -0.40022203 WALKING_UPSTAIRS 12 -0.40022203	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 857 Time 81428 Time 37142 Time	Body Body Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA	itude NA NA NA NA NA Magni	SD Mean Mean Mean SD SD SD
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Y 9 S D 9 X 1	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3614443775510 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.2534340835423 WALKING_UPSTAIRS 50 -0.2534340835423 WALKING_UPSTAIRS 51 -0.26072753 WALKING_UPSTAIRS 52 -0.26072753 WALKING_UPSTAIRS 53 -0.40022203 WALKING_UPSTAIRS 54 -0.40022203 WALKING_UPSTAIRS 55 -0.40022203	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 857 Time 81428 Time 37142 Time	Body Body Body Body Body Body Body Body	Gyroscope Accelerome	Jerk eter eter eter eter eter eter	Magni NA NA NA NA NA NA NA	NA NA NA NA NA Magni	SD Mean Mean Mean SD SD SD itude itude Mean
NA 9 NA 9 X 9 Y 9 Z 9 X 9 Y 9 S D 9 SD 9	49 -0.6728405618363 WALKING_UPSTAIRS 49 -0.7486512555103 WALKING_UPSTAIRS 49 0.26243647571423 WALKING_UPSTAIRS 49 -0.0195101099973 WALKING_UPSTAIRS 49 -0.1252190039593 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3614443775513 WALKING_UPSTAIRS 49 -0.3022062038163 WALKING_UPSTAIRS 49 -0.2534340835423 WALKING_UPSTAIRS 19 -0.2534340835423 WALKING_UPSTAIRS 10 -0.26072753 WALKING_UPSTAIRS 11 -0.40022203 WALKING_UPSTAIRS 12 -0.40022203	735 Time 204 Time 86 Time 5714 Time 184 Time 02 Time 857 Time 81428 Time 37142 Time	Body Body Body Body Body Body Body Body	Gyroscope Accelerome	Jerk eter eter eter eter eter eter	Magni NA NA NA NA NA	NA NA NA NA NA Magni	SD Mean Mean Mean SD SD SD itude

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Y
     49
          0.00126612218367347
9
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          0.00766046602367347
9
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
X
          -0.335291644693878
9
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.586147012244898
9
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.647296002040816
9
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
                -0.440667540204082
Mean NA
          49
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
          49
               -0.445485397959184
9
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
          49
                0.902647777755102
Mean X
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
          49
               -0.0377947824285714
Mean Y
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
          49
               -0.266009866857143
Mean Z
9
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
                -0.954383557142857
          49
9
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          49
                -0.901317321632653
9
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                -0.89407107877551
SD
          49
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.260727581428571
Magnitude Mean NA
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.400222037142857
Magnitude SD
               NA
                     49
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          Mean X
49
     -0.313941631326531
9
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          Mean Y
49
     -0.499159202857143
                                     Gyroscope NA
9
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Z
49
     -0.327698671183673
9
                                     Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                          SD
                                                               Х
49
     -0.361626377102041
9
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
                          Freq NA
49
     -0.352033091612245
9
                                     Gyroscope NA
                                                          SD
                                                               Z
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
49
     -0.165554554220408
9
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
NA
     49
          -0.531482693877551
9
                                     Gyroscope NA
                                                    Magnitude SD
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.456841325204082
9
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
          -0.734159449387755
NA
     49
```

```
9
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.787781590816326
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Х
     49
          -0.342735952653061
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Y
          -0.405022798163265
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Z
     49
          -0.384710423408163
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Х
          -0.369815777346939
9
                          Freq Body Accelerometer
                                                     NA
                                                               SD
     WALKING UPSTAIRS
                                                          NA
Y
          -0.297641062755102
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Z
     49
          -0.244081808302041
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
          49
                -0.372890348979592
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
     NA
          49
                -0.509929461428571
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          -0.402044750408163
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          -0.608498592040816
9
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk NA
                                                               Mean
\mathbf{Z}
          -0.615125710612245
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
X
          -0.327421989591837
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
     49
          -0.590112916530612
9
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.677831082857143
9
                          Freq Body Accelerometer
                                                     Jerk Magnitude
     WALKING UPSTAIRS
               -0.419533108571429
Mean NA
          49
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
     NA
          49
                -0.484935752040816
10
               Time NA
                                          NA
                                               Mean X
     LAYING
                          Gyroscope NA
58
     -0.019555937162069
10
                          Gyroscope NA
     LAYING
                Time NA
                                          NA
                                               Mean Y
58
     -0.0770325657265517
10
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          58
0.104720478344828
10
                          Gyroscope NA
     LAYING
                Time NA
                                          NA
                                               SD
                                                     Χ
58
     -0.961713199827586
10
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
58
     -0.953660207586207
10
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
58
     -0.971940597413793
10
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
```

58 -0.937590998793103	
10 LAYING Time NA Gyroscope NA Magnitude SD NA	
58 -0.927471165517241	
10 LAYING Time NA Gyroscope Jerk NA Mean X	
58 -0.100308254413793	
10 LAYING Time NA Gyroscope Jerk NA Mean Y	
58 -0.0388797920413793	
10 LAYING Time NA Gyroscope Jerk NA Mean Z 58 -0.0590744912758621	
10 LAYING Time NA Gyroscope Jerk NA SD X	
58 -0.965900578103448	
10 LAYING Time NA Gyroscope Jerk NA SD Y	
58 -0.966621040344828	
10 LAYING Time NA Gyroscope Jerk NA SD Z	
58 -0.983949302758621	
10 LAYING Time NA Gyroscope Jerk Magnitude Mean NA	
58 -0.970830848965517	
10 LAYING Time NA Gyroscope Jerk Magnitude SD NA	
58 -0.959632931551724 10 LAYING Time Body Accelerometer NA NA Mean X	58
10 LAYING Time Body Accelerometer NA NA Mean X 0.280230574137931	36
10 LAYING Time Body Accelerometer NA NA Mean Y	
58 -0.024294484137931	
10 LAYING Time Body Accelerometer NA NA Mean Z	
58 -0.117168642362069	
10 LAYING Time Body Accelerometer NA NA SD X	
58 -0.968283685	
10 LAYING Time Body Accelerometer NA NA SD Y	
58 -0.946454302068966	
10 LAYING Time Body Accelerometer NA NA SD Z 58 -0.95947148637931	
10 LAYING Time Body Accelerometer NA Magnitude Mean	n NA
58 -0.956781819655172	I IVA
10 LAYING Time Body Accelerometer NA Magnitude SD	NA
58 -0.940301654482759	
10 LAYING Time Body Accelerometer Jerk NA Mean X	58
0.073815064487931	
10 LAYING Time Body Accelerometer Jerk NA Mean Y	58
0.015698997097069	
10 LAYING Time Body Accelerometer Jerk NA Mean Z	58
0.00716689586275862 10 LAYING Time Body Accelerometer Jerk NA SD X	
10 LAYING Time Body Accelerometer Jerk NA SD X 58 -0.978007466724138	
10 LAYING Time Body Accelerometer Jerk NA SD Y	
58 -0.966930793448276	
10 LAYING Time Body Accelerometer Jerk NA SD Z	
58 -0.976256662586207	

```
Time Body Accelerometer
10
     LAYING
                                          Jerk Magnitude Mean NA
58
     -0.976234435172414
                Time Body Accelerometer
10
     LAYING
                                          Jerk Magnitude SD
                                                               NΑ
58
     -0.967556980689655
                               Accelerometer
                Time Gravity
10
     LAYING
                                               NA
                                                     NA
                                                          Mean X
58
     -0.453069737586207
10
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
58
     -0.139297681034483
10
                               Accelerometer
                                                          Mean Z
     LAYING
                Time Gravity
                                                NA
                                                     NA
58
     -0.031121624137931
10
                Time Gravity
                               Accelerometer
                                                          SD
                                                                Х
     LAYING
                                                NA
                                                     NA
58
     -0.954531941896552
10
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                                Y
58
     -0.966701156034483
                                                                Z
10
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
58
     -0.963045642431035
10
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude Mean
NA
     58
          -0.956781819655172
10
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
          -0.940301654482759
NA
     58
10
     LAYING
                                                Mean X
               Frea NA
                          Gyroscope NA
                                          NA
     -0.953793912068965
58
10
                          Gyroscope NA
                                                Mean Y
     LAYING
               Freq NA
                                          NA
58
     -0.954670034482759
10
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
58
     -0.969755777241379
10
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
58
     -0.96454456637931
10
     LAYING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
               Freq NA
58
     -0.953453496551724
10
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
     LAYING
               Freq NA
58
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10
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
58
     -0.937692642586207
10
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     LAYING
               Freq NA
58
     -0.933701315344828
                          Gyroscope Jerk Magnitude Mean NA
10
     LAYING
               Freq NA
58
     -0.960976821551724
10
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
58
     -0.960772875517241
10
                Freq Body Accelerometer
     LAYING
                                          NA
                                                NA
                                                     Mean X
58
     -0.96918420862069
10
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
58
     -0.954341849137931
10
     LAYING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
58
     -0.964300845172414
10
     LAYING
               Freq Body Accelerometer
                                                     SD
                                                          Х
                                          NA
                                                NA
```

```
-0.96796803862069
58
10
     LAYING
               Freq Body Accelerometer
                                                NA
                                                     SD
                                          NA
                                                          Y
58
     -0.946229148258621
10
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                           Z
58
     -0.959813667810345
10
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
58
     -0.950848109137931
10
     LAYING
                Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
58
     -0.944304974655172
10
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
58
     -0.979014668793104
10
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
58
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10
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
58
     -0.972592212931034
10
     LAYING
                Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Х
58
     -0.978904364137931
10
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                          Y
58
     -0.968120692241379
               Freq Body Accelerometer
10
     LAYING
                                           Jerk NA
                                                     SD
                                                           \mathbf{Z}
58
     -0.978582339137931
10
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
58
     -0.968561121551724
10
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
58
     -0.965377553448276
10
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
54
     -0.0432432176851852
                Time NA
10
     SITTING
                          Gyroscope NA
                                          NA
                                                Mean Y
54
     -0.0679993598888889
10
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Z
                                                           54
0.0745958869444444
10
                Time NA
     SITTING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
54
     -0.988873097222222
10
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
54
     -0.984373304814815
10
                Time NA
                                                     Z
     SITTING
                          Gyroscope NA
                                          NA
                                                SD
54
     -0.960445962037037
10
     SITTING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
54
     -0.944202043703704
                          Gyroscope NA
10
     SITTING
               Time NA
                                          Magnitude SD
                                                          NA
54
     -0.963064577592593
10
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean X
54
     -0.0931555026481481
10
     STTTTNG
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
54
     -0.0411216540925926
                          Gyroscope Jerk NA
10
     SITTING
                Time NA
                                                Mean Z
     -0.048941191502963
54
```

10	SITTING			Gyros	scope	Jerk	NA	SD	X		
54 10	-0.992326 SITTING	65/222 Time		Gyros	scope	Jerk	NA	SD	Y		
54	-0.992584										
10 54	SITTING			Gyros	cope	Jerk	NA	SD	Z		
10	-0.990259 SITTING			Gvros	scope	Jerk	Magni	tude	Mean	NA	
54	-0.993707			1	-		,				
10	SITTING	Time		Gyros	cope	Jerk	Magni	Ltude	SD	NA	
54 10	-0.991696			7 9 9 9 1	oromo	.+.~	NT 70	NT 70	Moon	V	54
	SITTING 0612056481		воцу	Accel	erome	erer	NA	NA	Mean	Λ	54
10	SITTING		Body	Accel	erome	eter	NA	NA	Mean	Y	
54	-0.015042										
10	SITTING		_	Accel	erome	eter	NA	NA	Mean	Z	
54	-0.104253			_							
10	SITTING		_	Accel	erome	eter	NA	NA	SD	X	
54 10	-0.982901 SITTING			7 ccol	oromo	tor	NA	NA	SD	Y	
54	-0.917979			ACCE	ELOINE	CEI	IVA	INT	שט	1	
10	SITTING			Accel	erome	eter	NA	NA	SD	Z	
54	-0.967826		_								
10	SITTING		_	Accel	erome	eter	NA	Magn	itude	Mean	NA
E /	0 0607E7	100620	162								
54	-0.960757									~-	
10	SITTING	Time	Body	Accel	erome	eter	NA	Magn	itude	SD	NA
10 54	SITTING -0.939669	Time 591481	Body 481					_			
10 54 10	SITTING -0.939669 SITTING	Time 591481 Time	Body 481	Accel			NA Jerk	_	itude Mean		NA 54
10 54 10	SITTING -0.939669	Time 591481 Time 5185	Body 481 Body	Accel	erome	eter		NA		X	
10 54 10 0.07	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587	Time 591481 Time 5185 Time 03704	Body 481 Body Body	Accel	erome	eter eter	Jerk	NA	Mean	X	54
10 54 10 0.07 10 0.008	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING	Time 591481 Time 5185 Time 03704 Time	Body 481 Body Body	Accel	erome	eter eter	Jerk	NA NA	Mean	X Y	54
10 54 10 0.07 10 0.008 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995	Time 591481 Time 5185 Time 03704 Time 664276	Body 481 Body Body Body 66666	Accel Accel Accel	erome	eter eter eter	Jerk Jerk Jerk	NA NA NA	Mean Mean Mean	X Y Z	54
10 54 10 0.07 10 0.008 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING	Time 591481 Time 5185 Time 03704 Time 664276	Body 481 Body Body Body 666667 Body	Accel Accel Accel	erome	eter eter eter	Jerk Jerk Jerk	NA NA NA	Mean Mean Mean	X Y	54
10 54 10 0.07 10 0.008 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074	Body 481 Body Body Body 66666 Body	Accel Accel Accel 7 Accel	erome erome	eter eter eter	Jerk Jerk Jerk Jerk	NA NA NA	Mean Mean Mean SD	x y z x	54
10 54 10 0.07 10 0.008 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074	Body 481 Body Body 66666 Body 1074 Body	Accel Accel Accel 7 Accel	erome erome	eter eter eter	Jerk Jerk Jerk Jerk	NA NA NA	Mean Mean Mean	X Y Z	54
10 54 10 0.07 10 0.008 10 54 10 54 10	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814	Body 481 Body Body 66666 Body 1074 Body 1815	Accel Accel Accel Accel Accel	erome erome erome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean Mean SD	x y z x	54
10 54 10 0.07 10 0.008 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.980756 SITTING -0.988255	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703	Body 481 Body Body 66666 Body 1074 Body 1815 Body 3704	Accel Accel Accel Accel Accel	erome Lerome Lerome Lerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA	Mean Mean SD SD SD	x y z x y	54 54
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.980756 SITTING -0.988255 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time	Body 481 Body Body 66666 Body 1074 Body 1815 Body 3704 Body	Accel Accel Accel Accel Accel	erome Lerome Lerome Lerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA	Mean Mean Mean SD SD	x y z x y	54 54
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.980756 SITTING -0.988255 SITTING -0.988054	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592	Body 481 Body Body 66666 Body 1074 Body 1815 Body 3704 Body 2593	Accel Accel Accel Accel Accel Accel	Lerome Lerome Lerome Lerome Lerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean SD SD SD SD	X Y Z X Y Z Mean	54 54 NA
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.988756 SITTING -0.988255 SITTING -0.988054 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592 Time	Body 481 Body Body 66666 Body 1074 Body 1815 Body 1704 Body 2593 Body	Accel Accel Accel Accel Accel	Lerome Lerome Lerome Lerome Lerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean SD SD SD SD	X Y Z X Y Z Mean	54 54
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.988056 SITTING -0.988255 SITTING -0.988054 SITTING -0.988054 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592 Time 856296	Body 481 Body Body 66666 Body 1074 Body 1815 Body 1704 Body 2593 Body 296	Accel Accel Accel Accel Accel Accel	Lerome Lerome Lerome Lerome Lerome	eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean SD SD SD SD	X Y Z X Y Z Mean SD	54 54 NA
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.988756 SITTING -0.988255 SITTING -0.988054 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592 Time 856296 Time	Body 481 Body Body 66666 Body 1074 Body 1815 Body 18704 Body 2593 Body 6296 Grave	Accel Accel Accel Accel Accel Accel	Lerome Lerome Lerome Lerome Lerome	eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA Magni	Mean Mean SD SD SD itude	X Y Z X Y Z Mean	54 54 NA
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.988056 SITTING -0.988255 SITTING -0.988054 SITTING -0.985209 SITTING 0.7918871 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592 Time 856296 Time 981481 Time	Body 481 Body Body 66666 Body 1074 Body 1815 Body 2593 Body 296 Grave	Accel Accel Accel Accel Accel Accel	Lerome Lerome Lerome Lerome Lerome Lerome Lerome	eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA Magni	Mean Mean SD SD SD itude	X Y Z X Y Z Mean SD	54 54 NA NA
10 54 10 0.07 10 0.008 10 54 10 54 10 54 10 54 10 54	SITTING -0.939669 SITTING 7537250518 SITTING 8978754587 SITTING -0.004995 SITTING -0.988946 SITTING -0.988056 SITTING -0.988255 SITTING -0.988054 SITTING -0.985209 SITTING 0.7918871 SITTING	Time 591481 Time 5185 Time 03704 Time 664276 Time 414074 Time 789814 Time 803703 Time 237592 Time 856296 Time 981481 Time 775	Body 481 Body Body 66666 Body 1074 Body 1815 Body 2593 Body 296 Grav: 48 Grav:	Accel Accel Accel Accel Accel Accel ity	Lerome	eter eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk terk	NA NA NA NA Magni	Mean Mean SD SD SD itude itude	X Y Z X Y Z Mean SD Mean	54 54 NA NA X

```
0.20253457287037
54
10
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
54
     -0.973128354074074
10
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Y
54
     -0.935690006481481
10
     SITTING
                Time Gravity
                                Accelerometer
                                                          SD
                                                                Z
                                                NA
                                                     NA
54
     -0.966898520555556
                Time Gravity
10
     SITTING
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
          -0.96075719962963
     54
10
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
          -0.939669591481481
NA
     54
10
     SITTING
               Freq NA
                          Gyroscope NA
                                                Mean X
                                          NA
54
     -0.986477363333333
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
54
     -0.986179215555556
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
54
     -0.96539546962963
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Χ
54
     -0.989712360740741
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
54
     -0.983579646666667
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
54
     -0.962418559814815
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
54
     -0.974459732592593
10
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
54
     -0.962459956111111
10
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.992191529259259
54
10
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
54
     -0.991409100925926
                Freq Body Accelerometer
10
     SITTING
                                          NA
                                                NA
                                                     Mean X
54
     -0.984943144259259
                Freq Body Accelerometer
10
     SITTING
                                          NA
                                                NA
                                                     Mean Y
54
     -0.9404502
10
     SITTING
                                                     Mean Z
                Freq Body Accelerometer
                                          NA
                                                NA
54
     -0.97464465462963
10
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
54
     -0.982242427777778
10
     SITTING
                Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Υ
                                          NA
54
     -0.912838063018519
10
     SITTING
                Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Z
                                          NA
54
     -0.966121042592593
10
     SITTING
                Freq Body Accelerometer
                                                Magnitude Mean NA
                                          NA
54
     -0.955281010740741
10
     SITTING
                Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
54
     -0.941511952777778
```

```
Freq Body Accelerometer
10
     SITTING
                                          Jerk NA
                                                    Mean X
54
     -0.989365013888889
10
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
     SITTING
54
     -0.980962856111111
               Freq Body Accelerometer
10
     SITTING
                                          Jerk NA
                                                    Mean Z
54
     -0.986056767777778
10
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
     SITTING
54
     -0.989550917407407
10
               Freq Body Accelerometer
                                                          Υ
     SITTING
                                          Jerk NA
                                                     SD
54
     -0.982045591111111
10
               Freq Body Accelerometer
                                                     SD
                                                          Z
     SITTING
                                          Jerk NA
54
     -0.98911086
10
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     -0.985900801111111
54
10
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                               NA
54
     -0.983266741481482
10
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
44
     -0.0281854325604545
10
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
44
     -0.0876820486363636
10
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          44
     STANDING
                                          NA
0.103251560681818
10
                          Gyroscope NA
                                                    Х
     STANDING
               Time NA
                                          NA
                                               SD
44
     -0.929895057954545
10
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
44
     -0.958861164090909
10
                                                     Z
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
     -0.953681099545455
44
10
     STANDING
                          Gyroscope NA
                                          Magnitude Mean NA
               Time NA
44
     -0.929787259772727
10
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
44
     -0.920486810227273
10
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
44
     -0.104753833181818
10
                          Gyroscope Jerk NA
     STANDING
               Time NA
                                               Mean Y
44
     -0.0371593000727273
10
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
44
     -0.0584162547045455
10
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
44
     -0.950367548409091
10
                                                    Υ
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
44
     -0.976445016590909
10
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Z
     -0.969051030681818
44
10
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.971637661590909
44
10
               Time NA
                          Gyroscope Jerk Magnitude SD
     STANDING
                                                          NA
```

44	-0.964409410454545					
10	STANDING Time Body Accelerometer	NA	NA	Mean	x	44
	5650300681818		-11-1	mair		
10	STANDING Time Body Accelerometer	NA	NA	Mean	Y	
44	-0.0155418603409091					
10	STANDING Time Body Accelerometer	NA	NA	Mean	$\mathbf{Z}$	
44	-0.107964083931818					
10	STANDING Time Body Accelerometer	NA	NA	SD	X	
44	-0.978403481818182					
10	STANDING Time Body Accelerometer	NA	NA	SD	Y	
44 10	-0.919561843409091 STANDING Time Body Accelerometer	NA	NT 7N	SD	Z	
44	-0.941271440454545	IVA	NA	עס	Zı	
10	STANDING Time Body Accelerometer	NA	Magn	itude	Mean	NA
44	-0.951988907954545		9			_,
10	STANDING Time Body Accelerometer	NA	Magn	itude	SD	NA
44	-0.937264537954545					
10	STANDING Time Body Accelerometer	Jerk	NA	Mean	X	44
	09784390227273					
10	STANDING Time Body Accelerometer	Jerk	NA	Mean	Y	44
	19007630575	_ ,			_	
10	STANDING Time Body Accelerometer	Jerk	NA	Mean	Z	
44 10	-0.00485841031477273 STANDING Time Body Accelerometer	Jerk	NT 7N	SD	Х	
44	-0.964311490454545	DELK	IVA	שט	Λ	
10	STANDING Time Body Accelerometer	Jerk	NA	SD	Y	
44	-0.941328663409091				_	
10	STANDING Time Body Accelerometer	Jerk	NA	SD	$\mathbf{Z}$	
44	-0.9764306					
10	STANDING Time Body Accelerometer	Jerk	Magn	itude	Mean	NA
44	-0.965163818409091					
10	<del>-</del>	Jerk	Magn	itude	SD	NA
44	-0.952058214545455		377	37.7	M = = =	37
10 44	STANDING Time Gravity Accelerome 0.954008785454545	eter	NA	NA	Mean	Χ
10	STANDING Time Gravity Accelerome	ter	NA	NA	Mean	v
44	-0.0431597830454545	CCI	1421	1421	ncun	•
10	STANDING Time Gravity Accelerome	eter	NA	NA	Mean	Z
44	0.0346980210431818					
10	STANDING Time Gravity Accelerome	eter	NA	NA	SD	X
44	-0.991259485					
10	STANDING Time Gravity Accelerome	eter	NA	NA	SD	Y
44	-0.975410724090909					
10	STANDING Time Gravity Accelerome	eter	NA	NA	SD	Z
44	-0.959579657727273		37.7	M =	٠ ـ ـ ـ ـ .	M =
10	STANDING Time Gravity Accelerome	eter	NA	мagn	itude	мean
NA	44 -0.951988907954545					

```
10
     STANDING Time Gravity
                               Accelerometer
                                              NA
                                                    Magnitude SD
NA
          -0.937264537954545
10
     STANDING Freq NA
                          Gyroscope NA
                                              Mean X
                                         NA
44
     -0.924005912954545
10
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Y
44
     -0.960323800909091
10
     STANDING Freq NA
                          Gyroscope NA
                                              Mean Z
                                         NA
44
     -0.950915730909091
10
     STANDING Freq NA
                          Gyroscope NA
                                                    Х
                                         NA
                                               SD
44
     -0.932273942727273
10
                          Gyroscope NA
                                                    Y
     STANDING Freq NA
                                         NA
                                               SD
44
     -0.958399857954545
10
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    \mathbf{Z}
44
     -0.958901257272727
10
                          Gyroscope NA
                                         Magnitude Mean NA
     STANDING Freq NA
44
     -0.937786743409091
10
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
44
     -0.922961550454545
10
     STANDING Freq NA
                          Gyroscope Jerk Magnitude Mean NA
44
     -0.965614081363636
10
                          Gyroscope Jerk Magnitude SD
     STANDING Freq NA
                                                         NA
44
     -0.965055815454545
10
     STANDING Freq Body Accelerometer
                                              NA
                                         NA
                                                    Mean X
44
     -0.970099814318182
10
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                    Mean Y
44
     -0.923378745227273
10
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Z
44
     -0.955272383863636
10
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Х
44
     -0.982949246136364
10
     STANDING Freq Body Accelerometer
                                                         Y
                                         NA
                                               NA
                                                    SD
44
     -0.921860476590909
10
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Z
44
     -0.938098683181818
10
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude Mean NA
44
     -0.9401101675
10
     STANDING
               Freq Body Accelerometer
                                              Magnitude SD
                                         NA
                                                              NA
44
     -0.945048242954545
10
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
44
     -0.963565166136364
10
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Y
44
     -0.942187760454545
10
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Z
44
     -0.972241512272727
10
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Х
     -0.968612135909091
44
10
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Y
                                         Jerk NA
```

44	-0.944847393636364							
10		Acceleromet	er	Jerk	NA	SD	Z	
44	-0.979428729090909	Nacolewenet		Tomle	Mo an i	ما <i>م</i>	Maan	317
10 44	STANDING Freq Body -0.951633690454545	Acceleromet	er	Jerk	Magni	tuae	Mean	NA
10	STANDING Freq Body	Acceleromet	er	Jerk	Magni	tude	SD	NA
44	-0.952105964545455				_			
10	WALKING Time NA	Gyroscope N	IA	NA	Mean	X	53	
10	06894976215094 WALKING Time NA	Gyroscope N	T 7\	NA	Mean	v		
53	-0.0819540783760943	dyroscope N	NA.	IVA	Mean	T		
10	WALKING Time NA	Gyroscope N	ΙA	NA	Mean	Z	53	
	86695731160377							
10	WALKING Time NA	Gyroscope N	IA	NA	SD	X		
53 10	-0.414205475283019 WALKING Time NA	Gyroscope N	T 7\	NA	SD	Y		
53	-0.250853318679245	Gyroscope N	NA.	NA	עמ	1		
10	WALKING Time NA	Gyroscope N	IΑ	NA	SD	Z		
53	-0.174524868603774							
10	WALKING Time NA	Gyroscope N	IA	Magni	Ltude	Mean	NA	
53	-0.156458730358491	C N	7.70	M =		an.	37.7	
10 53	WALKING Time NA -0.402025135660377	Gyroscope N	NA.	Magni	Ltude	SD	NA	
10	WALKING Time NA	Gyroscope J	Jerk	NA	Mean	Х		
53	-0.122709563462264	1 1						
10	WALKING Time NA	Gyroscope J	Jerk	NA	Mean	Y		
53	-0.0519204981037736		_					
10 53	WALKING Time NA -0.0611262928849057	Gyroscope J	Jerk	NA	Mean	Z		
10	-0.0611262928649057 WALKING Time NA	Gyroscope J	Terk	NΔ	SD	X		
53	-0.366063723207547	dyrobcope o	CIN	1421	DD	21		
10	WALKING Time NA	Gyroscope J	Jerk	NA	SD	Y		
53	-0.509683327924528							
10	WALKING Time NA	Gyroscope J	Terk	NA	SD	Z		
53 10	-0.329079492641509 WALKING Time NA	Gyroscope J	Tork	Magni	t+11de	Moan	NΙΔ	
53	-0.440363636603774	dyloscope u	CIK	Magiii	Lcude	Mean	IVA	
10	WALKING Time NA	Gyroscope J	Terk	Magni	tude	SD	NA	
53	-0.501027916603774			_				
10	<del>-</del>	Acceleromet	er	NA	NA	Mean	X	53
	8574076603774	7 1		377	377	M	37	
10 53	WALKING Time Body -0.017022351190566	Acceleromet	er	NA	NA	Mean	Y	
10		Acceleromet	er	NA	NA	Mean	Z	
53	-0.109057512132075							
10	<del>-</del>	Acceleromet	er	NA	NA	SD	X	
53	-0.178709734396226							

10 53		Time Body 1651698113	Accel	erome	eter	NA	NA	SD	Y	
10	WALKING	Time Body	Accel	erome	eter	NA	NA	SD	Z	
53 10	-0.3956450 WALKING		Accel	erome	eter	NA	Magni	tude	Mean	NA
53 10	-0.1274009 WALKING	912069811 Time Body	Accel	erome	eter	NA	Magni	tude	SD	NA
53 10	-0.1856023	396067925				Jerk	NA	Mean	x	53
	57943809283	-	110001	01.01	7001	00111		110411		
10	WALKING	Time Body	Accel	erome	eter	Jerk	NA	Mean	Y	53
0.004	1082487926	41509								
10	WALKING	-	Accel	erome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
53		3195396226								
		Time Body	Accel	erome	eter	Jerk	NA	SD	X	
53		1013207547				<b>-</b> 1		a D		<b>5</b> 0
10	WALKING 5080495211:	_	Accel	erome	eter	Jerk	NA	SD	Y	53
10	WALKING		7 ccol	oromo	tor	Jerk	NT 7A	SD	Z	
53	-0.5116629	_	Accei	.erome	cer	DELK	IVA	שט	ப	
10		Time Body	Accel	erome	eter	Jerk	Magni	tude	Mean	NA
53	-0.1326249	_								
10	WALKING	Time Body	Accel	erome	eter	Jerk	Magni	tude	SD	NA
53	0.0376083	38009434					_			
10	WALKING	Time Gravi	Lty	Accel	erome	eter	NA	NA	Mean	X
53	0.9630921									
10	WALKING		_ty	Accel	erome	eter	NA	NA	Mean	Y
53		7013962264								_
10	WALKING		Lty	Accel	erome	eter	NA	NA	Mean	Z
53 10	0.05492762 WALKING		+ 37	Nago 1	oromo	tor	NA	NA	SD	Х
53	-0.974435		LLY	Accei	.erome	cer	IVA	IVA	עפ	Λ
10		Time Gravi	tv	Accel	erome	eter	NA	NA	SD	Y
53	-0.971114		1							_
10	WALKING	Time Gravi	ty	Accel	erome	eter	NA	NA	SD	$\mathbf{Z}$
53	-0.957862	728301887	_							
10	WALKING	Time Gravi	_ty	Accel	erome	eter	NA	Magni	itude	Mean
NA	53 -0.12	27400912069								
10	WALKING		_	Accel	erome	eter	NA	Magni	Ltude	SD
NA		85602396067								
10	WALKING	Freq NA	Gyros	scope	NA	NA	Mean	X		
53 10	-0.277913		Curos	aono	NT 7\	NT 7N	Moan	v		
53	WALKING -0.3452090	_	Gyros	cope	MW	NA	Mean	T		
10	WALKING	Freq NA	Gyros	cope	NA	NA	Mean	Z		
53	-0.1085300	_	-1-00	2-20				-		
10	WALKING		Gyros	cope	NA	NA	SD	X		

53	-0.458292932830189							
10	WALKING Freq NA	Gyroscope	NA	NA	SD	Y		
53	-0.204392821584906	_						
10	WALKING Freq NA	${\tt Gyroscope}$	NA	NA	SD	$\mathbf{Z}$		
53	-0.273292866226415				_			
10	WALKING Freq NA	Gyroscope	NA	Magn:	itude	Mean	NA	
53 10	-0.412616909622642 WALKING Freq NA	Gyroscope	NT 7A	Magn	i + 11do	CD	NT 7N	
53	-0.499759796981132	Gyroscope	NA	Magii.	itude	מפ	NA	
10	WALKING Freq NA	Gyroscope	Jerk	Magn	i tude	Mean	NΑ	
53	-0.515065335849057	Cyroboope	OCIN	1149111	Leade	iicaii	1111	
10	WALKING Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	
53	-0.517675799056604			_				
10	WALKING Freq Body	Accelerome	eter	NA	NA	Mean	X	
53	-0.114190001283019							
10		Accelerome	eter	NA	NA	Mean	Y	53
	33911909886792	31		377	377	M		
10 53	WALKING Freq Body -0.41218272245283	Accelerome	eter	NA	NA	Mean	Z	
10	WALKING Freq Body	Accelerome	a+or	NA	NA	SD	Х	
53	-0.206366497226415	Accelerone	CCI	11/1	IVA	SD	Λ	
10	WALKING Freq Body	Accelerome	eter	NA	NA	SD	Y	
53	-0.129775706316981							
10	WALKING Freq Body	Accelerome	eter	NA	NA	SD	Z	
53	-0.435304215660377							
10	WALKING Freq Body	Accelerome	eter	NA	Magn	itude	Mean	NA
53	-0.0930237422792453	_						
10	WALKING Freq Body	Accelerome	eter	NA	Magn:	itude	SD	NA
53	-0.370471943962264	Aggoloromo		Torde	NT 70	Moon	v	
10 53	WALKING Freq Body -0.107941107467925	Accelerome	scer	Jerk	NA	Mean	Λ	
10	WALKING Freq Body	Accelerome	eter	Jerk	NA	Mean	Υ	53
	09052018326415	11000101111	3001	00111	-11-1	man	-	
10		Accelerome	eter	Jerk	NA	Mean	Z	
53	-0.464020508867925							
10	WALKING Freq Body	Accelerome	eter	Jerk	NA	SD	X	
53	-0.0791518267107547							
10	WALKING Freq Body	Accelerome	eter	Jerk	NA	SD	Y	53
	34867672264151	3 3		T1-	373	a D	-	
10 53	WALKING Freq Body -0.558512650188679	Accelerome	eter	Jerk	NA	SD	Z	
10	WALKING Freq Body	Accelerome	ator	Jerk	Magn:	itude	Mean	NΙΔ
53	0.0205189516981132	1100010110IIIe		OCIN	mayıı.	Luue	iicuii	1117
10	WALKING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
53	0.0502087634986792				,			
10	WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	Mean	X
38	-0.124839594289474							

10	WALKING_DOW	NSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
38	-0.10674253	8831579							
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
38	0.072443368	5578947							
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
38	-0.30474537	7026316							
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
38	-0.31140752								
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$
38	-0.03530218	37							
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	Mean
NA	_	846803757	78947				_		
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	SD
NA	_	382850552	2632		1 1		,		
10	WALKING DOW		Time	NA	Gyroscope	Jerk	NA	Mean	X
38	-0.06437640				2 1				
10	WALKING DOW	NSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
38	-0.04893780				2 1		-		
10	WALKING DOW		Time	NA	Gyroscope	Jerk	NA	Mean	Z
38	-0.07204131				2 1		-		
10	WALKING DOW		Time	NA	Gyroscope	Jerk	NA	SD	X
38	-0.41698613				-1				
10	WALKING DOW		Time	NA	Gyroscope	Jerk	NA	SD	Y
38	-0.47165097				-1				_
10	WALKING DOW		Time	NA	Gyroscope	Jerk	NA	SD	Z
38	-0.22713738				-1				
10	WALKING DOW		Time	NA	Gyroscope	Jerk	Magni	itude	Mean
NA	_	854311315			2 1		,		
10	WALKING DOW		Time	NA	Gyroscope	Jerk	Magni	Ltude	SD
NA	_	105756315			2 1		,		
10	WALKING DOW			Body	Accelerome	eter	NA	NA	Mean
Х	_	015943157		_					
10	WALKING DOW			Body	Accelerome	eter	NA	NA	Mean
Y	_	005077071		_					
10	WALKING DOW			Bodv	Accelerome	eter	NA	NA	Mean
Z	_	848597247		2					
10	WALKING DOW			Bodv	Accelerome	eter	NA	NA	SD
Х	_	335476315		2					
10	WALKING DOW			Bodv	Accelerome	eter	NA	NA	SD
Y	_	791536315		_					
10	WALKING DOW			Body	Accelerome	eter	NA	NA	SD
Z	_	557562032		_					
10	WALKING DOW			Bodv	Accelerome	eter	NA	Magn	itude
Mean	_	.25084376		_				,	
10	WALKING DOW				Accelerome	eter	NA	Magn	itude
SD	_	.15699820		_		_	- '	<i></i> -	
10	WALKING DOW				Accelerome	eter	Jerk	NA	Mean
				1		_	<del>-</del>		

v	38 0.1009593874473	60							
X 10			Dodre	7.0001	oromo	.+.~	Tords	1A T 7A	Moon
	WALKING_DOWNSTAIRS		воцу	Accei	erome	erer	Jerk	NA	Mean
Y	38 0.0107824902368		D1	<b>3</b> 3			T1-	373	36
10	WALKING_DOWNSTAIRS		_	Accel	erome	eter	Jerk	NA	Mean
Z	38 0.0001526171736			_			_		
10	WALKING_DOWNSTAIRS		Body	Accel	erome	eter	Jerk	NA	SD
X	38 0.2232758061052								
10	WALKING_DOWNSTAIRS		Body	Accel	erome	eter	Jerk	NA	SD
Y	38 -0.105020355562	895							
10	WALKING_DOWNSTAIRS	Time	Body	Accel	erome	eter	Jerk	NA	SD
Z	38 -0.318188417289	474							
10	WALKING_DOWNSTAIRS	Time	Body	Accel	erome	eter	Jerk	Magn	itude
Mean	NA 38 0.05070102	28431	L579						
10	WALKING DOWNSTAIRS	Time	Body	Accel	erome	eter	Jerk	Magn	itude
SD	NA 38 0.11087723		_					,	
10	WALKING DOWNSTAIRS			tv	Accel	Lerome	eter	NA	NA
Mean	<b>—</b>			- 1					
10	WALKING DOWNSTAIRS			tv	Accel	erome	ter	NA	NA
Mean	<u>—</u>			. C J	110001			1111	1111
10	WALKING DOWNSTAIRS			+ 37	Accel	arome	+or	NA	NA
Mean	<b>—</b>			. C y	Accei	LETOINE	CCI	IVA	IVA
10	WALKING DOWNSTAIRS			+	7.000]	oromo	tor	NA	NA
	<del>_</del>			. Ly	Accel	rerome	cer	INA	NA
SD	X 38 -0.9392676				2 7			377	272
10	WALKING_DOWNSTAIRS			тy	Accel	Lerome	eter	NA	NA
SD	Y 38 -0.9370038					i			
10	WALKING_DOWNSTAIRS			ty	Accel	Lerome	eter	NA	NA
SD	z 38 -0.9020852								
10	WALKING_DOWNSTAIRS					Lerome	eter	NA	
_	itude Mean NA 38								
10	WALKING_DOWNSTAIRS					Lerome	eter	NA	
Magn	itude SD NA 38	0.156	599820	54210	53				
10	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	X
38	-0.214350280079211								
10	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
38	-0.272495710342105								
10	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
38	0.0391366814342105	-		-	-				
10		Freq	NA	Gyros	cope	NA	NA	SD	Х
38	-0.339514358157895	-1		~	<b>L</b> -				
10		Freq	NA	Gyros	cope	NA	NA	SD	Y
38	-0.343237004473684	- <b> 4</b>		-, - 00		-,			_
10		Freq	ΝА	Gyros	cone	NΑ	NA	SD	Z
38	-0.1503916379	4	7477	J, 1 US	COPC	7477	7477	עט	<u>.</u>
10		Ero~	NΙΛ	Gyros	cono	NT 7N	Maco	itude	Moan
	<u>—</u>	Freq	TAY.	Gyros	соре	TAY.	rayıı.	Luue	riean
NA 10			NT 70	C	2050	<b>3</b> .T.73	Moore	: +,, ~! ~	CD
10	<del>_</del>	Freq	MA	Gyros	cope	MA	magn	itude	עפ
NA	38 -0.387780104447	308							

10 NA	WALKING_DOWNSTAIRS 38 -0.484196484736	_	NA	Gyroscope	Jerk	Magni	itude	Mean
10	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magni	itude	SD
NA 10	38 -0.544988519210 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
X 10	38 0.2156652731578 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Y 10	38 0.0090466036026 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Z 10	38 -0.157728357742 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X 10	38 0.3249577431578 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y 10	38 -0.063333771752 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Z 10	38 -0.268686170263 WALKING_DOWNSTAIRS	Freq	_	Accelerome	eter	NA	Magn	itude
Mean 10	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD 10	NA 38 -0.0616742 WALKING_DOWNSTAIRS			Accelerome	eter	Jerk	NA	Mean
X 10	38 0.1814191310026 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y 10	38 -0.119504295573 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Z 10	38 -0.240679035428 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
X 10	38 0.1569126786263 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y 10	38 -0.153355802565 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z 10	38 -0.396147929736 WALKING_DOWNSTAIRS	5842	_			Jerk	Magn	itude
Mean 10		170526	532	Accelerome			Magni	
SD 10	NA 38 0.03802666 WALKING UPSTAIRS	_	9474	Gyroscope		NA	Mean	
47 10	0.0733447168425532 WALKING UPSTAIRS	Time		Gyroscope		NA	Mean	
47 10	-0.0954600216446809 WALKING UPSTAIRS	Time		Gyroscope		NA	Mean	
47 10	$0.08796\overline{64182957447}$							
47	WALKING_UPSTAIRS -0.308534708121277	Time		Gyroscope		NA	SD	X
10 47	WALKING_UPSTAIRS 0.0411724668680851	Time		Gyroscope		NA	SD	Y
10	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z

47	-0.320509332297872						
10	WALKING UPSTAIRS Time	NA	Gyroscope	NA	Magni	tude	Mean
NA	47 0.0438573846851064		1 1		,		
10	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magni	tude	SD
NA	47 -0.113062673542979						
10	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
47	-0.157212539189362		_	_			
10	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Y
47 10	-0.0372348522521277	NT 70	Curagana	Tords	NT 70	Moon	77
47	WALKING_UPSTAIRS Time -0.036502173787234	NA	Gyroscope	Jerk	NA	Mean	Z
10	WALKING UPSTAIRS Time	NΑ	Gyroscope	Jerk	NΑ	SD	Х
47	-0.427291343617021	1411	Cyroboope	CCIN	1111	55	24
10	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
47	-0.6046 <del>2</del> 905787234						
10	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
47	-0.482244799361702						
10	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magni	tude	Mean
NA	47 -0.523462968510638		_	_			
10	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magni	Ltude	SD
NA 10	47 -0.618272355319149	Dodre	Aggoloromo	+02	NT 70	<b>3.T.7</b> 3	Moon
X	WALKING_UPSTAIRS Time 47 0.267121853404255	ьоцу	Accelerome	ecer	NA	NA	Mean
10		Body	Accelerome	eter	NA	NA	Mean
Y	47 -0.0143854920340426	zouj	11000101111	2001	-11-1		110411
10		Body	Accelerome	eter	NA	NA	Mean
Z	47 -0.118180420834043	_					
10	<del></del>	Body	Accelerome	eter	NA	NA	SD
X	47 -0.161591924234043						
10	<del>_</del>	_	Accelerome	eter	NA	NA	SD
Y	47 -0.00555287692765957						an.
10	<del>_</del>	воау	Accelerome	eter	NA	NA	SD
Z 10	47 -0.0738744931340426 WALKING UPSTAIRS Time	Body	Accelerome	ator	NA	Magni	tude
Mean	<b>—</b>	_	Accererone	CCI	IVA	Hagiii	Leude
10	WALKING UPSTAIRS Time		Accelerome	eter	NA	Magni	tude
SD	NA 47 -0.211537480214	_				,	
10	WALKING_UPSTAIRS Time		Accelerome	eter	Jerk	NA	Mean
X	47 0.0648829303510638						
10	<u>—</u>	Body	Accelerome	eter	Jerk	NA	Mean
Y	47 0.0266314282191489						
10	<del>_</del>	Body	Accelerome	eter	Jerk	NA	Mean
Z 10	47 -0.0513375831851064	D c 2	Nagala	·+ c ·-	To ::1-	<b>NT 7</b>	CD
10 X	WALKING_UPSTAIRS Time 47 -0.187220175510638	воаў	Accelerome	ecer	Jerk	NA	SD
10	WALKING UPSTAIRS Time	Bodv	Accelerome	eter	Jerk	NΑ	SD
Y	47 -0.177803083425532	Doay	110001010111	CCI	OCLIV	7477	
_							

10	WALKING_UPSTAIRS		Body	Acce	Lerome	eter	Jerk	NA	SD
Z 10	47 -0.607520480212 WALKING_UPSTAIRS		Body	Acce	Lerome	eter	Jerk	Magn	itude
Mean				7 ~ ~ ~	l		Tomle	Maan	: + d o
10 SD	WALKING_UPSTAIRS NA 47 -0.2260103		_	Acce.	rerome	eter	Jerk	magn.	rtude
10	WALKING_UPSTAIRS	Time	Gravi	ity	Accel	Lerome	eter	NA	NA
Mean				:	7~~~			37.73	NT 70
10 Mean	WALKING_UPSTAIRS Y 47 -0.0565670			Lty	Accel	Lerome	eter	NA	NA
10	WALKING_UPSTAIRS			ity	Accel	Lerome	eter	NA	NA
Mean									
10	<del>-</del>			ity	Acce]	Lerome	eter	NA	NA
SD 10	X 47 -0.9592160 WALKING UPSTAIRS			i + 37	Naco]	loroma	tor	NA	NA
SD	Y 47 -0.9370394			LLY	ACCE	rerome	SCEI	IVA	IVA
10	WALKING UPSTAIRS			ity	Acce]	Lerome	eter	NA	NA
SD	z 47 -0.8647458	338297	7872	_					
10	WALKING_UPSTAIRS	Time	Gravi	ity	Acce	Lerome	eter	NA	
Magn	itude Mean NA 47 WALKING_UPSTAIRS	-0.02	266623	329475	57447				
						Lerome	eter	NA	
magn 10	itude SD NA 47					NT 7N	NA	Mean	V
47	WALKING_UPSTAIRS -0.218524716912766	rreq	NA	Gyros	scope	NA	NA	Mean	Λ
10	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Υ
47	-0.235858986212766	4		-1	- G		_,		_
10	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Z
47	-0.262763367170213								
10	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	X
47	-0.34130162006383								
10	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Y
47 10	0.171735785297872	Eroc	NT 7N	Curo	aana	NT 7N	NT 70	SD	Z
47	WALKING_UPSTAIRS -0.403822082765957	rreq	NA	Gyros	scope	NA	NA	עמ	Д
10	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	Mean
NA	47 -0.265371689148	_		-1		_,			
10	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	SD
NA	47 -0.166969377765	5957							
10	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA	47 -0.600582998297					_			
10	WALKING_UPSTAIRS	_	NA	Gyros	scope	Jerk	Magn	itude	SD
NA 10	47 -0.671290562127		Podsz	Nago.	loroma	otor	NI 7A	NT 7N	Moan
X	WALKING_UPSTAIRS 47 -0.139410790613	_	Body	ACCE.	ret Ollie	FLET	NA	NA	Mean
10	WALKING UPSTAIRS		Bodv	Acce	Lerome	eter	NA	NA	Mean
Y	47 -0.039068822222	_	1				- ·=	· ·=	·
10	WALKING_UPSTAIRS		Body	Acce	Lerome	eter	NA	NA	Mean

```
Z
     47
          -0.301206408085106
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Х
     47
          -0.171957349438298
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Y
          -0.051628469647234
     47
10
                          Freq Body Accelerometer
                                                               SD
     WALKING UPSTAIRS
                                                     NA
                                                          NA
Z
          -0.0342347233914894
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
          47
               -0.166866721574468
Mean NA
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
     NA
          47
                -0.361437534680851
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Χ
     47
          -0.20121432216383
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          -0.206872839212766
     47
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Z
          -0.553230667234043
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
     47
          -0.247598320858298
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
     47
          -0.202796129097872
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.662894135319149
     47
10
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
          47
               -0.153553147382979
Mean NA
10
                          Freq Body Accelerometer Jerk Magnitude
     WALKING UPSTAIRS
SD
          47
                -0.334365043829787
11
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
57
     -0.0191743840136842
11
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
57
     -0.041559989822807
                                                          57
11
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
0.152019015929825
11
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
57
     -0.980836884561403
11
                                                     Y
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
57
     -0.982442644035088
11
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     \mathbf{z}
57
     -0.959897432807018
11
                          Gyroscope NA
                                          Magnitude Mean NA
     LAYING
               Time NA
57
     -0.952523752105263
11
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
57
     -0.954713182807018
11
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean X
57
     -0.102297501877193
                          Gyroscope Jerk NA
11
     LAYING
                Time NA
                                               Mean Y
57
     -0.0412391429298246
```

11	LAYING		Gyros	cope	Jerk	NA	Mean	Z		
57 11	-0.0666957 LAYING	7489649123 Time NA	Gyros	cope	Jerk	NA	SD	X		
57	-0.9817248				_					
11 57	LAYING -0.9908457		Gyros	cope	Jerk	NA	SD	Y		
11	LAYING		Gyros	cope	Jerk	NA	SD	Z		
57	-0.9865490		-	-						
11	LAYING	Time NA	Gyros	cope	Jerk	Magni	Ltude	Mean	NA	
57 11	-0.9906412 LAYING		Gyros	aono	Tork	Magn	+1140	CD.	NT 7\	
57	-0.9844764		Gyros	cope	nerk	Magiii	Luue	עמ	NA	
11	LAYING	Time Body	Accel	erome	eter	NA	NA	Mean	X	57
0.28	0592970877	_								
11	LAYING	-	Accel	erome	eter	NA	NA	Mean	Y	
57	-0.0176598		_							
11	LAYING	Time Body	Accel	erome	eter	NA	NA	Mean	Z	
57 11	-0.1087865	Time Body	Accel	erome	tor	NA	NA	SD	Х	
57	-0.9847773	_	ACCEL	CI OIIIC	CCI	INT	INT	סט	Λ	
11	LAYING		Accel	erome	eter	NA	NA	SD	Y	
57	-0.9721968	373859649								
11	LAYING	Time Body	Accel	erome	eter	NA	NA	SD	Z	
57	-0.9713111								.,	
11	LAYIN(÷	Time Body	Accelo	erome	ter -	NIΔ	Maan	+11/4		
		_	110001			NA	Magii	Lcude	Mean	NA
57	-0.9806213	180175439					_			
57 11	-0.9806213 LAYING	180175439 Time Body				NA	_	itude		NA
57	-0.9806213	180175439 Time Body	Accel	erome	eter		Magni		SD	
57 11 57 11	-0.9806213 LAYING -0.9728918	180175439 Time Body 329473684 Time Body 7544	Accel	erome	eter eter	NA Jerk	Magni NA	itude	SD	NA 57
57 11 57 11 0.07	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING	180175439 Time Body 329473684 Time Body 7544 Time Body	Accel	erome	eter eter	NA	Magni NA	itude	SD X	NA
57 11 57 11 0.07 11 0.01	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629	Time Body 329473684 Time Body 7544 Time Body 9825	Accelo	erome erome	eter eter eter	NA Jerk Jerk	Magni NA NA	itude Mean Mean	SD X Y	NA 57 57
57 11 57 11 0.07 11 0.01	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body	Accelo	erome erome	eter eter eter	NA Jerk Jerk	Magni NA NA	itude Mean	SD X Y	NA 57
57 11 57 11 0.07 11 0.01 11	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body 70175	Accelo	erome erome erome	eter eter eter	NA Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean Mean	SD X Y Z	NA 57 57
57 11 57 11 0.07 11 0.01	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body 70175 Time Body	Accelo	erome erome erome	eter eter eter	NA Jerk Jerk	Magni NA NA NA	itude Mean Mean	SD X Y	NA 57 57
57 11 57 11 0.07 11 0.01 11	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body 70175 Time Body	Accelo Accelo Accelo Accelo	erome erome erome erome	eter eter eter eter	NA Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean Mean	SD X Y Z	NA 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593	Time Body 329473684 Time Body 7544 Time Body 825 Time Body 70175 Time Body 108596491 Time Body 455263158	Accelo Accelo Accelo Accelo Accelo	erome erome erome erome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	itude Mean Mean Mean SD	SD X Y Z	NA 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body	Accelo Accelo Accelo Accelo Accelo	erome erome erome erome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk	Magni NA NA NA NA	itude Mean Mean Mean SD	SD X Y Z	NA 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113	Time Body 329473684 Time Body 7544 Time Body 9825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body 784210526	Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y	NA 57 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57 11	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113 LAYING	Time Body 329473684 Time Body 7544 Time Body 825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body 784210526 Time Body	Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y	NA 57 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113 LAYING -0.9833306	Time Body 329473684 Time Body 7544 Time Body 7825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body 784210526 Time Body 784210526	Accelo Accelo Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome erome erome	eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean	NA 57 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57 11	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113 LAYING	Time Body 329473684 Time Body 7544 Time Body 7825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body 784210526 Time Body 784210526 Time Body 784210526	Accelo Accelo Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome erome erome	eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean	NA 57 57 57
57 11 57 11 0.07 11 0.01 11 57 11 57 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113 LAYING -0.9833306 LAYING	Time Body 329473684 Time Body 7544 Time Body 825 Time Body 70175 Time Body 108596491 Time Body 455263158 Time Body 784210526 Time Body 628421053 Time Body 8358596491	Accelo Accelo Accelo Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome erome erome	eter eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD	SD X Y Z X Y Z Mean	NA 57 57 57 NA NA
57 11 57 11 0.07 11 0.01 11 57 11 57 11 57 11 57	-0.9806213 LAYING -0.9728918 LAYING 66645337013 LAYING 22193853629 LAYING 27769050203 LAYING -0.9852593 LAYING -0.9727774 LAYING -0.9821113 LAYING -0.9833306 LAYING -0.9765048	Time Body 329473684 Time Body 7544 Time Body 825 Time Body 70175 Time Body 108596491 Time Body 155263158 Time Body 184210526 Time Body 18421053 Time Body 1858596491 Time Gravi	Accelo Accelo Accelo Accelo Accelo Accelo Accelo Accelo	erome erome erome erome erome erome erome Accel	eter eter eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA Magni	Mean Mean Mean SD SD SD itude	SD X Y Z X Y Z Mean SD	NA 57 57 57 NA NA NA

57	0.94301794140	N3500								
11		ne Gravi	+v	Accel	erome	eter	NA	NA	Mean	7.
57	0.11262018996		- 0 1	110001	or orne	2001	1111	1111	iicaii	2
11		ne Gravi	tv	Accel	erome	eter	NA	NA	SD	X
57	-0.9795656024		1				-	-		
11		ne Gravi	ty	Accel	erome	eter	NA	NA	SD	Y
57	-0.9907655796		-							
11	LAYING Tim	ne Gravi	ty	Accel	erome	eter	NA	NA	SD	${f z}$
57	-0.9841926063	315789								
11		ne Gravi	-	Accel	erome	eter	NA	Magn	itude	Mean
NA	57 -0.98062	21180175	439							
11		ne Gravi	_	Accel	erome.	eter	NA	Magn	itude	SD
NA	57 -0.97289									
11		ed NA	Gyros	scope	NA	NA	Mean	X		
57	-0.9761874712		_							
11		eq NA	Gyros	scope	NA	NA	Mean	Y		
57	-0.9826402719		<b>G</b>		377	377	36			
11		eq NA	Gyros	scope	NA	NA	Mean	Z		
57 11	-0.9614344207		Curos	scope	NT 7N	NT 70	SD	Х		
57	LAYING Fre	eq NA	Gyros	cope	NA	NA	עמ	Λ		
11		ed NV	Gyros	scope	NΙΔ	NA	SD	Y		
57	-0.9826606317	-	dylos	сорс	1421	1421	DD	_		
11		eq NA	Gyros	scope	NA	NA	SD	Z		
57	-0.9631839029	-	0,101	ogpo	-11-1		22	_		
11	LAYING Fre	eg NA	Gyros	scope	NA	Magni	tude	Mean	NA	
57	-0.9670933564	_	-	-		,				
11	LAYING Fre	eq NA	Gyros	scope	NA	Magni	tude	SD	NA	
57	-0.9548490535	508772								
11	LAYING Fre	eq NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
57	-0.9859788371	192982								
11		ed NA	Gyros	scope	Jerk	Magni	Ltude	SD	NA	
57	-0.9835694682		_							
11		eq Body	Accel	Lerome	eter	NA	NA	Mean	X	
57	-0.9838013656		3 7			377	377	36	**	
11		eq Body	Accel	Lerome	eter	NA	NA	Mean	Y	
57 11	-0.9714039354		Nago 1	oromo	tor	NA	NT 7N	Moan	7	
11 57	LAYING Fre -0.9735768128	eq Body	Accel	rerone	cer	NA	NA	Mean	Zi	
11		eq Body	Accel	erome	ter	NA	NA	SD	Х	
57	-0.9853222119		ACCCI	LCI OIIIC	CCI	1421	1421	סט	Λ	
11		eq Body	Accel	erome	eter	NA	NA	SD	Y	
57	-0.9735892873				<b>-</b>				_	
11		eq Body	Accel	Lerome	eter	NA	NA	SD	Z	
57	-0.9716680770									
11	LAYING Fre	eq Body	Accel	Lerome	eter	NA	Magn	Ltude	Mean	NA
57	-0.9739940045	561404								

```
Freq Body Accelerometer
11
     LAYING
                                          NA
                                               Magnitude SD
                                                               NA
57
     -0.976037695614035
11
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
     LAYING
57
     -0.984884874385965
               Freq Body Accelerometer
11
     LAYING
                                          Jerk NA
                                                     Mean Y
57
     -0.973882496666667
11
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     LAYING
57
     -0.979564844210526
11
               Freq Body Accelerometer
                                                          Х
     LAYING
                                          Jerk NA
                                                     SD
57
     -0.987122678245614
11
               Freq Body Accelerometer
                                                          Y
     LAYING
                                          Jerk NA
                                                     SD
57
     -0.973486716315789
11
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
57
     -0.983302949122807
11
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
57
     -0.976940774561403
               Freq Body Accelerometer
11
     LAYING
                                          Jerk Magnitude SD
                                                               NA
57
     -0.975126531403509
11
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
53
     -0.0399984915849057
11
     SITTING
                          Gyroscope NA
               Time NA
                                          NA
                                               Mean Y
53
     -0.0755284478679245
11
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          53
     SITTING
                                          NA
0.0761739419056604
11
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
53
     -0.988164911509434
11
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Υ
53
     -0.982249040188679
11
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
53
     -0.95284431245283
11
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
53
     -0.951884472075472
11
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
53
     -0.959964488301887
11
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
53
     -0.0948423481320755
11
                          Gyroscope Jerk NA
     SITTING
               Time NA
                                               Mean Y
53
     -0.0392813049264151
11
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
53
     -0.0505395462396226
11
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
53
     -0.990501518301887
11
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
     -0.988554820188679
53
11
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Z
53
     -0.981016044716981
11
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
```

53	-0.989519031132076							
11	SITTING Time NA	Gyros	scope Jerl	k Magni	itude	SD	NA	
53	-0.986256664716981							
11	SITTING Time Body	Acce	lerometer	NA	NA	Mean	X	53
	6590197358491							
11 53	SITTING Time Body -0.0149195616754717	Acce.	Lerometer	NA	NA	Mean	Y	
11	SITTING Time Body	Acce	lerometer	NA	NA	Mean	7	
53	-0.112840218339623	ACCE	rerometer	IVA	IVA	nean	7	
11	SITTING Time Body	Acce	lerometer	NA	NA	SD	Х	
53	-0.982796562075472							
11	SITTING Time Body	Acce	lerometer	NA	NA	SD	Y	
53	-0.921402118113208							
11	SITTING Time Body	Accel	lerometer	NA	NA	SD	Z	
53	-0.968370181886792	<b>3</b> <sup>-</sup>	1	377	M =		M = = =	27.7
11 53	SITTING Time Body -0.961970763773585	Acce.	lerometer	NA	Magn	Ltuae	Mean	NA
11	SITTING Time Body	Acce	lerometer	NA	Magn	itude	SD	NA
53	-0.944581826415094	11000	rer ome cer	1421	magii.	Leade	DD.	1421
11	SITTING Time Body	Acce	lerometer	Jerk	NA	Mean	Х	53
0.07	61777324716981							
11	SITTING Time Body		lerometer	Jerk	NA	Mean	Y	
53	-0.0002138385520754							
11	SITTING Time Body	Accel	lerometer	Jerk	NA	Mean	Z	53
	833400761716981	<b>3</b>	1 1	<b>7</b> 1-	373	a D	**	
11 53	SITTING Time Body -0.980335163584906	Acce.	Lerometer	Jerk	NA	SD	X	
11	SITTING Time Body	Acce <sup>-</sup>	lerometer	Jerk	NΔ	SD	Y	
53	-0.966766643396226	HCCC.	rerometer	OCIN	1471	DD	_	
11	SITTING Time Body	Acce	lerometer	Jerk	NA	SD	Z	
53	-0.983441609622641							
11	SITTING Time Body	Acce	lerometer	Jerk	Magn	itude	Mean	NA
53	-0.97935563509434							
11	SITTING Time Body	Accel	lerometer	Jerk	Magn	itude	SD	NA
53	-0.974511726792453	:	70001000	ma±a	NT 70	NT 70	Moon	V
11 53	SITTING Time Grav: 0.871963798301887	rty	Accelero	lleter.	NA	NA	Mean	X
11	SITTING Time Grav	i + v	Accelero	meter	NA	NA	Mean	V
53	0.213716305739623	_ c <i>y</i>	1100010101		1411	1111	mean	-
11	SITTING Time Grave	ity	Accelero	neter	NA	NA	Mean	Z
53	0.188531695981132	_						
11	SITTING Time Grave	ity	Accelero	neter	NA	NA	SD	X
53	-0.988069341132075		_					
11	SITTING Time Grav	ıty	Accelero	neter	NA	NA	SD	Y
53	-0.949792572075472	: +	70001000	no+ o	NT 74	NT 74	GD.	7
11 53	SITTING Time Grav: -0.971661610754717	гсу	Accelero	ne cer	NA	NA	SD	Z
55	0.011001010134111							

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11
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
NA
     53
          -0.961970763773585
11
     SITTING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
     53
          -0.944581826415094
                                               Mean X
11
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
53
     -0.985106875471698
11
     SITTING
                          Gyroscope NA
                                          NA
                                               Mean Y
               Freq NA
53
     -0.98263664490566
                                               Mean Z
11
                          Gyroscope NA
     SITTING
                                          NA
               Freq NA
53
     -0.954453821132075
11
     SITTING
                          Gyroscope NA
                                                    Х
               Freq NA
                                          NA
                                               SD
53
     -0.989189512641509
11
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Υ
53
     -0.982137919056604
11
                                                     Z
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                               SD
     -0.956802766792453
53
11
                          Gyroscope NA
                                          Magnitude Mean NA
     SITTING
               Freq NA
53
     -0.969799951132076
11
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
53
     -0.960711241886792
11
     SITTING
                          Gyroscope Jerk Magnitude Mean NA
                Freq NA
53
     -0.987255972641509
11
                          Gyroscope Jerk Magnitude SD
     SITTING
               Freq NA
                                                          NA
53
     -0.985607229245283
               Freq Body Accelerometer
11
     SITTING
                                          NA
                                               NA
                                                    Mean X
53
     -0.981481454339623
11
               Freq Body Accelerometer
                                                    Mean Y
     SITTING
                                          NA
                                               NA
53
     -0.934503182830189
11
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
53
     -0.972855110377359
11
                Freq Body Accelerometer
                                                          Х
     SITTING
                                          NA
                                               NA
                                                     SD
53
     -0.983389810188679
11
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
53
     -0.920047161698113
11
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
53
     -0.967884390943396
11
                Freq Body Accelerometer
     SITTING
                                          NA
                                               Magnitude Mean NA
53
     -0.953066009056604
11
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
53
     -0.948521986037736
11
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
53
     -0.980831750377358
11
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
53
     -0.967454617735849
11
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
53
     -0.981124861320755
11
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
```

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53
     -0.981607942075472
11
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Υ
53
     -0.968421475660377
11
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Z
53
     -0.984349606792453
11
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
53
     -0.975315331509434
11
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
     -0.972289134150943
53
11
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
47
     -0.0293141521489362
11
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Y
                                          NA
47
     -0.0765465041914894
11
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                         47
0.0810588216170213
11
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
47
     -0.980242494680851
11
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
47
     -0.994210471914894
                                                    Z
11
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
47
     -0.980636664893617
11
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude Mean NA
47
     -0.979978011489362
11
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
47
     -0.977071437446808
     STANDING
11
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
47
     -0.099519355893617
11
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
     -0.0395992140851064
47
11
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
47
     -0.0524732752340426
11
               Time NA
     STANDING
                          Gyroscope Jerk NA
                                               SD
                                                    Х
47
     -0.986690403617021
11
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
47
     -0.995571631276596
11
                                                    Z
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
47
     -0.990663218510638
11
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
47
     -0.993428183617021
11
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
47
     -0.992579166595745
11
     STANDING
               Time Body Accelerometer
                                               NA
                                                    Mean X
                                                               47
                                          NA
0.277715562765957
                                                    Mean Y
11
     STANDING
               Time Body Accelerometer
                                         NA
                                               NA
47
     -0.0171990886595745
11
     STANDING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
     -0.108686630425532
47
```

11	STANDING		_	Accel	erome	ter	NA	NA	SD	X	
47 11	-0.9949788 STANDING			Accel	.erome	ter	NA	NA	SD	Y	
47	-0.9641733	331702	2128								
11 47	STANDING -0.986382		_	Accel	erome.	ter	NA	NA	SD	Z	
11	STANDING			Accel	.erome	ter	NA	Magni	itude	Mean	NA
47	-0.9848538	836595	745					_			
11 47	STANDING -0.9803053		_	Accel	erome.	ter	NA	Magni	Ltude	SD	NA
11	STANDING			Accel	.erome	ter	Jerk	NA	Mean	X	47
0.07	6009772191	4894	_								
11	STANDING		Body	Accel	erome	ter	Jerk	NA	Mean	Y	47
11	2413096555: STANDING		Body	Accel	erome	ter	Jerk	NΔ	Mean	7.	
47	-0.0007459				OI OILO		CCIN	1111	nean	_	
11	STANDING		_	Accel	erome	ter	Jerk	NA	SD	X	
47 11	-0.9925274 STANDING			Nagol	oromo	tor	Jerk	NT 7\	SD	Y	
47	-0.9794282		_	Accer	.erome	cer	nerk	IVA	עפ	1	
11	STANDING	Time	Body	Accel	erome	ter	Jerk	NA	SD	Z	
47	-0.9901329						_ ,				
11 47	STANDING -0.9892423			Accel	.erome	eter	Jerk	Magni	Ltude	Mean	NA
			015								
11	STANDING	Time	Body	Accel	erome	ter	Jerk	Magni	itude	SD	NA
47	-0.9888539	960638	3298					_			
47 11	-0.9888539 STANDING	960638 Time	3298 Gravi					Magni NA	itude NA	SD Mean	
47 11 47	-0.9888539 STANDING 0.95646453	960638 Time 359574	3298 Gravi 147	ity	Accel	erome	eter	_	NA	Mean	X
47 11	-0.9888539 STANDING	960638 Time 359574 Time	3298 Gravi 447 Gravi	ity		erome	eter	NA			X
47 11 47 11 47 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING	960638 Time 359574 Time 704680 Time	3298 Gravi 447 Gravi 3851 Gravi	ity ity	Accel	erome	eter eter	NA	NA	Mean	X Y
47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842	960638 Time 359574 Time 704680 Time 234042	3298 Gravi 47 Gravi 3851 Gravi	ity ity ity	Accel Accel	erome	eter eter eter	NA NA NA	NA NA NA	Mean Mean Mean	X Y Z
47 11 47 11 47 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING	960638 Time 359574 Time 704680 Time 234042 Time	3298 Gravi 447 Gravi 3851 Gravi 255 Gravi	ity ity ity	Accel	erome	eter eter eter	NA NA	NA NA	Mean Mean	X Y
47 11 47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING	960638 Time 359574 Time 704680 Time 234042 Time 398085	3298 Gravi 447 Gravi 3851 Gravi 555 Gravi 5106 Gravi	ity ity ity ity	Accel Accel	erome erome erome	eter eter eter	NA NA NA	NA NA NA	Mean Mean Mean	X Y Z
47 11 47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719843 STANDING -0.9945293 STANDING -0.9810478	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723	3298 Gravi 447 Gravi 3851 Gravi 5106 Gravi 3404	ity ity ity ity ity	Accel Accel Accel Accel	erome	eter eter eter eter	NA NA NA NA	NA NA NA NA	Mean Mean Mean SD	X Y Z X
47 11 47 11 47 11 47 11 47 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810478 STANDING	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723	3298 Gravi 447 Gravi 3851 Gravi 5106 Gravi 3404 Gravi	ity ity ity ity ity	Accel Accel Accel	erome	eter eter eter eter	NA NA NA	NA NA NA	Mean Mean Mean SD	X Y Z X
47 11 47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719843 STANDING -0.9945293 STANDING -0.9810478	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617	3298 Gravi 447 Gravi 355 Gravi 5106 Gravi 3404 Gravi	ity ity ity ity ity ity ity	Accel Accel Accel Accel	erome erome erome erome	eter eter eter eter	NA NA NA NA	NA NA NA NA	Mean Mean Mean SD	X Y Z X Y
47 11 47 11 47 11 47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730827 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810478 STANDING -0.9894333 STANDING 47 -0.98	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617 Time 848538	3298 Gravi 447 Gravi 3851 Gravi 5106 Gravi 3404 Gravi 7021 Gravi	ity ity ity ity ity ity ity ity	Accel Accel Accel Accel Accel Accel	erome erome erome erome erome	eter eter eter eter eter	NA NA NA NA NA	NA NA NA NA NA NA	Mean Mean SD SD SD stude	X Y Z X Y Z Mean
47 11 47 11 47 11 47 11 47 11 47 11 11 NA	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810473 STANDING -0.9894333 STANDING 47 -0.98 STANDING	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617 Time 848538 Time	3298 Gravi 447 Gravi 3851 Gravi 5106 Gravi 3404 Gravi 36595 Gravi	ity	Accel Accel Accel Accel Accel	erome erome erome erome erome	eter eter eter eter eter	NA NA NA NA	NA NA NA NA NA NA	Mean Mean SD SD SD	X Y Z X Y Z Mean
47 11 47 11 47 11 47 11 47 11 47 11 47	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810473 STANDING -0.9894333 STANDING 47 -0.98 STANDING	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617 Time 848538	3298 Gravi 447 Gravi 9851 Gravi 5106 Gravi 3404 Gravi 36595 Gravi 368936	ity	Accel Accel Accel Accel Accel Accel Accel	erome erome erome erome erome	eter eter eter eter eter	NA NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD sD	X Y Z X Y Z Mean
47 11 47 11 47 11 47 11 47 11 47 11 NA 11 NA 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810473 STANDING -0.9894333 STANDING 47 -0.98 STANDING 47 -0.98 STANDING 47 -0.98 STANDING -0.9783013	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 848538 Time 848538 Time 8717234	3298 Gravi 447 Gravi 3851 Gravi 5106 Gravi 3404 Gravi 36595 Gravi 36595	ity	Accel Accel Accel Accel Accel Accel Accel	erome erome erome erome erome	eter eter eter eter eter eter eter	NA	NA NA NA NA Magn:	Mean Mean SD SD SD sD	X Y Z X Y Z Mean
47 11 47 11 47 11 47 11 47 11 47 11 NA 11 NA 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730827 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810473 STANDING -0.9894333 STANDING 47 -0.98 STANDING	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617 Time 848538 Time 803053 Freq 717234 Freq	3298 Gravi 447 Gravi 9851 Gravi 5106 Gravi 3404 Gravi 36595 Gravi 368936 NA	ity	Accel Accel Accel Accel Accel Accel Accel	erome erome erome erome erome	eter eter eter eter eter eter	NA NA NA NA NA NA	NA NA NA NA Magn:	Mean Mean SD SD SD sD	X Y Z X Y Z Mean
47 11 47 11 47 11 47 11 47 11 47 11 NA 11 NA 11	-0.9888539 STANDING 0.95646453 STANDING -0.1730823 STANDING 0.12719842 STANDING -0.9945293 STANDING -0.9810473 STANDING -0.9894333 STANDING 47 -0.98 STANDING 47 -0.98 STANDING 47 -0.98 STANDING -0.9783013	960638 Time 359574 Time 704680 Time 234042 Time 398085 Time 828723 Time 253617 Time 848538 Time 803053 Freq 717234 Freq	3298 Gravi 47 Gravi 9851 Gravi 955 Gravi 9404 Gravi 936595 Gravi 936595 Gravi	ity	Accel Accel Accel Accel Accel Accel Accel	erome erome erome erome erome erome	eter eter eter eter eter eter eter	NA	NA NA NA NA Magn:	Mean Mean SD SD SD sD	X Y Z X Y Z Mean

```
47
     -0.980762968085106
11
     STANDING Freq NA
                         Gyroscope NA
                                              SD
                                                   Х
                                         NA
47
     -0.981009115744681
11
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Y
47
     -0.994353086595745
11
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Z
47
     -0.98230878106383
11
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude Mean NA
47
     -0.982576519787234
11
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                         NA
47
     -0.977437710851064
11
     STANDING Freq NA
                         Gyroscope Jerk Magnitude Mean NA
47
     -0.992981019787234
11
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                         NA
47
     -0.992277468510638
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
47
     -0.993808050638298
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Y
47
     -0.968703072553191
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Z
47
     -0.987669785531915
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                         Х
47
     -0.995573762978723
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                         Y
47
     -0.96350679
                                                         Z
11
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
47
     -0.985958517446809
11
     STANDING
               Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
     -0.982255413617021
47
     STANDING Freq Body Accelerometer
11
                                         NA
                                              Magnitude SD
                                                              NA
47
     -0.981503969574468
11
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean X
47
     -0.992385450851064
     STANDING Freq Body Accelerometer
11
                                         Jerk NA
                                                   Mean Y
47
     -0.979287024255319
11
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Z
47
     -0.988460788085106
11
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                         Х
47
     -0.993414564042553
                                         Jerk NA
11
     STANDING Freq Body Accelerometer
                                                         Υ
                                                   SD
47
     -0.981185823617021
11
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                         \mathbf{Z}
     -0.990378149574468
47
     STANDING Freq Body Accelerometer
11
                                         Jerk Magnitude Mean NA
47
     -0.988636595319149
11
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
     -0.98802123106383
47
```

59
NA

59	-0.48773591508	1716								
11		Body	Accel	lerome	eter	Jerk	NΔ	Mean	x	59
	29709328491525	. Dody	HCCCI	LCLOIIIC	CCI	OCIK	1421	ricuii	71	3,5
11		Body	Acce]	Lerome	eter	Jerk	NA	Mean	Y	59
	27682476559322	1							_	
11		Body	Acce]	Lerome	eter	Jerk	NA	Mean	Z	
59	-0.01336482777	_								
11	WALKING Time	Body	Acce]	Lerome	eter	Jerk	NA	SD	X	
59	-0.42851634355	9322								
11	WALKING Time	Body	Acce]	Lerome	eter	Jerk	NA	SD	Y	
59	-0.18141923025									
11		Body	Acce]	Lerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
59	-0.72065473118		_					_		
11		Body	Acce]	Lerome	eter	Jerk	Magn:	itude	Mean	NA
59	-0.40233320203			•		- 1			<b>a b</b>	
11	WALKING Time	_	Accel	Lerome	eter	Jerk	Magn	itude	SD	NA
59	-0.40314128474		:	7~~~	l a a	+	<b>3.7.7</b>	3.7.73	Moon	V
11 59	WALKING Time 0.946468451355	Grav	тту	Acce	Lerome	eter	NA	NA	Mean	X
11		e Gravi	i + 37	Acce]	larome	t or	NA	NA	Mean	v
59	-0.21204587016		гсу	ACCE	LELOIN	CCI	IVA	INT	Mean	1
11	WALKING Time		itv	Acce]	lerome	eter	NA	NA	Mean	7.
59	0.134053215101						_,			_
11		Grav	ity	Acce]	Lerome	eter	NA	NA	SD	Х
59	-0.98110101440		-							
11	WALKING Time	Grav	ity	Accel	Lerome	eter	NA	NA	SD	Y
59	-0.96624055355	9322								
11	WALKING Time	Grav	ity	Accel	Lerome	eter	NA	NA	SD	Z
59	-0.96085268406	7797								
11		Grav	_	Acce]	Lerome	eter	NA	Magn	itude	Mean
NA	59 -0.288323			_						
11		Grav	_	Acce	Lerome	eter	NA	Magn:	itude	SD
NA	59 -0.487735				373	373	<b>M</b>	17		
11	WALKING Fred	-	Gyros	scope	NA	NA	Mean	Х		
59 11	-0.51475330762 WALKING Fred	1119   NA	Curos	scope	NT 7A	NA	Moan	v		
59	-0.59310739847	-	Gyros	scope	IVA	IVA	Mean	T		
11		I NA	Gyros	scope	NΔ	NA	Mean	7.		
59	-0.39829333661	-	Gyron	осорс	1421	11/11	ncun	_		
11	WALKING Free		Gvros	scope	NA	NA	SD	Х		
59	-0.62315026898	-	-1							
11	WALKING Free		Gyros	scope	NA	NA	SD	Y		
59	-0.45366318406	•	-	-						
11	WALKING Freq	[ NA	Gyros	scope	NA	NA	SD	Z		
59	-0.49855463949	1525								
11	WALKING Freq		Gyros	scope	NA	Magni	Ltude	Mean	NA	
59	-0.61022262881	3559								

11 59	WALKING Freq NA -0.59974543779661	Gyroscope	NA	Magn	itude	SD	NA	
11	WALKING Freq NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
59 11	-0.751914457457627 WALKING Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	
59 11	-0.773574064745763 WALKING Freq Body	Accelerome	eter	NA	NA	Mean	X	
59 11	-0.396533731864407 WALKING Freq Body	Accelerome	eter	NA	NA	Mean	Y	
59 11	-0.0830478435976271 WALKING Freq Body	Accelerome	eter	NA	NA	Mean	Z	
59 11	-0.616402910169492							
59	-0.433703311525424	Accelerome		NA	NA	SD	X	
11 59	WALKING Freq Body -0.0966068285372881	Accelerome	eter	NA	NA	SD	Y	
11 59	WALKING Freq Body -0.523093394915254	Accelerome	eter	NA	NA	SD	Z	
11 59	WALKING Freq Body -0.458514062542373	Accelerom	eter	NA	Magni	itude	Mean	NA
11	WALKING Freq Body	Accelerome	eter	NA	Magni	itude	SD	NA
59 11	<del>-</del> -	Accelerome	eter	Jerk	NA	Mean	X	
59 11	-0.453265268813559 WALKING Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
59 11	-0.241801726186441 WALKING Freq Body	Accelerome	eter	Jerk	NA	Mean	7.	
59	-0.69259387220339							
11 59	-0.45394304	Accelerome		Jerk		SD	X	
11 59	WALKING Freq Body -0.170177403123729	Accelerome	eter	Jerk	NA	SD	Y	
11 59	WALKING Freq Body -0.747564612033898	Accelerome	eter	Jerk	NA	SD	Z	
11 59		Accelerom	eter	Jerk	Magni	itude	Mean	NA
11	WALKING Freq Body	Accelerome	eter	Jerk	Magni	itude	SD	NA
59 11	-0.41744681559322 WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	Mean	X
46 11	-0.12506869905 WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	Mean	Y
46 11	-0.0262775345369565 WALKING DOWNSTAIRS	Time NA	Gvros	scope	NA	NA	Mean	7.
46	0.057524457376087		_	_				
11 46	WALKING_DOWNSTAIRS -0.374069023580435	Time NA	_	scope		NA	SD	X
11	WALKING_DOWNSTAIRS	Time NA	Gyros	scope	NA	NA	SD	Y

4.6	0 405011710565017						
46 11	-0.495911719565217 WALKING DOWNSTAIRS Time	NT 7\	Gyroscope	NT 7N	NA	SD	Z
46	-0.318959594782609	IVA	Gyroscope	IVA	IVA	עמ	Zi
11	WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	Magn:	itude	Mean
NA	46 -0.19788336026087	1111	c/10200pc	-11-1	114911	Loudo	noun
11	WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	Magn	itude	SD
NA	46 -0.339349828493478						
11	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
46	-0.0220916265065217						
11	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Y
46	-0.0520272987304348		_				_
11	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
46	-0.0373048405934783	NT 70	Curagana	Torde	NT 70	CD	V
11 46	WALKING_DOWNSTAIRS Time -0.53437494826087	NA	Gyroscope	Jerk	NA	SD	X
11	WALKING DOWNSTAIRS Time	NΑ	Gyroscope	Jerk	NΑ	SD	Y
46	-0.684593318695652	1471	Суговсорс	OCIK	1421	DD	1
11	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
46	-0.480559152608696		2 1				
11	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	46 -0.599294760652174						
11	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA	46 -0.677750588478261	_	_				
11	<del>_</del>	Body	Accelerome	eter	NA	NA	Mean
X 1 1	46 0.291605631956522	Dodre	Aggolorome	2+25	NT 70	NT 70	Moon
11 Y	WALKING_DOWNSTAIRS Time 46 -0.0178097721219565	воау	Accelerome	eter	NA	NA	Mean
11		Body	Accelerome	eter	NA	NA	Mean
Z	46 -0.111070149978261	Боау	ACCCICIONO	CCI	1471	1421	ricuii
11		Body	Accelerome	eter	NA	NA	SD
X	46 0.142456557034783	_					
11		Body	Accelerome	eter	NA	NA	SD
Y	46 0.0708122725543478						
11	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Z	46 -0.324026938043478		_				
11	<del>_</del>	_	Accelerome	eter	NA	Magn	itude
Mean			Accelerome	ator	NT 7N	Magn	tudo
11 SD	WALKING_DOWNSTAIRS Time NA 46 0.050774365252	_	Acceletome	scer	NA	Magii.	itude
11	WALKING DOWNSTAIRS Time		Accelerome	eter	Jerk	NΔ	Mean
X	46 0.0897168657173913	Dody	7100010110	2001	OCIK	1421	ncan
11		Body	Accelerome	eter	Jerk	NA	Mean
Y	46 0.0252274201521739	4					
11	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
${f z}$	46 -0.0225208905847826						
11	<del>_</del>	Body	Accelerome	eter	Jerk	NA	SD
X	46 -0.0834212653347826						

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11
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.126816662141304
11
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                               SD
                                                    Jerk NA
          -0.579710482173913
                          Time Body Accelerometer
11
     WALKING DOWNSTAIRS
                                                    Jerk Magnitude
                -0.198206139934783
Mean NA
11
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
          46
               -0.127017223413043
     NA
                                          Accelerometer
11
     WALKING DOWNSTAIRS
                          Time Gravity
                                                         NA
                                                               NA
Mean X
          46
                0.941746406521739
11
                          Time Gravity
                                          Accelerometer
     WALKING DOWNSTAIRS
                                                         NA
                                                               NA
Mean Y
               -0.200321942608696
11
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                0.132371684891304
Mean Z
          46
11
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
          46
               -0.954497498695652
11
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
          46
               -0.926310469565217
11
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
          46
               -0.925814906086956
                          Time Gravity
11
     WALKING DOWNSTAIRS
                                          Accelerometer
                                                         NA
                          0.126227657258696
Magnitude Mean NA
                     46
                          Time Gravity
                                          Accelerometer
11
     WALKING DOWNSTAIRS
                                                         NA
Magnitude SD
               NA
                     46
                          0.0507743652521739
11
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
46
     -0.318777012804348
                                     Gyroscope NA
11
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Y
46
     -0.528254524130435
                                    Gyroscope NA
11
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                         Mean Z
46
     -0.273459111956522
11
                                    Gyroscope NA
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                          SD
                                                               Х
46
     -0.397722757934783
11
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
                          Freq NA
46
     -0.481127494565217
                                                               Z
11
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                    NA
                                                          SD
                          Freq NA
     -0.397220471086957
46
                                     Gyroscope NA
                                                    Magnitude Mean
11
     WALKING DOWNSTAIRS
                          Freq NA
NA
          -0.456170108913043
11
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    Magnitude SD
NA
          -0.380559426947826
     46
11
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
          -0.668340527608696
NA
11
     WALKING DOWNSTAIRS
                                    Gyroscope Jerk Magnitude SD
                          Freq NA
NA
          -0.714229669347826
11
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Х
          0.0351937228130435
11
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
```

37	46 0 024750012422							
Y 11	46 0.0247508134320 WALKING DOWNSTAIRS		Body	Accelerom	ator	NA	NA	Mean
Z	46 <b>-0.</b> 377624755652	_	ьоцу	Accelerome	erer	IVA	NA	Mean
11	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	46 0.1799067643950	_	Боау	ACCCICION	CCI	1421	1471	שט
11	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	46 0.026277718106	_	Doug	1100010101	3001	-11-1		
11	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
$\mathbf{Z}$	46 -0.348626581523	_	_					
11	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
Mean	NA 46 0.0902807	576630	0435					
11	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
SD	NA 46 -0.1371230	060369	9565					
11	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
X	46 -0.12046300466							
11	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Y	46 -0.17747924009			_				
11	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Z	46 -0.530225529130		D1	3 1		T1-	377	an
11	WALKING_DOWNSTAIRS	_	воау	Accelerome	eter	Jerk	NA	SD
X 11	46 -0.128341630510		Podu	Aggolorom	otor	Jerk	NT 70	SD
Y	WALKING_DOWNSTAIRS 46 -0.130443829820	_	ьоцу	Accelerome	erer	nerk	NA	עמ
11	WALKING DOWNSTAIRS		Body	Accelerome	a+or	Jerk	NΙΔ	SD
Z	46 <b>-0.</b> 628902742820	_	Боау	Accereronic	CCI	DELK	IVE	שט
11	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magn	itude
Mean	<del></del>	_	_	110001010111	2001	OCIN	iiagii.	rcuuc
11	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	Magn	itude
SD	NA 46 -0.173661						,	
11	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
54	-0.0820909701727778							
11	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
54	-0.0566928808703704							
11	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
54	0.0638054379968518							
11	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
54	-0.501331630185185			_				
11	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
54	-0.28204453962963	m :	373	<b>G</b>	377	377	an	-
11	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
54 11	-0.694658851666667	mi~~	NT 74	Curoscon	NT 74	M ~ ~~	;+	Moon
11 NA	WALKING_UPSTAIRS	Time	NА	Gyroscope	NА	magn:	itude	mean
NA 11	54 -0.25504833694		NT 7N	Curocana	NT 7N	Magr	i + 1140	CD.
NA	WALKING_UPSTAIRS 54 -0.37790986240	Time	INT	Gyroscope	INT	riayii.	itude	ענ
11	WALKING UPSTAIRS	Time	NΔ	Gyroscope	Jerk	NΔ	Mean	X
54	-0.0645245413759259	1 11110	1417	cliopcobe	CLIC	7477	iicaii	23
<b>-</b> 1								

11	WALKING_UPSTAIRS	Time	NA	Gyrosco	оре і	Jerk	NA	Mean	Y
54 11	-0.0719834687944444 WALKING UPSTAIRS	Time	NΑ	Gyrosco	one i	Terk	NΑ	Mean	7.
54	-0.046076149625	111110	1111	Cyroboc	Spc (	) CIN	1111	nean	_
11	WALKING_UPSTAIRS	Time	NA	Gyrosco	оре б	Jerk	NA	SD	X
54	$-0.6604\overline{3}1336111111$								
11	WALKING_UPSTAIRS	Time	NA	Gyrosco	ope i	Jerk	NA	SD	Y
54	-0.809459436666667	_				_			
11	WALKING_UPSTAIRS	Time	NA	Gyrosco	ope i	Jerk	NA	SD	$\mathbf{Z}$
54	-0.777173388518518	m :	373			T1-	36		<b>M</b>
11 NA	WALKING_UPSTAIRS 54 -0.75731481388	Time	NA	Gyrosco	ope (	Jerk	magn.	Ltude	Mean
NA 11	WALKING UPSTAIRS	Time	NT 7N	Gyrosco	nna i	Tork	Magn	i + 11de	g D
NA	54 -0.80112703962		IVA	Gylosco	ope i	PELK	Magii.	Lcude	שט
11	WALKING UPSTAIRS		Body	Acceler	romet	er	NA	NA	Mean
X	54 0.263775859277		Dody	71000101	Conic	CCI	1121	1421	nean
11	WALKING UPSTAIRS		Bodv	Acceler	come	ter	NA	NA	Mean
Y	54 -0.03031578220		1						
11	WALKING UPSTAIRS		Body	Acceler	come	ter	NA	NA	Mean
Z	54 -0.10679721648		_						
11	WALKING_UPSTAIRS	Time	Body	Acceler	come	ter	NA	NA	SD
X	54 -0.238802959018								
11	WALKING_UPSTAIRS		Body	Acceler	come	ter	NA	NA	SD
Y	54 -0.10316750186								
11	WALKING_UPSTAIRS		Body	Acceler	come	ter	NA	NA	SD
Z	54 -0.20336939918								
11	WALKING_UPSTAIRS		_	Acceler	come	ter	NA	Magn	itude
Mean				<b>3 3</b>			377	36	
11 CD	WALKING_UPSTAIRS		_	Acceler	come	ter	NA	Magn	itude
SD 11	NA 54 -0.2895923 WALKING UPSTAIRS			Acceler	como	- or	Jerk	NT 7N	Mean
X	54 0.0968561683093		ьоцу	Acceses	LOINE	rer	nerv	IVA	Mean
11	WALKING_UPSTAIRS		Body	Acceler	romet	er	Jerk	NΑ	Mean
Y	54 <b>-</b> 0.013262528925		Dody	71000101	Conic	CCI	OCIA	1421	nean
11	WALKING UPSTAIRS		Bodv	Acceler	come	ter	Jerk	NA	Mean
Z	54 -0.01514638968		7						
11	WALKING UPSTAIRS		Body	Acceler	come	ter	Jerk	NA	SD
X	54 -0.452961683518	8519	_						
11	WALKING_UPSTAIRS	Time	Body	Acceler	come	ter	Jerk	NA	SD
Y	54 -0.42811922981	4815							
11	WALKING_UPSTAIRS		Body	Acceler	come	ter	Jerk	NA	SD
Z	54 -0.78535916722								
11	WALKING_UPSTAIRS		_	Acceler	come	ter	Jerk	Magn	itude
	NA 54 -0.509587								•
11	WALKING_UPSTAIRS		_	Acceler	come	ter	Jerk	Magn:	ıtude
SD	NA 54 -0.4904858			:	~~~ 7		. L c	<b>3.7</b> 7	NT 7
11	WALKING_UPSTAIRS	TIME	Grav:	гсу АС	cele	=rOM6	eter	NA	NA

Mean	X 54 0.8926261	5555556						
11	WALKING_UPSTAIRS	Time Gra	vity	Acce	Lerome	eter	NA	NA
Mean	Y 54 -0.3435769	924814815	•					
11	WALKING_UPSTAIRS		vity	Acce	Lerome	eter	NA	NA
Mean								
11	WALKING_UPSTAIRS		_	Accel	Lerome	eter	NA	NA
SD	X 54 -0.953463							
11	<del>-</del>		_	Acce.	Lerome	eter	NA	NA
SD	Y 54 -0.9243608			7 ~ ~ ~ ~	loromo	+ - ~	<b>3.T.7</b> 3	3.1.73
11 SD	WALKING_UPSTAIRS Z 54 -0.906933		_	Acce.	Lerome	ecer	NA	NA
11	WALKING UPSTAIRS			Acce	larome	tor	NA	
	itude Mean NA 54		_		rerome	CEI	IVA	
11	WALKING UPSTAIRS				lerome	ter	NA	
	<b>—</b>	-0.28959	_		LCLOIIIC	CCI	1121	
11	WALKING UPSTAIRS	Freq NA			NA	NA	Mean	X
54	-0.471782782222222	4	-1		_,			
11	WALKING UPSTAIRS	Freq NA	Gyros	cope	NA	NA	Mean	Y
54	-0.58116715444444	-	-	-				
11	WALKING UPSTAIRS	Freq NA	Gyros	scope	NA	NA	Mean	Z
54	-0.674671878518519	-	-	-				
11	WALKING_UPSTAIRS	Freq NA	Gyros	cope	NA	NA	SD	X
54	-0.517811645740741							
11	WALKING_UPSTAIRS	Freq NA	Gyros	cope	NA	NA	SD	Y
54	-0.153787850538889							
11	WALKING_UPSTAIRS	Freq NA	Gyros	cope	NA	NA	SD	Z
54	-0.729928728518519							
11	WALKING_UPSTAIRS	Freq NA	Gyros	cope	NA	Magni	Ltude	Mean
NA	54 -0.55009966							
11	WALKING_UPSTAIRS	-	Gyros	cope	NA	Magni	Ltude	SD
NA	54 -0.38122338277				_			
11	WALKING_UPSTAIRS	_	Gyros	scope	Jerk	Magni	Ltude	Mean
NA	54 -0.795986113703		<b>a</b>		- 1			a n
11	WALKING_UPSTAIRS	Freq NA	Gyros	scope	Jerk	Magni	Ltude	SD
NA	54 -0.822428718888		l 7			177	377	M = = =
11	WALKING_UPSTAIRS	_	ly Accel	erome	eter	NA	NA	Mean
X 11	54 -0.355348902222		l 7.0001	orome		<b>3.7.7</b> 3	<b>3.T.7</b> 3	Moon
Y	WALKING_UPSTAIRS 54 -0.25464520694	_	ly Accel	erome	erer	NA	NA	Mean
11	WALKING UPSTAIRS		lv Accel	orome	o+or	NA	NA	Mean
Z	54 <b>-0.</b> 55174208351	_	ly Accel	ELOINE	ecer	IVA	IVA	Mean
11	WALKING UPSTAIRS		lv Accel	erome	eter	NA	NA	SD
X	54 <b>-0.</b> 19873365561	_	iy 110001	CIOII	CCI	1421	1121	SD.
11	WALKING UPSTAIRS		lv Accel	erome	eter	NA	NA	SD
Y	54 <b>-0.</b> 08850481455	_	., 110001			-1	-1	
11	WALKING UPSTAIRS		ly Accel	erome	eter	NA	NA	SD
Z	54 -0.11370177019	_	_ ======		<b>-</b>			-
	· · - <del></del>							

11	WALKING_U				Acce	lerome	eter	NA	Magni	itude
Mean 11	NA 54 WALKING U	-0.3360			Nago.	loroma	tor	NA	Magn	itude
SD	NA 54				ACCE.	rerome	scer	IVA	Magii	Ltude
11	WALKING_U				Acce	lerome	eter	Jerk	NA	Mean
X		95927371								
11	WALKING_U			q Body	Acce	lerome	eter	Jerk	NA	Mean
Y 11	54 -0.4 WALKING U	55317917 psmatrs		a Body	Acce	lerome	tor	Jerk	NΔ	Mean
Z	54 <b>-0.</b> 7			q body	ACCC.	LCLOIIIC	CCI	UCIK	1471	ricun
11	WALKING_U			q Body	Acce	lerome	eter	Jerk	NA	SD
X	54 -0.4	58255021	296296							
11	WALKING_U			q Body	Acce	lerome	eter	Jerk	NA	SD
Y		37276328		_ ,				_ ,		
11 Z	WALKING_U 54 -0.8	PSTAIRS 03845087		q Body	Acce.	Lerome	eter	Jerk	NA	SD
ու 11	WALKING U			a Body	Acce.	lerome	tor	Jerk	Magni	i + 11de
Mean		-0.4759			ACCE	LELOINE	CCI	OCIK	Magin	Lcude
11	WALKING U				Acce	lerome	eter	Jerk	Magni	itude
SD	_	-0.5137							_	
12	LAYING	Time NA	Gyr	oscope	NA	NA	Mean	X		
60	-0.014654									
12	LAYING		-	oscope	NA	NA	Mean	Y		
60	-0.083553							_	<i>-</i>	
12	LAYING	Time NA	Gyr	oscope	NA	NA	Mean	Z	60	
12	519184795 LAYING	Time NA	C	oggono	NT 7N	NA	SD	Х		
60	-0.966090		. Gyr	oscope	NA	IVA	עפ	Λ		
12	LAYING	Time NA	Gvr	oscope	NA	NA	SD	Y		
60	-0.953873		_	овооро	1111	-11-1	22	-		
12	LAYING			oscope	NA	NA	SD	Z		
60	-0.950157	44216666	7	_						
12	LAYING	Time NA	Gyr	oscope	NA	Magni	Ltude	Mean	NA	
60	-0.930840	5935								
12	LAYING	Time NA	_	oscope	NA	Magni	Ltude	SD	NA	
60	-0.935725									
12	LAYING	Time NA	4	oscope	Jerk	NA	Mean	X		
60	-0.099040									
12	LAYING	Time NA	-	oscope	Jerk	NA	Mean	Y		
60 12	-0.041067			000000	Torde	NT 7N	Moon	7		
60	LAYING -0.067890	Time NA	-	oscope	Jerk	NA	Mean	Z		
12	LAYING	Time NA		oscope	Jork	NΙΔ	SD	X		
60	-0.967198		. Gyr	овсорс	OCIK	1477	DD	Λ		
12	LAYING	Time NA	Gvr	oscope	Jerk	NA	SD	Y		
60	-0.965900		-					_		
12	LAYING	Time NA		oscope	Jerk	NA	SD	Z		
			-	-						

60	-0.969953929666667						
12 60	LAYING Time NA -0.971067768833333	Gyroscope Jerk	Magn	itude	Mean	NA	
12	LAYING Time NA	Gyroscope Jerk	Magn	itude	SD	NA	
60 12	-0.962012018333333 LAYING Time Body	Accelerometer	NA	NA	Mean	v	60
	0113433	Accelelometel	IVA	IVA	Mean	Λ	00
12		Accelerometer	NA	NA	Mean	Y	
60	-0.0175203917146667						
12	<b>-</b>	Accelerometer	NA	NA	Mean	Z	
60	-0.108160125666667	_					
12	_	Accelerometer	NA	NA	SD	X	
60 12	-0.95531868 LAYING Time Body	Accelerometer	NA	NA	SD	Y	
60	-0.949072009333333	Accelerometer	IVA	IVA	עמ	1	
12		Accelerometer	NA	NA	SD	Z	
60	-0.9483338435					_	
12	LAYING Time Body	Accelerometer	NA	Magni	tude	Mean	NA
60	-0.9482046755						
12	_	Accelerometer	NA	Magni	Ltude	SD	NA
60	-0.936542686833333		_ ,				
12	<del>-</del>	Accelerometer	Jerk	NA	Mean	Х	60
12	54295393833333 LAYING Time Body	Accelerometer	Jerk	NT 7N	Mean	v	60
	774408308	Accelelometel	DELK	INT	Mean	1	00
12		Accelerometer	Jerk	NA	Mean	$\mathbf{z}$	
60	-0.0043714837772						
12	LAYING Time Body	Accelerometer	Jerk	NA	SD	X	
60	-0.969276283333333						
12	<del>-</del>	Accelerometer	Jerk	NA	SD	Y	
60	-0.962639526833333					_	
12	<del>-</del>	Accelerometer	Jerk	NA	SD	Z	
60 12	-0.970629308166667 LAYING Time Body	Aggoloromotor	Tords	Magn	±d.o	Moon	NT 70
60	-0.969843834166667	Accelerometer	nerk	Magii	Luue	Mean	NA
12		Accelerometer	Jerk	Magni	tude	SD	NA
60	-0.962580915166667	110001010110001	00111	1149111	Loudo	22	1111
12	LAYING Time Grav	ity Accelerom	eter	NA	NA	Mean	X
60	-0.3785920653	_					
12	LAYING Time Grave	ity Accelerom	eter	NA	NA	Mean	Y
60	0.8033788345						
12	LAYING Time Grave	ity Accelerom	eter	NA	NA	Mean	Z
60	0.2750431984			37.7	37.7	a D	v
12 60	LAYING Time Grav: -0.936458309333333	ity Accelerom	eter	NA	NA	SD	X
12	LAYING Time Grav	ity Accelerom	eter	NA	NA	SD	Y
60	-0.974396492666667	rel Mocererom	CCCI	1117	7.17.7	ענ	<b>±</b>

12	LAYING	Time	Gravi	t.v	Accel	erome	eter	NA	NA	SD	Z
60	-0.9596439		or a r		110001	- O1 O11110	7001	-11-1		22	_
12			Gravi	tv	Accel	erome	eter	NA	Magni	tude	Mean
NA	60 -0.94			2					,		
12	LAYING	Time	Gravi	ty	Accel	erome	eter	NA	Magni	tude	SD
NA			86833	_					,		
12	LAYING	Freq	NA	Gyros	cope	NA	NA	Mean	Х		
60	-0.9566538	_		4	-						
12	LAYING		NA	Gyros	cope	NA	NA	Mean	Y		
60	-0.9525617	_		-	-						
12	LAYING	Freq	NA	Gyros	cope	NA	NA	Mean	Z		
60	-0.9456732	_		-	-						
12	LAYING	Freq	NA	Gyros	cope	NA	NA	SD	X		
60	-0.9692545	_		_	_						
12	LAYING	Freq	NA	Gyros	cope	NA	NA	SD	Y		
60	-0.9553436	6756 <u>6</u> 6		-	-						
12	LAYING	Freq	NA	Gyros	cope	NA	NA	SD	Z		
60	-0.9564243	382333	3333	_	_						
12	LAYING	Freq	NA	Gyros	cope	NA	Magni	tude	Mean	NA	
60	-0.9454970	0225		_	_		_				
12	LAYING	Freq	NA	Gyros	cope	NA	Magni	tude	SD	NA	
60	-0.9403738	327666	667								
12	LAYING	Freq	NA	Gyros	cope	Jerk	Magni	tude	Mean	NA	
60	-0.9639496	507166	6667								
12	LAYING	Freq	NA	Gyros	cope	Jerk	Magni	tude	SD	NA	
60	-0.9619116	512333	3333								
12	LAYING	Freq	Body	Accel	erome	eter	NA	NA	Mean	X	
60	-0.9562484	187666	6667								
12	LAYING	Freq	Body	Accel	erome	eter	NA	NA	Mean	Y	
60	-0.9512659	971									
12	LAYING	Freq	Body	Accel	erome	eter	NA	NA	Mean	Z	
60	-0.9547248	301666	667								
12	LAYING	_	Body	Accel	erome	eter	NA	NA	SD	X	
60	-0.9552076	541833	3333								
12	LAYING	Freq	Body	Accel	erome	eter	NA	NA	SD	Y	
60	-0.9506400	0405									
12	LAYING	_	Body	Accel	erome	eter	NA	NA	SD	Z	
60	-0.9483808										
12	LAYING	_	Body	Accel	erome	eter	NA	Magni	tude	Mean	NA
60	-0.9438674										
12	LAYING		Body	Accel	erome	eter	NA	Magni	tude	SD	NA
60	-0.9421332										
12	LAYING	_	Body	Accel	erome	eter	Jerk	NA	Mean	X	
60	-0.9687427										
12	LAYING	_	Body	Accel	erome	eter	Jerk	NA	Mean	Y	
60	-0.9632233										
12	LAYING	Freq	Body	Accel	erome	eter	Jerk	NA	Mean	Z	

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60
     -0.967149695166667
12
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
     LAYING
60
     -0.972820011166667
12
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
60
     -0.964703656833333
12
                Freq Body Accelerometer
                                                     SD
                                                          Z
     LAYING
                                          Jerk NA
60
     -0.972713844666667
12
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
60
     -0.962448418666667
12
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
60
     -0.961653004
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
51
     -0.0424159182941176
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
51
     -0.0751980398235294
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Z
                                                          51
0.0728462158235294
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
51
     -0.974425351960784
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
51
     -0.960497127647059
12
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
51
     -0.951552533137255
12
     SITTING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
51
     -0.941907240784314
12
     SITTING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
51
     -0.946769241568627
12
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean X
     -0.0941023489803922
51
12
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
51
     -0.0387477474705882
12
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Z
51
     -0.0515634091411765
12
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
51
     -0.977329927254902
12
                                                     Y
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                SD
51
     -0.979347830784314
                                                     \mathbf{Z}
12
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                SD
51
     -0.977138953921569
12
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
               Time NA
     -0.980392337647059
51
12
     SITTING
                Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
51
     -0.978260535882353
                Time Body Accelerometer
                                                                51
12
     SITTING
                                          NA
                                                NA
                                                     Mean X
0.275007224901961
12
     SITTING
                Time Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
     -0.0157892988523529
51
```

12		-	Accel	erometer	NA	NA	Mean	$\mathbf{Z}$	
51 12		ime Body	Accel	erometer	NA	NA	SD	X	
51 12	-0.982568781 SITTING Ti		Accel	erometer	NA	NA	SD	Y	
51	-0.92858124								
12 51	SITTING Ti -0.939661889	_	Accel	erometer	NA	NA	SD	Z	
12 51	SITTING Ti -0.952176621	_	Accel	erometer	NA	Magni	Ltude	Mean	NA
12	SITTING Ti	ime Body	Accel	erometer	NA	Magni	tude	SD	NA
51 12	-0.947517100 SITTING Ti		Accel	erometer	Jerk	NA	Mean	X	51
0.07 12	7127765607843 SITTING Ti		Accel	erometer	Jerk	NΔ	Mean	v	51
0.01	0599050405490	)2							31
12 51	SITTING Ti -0.002045759	_	Accel	erometer	Jerk	NA	Mean	Z	
12		_	Accel	erometer	Jerk	NA	SD	X	
51 12	-0.976494200 SITTING Ti		Accel	erometer	Jerk	NA	SD	Y	
51 12	-0.964047461 SITTING Ti		Accel	erometer	Jerk	NΔ	SD	Z	
51	-0.979113466	_	110001	er ome cer	OCIA	1421	DD	_	
						_			
12	SITTING Ti	ime Body	Accel	erometer	Jerk	Magni	tude	Mean	NA
12 51 12	SITTING Ti -0.974734489 SITTING Ti	ime Body 9803922 ime Body		erometer Lerometer		_			NA NA
12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892	ime Body 9803922 ime Body 2745098	Accel		Jerk	_			NA
12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754	ime Body 9803922 ime Body 2745098 ime Gravi 490196	Accel ty	erometer Accelerome	Jerk eter	Magni NA	tude NA	SD Mean	NA X
12 51 12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010	ime Body 9803922 ime Body 2745098 ime Gravi 490196 ime Gravi 9823529	Accel ty	erometer Accelerome	Jerk eter eter	Magni NA NA	Ltude NA NA	SD Mean Mean	NA X Y
12 51 12 51 12 51 12 51 12	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi	Accel ty	erometer Accelerome	Jerk eter eter	Magni NA NA	Ltude NA NA	SD Mean	NA X Y
12 51 12 51 12 51 12 51 12 51 12	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 5078431 ime Gravi	Accel ty ty	erometer Accelerome	Jerk eter eter	Magni NA NA	Ltude NA NA	SD Mean Mean	NA X Y
12 51 12 51 12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 5078431 ime Gravi	Accel ty ty ty	erometer Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	itude NA NA NA	SD Mean Mean Mean	NA X Y Z
12 51 12 51 12 51 12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 5078431 ime Gravi 2352941 ime Gravi	Accel ty ty ty ty ty	Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD SD	NA X Y Z X
12 51 12 51 12 51 12 51 12 51 12 51 12	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 2352941 ime Gravi 9215686 ime Gravi	Accel ty ty ty ty ty	Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	itude NA NA NA NA	SD Mean Mean Mean SD	NA X Y Z
12 51 12 51 12 51 12 51 12 51 12 51 12 51 12	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979 SITTING Ti -0.956208629 SITTING Ti	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 2352941 ime Gravi 9215686 ime Gravi 9607843 ime Gravi	Accel ty ty ty ty ty ty ty	Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter	Magni NA NA NA NA	NA NA NA NA NA NA	SD Mean Mean Mean SD SD	NA X Y Z X Y
12 51 12 51 12 51 12 51 12 51 12 51 12 51 12 51 12	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979 SITTING Ti -0.956208629 SITTING Ti 51 -0.9521 SITTING Ti	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 2352941 ime Gravi 9215686 ime Gravi 9607843 ime Gravi	Accel ty ty ty ty ty ty ty ty ty	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA	itude NA NA NA NA NA NA	SD Mean Mean Mean SD SD SD	NA X Y Z X Y Z Mean
12 51 12 51 12 51 12 51 12 51 12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979 SITTING Ti -0.956208629 SITTING Ti 51 -0.9521 SITTING Ti 51 -0.9475	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 2352941 ime Gravi 9215686 ime Gravi 9607843 ime Gravi 176621372 ime Gravi	Accel ty	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA	itude NA NA NA NA NA Magni	SD Mean Mean SD SD SD Stude	NA X Y Z X Y Z Mean
12 51 12 51 12 51 12 51 12 51 12 51 12 51 12 51 12 51 12 51	SITTING Ti -0.974734489 SITTING Ti -0.972745892 SITTING Ti 0.9262289754 SITTING Ti 0.0830509010 SITTING Ti 0.0885640696 SITTING Ti -0.985203642 SITTING Ti -0.963641979 SITTING Ti -0.956208629 SITTING Ti 51 -0.9521 SITTING Ti 51 -0.9521 SITTING Ti 51 -0.958528985	ime Body 9803922 ime Body 2745098 ime Gravi 190196 ime Gravi 0823529 ime Gravi 5078431 ime Gravi 9215686 ime Gravi 9607843 ime Gravi 176621372 ime Gravi	Accel ty form	Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA	itude NA NA NA NA NA Magni	SD Mean Mean SD SD SD Stude	NA X Y Z X Y Z Mean

```
51
     -0.963725248823529
12
     SITTING
                          Gyroscope NA
                                               Mean Z
               Freq NA
                                          NA
51
     -0.955718183921569
12
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
51
     -0.976339901372549
12
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
51
     -0.959040695686274
12
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
51
     -0.954769877647059
12
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
51
     -0.958511866666667
12
     SITTING
                          Gyroscope NA
                                          Magnitude SD
               Freq NA
                                                          NA
51
     -0.948460978823529
12
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
51
     -0.97848445372549
12
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
51
     -0.979256387058824
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
51
     -0.97966614372549
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
51
     -0.942768016862745
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
51
     -0.954626628823529
               Freq Body Accelerometer
12
     SITTING
                                          NA
                                               NA
                                                     SD
                                                          Χ
51
     -0.98399947745098
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Υ
51
     -0.926033975686275
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
     -0.935916958235294
51
12
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
51
     -0.955944253137255
12
                                               Magnitude SD
     SITTING
               Freq Body Accelerometer
                                          NA
                                                                NA
51
     -0.950647188823529
               Freq Body Accelerometer
12
     SITTING
                                          Jerk NA
                                                     Mean X
51
     -0.977109887058824
12
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                     Mean Y
51
     -0.964236191372549
12
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
51
     -0.975551564117647
12
               Freq Body Accelerometer
                                                          Х
     SITTING
                                          Jerk NA
                                                     SD
51
     -0.977980349019608
12
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
51
     -0.966538919607843
               Freq Body Accelerometer
12
     SITTING
                                          Jerk NA
                                                     SD
                                                          \mathbf{z}
51
     -0.981408871764706
12
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
51
     -0.971715268627451
```

12 51	SITTING Freq Bo -0.97295144333333	-	Accelerome	eter	Jerk	Magni	tude	SD	NA
12	STANDING Time N		Gyroscope	NΙΔ	NA	Mean	Y		
61	-0.0300030427426		dyroscope	1421	1471	ricuii	7.		
12	STANDING Time N		Gyroscope	NA	NA	Mean	Y		
61	-0.0700083750360		-2				_		
12	STANDING Time N		Gyroscope	NA	NA	Mean	Z	61	
0.074	1256819								
12	STANDING Time N	A	Gyroscope	NA	NA	SD	X		
61	-0.8836552518032	79							
12	STANDING Time NA	A	Gyroscope	NA	NA	SD	Y		
61	-0.9414692075409	84							
12	STANDING Time N	A	Gyroscope	NA	NA	SD	Z		
61	-0.9503647575409								
12	STANDING Time N		Gyroscope	NA	Magni	Ltude	Mean	NA	
61	-0.8881013727868								
12	STANDING Time N		Gyroscope	NA	Magni	Ltude	SD	NA	
61	-0.8522716180327		_	_					
12	STANDING Time N		Gyroscope	Jerk	NA	Mean	X		
61	-0.0976380412377		_	_ ,					
12	STANDING Time NA		Gyroscope	Jerk	NA	Mean	Y		
61	-0.0409520826508		<b>G</b>	T1-	377	36			
12	STANDING Time N		Gyroscope	Jerk	NA	Mean	Z		
61 12	-0.0482863736885		Curagana	Tords	<b>3.T.7</b> 3	CD	V		
61	STANDING Time NA -0.9554156418032		Gyroscope	nerk	NA	SD	X		
12	STANDING Time N		Gyroscope	Jork	NΤΛ	SD	Y		
61	-0.9711954873770		Gyroscope	DELK	IVA	עכ	1		
12	STANDING Time N		Gyroscope	Terk	NΔ	SD	Z		
61	-0.97368938967213		dyroscope	DELK	IVE	שמ	7		
12	STANDING Time N		Gyroscope	Jerk	Magni	tude	Mean	NΑ	
61	-0.9692899736065		Cyroboope	CCIN	1149111	Loude	nean	1111	
12	STANDING Time N		Gyroscope	Jerk	Magni	tude	SD	NA	
61	-0.9619231719672		07-000-60		9			_,	
12			Accelerome	eter	NA	NA	Mean	Х	61
0.27	7405834918033	_							
12	STANDING Time Bo	ody	Accelerome	eter	NA	NA	Mean	Y	
61	-0.0169002543196	721							
12	STANDING Time Bo	ody	Accelerome	eter	NA	NA	Mean	Z	
61	-0.1055269997540	98							
12	STANDING Time Bo	ody	Accelerome	eter	NA	NA	SD	X	
61	-0.9812439924590	16							
12	STANDING Time Bo	ody	Accelerome	eter	NA	NA	SD	Y	
61	-0.9231402540983	61							
12		_	Accelerome	eter	NA	NA	SD	Z	
61	-0.9206848001147								
12	STANDING Time Bo	ody	Accelerome	eter	NA	Magni	tude	Mean	NA

61	-0.941459935081967						
12	STANDING Time Body Acceleron	eter	NA	Magni	tude	SD	NA
61	-0.935232945245902	.0001	1111	1109111	Loudo		1,111
12	STANDING Time Body Acceleron	eter	Jerk	NA	Mean	X	61
0.07	44631761967213						
12	STANDING Time Body Acceleron	eter	Jerk	NA	Mean	Y	61
	00480041062295						
12	STANDING Time Body Acceleron	eter	Jerk	NA	Mean	$\mathbf{Z}$	
61	-0.00788131384131148		T1-	373	a D	***	
12 61	STANDING Time Body Acceleron -0.972440195081967	eter	Jerk	NA	SD	X	
12	STANDING Time Body Acceleron	atar	Jerk	NΙΔ	SD	Y	
61	-0.953203115409836	ie cer	DELK	IVA	שמ	1	
12	STANDING Time Body Acceleron	eter	Jerk	NA	SD	Z	
61	-0.975556976885246						
12	STANDING Time Body Acceleron	eter	Jerk	Magni	tude	Mean	NA
61	-0.968790683278689						
12	STANDING Time Body Acceleron	eter	Jerk	Magni	tude	SD	NA
61	-0.962678857213115	_					
12	<b>-</b>	elerome	eter	NA	NA	Mean	X
61 12	0.957317821803279	elerome	0+05	NA	<b>3.T.7</b> 3	Moon	V
61	STANDING Time Gravity Acce -0.21886535557377	ererome	erer	NA	NA	Mean	ĭ
12		lerom	eter	NA	NA	Mean	7.
61	-0.0395382767304918	202011	0001	-11-1		110411	_
12		lerom	eter	NA	NA	SD	X
61	-0.985314210491803						
12	<b>-</b>	lerom	eter	NA	NA	SD	Y
61	-0.970482614590164						
12	<b>-</b>	elerome	eter	NA	NA	SD	Z
61	-0.939534099016393	7		373	36		36
12 NA	<u> -</u>	elerome	eter	NA	Magni	Ltude	Mean
NA 12	61 -0.941459935081967 STANDING Time Gravity Acce	elerome	atar	NA	Magni	itude	SD
NA	61 -0.935232945245902	ELELOIN	ecer	IVA	Magiri	Lcude	SD
12	STANDING Freq NA Gyroscope	NA	NA	Mean	Х		
61	-0.890292711147541						
12	STANDING Freq NA Gyroscope	NA	NA	Mean	Y		
61	-0.948251856721312						
12	STANDING Freq NA Gyroscope	NA	NA	Mean	Z		
61	-0.95260195295082						
12	STANDING Freq NA Gyroscope	· NA	NA	SD	X		
61 12	-0.884385204098361	. 1.77	NT 7\	CD	v		
61	STANDING Freq NA Gyroscope -0.938529853770492	: IVA	NA	SD	Y		
12	STANDING Freq NA Gyroscope	NA	NA	SD	Z		
61	-0.954335764426229		-,		_		

12 61	STANDING Freq NA -0.90235676557377		NA	Magn	itude	Mean	NA	
12	STANDING Freq NA	Gyroscope	NA	Magn	itude	SD	NA	
61 12	-0.850033171967213 STANDING Freq NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
61 12	-0.963059791967213		Jerk	Magn	itude	SD	NA	
61	-0.96290973901639			_				
12 61	STANDING Freq Boo -0.976469472295083	-	eter	NA	NA	Mean	X	
12	STANDING Freq Boo		eter	NA	NA	Mean	v	
61	-0.93277567770491	-	CCCI	1471	1421	ricuii	_	
12	STANDING Freq Boo		eter	NA	NA	Mean	Z	
61	-0.94717820016393	_					_	
12	STANDING Freq Boo		eter	NA	NA	SD	Х	
61	-0.98364720737704	-						
12	STANDING Freq Boo	dy Accelerom	eter	NA	NA	SD	Y	
61	-0.92285202836065	-						
12	STANDING Freq Boo	dy Accelerom	eter	NA	NA	SD	$\mathbf{Z}$	
61	-0.91418918377049	2						
12	STANDING Freq Boo	dy Accelerom	eter	NA	Magn	itude	Mean	NA
61	-0.94521780278688	5						
12	STANDING Freq Boo	=	eter	NA	Magn	itude	SD	NA
61	-0.93974192901639							
12	STANDING Freq Boo	_	eter	Jerk	NA	Mean	X	
61	-0.97197163409836			_ ,				
12	STANDING Freq Boo	dy Accelerom	eter	Jerk	NA	Mean	Y	
61	-0.95329178	d. Accolonom	a+ a m	Totale	NT 70	Moon	<b>7</b>	
12	STANDING Freq Boo -0.97112252786885	-	eter	Jerk	NA	Mean	Z	
61 12	STANDING Freq Boo		otor	Jerk	NT 7N	SD	Х	
61	-0.97558143901639	_	ecer	DELY	IVA	שט	Λ	
12	STANDING Freq Boo		eter	Jerk	NΑ	SD	Y	
61	-0.95666634442623	a, 1100010101	0001	00111	-11-1	22	-	
12		dy Accelerom	eter	Jerk	NA	SD	Z	
61	-0.97879283278688	-						
12	STANDING Freq Boo	dy Accelerom	eter	Jerk	Magn	itude	Mean	NA
61	-0.96085900950819				_			
12	STANDING Freq Boo	dy Accelerom	eter	Jerk	Magn	itude	SD	NA
61	-0.96414559524590	2						
12	WALKING Time NA	Gyroscope	NA	NA	Mean	X		
50	-0.1045136708758							
12	WALKING Time NA	Gyroscope	NA	NA	Mean	Y		
50	-0.03442910782	_				_		
12	WALKING Time NA	Gyroscope	NA	NA	Mean	Z	50	
	99739123004	Q	3.7.7	377	ap.	37		
12	WALKING Time NA	Gyroscope	АИ	NA	SD	X		

50	-0.5462634706								
12	WALKING Time	NA	Gyroscope	NA	NA	SD	Y		
50	-0.4494013978								
12	WALKING Time	NA	Gyroscope	NA	NA	SD	Z		
50	-0.35017028664		•						
12	WALKING Time	NA	Gyroscope	NA	Magn	itude	Mean	NA	
50 12	-0.35593036512 WALKING Time	NΔ	Gyroscope	NΙΔ	Magni	itude	g D	NA	
50	-0.4132083408	INT	дуговсоре	IVA	Magii	Lcude	שט	IVA	
12	WALKING Time	NA	Gyroscope	Jerk	NA	Mean	Х		
50	-0.06223893174		<u> </u>						
12	WALKING Time	NA	Gyroscope	Jerk	NA	Mean	Y		
50	-0.049852604592	!							
12	WALKING Time		Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
50	-0.046733815192		_	_ ,		~-			
12	WALKING Time	NA	Gyroscope	Jerk	NA	SD	X		
50 12	-0.3908072382 WALKING Time	<b>NT 7</b>	Gyroscope	Tork	NT 7A	SD	Y		
50	-0.581290691	NA	Gyroscope	DELK	IVA	עמ	1		
12	WALKING Time	NA	Gyroscope	Jerk	NA	SD	Z		
50	-0.4806421996		0,1000000				_		
12	WALKING Time	NA	Gyroscope	Jerk	Magni	itude	Mean	NA	
50	-0.5174937754								
12	WALKING Time	NA	Gyroscope	Jerk	Magni	itude	SD	NA	
50	-0.5488904506								
12		Body	Accelerome	eter	NA	NA	Mean	X	50
	71286656	Dod	Accelement		3.7.73	NT 70	Maan	37	
12 50	WALKING Time -0.015560927606	_	Accelerome	eter	NA	NA	Mean	Y	
12			Accelerome	ter	NA	NA	Mean	7.	
50	-0.10316110632	Вошу	7100010110	JUCI	1121	1421	nean	2	
12		Body	Accelerome	eter	NA	NA	SD	X	
50	-0.128898533096								
12	WALKING Time	Body	Accelerome	eter	NA	NA	SD	Y	
50	-0.122783290008								
12		Body	Accelerome	eter	NA	NA	SD	Z	
50	-0.4106060626	D1			377	36		<b>M</b> = = ==	373
12 50	WALKING Time -0.102204550448	_	Accelerome	eter	NA	Magn	Ltuae	Mean	NA
12			Accelerome	ter	NA	Magn	itude	SD	NA
50	-0.23697286882	Вошу	7100010110	JUCI	1121	nagn	Leade	DD	1421
12		Body	Accelerome	eter	Jerk	NA	Mean	X	50
0.045	5764401482	-							
12	WALKING Time	Body	Accelerome	eter	Jerk	NA	Mean	Y	50
	97766948336								
12		Body	Accelerome	eter	Jerk	NA	Mean	Z	50
0.005	5025870328								

```
Time Body Accelerometer
12
     WALKING
                                          Jerk NA
                                                     SD
                                                          Х
50
     -0.01350661106
                Time Body Accelerometer
12
                                          Jerk NA
                                                          Υ
     WALKING
                                                     SD
50
     -0.089404968585
                Time Body Accelerometer
                                                          \mathbf{Z}
12
     WALKING
                                          Jerk NA
                                                     SD
50
     -0.512276838
12
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
50
     -0.144064922688
12
                Time Body Accelerometer Jerk Magnitude SD
     WALKING
                                                               NA
50
     -0.02028505044
12
                               Accelerometer
     WALKING
                Time Gravity
                                               NA
                                                     NA
                                                          Mean X
50
     0.9668735148
12
     WALKING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
     -0.1559834498
50
12
                Time Gravity
                               Accelerometer
                                                          Mean Z
     WALKING
                                               NA
                                                     NA
50
     -0.03608428788
12
                Time Gravity Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Х
     WALKING
50
     -0.97911312
12
     WALKING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Y
50
     -0.9646191738
12
                Time Gravity
                               Accelerometer
                                                     NA
                                                          SD
                                                               Z
     WALKING
                                               NA
50
     -0.9502762272
12
                               Accelerometer
                                                     Magnitude Mean
     WALKING
                Time Gravity
                                               NA
NA
     50
          -0.102204550448
12
     WALKING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
          -0.23697286882
NA
     50
12
                                               Mean X
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
50
     -0.4019759318
12
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
50
     -0.4678863378
12
     WALKING
                          Gyroscope NA
               Freq NA
                                          NA
                                               Mean Z
50
     -0.31728248436
12
                          Gyroscope NA
                                               SD
                                                     Х
     WALKING
               Freq NA
                                          NA
50
     -0.5931428818
12
                          Gyroscope NA
                                               SD
                                                     Y
     WALKING
               Freq NA
                                          NA
50
     -0.4437983296
                          Gyroscope NA
                                                     Z
12
     WALKING
               Freq NA
                                          NA
                                               SD
50
     -0.4222565212
12
     WALKING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
50
     -0.442503784
12
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
50
     -0.4948022154
12
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
50
     -0.5611764414
12
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
50
     -0.5649340126
12
               Freq Body Accelerometer
     WALKING
                                          NA
                                               NA
                                                     Mean X
```

F.0	0 054055	62051									
50	-0.054357		Dode	7~~~	l	a+ a = a	377	377	Maan	37	
12 50	WALKING -0.071302	_	Body	Acce.	Lerome	eter	NA	NA	Mean	Y	
12	WALKING			7 CCO	lorom	otor	NA	NA	Mean	7	
50	-0.422325	_	ьоцу	ACCE.	rerom	ecei	IVA	IVA	Mean	7	
12	WALKING		Body	Acce.	leroma	atar	NA	NA	SD	Х	
50	-0.160707	_	_	ACCE.	rerom	ecer	IVA	IVA	שט	Λ	
12	WALKING			Acce	lerome	eter	NA	NA	SD	Y	
50	-0.208515	_	Dody	11000	LCI OIII	CCCI	1411	1421	DD	-	
12	WALKING		Body	Acce	Lerom	eter	NA	NA	SD	Z	
50	-0.452146	_	1								
12	WALKING	Freq	Body	Acce	Lerome	eter	NA	Magn	itude	Mean	NA
50	-0.153116	_	_					,			
12	WALKING	Freq	Body	Acce	Lerom	eter	NA	Magn	itude	SD	NA
50	-0.408896	2994	_								
12	WALKING	Freq	Body	Acce	Lerom	eter	Jerk	NA	Mean	X	
50	-0.081619	79534									
12	WALKING	Freq	Body	Acce	lerom	eter	Jerk	NA	Mean	Y	
50	-0.141374	070598	32								
12	WALKING	_	Body	Acce	Lerom	eter	Jerk	NA	Mean	Z	
50	-0.491386										
12	WALKING	_	Body	Acce	Lerom	eter	Jerk	NA	SD	X	
50	-0.031059		_	_			_				
12	WALKING	_	Body	Acce.	Lerom	eter	Jerk	NA	SD	Y	
50	-0.094056									_	
12	WALKING	_	Body	Acce.	Lerom	eter	Jerk	NA	SD	Z	
50	-0.531486		D1	<b>3</b>	1		T1-	36		36	377
12	WALKING -0.029912	_	Body	Acce.	Lerom	eter	Jerk	Magn.	itude	Mean	NA
50 12	WALKING			7000	lorom	otor	Tork	Magn	i + 11d0	CD.	NA
50	-0.013953	_	_	Acce.	rerome	erer	nerk	Magn	itude	รบ	NA
12	WALKING D			Time	NΔ	Gyros	scope	NΙΔ	NA	Mean	Y
46	-0.112531			TIME	IVA	Gyro.	эсоре	IVA	IVE	Mean	Λ
12	WALKING D			Time	NA	Gyros	scope	NΑ	NA	Mean	Υ
46	-0.042733			11110		0,10.	оче	-11-1	1111	110411	-
12	WALKING D			Time	NA	Gyros	scope	NA	NA	Mean	Z
46	0.0895434					4	-				
12	WALKING D			Time	NA	Gyros	scope	NA	NA	SD	X
46	-0.362143	061643	3478			_	_				
12	WALKING_D	OWNST	AIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
46	-0.476287	743260	087								
12	WALKING_D	OWNST	AIRS	Time	NA	Gyros	scope	NA	NA	SD	$\mathbf{Z}$
46	-0.337806	68145	6522								
12	WALKING_D			Time	NA	Gyros	scope	NA	Magn	itude	Mean
NA		13351								_	
12	WALKING_D			Time	NA	Gyros	scope	NA	Magn	itude	SD
NA	46 -0.3	20458	52629								

12	<del>_</del>	rime	NA	Gyroscope	Jerk	NA	Mean	X
46 12	<del>_</del>	Time	NA	Gyroscope	Jerk	NA	Mean	Y
46 12	<del>_</del>	Time	NA	Gyroscope	Jerk	NA	Mean	Z
46 12	-0.0653239980021739 WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
46 12	-0.278608163891304 WALKING DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
46 12	-0.517479109130435	rime	NΔ	Gyroscope			SD	Z
46	-0.365232197456522							
12 NA	WALKING_DOWNSTAIRS	Time 435	NA	Gyroscope	Jerk	Magni	tude	Mean
12 NA	WALKING_DOWNSTAIRS 5	Time	NA	Gyroscope	Jerk	Magni	tude	SD
12 X			Body	Accelerome	eter	NA	NA	Mean
12	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
Y 12	46 -0.0180842668657 WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z 12	46 -0.1095559322608 WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
X 12	46 0.04240849160869	956	_	Accelerome		NA	NA	SD
Y	46 0.11083534373913	3	_					
12 Z	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
12 Mean	WALKING_DOWNSTAIRS S NA 46 0.018313942		_	Accelerome	eter	NA	Magni	itude
12	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	Magni	itude
SD 12	NA 46 0.097260827 WALKING_DOWNSTAIRS	Time		Accelerome	eter	Jerk	NA	Mean
X 12	46 0.06215002517173 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y 12	46 -0.0119289154608 WALKING DOWNSTAIRS		Bodv	Accelerome	eter	Jerk	NA	Mean
Z	46 0.00485262425869	9565	_					
12 X	WALKING_DOWNSTAIRS 2 46 0.00631914373913	3043	_			Jerk		SD
12 Y	WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
12 Z	WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
12	WALKING_DOWNSTAIRS	Time	_	Accelerome	eter	Jerk	Magni	itude
Mean 12	NA 46 -0.10709103 WALKING_DOWNSTAIRS			Accelerome	eter	Jerk	Magni	itude

SD	NA 46 0.06557812	271934	1783						
12	WALKING_DOWNSTAIRS			ty i	Accel	erome	eter	NA	NA
Mean	X 46 0.94986198	306521	L74						
12	WALKING_DOWNSTAIRS			ty i	Accel	erome	eter	NA	NA
Mean				<b>_</b> :	7 ~ ~ ~ 1	oromo	+02	NT 70	NT 7A
12 Mean	WALKING_DOWNSTAIRS Z 46 -0.0561050		Gravi Rn/35	ty /	Accel	erome	eter	NA	NA
12	WALKING DOWNSTAIRS			t.v /	Accel	erome	eter	NA	NA
SD	X 46 -0.9595040			1				-,	
12	WALKING_DOWNSTAIRS	Time	Gravi	ty i	Accel	erome	eter	NA	NA
SD	Y 46 -0.9432984								
12	WALKING_DOWNSTAIRS		Gravi	ty i	Accel	erome	eter	NA	NA
SD	Z 46 -0.9353993								
12	WALKING_DOWNSTAIRS			_		erome	eter	NA	
Magn.	itude Mean NA 46			29630 .ty 2		oromo	tor	NA	
	WALKING_DOWNSTAIRS itude SD NA 46			.cy 2 :74652		-erome	erer	NA	
12	WALKING DOWNSTAIRS			Gyros		NΑ	NA	Mean	x
46	-0.178856167345652	1104	1411	CITOD	оорс	1421	1111	iicaii	
12	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
46	-0.420631474130435	-		-	-				
12	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
46	-0.212767364326087								
12	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	X
46	-0.4223632375			_					
12	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
46	-0.518923134565217	T	373	<b>G</b>		177	37.7	an	
12 46	WALKING_DOWNSTAIRS -0.448512990434783	Freq	NA	Gyros	cope	NA	NA	SD	Z
12	WALKING DOWNSTAIRS	Freq	NΙΔ	Gyros	cone	NΙΔ	Magni	+11de	Mean
NA	46 <b>-0.</b> 344938419969	_	1471	GY LOD	сорс	1471	nagin	cuuc	ricuii
12	WALKING DOWNSTAIRS		NA	Gyros	cope	NA	Magni	tude	SD
NA	46 -0.423553971956			4	-		,		
12	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	Jerk	Magni	tude	Mean
NA	46 -0.458227490826	5087							
12	WALKING_DOWNSTAIRS	_	NA	Gyros	cope	Jerk	Magni	tude	SD
NA	46 -0.486780424347		_	_					
12	WALKING_DOWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
X 12	46 0.0235049348717		Doder	70001	02020	+02	NT 70	NT 70	Moon
12 Y	WALKING_DOWNSTAIRS 46 0.1505100011565	_	воау	Accel	erome	eter	NA	NA	Mean
12	WALKING DOWNSTAIRS		Body	Accel	erome	ter	NA	NA	Mean
Z	46 <b>-0.</b> 402121221521	_	Luay	-10001	Omc		-1-1	-1-1	
12	WALKING DOWNSTAIRS		Body	Accel	erome	eter	NA	NA	SD
X	46 0.0483347068913	_	-						
12	WALKING_DOWNSTAIRS	Freq	Body	Accel	erome	eter	NA	NA	SD
Y	46 0.0167495101739	913							

12	WALKING DOWNSTAIRS	Frea	Body	Accelerome	eter	NA	NA	SD
Z	46 -0.487390126739	_	Boay	710001010III	2001	1111	1111	OD.
12	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
Mean	NA 46 0.14801726	69434	783					
12	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
SD	NA 46 -0.1051249							
12	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	NA	Mean
X	46 -0.007014722717					<b>-</b> 1		3.5
12	WALKING_DOWNSTAIRS	_	воау	Accelerome	eter	Jerk	NA	Mean
Y 12	46 0.0063940688869		Dodre	Aggolorom	2+02	Jerk	NT 70	Moon
Z	WALKING_DOWNSTAIRS 46 -0.451614324565	_	ьоцу	Accelerome	ecer	nerk	IVA	Mean
12	WALKING DOWNSTAIRS		Body	Accelerome	ster	Jerk	NΔ	SD
X	46 <b>-0.</b> 072311431676	_	Dody	7100010110		OCIK	1421	DD
12	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y	46 0.0515123126413	_				0 0 2 11		
12	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	46 -0.544461425869	_	-					
12	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude
Mean	NA 46 0.07699683	373						
12	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	Magn	itude
SD	NA 46 0.04206312	251108	8696					
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
52	-0.0931234101769231							
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
52	-0.0411314519307692	<b></b> .		a				_
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
52 12	0.0898022757730769	Time	NT 7N	Curoggono	NT 7N	NT 7N	SD	v
52	WALKING_UPSTAIRS -0.526659296134615	TIME	NA	Gyroscope	IVA	NA	עפ	X
12	WALKING UPSTAIRS	Time	NΑ	Gyroscope	NΑ	NA	SD	Y
52	-0.522949798269231	111110	1421	суговсорс	1421	1471	OD.	-
12	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
52	-0.349614606153846			2 1				
12	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	52 -0.316561585963	1538				_		
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	52 -0.525686949063	3462						
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
52	-0.0455638872076923							
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
52	-0.0335406569057692			_	_			
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
52	-0.0653167291865385	m	37.7	G	T 1	377	ar.	37
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
52 12	-0.549999188461539	пima	NT 7N	Curocassa	Torle	NT 7N	GD.	v
12	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y

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52
     -0.761195612692308
12
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                \mathbf{Z}
     -0.606412096538462
52
12
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
          -0.674972132307692
NA
     52
12
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.713406712307692
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Х
          0.272970338653846
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
     52
          -0.0263574903403846
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
\mathbf{Z}
     52
          -0.107339730115385
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
          -0.290149192307692
Х
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Y
          -0.103818259823077
     WALKING UPSTAIRS
12
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Z
          -0.436697425576923
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
                -0.229183927115385
Mean NA
           52
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
SD
                -0.285844036153846
     NA
          52
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
          0.0728660813846154
Х
     52
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
Y
          -0.00689494886730769
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
          0.00906662793461539
Z
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
X
          -0.359856972115385
     52
12
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.311328991057692
                          Time Body Accelerometer
12
     WALKING UPSTAIRS
                                                     Jerk NA
                                                                SD
\mathbf{z}
          -0.719336352692308
12
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk Magnitude
                -0.432469300961538
Mean NA
          52
                          Time Body Accelerometer
12
     WALKING UPSTAIRS
                                                     Jerk Magnitude
SD
          52
                -0.329827968269231
12
                          Time Gravity
                                          Accelerometer
                                                               NA
     WALKING UPSTAIRS
                                                          NA
                0.938371473269231
Mean X
          52
12
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
                -0.259144202692308
Mean Y
          52
12
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                          NA
                                                                NA
Mean Z
          52
                -0.0702503820961538
                                          Accelerometer
12
     WALKING UPSTAIRS
                          Time Gravity
                                                          NA
                                                                NA
                -0.960246289807692
SD
          52
     Х
```

12	WALKING_UPSTAIRS			ty <i>i</i>	Accel	.erome	eter	NA	NA
SD 12	Y 52 -0.9413783 WALKING UPSTAIRS			+ 37 7	\ccol	.erome	tor	NA	NA
SD	Z 52 -0.9380711			cy z	rccer	.erome	CEI	IVA	NA
12	WALKING UPSTAIRS	Time G		ty <i>I</i>	Accel	erome	eter	NA	
Magn	itude Mean NA 52			_					
12	WALKING_UPSTAIRS	Time G	ravi	ty Z	Accel	erome	eter	NA	
Magn	itude SD NA 52	-0.285	8440	361538	346				
12	WALKING_UPSTAIRS	Freq N	A (	Gyros	cope	NA	NA	Mean	X
52	-0.426360331538462								
12	WALKING_UPSTAIRS	Freq N	A (	Gyros	cope	NA	NA	Mean	Y
52	-0.604711316153846								
12	WALKING_UPSTAIRS	Freq N	Α (	Gyros	cope	NA	NA	Mean	Z
52	-0.406080936346154			~				<b>a</b> 5	
12	WALKING_UPSTAIRS	Freq N	Α (	Gyros	cope	NA	NA	SD	X
52	-0.5604629635	D N	. 70	<b>G</b>		37.7	37.7	a D	77
12	WALKING_UPSTAIRS	Freq N	A (	Gyros	cope	NA	NA	SD	Y
52	-0.483918390576923	Eroc N	170	Crrnog	2000	NT 70	NT 70	CD	Z
12 52	WALKING_UPSTAIRS -0.396095719423077	Freq N	A	Gyros	cope	NA	NA	SD	Z
12	WALKING UPSTAIRS	Freq N	17\ (	Gyros	anna	NΤΛ	Magni	+1140	Moan
NA	52 <b>-0.</b> 594032515192	_	'A	GYLOS	cope	IVA	Magiii	cude	Mean
12	WALKING UPSTAIRS		[Δ]	Gyros	rone	NΔ	Magni	tude	SD
NA	52 <b>-0.</b> 564435086711	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Gyrob.	орс	1121	magni	cuuc	DD .
12	WALKING UPSTAIRS		ia (	Gyros	cope	Jerk	Magni	tude	Mean
NA	52 -0.714332592115	_		_1			5		
12	WALKING UPSTAIRS	Freq N	A (	Gyros	cope	Jerk	Magni	tude	SD
NA	52 -0.733130764423	_		1	-		,		
12	WALKING UPSTAIRS		ody	Accele	erome	ter	NA	NA	Mean
X	52 -0.321447925192	_	_						
12	WALKING_UPSTAIRS	Freq B	ody i	Accel	erome	ter	NA	NA	Mean
Y	52 -0.168341519859	9615							
12	WALKING_UPSTAIRS	Freq B	ody i	Accel	erome	ter	NA	NA	Mean
$\mathbf{Z}$	52 -0.560841212692	2308							
12	WALKING_UPSTAIRS	Freq B	ody i	Accele	erome	ter	NA	NA	SD
X	52 -0.278929748076	5923							
12	WALKING_UPSTAIRS	Freq B	ody	Accele	erome	ter	NA	NA	SD
Y	52 -0.130175559028								
12	WALKING_UPSTAIRS	_	ody i	Accel	erome	ter	NA	NA	SD
Z	52 -0.418599992115		_	_				_	_
12	WALKING_UPSTAIRS	_	_	Accel	erome	ter	NA	Magni	Ltude
Mean									
12	WALKING_UPSTAIRS	_	_	Accele	erome	ter	NA	Magni	tude
SD	NA 52 -0.3952851			7~~~7		<b>. . . .</b> .	To 1-	NT 70	Maan
12	WALKING_UPSTAIRS	_	oay 1	ACCET	erome	ter	Jerk	NA	Mean
X 12	52 -0.385843754230 WALKING UPSTAIRS		00477	70001	aromo	tor	Jerk	NΤΛ	Mean
12	MYTUTING_OLDINIVO	Freq B	ouy 1	VCC6T6	=T OIII6	CET	OETY	INT	rican

37	F2 0 2220	7750006	1 5 2 0							
Y 12	52 -0.3330 WALKING UPST			Podu	7000	loroma	otor	Tork	NT 7N	Mean
Z	<b>—</b>	29868653	_	ьоцу	ACCE.	rerome	scer	DELY	IVA	Mean
12	WALKING UPST			Body	Acce	lerome	eter	Jerk	NΑ	SD
X	52 <b>-0.</b> 3906		rrcq	Боау	HCCC.	LCLOIM	CCI	OCIK	1421	DD
12	WALKING UPST		Frea	Body	Acce	lerome	eter	Jerk	NΑ	SD
Y	_	26381307	_	Doug	11000	2020111	3001	00111	-11-1	22
12	WALKING_UPST			Body	Acce	lerome	eter	Jerk	NA	SD
Z		14855961		_						
12	WALKING UPST	'AIRS	Freq	Body	Acce	lerome	eter	Jerk	Magn	itude
Mean	NA 52 -0	.3208844	4625							
12	WALKING_UPST	'AIRS	Freq	Body	Acce	lerome	eter	Jerk	Magn	itude
SD	NA 52 <b>-</b> 0	.3465653	141730	0769						
13	LAYING Ti	me NA	Gyros	scope	NA	NA	Mean	X		
62	-0.009736099									
13	LAYING Ti		Gyros	scope	NA	NA	Mean	Y		
62	-0.096625070									
13		me NA	Gyros	scope	NA	NA	Mean	Z	62	
	7819614790323									
13		me NA	Gyros	scope	NA	NA	SD	X		
62	-0.972143470		_							
13	LAYING Ti	me NA	Gyros	scope	NA	NA	SD	Y		
62	-0.96270462		_					_		
13		me NA	Gyros	scope	NA	NA	SD	Z		
62	-0.967350513		<b>a</b>							
13		me NA	Gyros	scope	NA	Magn	Ltude	Mean	NA	
62	-0.944303111		<b>G</b>		377	M =	٠ ـ ـ ـ ـ ـ	an.	177	
13		me NA	Gyros	scope	NA	Magn	itude	SD	NA	
62	-0.944687480		C		Tomle	377	Moon	37		
13	LAYING Ti -0.101835573	me NA	Gyros	scope	Jerk	NA	Mean	Х		
62 13			C	aana	Tords	NT 7N	Moon	37		
62	-0.041774400	me NA	GYLOS	scope	perk	NA	Mean	ĭ		
13		me NA	Curo	aana	Tork	NT 7N	Moan	7		
62	-0.064877041		Gyros	scope	nerv	IVA	Mean	7		
13		me NA	Gyros	scope	Tork	NΤΛ	SD	X		
62	-0.981404742		Gyros	scope	OGIK	IVA	שט	Λ		
13		me NA	Gyros	scope	Jork	NΔ	SD	Y		
62	-0.978854747		GY10.	соре	DELY	INT	מט	1		
13		me NA	Gyros	scope	Jerk	NΔ	SD	Z		
62	-0.989801549		GY10.	соре	DELY	INT	מט	7		
13		me NA	Gyros	scope	Jerk	Magn:	abrr+i	Mean	NΔ	
62	-0.985446264		dyro.	зсорс	OCIK	nagiii	Lcuuc	ricuii	1471	
13		me NA	Gyros	scope	Jerk	Magn	i tude	SD	NA	
62	-0.975113305		Cy 1 Os	oope	OCLIV	114911	Luad	22	1111	
13		me Body	Acce	lerome	eter	NA	NA	Mean	X	62
	6716360483871	_	11000			-1-1	-1-1	110411		~ <u>~</u>
5.27		•								

1
1
LAYING
13
13 LAYING Time Body Accelerometer NA NA SD Y 62 -0.950947949516129 13 LAYING Time Body Accelerometer NA NA SD Z 62 -0.950392995483871 13 LAYING Time Body Accelerometer NA Magnitude Mean NA 62 -0.960517768225806 13 LAYING Time Body Accelerometer NA Magnitude SD NA 62 -0.947944746612903 13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 64 -0.980152342903226 15 LAYING Time Body Accelerometer Jerk NA SD Z 65 -0.983070657419355 16 LAYING Time Body Accelerometer Jerk NA SD Z 18 LAYING Time Body Accelerometer Jerk NA SD Z 18 LAYING Time Body Accelerometer Jerk NA SD Z 18 LAYING Time Body Accelerometer Jerk NA SD Z 19 LAYING Time Body Accelerometer Jerk NA SD Z 10 LAYING Time Body Accelerometer Jerk NA SD Z 10 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 10 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 10 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 10 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer NA NA SD Z 62 -0.950392995483871 13 LAYING Time Body Accelerometer NA Magnitude Mean NA 62 -0.960517768225806 13 LAYING Time Body Accelerometer NA Magnitude SD NA 62 -0.947944746612903 13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
62
13 LAYING Time Body Accelerometer NA Magnitude Mean NA 62 -0.960517768225806 13 LAYING Time Body Accelerometer NA Magnitude SD NA 62 -0.947944746612903 13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.998541995 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968
62
13 LAYING Time Body Accelerometer NA Magnitude SD NA 62 -0.947944746612903 13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968
13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk NA Mean X 62 0.0767774832096774 13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968
13 LAYING Time Body Accelerometer Jerk NA Mean Y 62 0.0183441894580645 13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774 13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA
0.0183441894580645  13 LAYING Time Body Accelerometer Jerk NA Mean Z 62 -0.00988389709596774  13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995  13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226  13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355  13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.985467853870968  13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968  13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
LAYING Time Body Accelerometer Jerk NA Mean Z  -0.00988389709596774  LAYING Time Body Accelerometer Jerk NA SD X  -0.98541995  LAYING Time Body Accelerometer Jerk NA SD Y  -0.980152342903226  LAYING Time Body Accelerometer Jerk NA SD Z  -0.983070657419355  LAYING Time Body Accelerometer Jerk NA SD Z  -0.985467853870968  LAYING Time Body Accelerometer Jerk Magnitude Mean NA  LAYING Time Body Accelerometer Jerk Magnitude SD NA
-0.00988389709596774  13 LAYING Time Body Accelerometer Jerk NA SD X  62 -0.98541995  13 LAYING Time Body Accelerometer Jerk NA SD Y  62 -0.980152342903226  13 LAYING Time Body Accelerometer Jerk NA SD Z  62 -0.983070657419355  13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA  62 -0.985467853870968  13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk NA SD X 62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
62 -0.98541995 13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk NA SD Y 62 -0.980152342903226 13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk NA SD Z 62 -0.983070657419355 13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
-0.983070657419355  13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968  13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk Magnitude Mean NA 62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
62 -0.985467853870968 13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
13 LAYING Time Body Accelerometer Jerk Magnitude SD NA
1
62 -0.980066243387097
13 LAYING Time Gravity Accelerometer NA NA Mean X
62 -0.156852206467742
13 LAYING Time Gravity Accelerometer NA NA Mean Y
62 0.656400944354839
13 LAYING Time Gravity Accelerometer NA NA Mean Z 62 0.598884988709677
13 LAYING Time Gravity Accelerometer NA NA SD X
62 -0.957875244677419
13 LAYING Time Gravity Accelerometer NA NA SD Y
62 -0.975948136290323
13 LAYING Time Gravity Accelerometer NA NA SD Z
62 -0.959892863709677
13 LAYING Time Gravity Accelerometer NA Magnitude Mean NA 62 -0.960517768225806
13 LAYING Time Gravity Accelerometer NA Magnitude SD
NA 62 -0.947944746612903
13 LAYING Freq NA Gyroscope NA NA Mean X

```
62
     -0.96946349
13
     LAYING
               Freq NA
                          Gyroscope NA
                                               Mean Y
                                          NA
     -0.968689729193548
62
13
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
62
     -0.969126880322581
13
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
62
     -0.973446792419355
13
     LAYING
                          Gyroscope NA
                                               SD
                                                     Υ
               Freq NA
                                          NA
62
     -0.959944126451613
13
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
               Freq NA
62
     -0.969797214516129
13
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
62
     -0.957681621290323
                          Gyroscope NA
13
     LAYING
               Freq NA
                                          Magnitude SD
                                                          NA
     -0.946133432096774
62
13
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
62
     -0.978150814032258
13
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
62
     -0.972798632258065
13
                                                     Mean X
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
62
     -0.974716920483871
13
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
62
     -0.965843757258064
13
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
62
     -0.966295582741935
13
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
62
     -0.966960088387097
13
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
     -0.947462328225806
62
13
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          \mathbf{Z}
62
     -0.945852135806452
                                               Magnitude Mean NA
13
               Freq Body Accelerometer
     LAYING
                                          NA
62
     -0.959535493548387
               Freq Body Accelerometer
13
     LAYING
                                          NA
                                               Magnitude SD
                                                               NA
62
     -0.949431319193548
13
               Freq Body Accelerometer
                                          Jerk NA
     LAYING
                                                     Mean X
62
     -0.985199684354839
13
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
62
     -0.980375137419355
13
               Freq Body Accelerometer
                                                     Mean Z
     LAYING
                                          Jerk NA
62
     -0.980994601935484
13
     LAYING
               Freq Body Accelerometer
                                                     SD
                                                          Х
                                          Jerk NA
62
     -0.98707817516129
13
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     SD
                                                          Υ
62
     -0.981394261612903
13
               Freq Body Accelerometer
                                                          Z
     LAYING
                                          Jerk NA
                                                     SD
     -0.983670049354839
62
```

```
Freq Body Accelerometer
13
     LAYING
                                          Jerk Magnitude Mean NA
     -0.980754385967742
62
                                          Jerk Magnitude SD
13
               Freq Body Accelerometer
     LAYING
                                                               NA
62
     -0.978044349516129
13
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
49
     -0.0355124856836735
13
     SITTING
                          Gyroscope NA
                                               Mean Y
               Time NA
                                          NA
49
     -0.0902687401836735
13
                          Gyroscope NA
                                               Mean Z
                                                          49
     SITTING
               Time NA
                                          NA
0.0823432026610204
13
                          Gyroscope NA
                                                     Х
     SITTING
               Time NA
                                          NA
                                               SD
49
     -0.985844263265306
13
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
49
     -0.979668456122449
                                                     Z
13
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
49
     -0.966896414285714
13
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
     SITTING
49
     -0.951142644081633
13
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
49
     -0.963940591428571
13
     SITTING
                          Gyroscope Jerk NA
               Time NA
                                               Mean X
49
     -0.095919848877551
13
                          Gyroscope Jerk NA
     SITTING
               Time NA
                                               Mean Y
49
     -0.041036688077551
13
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
49
     -0.0466121595938776
13
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
49
     -0.991371016938775
13
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
49
     -0.991773350204082
13
                          Gyroscope Jerk NA
                                                     Z
     SITTING
               Time NA
                                               SD
49
     -0.989861382040816
13
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
49
     -0.992604304489796
13
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
49
     -0.991414934897959
               Time Body Accelerometer
13
     SITTING
                                          NA
                                               NA
                                                     Mean X
                                                               49
0.274328499591837
13
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
49
     -0.00587732936326531
13
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
49
     -0.0972465110836735
               Time Body Accelerometer
13
     SITTING
                                               NA
                                                     SD
                                                          Х
                                          NA
49
     -0.989546275306122
13
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
     -0.938967741632653
49
13
               Time Body Accelerometer
                                                     SD
                                                          Z
     SITTING
                                          NA
                                               NA
```

```
49
     -0.938641215510204
13
     SITTING
                Time Body Accelerometer
                                          NA
                                               Magnitude Mean NA
     -0.957690563673469
49
13
     SITTING
                Time Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
49
     -0.937935738571429
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                               49
                                                     Mean X
0.0752865881142857
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Y
49
     -0.00112344092891837
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
49
     -0.0232397245106122
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
49
     -0.992827264081633
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
49
     -0.984267557755102
13
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
49
     -0.987612090204082
     SITTING
13
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
49
     -0.989497838979592
                Time Body Accelerometer
13
     SITTING
                                          Jerk Magnitude SD
                                                               NA
49
     -0.988813098163265
13
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
49
     0.92557651244898
                Time Gravity
13
     SITTING
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
49
     0.101769752489796
13
                Time Gravity
     SITTING
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Z
49
     0.0757773858163265
13
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Х
     -0.981379112653061
49
13
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Y
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13
               Time Gravity
     SITTING
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Z
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     -0.930979556938776
                Time Gravity
13
     SITTING
                               Accelerometer
                                               NA
                                                     Magnitude Mean
          -0.957690563673469
NA
     49
13
                Time Gravity
                                                     Magnitude SD
     SITTING
                               Accelerometer
                                               NA
     49
          -0.937935738571429
NA
13
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
49
     -0.983218202857143
13
                          Gyroscope NA
                                               Mean Y
     SITTING
               Freq NA
                                          NA
49
     -0.982456053877551
13
     SITTING
               Freq NA
                          Gyroscope NA
                                               Mean Z
                                          NA
49
     -0.968384415510204
13
     SITTING
                          Gyroscope NA
               Freq NA
                                          NA
                                               SD
                                                     X
49
     -0.986714694081633
     SITTING
13
                          Gyroscope NA
                                                     Y
               Freq NA
                                          NA
                                               SD
     -0.97827070877551
49
```

```
Freq NA
                                               SD
                                                     \mathbf{z}
13
     SITTING
                          Gyroscope NA
                                          NA
49
     -0.969451754693878
13
                          Gyroscope NA
                                          Magnitude Mean NA
     SITTING
               Freq NA
49
     -0.973258277755102
13
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
49
     -0.96426809755102
13
     SITTING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
49
     -0.991723741632653
13
                          Gyroscope Jerk Magnitude SD
     SITTING
                                                          NA
               Freq NA
49
     -0.991219445918367
               Freq Body Accelerometer
13
                                               NA
                                                     Mean X
     SITTING
                                          NA
49
     -0.990135477755102
13
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
     -0.959673916122449
49
13
               Freq Body Accelerometer
                                               NA
                                                     Mean Z
     SITTING
                                          NA
49
     -0.956183063510204
13
     SITTING
               Freq Body Accelerometer
                                               NA
                                                     SD
                                                          Х
                                          NA
49
     -0.989410582653061
13
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
49
     -0.933666502510204
13
                                                          Z
     SITTING
               Freq Body Accelerometer
                                               NA
                                                     SD
                                          NA
49
     -0.934189007346939
13
               Freq Body Accelerometer
                                               Magnitude Mean NA
     SITTING
                                          NA
49
     -0.956901559653061
13
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
49
     -0.938529931020408
13
               Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                     Mean X
49
     -0.992678212653061
13
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
49
     -0.983914101836735
13
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                     Mean Z
49
     -0.985261204693878
13
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
49
     -0.99368217
13
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
49
     -0.985908120408163
13
               Freq Body Accelerometer
                                                     SD
                                                          Z
     SITTING
                                          Jerk NA
49
     -0.988612100204082
13
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
49
     -0.988348535306122
13
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
49
     -0.988332303469388
13
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
57
     -0.0295492164431579
13
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
57
     -0.0753205243684211
13
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          57
```

0.08	5471246877193							
13	STANDING Time NA	Gyroscope	NA	NA	SD	X		
57	-0.955577395789474							
13	STANDING Time NA	Gyroscope	NA	NA	SD	Y		
57	-0.971721755964912							
13	STANDING Time NA	Gyroscope	NA	NA	SD	Z		
57	-0.973436596140351							
13	STANDING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
57	-0.95782537245614	~			• . •	~-		
13	STANDING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
57	-0.944980198421053	C	Totale	377	Moon	37		
13 57	STANDING Time NA -0.098119998666667	Gyroscope	Jerk	NA	Mean	Х		
13	STANDING Time NA	Curoccopo	Tork	NT 7\	Mean	v		
57	-0.0412872577807018	Gyroscope	Derk	INA	Mean	1		
13	STANDING Time NA	Gyroscope	Jerk	NΙΔ	Mean	7.		
57	-0.053926078122807	дуговсоре	DELK	1177	Mean	7		
13	STANDING Time NA	Gyroscope	Jerk	NΑ	SD	X		
57	-0.978465124561404	сугорооро	00111	-11-1	22			
13	STANDING Time NA	Gyroscope	Jerk	NA	SD	Y		
57	-0.980982661403509	1 1						
13	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
57	-0.985177042982456							
13	STANDING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
57	-0.983637634912281							
13	STANDING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
57	-0.976197659649123							
13		Accelerome	eter	NA	NA	Mean	X	57
	7758431052632							
13	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
57	-0.0167891993964912	_					_	
13	STANDING Time Body	Accelerome	eter	NA	NA	Mean	Z	
57	-0.112124137754386	3 1		377	377	an	37	
13	_	Accelerome	eter	NA	NA	SD	X	
57 13	-0.991020759298246 STANDING Time Body	Aggolorom	otor	NA	NA	SD	Y	
57	-0.949422439473684	Accelerome	erer	INA	IVA	עפ	1	
13		Accelerome	ater	NA	NA	SD	Z	
57	-0.967538031754386	ACCCICION	CCI	1421	1471	DD	4	
13		Accelerome	eter	NA	Magn	itude	Mean	NA
57	-0.971564243157895	1100010101	3001	-11-1	114911	20440	man	1411
13		Accelerome	eter	NA	Magn	itude	SD	NA
57	-0.968519673859649				,			
13		Accelerome	eter	Jerk	NA	Mean	X	57
0.07	58630962280702							
13	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	Y	57
0.00	762035230350877							

```
STANDING Time Body Accelerometer
13
                                          Jerk NA
                                                    Mean Z
57
     -0.000704979340543859
     STANDING Time Body Accelerometer
13
                                          Jerk NA
                                                    SD
                                                         Χ
57
     -0.987636104210526
               Time Body Accelerometer
13
     STANDING
                                          Jerk NA
                                                    SD
                                                          Y
57
     -0.977704172105263
13
     STANDING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
57
     -0.986926242631579
13
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     STANDING
57
     -0.98680002754386
13
               Time Body Accelerometer
                                          Jerk Magnitude SD
     STANDING
                                                               NA
57
     -0.981865616666667
13
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean X
57
     0.942695296842105
13
               Time Gravity
                               Accelerometer
                                                    NA
                                                         Mean Y
     STANDING
                                               NA
57
     -0.239943146315789
13
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Z
57
     -0.0524856614035088
13
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               Х
57
     -0.992232401754386
13
     STANDING
                                                          SD
                                                               Y
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
57
     -0.974681225789474
13
               Time Gravity
                               Accelerometer
                                                          SD
                                                               \mathbf{Z}
     STANDING
                                               NA
                                                    NA
57
     -0.976827157368421
13
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
          -0.971564243157895
NA
     57
13
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
     57
          -0.968519673859649
13
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
57
     -0.957154108421053
13
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
57
     -0.97291308
13
     STANDING
                          Gyroscope NA
                                               Mean Z
              Freq NA
                                          NA
57
     -0.974394378070175
13
                          Gyroscope NA
                                               SD
                                                    Х
     STANDING Freq NA
                                          NA
57
     -0.955818411578947
                          Gyroscope NA
13
     STANDING Freq NA
                                          NA
                                               SD
                                                    Υ
57
     -0.97142515122807
13
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Z
57
     -0.97553326754386
13
                          Gyroscope NA
     STANDING Freq NA
                                          Magnitude Mean NA
57
     -0.957488799473684
               Freq NA
13
     STANDING
                          Gyroscope NA
                                          Magnitude SD
                                                         NA
57
     -0.946857485438596
13
     STANDING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
57
     -0.977197403859649
13
                          Gyroscope Jerk Magnitude SD
     STANDING Freq NA
                                                          NA
```

```
57
     -0.976467330175439
13
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean X
                                          NA
57
     -0.989425965614035
13
     STANDING Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
57
     -0.959427618245614
13
     STANDING Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
57
     -0.97756730122807
13
     STANDING Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                         Х
57
     -0.991817705263158
13
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Y
                                          NA
                                               NA
57
     -0.947179813157895
13
     STANDING Freq Body Accelerometer
                                               NΑ
                                                    SD
                                                         \mathbf{z}
                                          NA
57
     -0.964048080877193
13
     STANDING Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
57
     -0.972393559473684
13
     STANDING Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
57
     -0.970445378947368
13
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
57
     -0.988198276666667
     STANDING Freq Body Accelerometer
13
                                          Jerk NA
                                                    Mean Y
57
     -0.977752775438597
13
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
57
     -0.98460855877193
     STANDING Freq Body Accelerometer
13
                                          Jerk NA
                                                    SD
                                                         Х
57
     -0.988185112807018
13
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Υ
57
     -0.979412252631579
13
     STANDING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Z
57
     -0.987871530526316
     STANDING Freq Body Accelerometer
13
                                          Jerk Magnitude Mean NA
57
     -0.981977536491228
13
                                          Jerk Magnitude SD
     STANDING Freq Body Accelerometer
                                                               NA
57
     -0.980621262631579
13
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
57
     -0.0174207634701754
13
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
57
     -0.0798472502663158
13
     WALKING
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                         57
                                          NA
0.0784205641252632
13
               Time NA
                          Gyroscope NA
                                                    Х
     WALKING
                                          NA
                                               SD
57
     -0.376059914210526
13
     WALKING
               Time NA
                          Gyroscope NA
                                                    Y
                                          NA
                                               SD
57
     -0.290023550315789
13
     WATKING
                          Gyroscope NA
                                               SD
                                                    7.
               Time NA
                                          NA
57
     -0.363369948070175
13
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
57
     -0.218669558421053
```

13	WALKING			Gyroscope	NA	Magni	itude	SD	NA	
57 13	-0.253240 WALKING			Gyroscope	Tork	NT 7N	Moon	v		
57	-0.096659			Gyroscope	nerk	IVA	Mean	Λ		
13	WALKING			Gyroscope	Jerk	NA	Mean	Υ		
57	-0.031984			c/reseepe	00111	-11-1	110411	-		
13	WALKING			Gyroscope	Jerk	NA	Mean	Z		
57	-0.063669			1 1						
13	WALKING	Time	NA	Gyroscope	Jerk	NA	SD	X		
57	-0.216812	065298	3246							
13	WALKING	Time	NA	Gyroscope	Jerk	NA	SD	Y		
57	-0.357760	899771	193							
13	WALKING	Time	NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
57	-0.341765	824491	1228							
13	WALKING	Time	NA	Gyroscope	Jerk	Magni	itude	Mean	NA	
57	-0.303508	210175	5439							
13	WALKING			Gyroscope	Jerk	Magni	itude	SD	NA	
57	-0.322118									
13	WALKING		Body	Accelerome	eter	NA	NA	Mean	X	57
	5883130350									
13			_	Accelerome	eter	NA	NA	Mean	Y	
57	-0.018566									
13	WALKING		_	Accelerome	eter	NA	NA	Mean	Z	
57	-0.111431									
13			_	Accelerome	eter	NA	NA	SD	X	
57	-0.346980			_						
13	WALKING		Body	Accelerome	eter	NA	NA	SD	Y	57
	1866689392		_	_						
13	WALKING		_	Accelerome	eter	NA	NA	SD	Z	
57	-0.220503			_						
13			_	Accelerome	eter	NA	Magni	itude	Mean	NA
57	-0.135643								~-	
13			_	Accelerome	eter	NA	Magni	Ltude	SD	NA
57	-0.292546					_ ,				
13	WALKING		Воду	Accelerome	eter	Jerk	NA	Mean	Х	57
	0959022719		<b>-</b> 1			- 1				
13	WALKING		воау	Accelerome	eter	Jerk	NA	Mean	Y	57
	3083645014		D1	7 7		T1-	377	M	п	<b>-</b> 7
13	WALKING		воау	Accelerome	eter	Jerk	NA	Mean	Z	57
	5972490117		D1	7 7		T1-	377	an.	37	
13	WALKING		_	Accelerome	eter	Jerk	NA	SD	X	
57	-0.220910			7 ~ ~ ~ 1 ~ ~ ~ ~ ~	+	Tomle	3.7.73	CD	37	E 7
13	WALKING		воау	Accelerome	eter	Jerk	NA	SD	Y	57
	6548877172.		Dod.	Nago loroma	x+0~	Towle	NT 7N	CD	7	
13	WALKING		_	Accelerome	ecer	Jerk	NA	SD	Z	
57 12	-0.374633			Aggo <sup>1</sup> oroma	)+or	Torle	Magra	+1140	Moan	N7
13	WALKING	ттие	ьоцу	Accelerome	- CET	OGIK	mayıı	Luue	meall	1417

```
57
     -0.133205034736842
13
                Time Body Accelerometer Jerk Magnitude SD
                                                                NΑ
     WALKING
57
     -0.131788528797719
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean X
57
     0.910855709298246
13
                Time Gravity
                                Accelerometer
                                                           Mean Y
     WALKING
                                                NA
                                                     NA
57
     -0.283658580877193
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Z
57
     -0.131299718666667
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
57
     -0.97254492245614
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
57
     -0.960899845614035
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Z
57
     -0.948637587719298
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.135643867842105
NA
     57
13
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     57
          -0.292546377017544
13
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean X
57
     -0.192856474047368
13
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Y
57
     -0.256213554508772
13
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Z
57
     -0.276607954736842
13
                                                     Х
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
57
     -0.435714710526316
                          Gyroscope NA
13
     WALKING
                Freq NA
                                           NA
                                                SD
                                                     Y
57
     -0.318618506122807
                                                     \mathbf{Z}
13
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
57
     -0.455333900526316
13
                                           Magnitude Mean NA
     WALKING
                Freq NA
                          Gyroscope NA
57
     -0.267472373877193
13
     WALKING
                Freq NA
                          Gyroscope NA
                                           Magnitude SD
                                                           NA
57
     -0.379951835438597
13
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
                Freq NA
57
     -0.338527133789474
13
     WALKING
                          Gyroscope Jerk Magnitude SD
                                                           NA
                Freq NA
57
     -0.349285611070175
13
                Freq Body Accelerometer
                                                NA
     WALKING
                                           NA
                                                     Mean X
57
     -0.335030121052632
13
                Freq Body Accelerometer
                                                     Mean Y
                                                                57
     WALKING
                                           NA
                                                NA
0.0955150666694737
13
                Freq Body Accelerometer
     WALKING
                                           NA
                                                NA
                                                     Mean 7
57
     -0.246851507561404
13
                Freq Body Accelerometer
                                                     SD
                                                           Х
     WALKING
                                           NA
                                                NA
57
     -0.353299848947368
```

13	WALKING 2196893105	_	Body	Accel	Lerome	eter	NA	NA	SD	Y	57
13	WALKING	Freq		Accel	Lerome	eter	NA	NA	SD	Z	
57 13	-0.269896 WALKING	Freq	Body	Accel	Lerome	eter	NA	Magn	itude	Mean	NA
57 13	-0.234600 WALKING	Freq	Body	Accel	Lerome	eter	NA	Magn	Ltude	SD	NA
57 13	-0.438388 WALKING	Freq	Body	Acce]	Lerome	eter	Jerk	NA	Mean	X	
57 13	-0.290460 WALKING	Freq	Body	Accel	Lerome	eter	Jerk	NA	Mean	Y	
57 13	-0.043919 WALKING			Accel	Lerome	eter	Jerk	NA	Mean	Z	
57 13	-0.342263 WALKING			Acce]	Lerome	eter	Jerk	NA	SD	X	
57 13	-0.219716 WALKING			Accel	Lerome	eter	Jerk	NA	SD	Y	57
	4674159691		_	_			_				
13 57	WALKING -0.406173	_	_	Accel	Lerome	eter	Jerk	NA	SD	Z	
13	WALKING			Acce]	Lerome	eter	Jerk	Magn	itude	Mean	NA
57	-0.152111	_	_					,			
13	WALKING	_	_	Acce]	Lerome	eter	Jerk	Magn	itude	SD	NA
57	-0.113591					~					
13 47	WALKING_D			Time	NA	Gyros	scope	NA	NA	Mean	Х
13	WALKING D			Time	NΑ	Gyros	scone	NΔ	NA	Mean	v
47	-0.023720			11110	1411	Cyron	оорс	1111	1111	iicaii	-
13	WALKING D			Time	NA	Gyros	cope	NA	NA	Mean	Z
47	0.1112842	396559	957			_	_				
13	WALKING_D			Time	NA	Gyros	cope	NA	NA	SD	X
47	-0.417014			_							
13	WALKING_D			Time	NA	Gyros	cope	NA	NA	SD	Y
47 13	-0.198848 WALKING D			піто	NT 70	Crrros	scope	NT 70	<b>NT 7</b> 0	CD	7
13 47	-0.322774			Time	NA	GYLOS	scope	NA	NA	SD	Z
13	WALKING D			Time	NA	Gyros	scope	NA	Magni	itude	Mean
NA	_	021144				0,101	ogpo	-11-1	1109111	Loudo	man
13	WALKING D			Time	NA	Gyros	scope	NA	Magni	itude	SD
NA	47 -0.2	367626	31468	085		_	_		_		
13	WALKING_D			Time	NA	Gyros	cope	Jerk	NA	Mean	X
47	-0.064719			_							
13	WALKING_D			Time	NA	Gyros	cope	Jerk	NA	Mean	Y
47	-0.066941			m <b>:</b>	<b>NT</b> 7	C		To sale	NT 74	Mos=	77
13 47	WALKING_D		TK2	Time	NA	Gyros	scope	Jerk	ΝA	Mean	Z
13	WALKING D		AIRS	Time	NA	Gyros	scone	Jerk	NA	SD	Х
		I			-1-1	01 - 01	- Jope	COLIN	-1-1	~ ~	

```
47
     -0.463736674255319
13
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Y
47
     -0.259163248340426
13
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Z
47
     -0.367089485595745
                                     Gyroscope Jerk Magnitude Mean
13
     WALKING DOWNSTAIRS
                          Time NA
NA
          -0.323552439276596
13
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
          -0.27649151037234
NA
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Х
     47
          0.294907553404255
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
          -0.0143723839108511
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.101993941531915
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Х
          -0.0681563626617021
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          -0.03212524665
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
          -0.158333146191489
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
Mean NA
          47
                -0.0294634299553191
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
                -0.0156098198829787
SD
     NA
          47
13
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
          0.101704538333298
X
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.00751868156382979
Y
13
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                               Mean
Z
          -0.0252977670276596
     47
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
X
          -0.0740908045319149
     47
                          Time Body Accelerometer
13
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.149027773519149
     47
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
\mathbf{z}
          -0.31704660987234
13
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          47
                -0.127926051502128
13
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk Magnitude
SD
     NA
          47
                -0.0433959844
13
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                0.941875619787234
Mean X
          47
                                          Accelerometer
13
     WALKING DOWNSTAIRS
                          Time Gravity
                                                         NA
                                                               NA
Mean Y
          47
                -0.211555112553191
     WALKING DOWNSTAIRS
                          Time Gravity
13
                                          Accelerometer
                                                         NA
                                                               NA
               -0.0950820341687234
Mean Z
          47
```

13	<b>—</b>	OWNSTAIRS			ty	Accel	erome	eter	NA	NA
SD	X 47	-0.9526430			<b>_</b>	7 ~ ~ ~ 1			37.7	37.7
13 SD	WALKING_DO	OWNSTAIRS -0.9285443			тy	Accel	erome	eter	NA	NA
13		OWNSTAIRS			+ 37	Accel	erome	tor	NA	NA
SD	Z 47	-0.8939629			. cy	Accei	ELOINE	CEI	IVA	IVA
13					.ty	Accel	erome	eter	NA	
	itude Mean				. 29955		on onic	CCI	1121	
13					ty.		erome	eter	NA	
	itude SD				19882				_,	
13	WALKING D				Gyros		NA	NA	Mean	X
47	-0.319677		_		4	-				
13	WALKING D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
47	-0.133828		-		-	-				
13	WALKING D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	$\mathbf{Z}$
47	-0.212906	662531915	_		_	_				
13	WALKING D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	X
47	-0.452190	386808511	_		_	_				
13	WALKING D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
47	$-0.2496\overline{60}$	32923617	_		_	_				
13	WALKING D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	$\mathbf{Z}$
47	-0.427008	254255319								
13	WALKING_D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	Magni	itude	Mean
NA	47 -0.2	06121707212	766							
13	WALKING_D	OWNSTAIRS	Freq	NA	Gyros	cope	NA	Magni	itude	SD
NA	47 -0.4	00560061212	766							
13	WALKING_D	OWNSTAIRS	Freq	NA	Gyros	cope	Jerk	Magni	itude	Mean
NA	47 -0.2	66399903210	638							
13	WALKING_D	OWNSTAIRS	Freq	NA	Gyros	cope	Jerk	Magni	itude	SD
NA	47 -0.3	43094861202	128							
13	WALKING_D	OWNSTAIRS	Freq	Body	Accel	erome	eter	NA	NA	Mean
X	47 -0.0	72660266321	2766							
13	WALKING_D	OWNSTAIRS	Freq	Body	Accel	erome	eter	NA	NA	Mean
Y	47 -0.0	36453524765	9574							
13	WALKING_D	OWNSTAIRS	Freq	Body	Accel	erome	eter	NA	NA	Mean
Z	47 -0.1	51178724793	617							
13	WALKING_D	OWNSTAIRS	Freq	Body	Accel	erome	eter	NA	NA	SD
X	47 -0.0	68043621702	1277							
13		OWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	SD
Y	47 -0.0	92444416708	5106							
13	_	OWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	SD
Z	47 -0.2	33315176510	213							
13	_	OWNSTAIRS	_	_	Accel	erome	eter	NA	Magn	itude
Mean	NA 47	0.05287918	80659	574						
13	_	OWNSTAIRS	_	_	Accel	erome	eter	NA	Magn	itude
SD	NA 47	-0.2109127								
13	WALKING_D	OWNSTAIRS	Freq	Body	Accel	erome	eter	Jerk	NA	Mean

v	47 0 1140E1EE627	224						
X 13	47 -0.11485155627		Podv	Aggoloroma	ator	Jerk	NT 7N	Mean
13 Y	WALKING_DOWNSTAIRS 47 -0.20781234824	_	ьоцу	Accelerome	erer	Derk	IVA	Mean
13	WALKING DOWNSTAIRS		Body	Accelerome	ator	Jerk	NΙΔ	Mean
Z	47 -0.27613803989	_	Боау	ACCCICIONO	CCI	OCIK	1471	neun
13	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NΑ	SD
X	47 -0.11474497603	_	Dody	110001011	3001	00111	1111	
13	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y	47 -0.14177511631	_	_					
13	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
$\mathbf{Z}$	47 -0.35657947553	1915						
13	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude
			14894					
13	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	Magn	itude
SD	NA 47 -0.070989							
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
55	-0.13829376226			_				
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
55	0.00381966911090909	m	377	G	377	377	M	F
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
55 13	0.116679563256364 WALKING UPSTAIRS	Time	NT 7\	Gyroscope	NT 7\	NA	SD	Х
55	-0.541066687090909	1111116	IVA	Gyroscope	IVA	IVA	עפ	Λ
13	WALKING UPSTAIRS	Time	NΙΔ	Gyroscope	NΙΔ	NA	SD	Y
55	-0.403572169636364	TIME	1471	буговсорс	1421	1471	DD	•
13	WALKING UPSTAIRS	Time	NΑ	Gyroscope	NΑ	NA	SD	Z
55	-0.211805111745455	11110	1111	o <sub>1</sub> rozoope	-11-1			_
13	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	55 -0.23718295811					,		
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	55 -0.41565860618	1818						
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
55	-0.0664817176345455							
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
55	-0.0453051954036364							
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
55	-0.0661653916327273				_ ,		~-	
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
55	-0.631037584	m	377	G	T1-	377	an	77
13	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NА	SD	Y
55 13	-0.678805915818182	Пimo	NT 7A	Gyroscope	Jork	NΤΛ	GD.	Z
55	WALKING_UPSTAIRS -0.550880346909091	Time	INA	gyroscope	nerk	MA	SD	ப
13	WALKING UPSTAIRS	Time	NΔ	Gyroscope	Jork	Magn	i+ııde	Mean
NA	55 <b>-0.</b> 63196490218		M	oyroacope	OCIV	rayıı.	Luue	IICUII
13	WALKING UPSTAIRS	Time	NΑ	Gyroscope	Jerk	Magn	i tude	SD
NA	55 <b>-0.</b> 66921638309		1111	c1100cobc	CIN	-14911	Loude	22
-1	11 0.0032100000							

X 55 0.258203939581818	
13 WALKING_UPSTAIRS Time Body Accelerometer NA NA Mean	n
Y 55 -0.0277392253910909 13 WALKING_UPSTAIRS Time Body Accelerometer NA NA Mean	n
Z 55 -0.125767265890909 13 WALKING_UPSTAIRS Time Body Accelerometer NA NA SD	
X 55 -0.296284597454545 13 WALKING_UPSTAIRS Time Body Accelerometer NA NA SD	
Y 55 0.104470773801818  13 WALKING_UPSTAIRS Time Body Accelerometer NA NA SD	
Z 55 -0.217210568085455 13 WALKING_UPSTAIRS Time Body Accelerometer NA Magnitude	e
Mean NA 55 -0.10115350174  13 WALKING_UPSTAIRS Time Body Accelerometer NA Magnitude	e
SD NA 55 -0.326339622181818  13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA Mean	n
X 55 0.0692442067545455 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA Mean	n
Y 55 -0.00128009758363636 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA Mean	n
Z 55 -0.0254126299290909 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA SD	
X 55 -0.487325539818182 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA SD	
Y 55 -0.323333932218182 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk NA SD	
<pre>Z 55 -0.660921263636364 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk Magnitude</pre>	.e
Mean NA 55 -0.456190454 13 WALKING_UPSTAIRS Time Body Accelerometer Jerk Magnitude	e
SD NA 55 -0.451225931090909  13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
Mean X 55 0.847634313454545 13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
Mean Y 55 -0.357404501636364  13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
Mean Z 55 -0.207507170584727  13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
SD X 55 -0.946441502363636 13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
SD Y 55 -0.922054968727273 13 WALKING_UPSTAIRS Time Gravity Accelerometer NA NA	
SD Z 55 -0.910271096181818 13 WALKING_UPSTAIRS Time Gravity Accelerometer NA	
Magnitude Mean NA 55 -0.10115350174  13 WALKING_UPSTAIRS Time Gravity Accelerometer NA	

_	itude SD	NA	55			522181818				
13	WALKING_U			Freq	NA	Gyroscope	NA	NA	Mean	X
55	-0.482113									
13	WALKING_U			Freq	NA	Gyroscope	NA	NA	Mean	Y
55	-0.492176									
13	WALKING_U			Freq	NA	Gyroscope	NA	NA	Mean	Z
55	-0.255338	394592	7273							
13	WALKING_U	JPSTAI	RS	Freq	NA	Gyroscope	NA	NA	SD	X
55	-0.562911	100254	5455							
13	WALKING_U	JPSTAI	RS	Freq	NA	Gyroscope	NA	NA	SD	Y
55	-0.364283	325872	7273							
13	WALKING_U	JPSTAI	RS	Freq	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$
55	-0.272525	501181	8182							
13	WALKING_U	JPSTAI	RS	Freq	NA	Gyroscope	NA	Magn	itude	Mean
NA	55 -0.4	185477	308909	091						
13	WALKING U	JPSTAI	RS	Freq	NA	Gyroscope	NA	Magn	itude	SD
NA	_	170770		3636				_		
13	WALKING U	JPSTAI	RS	Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	_	556088		_				_		
13	WALKING U	JPSTAI	RS	Freq	NA	Gyroscope	Jerk	Magn	itude	SD
NA	_	712261		_				_		
13	WALKING U	JPSTAI	RS	Freq	Body	Accelerome	eter	NA	NA	Mean
X	_	382460		_	-					
13	WALKING U	JPSTAI	RS	Freq	Body	Accelerome	eter	NA	NA	Mean
Y	_	063656		_	-					
13	WALKING U	JPSTAI	RS	Freq	Body	Accelerome	eter	NA	NA	Mean
Z	_	104785		_	_					
13	WALKING U				Body	Accelerome	eter	NA	NA	SD
Х	_	266081		_	1					
13	WALKING U				Body	Accelerome	eter	NA	NA	SD
Y	_	L46567		_	1					
13	WALKING U				Body	Accelerome	eter	NA	NA	SD
Z	_	184842		_	1					
13					Body	Accelerome	eter	NA	Magn	itude
	_	-0.3		_	_				5	
13						Accelerome	eter	NA	Magn	itude
SD	_	-0.4		_	_				5	
13						Accelerome	eter	Jerk	NA	Mean
X	_	06212		_						
13					Body	Accelerome	eter	Jerk	NA	Mean
Y	_	368996		_						
13					Body	Accelerome	eter	Jerk	NA	Mean
Z	_	31496		_						
13	WALKING U				Body	Accelerome	eter	Jerk	NA	SD
X	_	514337		_						
13					Body	Accelerome	eter	Jerk	NA	SD
Y	_	319400		_	Loug	11000101011		0011	-1-1	
_	55 0.5									

13	WALKING_UPSTAIRS		Acce	lerome	eter	Jerk	NA	SD
Z 12	55 -0.68923577890		7 0 0 0	loroma		Torde	Magn	:+,,,d,
13 Mean	WALKING_UPSTAIRS NA 55 -0.425100		Acce.	rerome	scer	perk	Magii.	Llude
13	WALKING UPSTAIRS		Acce	laroma	a+or	Jork	Magn	i +ııde
SD	NA 55 -0.491090		ACCE.	reronie	scer	DELK	Magii	Luue
14	LAYING Time NA		NΙΔ	NA	Mean	v	51	
	505221181607843	чуговеоре	1421	1471	ricuii	Λ	31	
14	LAYING Time NA	Gyroscope	NΑ	NA	Mean	Y		
51	-0.153423807745098	Cyroboope	1111	1411	iicaii	-		
14	LAYING Time NA	Gyroscope	NΑ	NA	Mean	7.	51	
	9124058235294	c/_cccepc	-,			_	-	
14	LAYING Time NA	Gyroscope	NA	NA	SD	Х		
51	-0.957221015098039	c/_cccepc	-,					
14	LAYING Time NA	Gyroscope	NA	NA	SD	Y		
51	-0.932499780588235	c/_cccepc	-,			_		
14	LAYING Time NA	Gyroscope	NA	NA	SD	Z		
51	-0.952296965294118	-7						
14	LAYING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
51	-0.904665418431373	2 1		,				
14	LAYING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
51	-0.913433185882353							
14	LAYING Time NA	Gyroscope	Jerk	NA	Mean	X		
51	-0.105446637019608							
14	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Y		
51	-0.0372677398193922							
14	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Z		
51	-0.0566171868039216							
14	LAYING Time NA	Gyroscope	Jerk	NA	SD	X		
51	-0.970274962745098							
14	LAYING Time NA	Gyroscope	Jerk	NA	SD	Y		
51	-0.968042893529412							
14	LAYING Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
51	-0.979711372941176							
14	LAYING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
51	-0.975621183137255							
14	LAYING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
51	-0.964009921960784	_						
14	_	Accelerome	eter	NA	NA	Mean	X	51
	3275439803922							
14	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
51	-0.0113424652490196						_	
14	_	Accelerome	eter	NA	NA	Mean	Z	
51	-0.0868333315509804			377	377	an	37	
14	_	Accelerome	eter	NA	NA	SD	X	
51	-0.917501887333333	70001000	a+ a	NT 70	NT 70	CD	37	
14	LAYING Time Body	Accelerome	eter	NA	NA	SD	Y	

```
51
     -0.909697040980392
14
                Time Body Accelerometer
                                                NΑ
                                                      SD
                                                           \mathbf{Z}
     LAYING
                                           NA
51
     -0.900331921686275
14
     LAYING
                Time Body Accelerometer
                                           NA
                                                Magnitude Mean NA
51
     -0.905978250196078
                Time Body Accelerometer
14
     LAYING
                                           NA
                                                Magnitude SD
                                                                 NA
51
     -0.856593119215686
14
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                      Mean X
                                                                 51
0.098140384845098
14
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                      Mean Y
     -0.00831507059607843
51
14
                Time Body Accelerometer
                                           Jerk NA
                                                      Mean Z
     LAYING
51
     -0.0323601505045098
14
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Х
51
     -0.971473557058824
14
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Υ
51
     -0.96812761745098
14
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Z
51
     -0.972431855490196
                Time Body Accelerometer
14
     LAYING
                                           Jerk Magnitude Mean NA
51
     -0.972576392941176
14
     LAYING
                Time Body Accelerometer
                                           Jerk Magnitude SD
                                                                 NA
51
     -0.966450909019608
14
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           Mean X
     -0.145483631627451
51
14
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           Mean Y
51
     0.48539692745098
14
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           Mean Z
51
     0.83656291
14
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           SD
                                                                 Х
51
     -0.862136937254902
                Time Gravity
14
     LAYING
                                Accelerometer
                                                NA
                                                      NA
                                                           SD
                                                                 Y
51
     -0.94877486372549
                Time Gravity
                                Accelerometer
14
     LAYING
                                                NA
                                                      NA
                                                           SD
                                                                 \mathbf{Z}
51
     -0.90130385627451
14
     LAYING
                Time Gravity
                                                      Magnitude Mean
                                Accelerometer
                                                NA
          -0.905978250196078
     51
NA
14
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      Magnitude SD
NA
          -0.856593119215686
14
                           Gyroscope NA
                                                Mean X
     LAYING
                Freq NA
                                           NA
51
     -0.949959040588235
14
     LAYING
                Freq NA
                           Gyroscope NA
                                           NA
                                                Mean Y
51
     -0.938087898235294
                                                Mean Z
14
     LAYING
                           Gyroscope NA
                                           NA
                Freq NA
51
     -0.949107162941176
14
                           Gyroscope NA
                                                      Х
     LAYING
                Freq NA
                                           NA
                                                SD
     -0.959740488627451
51
```

```
Freq NA
14
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
51
     -0.929955407058824
14
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                    7.
               Freq NA
51
     -0.957790479803922
14
                                          Magnitude Mean NA
     LAYING
               Freq NA
                          Gyroscope NA
51
     -0.930151731176471
14
     LAYING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
51
     -0.917760104901961
14
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
51
     -0.966455343137255
               Freq NA
14
     LAYING
                          Gyroscope Jerk Magnitude SD
                                                          NA
51
     -0.963666018039216
               Freq Body Accelerometer
14
     LAYING
                                          NA
                                               NA
                                                    Mean X
51
     -0.933936178235294
14
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
51
     -0.930366906078431
14
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
51
     -0.927882307058824
14
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
51
     -0.911972655156863
14
     LAYING
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                          Y
                                          NA
51
     -0.905221049156863
14
               Freq Body Accelerometer
                                                    SD
                                                          Z
     LAYING
                                          NA
                                               NA
     -0.894055710980392
51
14
               Freq Body Accelerometer
     LAYING
                                          NA
                                               Magnitude Mean NA
     -0.899463668843137
51
14
               Freq Body Accelerometer
     LAYING
                                          NA
                                               Magnitude SD
                                                               NA
51
     -0.859606047058823
                                          Jerk NA
14
     LAYING
               Freq Body Accelerometer
                                                    Mean X
     -0.972010709215686
51
14
               Freq Body Accelerometer
                                          Jerk NA
     LAYING
                                                    Mean Y
51
     -0.969342124313725
14
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
51
     -0.968593195686275
14
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
51
     -0.973491388039216
14
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                    SD
                                                          Υ
51
     -0.969113291372549
14
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
51
     -0.97491443
14
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
51
     -0.96798859627451
14
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
51
     -0.963607433921569
14
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
54
     -0.0440403326851852
14
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
```

54	-0.0713478280925926							
14	SITTING Time NA	Gyroscope	NA	NA	Mean	Z	54	
0.092	28523607037037	1 1						
14	SITTING Time NA	Gyroscope	NA	NA	SD	X		
54	-0.980829981481481							
14	SITTING Time NA	Gyroscope	NA	NA	SD	Y		
54	-0.962048191666667							
14	SITTING Time NA	Gyroscope	NA	NA	SD	Z		
54	-0.952904383518518							
14	SITTING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
54	-0.942756369259259	_						
14	SITTING Time NA	Gyroscope	NA	Magn:	itude	SD	NA	
54	-0.947081158333333	a	- 1					
14	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Х		
54	-0.0921614578888889	<b>G</b>	T1-	377	M	37		
14	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Y		
54	-0.0434577295055556 SITTING Time NA	Criroggono	Torde	<b>3</b> .T.73	Moon	7		
14 54	SITTING Time NA -0.0520121608148148	Gyroscope	nerk	NA	Mean	Z		
14	SITTING Time NA	Gyroscope	Tork	NT 7N	SD	X		
54	-0.990284240185185	Gyroscope	DELK	IVA	שט	Λ		
14	SITTING Time NA	Gyroscope	.Terk	NΙΔ	SD	Y		
54	-0.986911323888889	дуговсоре	OCIK	1177	סט	1		
14	SITTING Time NA	Gyroscope	Jerk	NΑ	SD	Z		
54	-0.982819138888889	сугорооро	00111	-11-1	22	_		
14	SITTING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
54	-0.988317606666667	1 1		,				
14	SITTING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
54	-0.986963989814815	1 1		,				
14	SITTING Time Body	Accelerome	eter	NA	NA	Mean	X	54
0.279	9990577037037							
14	SITTING Time Body	Accelerome	eter	NA	NA	Mean	Y	
54	-0.00870565463888888	9						
14	SITTING Time Body	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
54	-0.100401490425926							
14	SITTING Time Body	Accelerome	eter	NA	NA	SD	X	
54	-0.976302248148148							
14		Accelerome	eter	NA	NA	SD	Y	
54	-0.914935703907407							
14	_	Accelerome	eter	NA	NA	SD	Z	
54	-0.922774835740741	_						
14	<del>-</del>	Accelerome	eter	NA	Magn:	itude	Mean	NA
54	-0.944197943703704	_						
14	<del>-</del>	Accelerome	eter	NA	Magn:	itude	SD	NA
54	-0.92549582962963	7 7 -	_4	T 1	373	M	37	E 4
14	<del>-</del>	Accelerome	eter	Jerk	NA	Mean	Х	54
0.0/4	41878844074074							

```
14
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean Y
54
     -0.00436185985848148
14
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean 7
     SITTING
54
     -0.0105744513096296
                Time Body Accelerometer
14
     SITTING
                                           Jerk NA
                                                     SD
                                                           Х
54
     -0.980890655185185
14
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Υ
54
     -0.967828356296296
                                           Jerk NA
14
                                                     SD
                                                           \mathbf{Z}
     SITTING
                Time Body Accelerometer
54
     -0.976133383518519
14
     SITTING
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
54
     -0.976521006111111
14
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
54
     -0.973343388888889
14
     SITTING
                Time Gravity
                                Accelerometer
                                                     NA
                                                          Mean X
                                                NA
54
     0.939038759814815
                                Accelerometer
14
     SITTING
                Time Gravity
                                                NA
                                                     NA
                                                           Mean Y
54
     -0.0364533962277778
14
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Z
54
     -0.0945970534814815
14
     SITTING
                Time Gravity
                                Accelerometer
                                                           SD
                                                                Х
                                                NA
                                                     NA
54
     -0.976280399444444
14
                Time Gravity
                                Accelerometer
                                                                Y
     SITTING
                                                NA
                                                     NA
                                                           SD
54
     -0.95032266362963
                                                                Z
14
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
54
     -0.938415738148148
14
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     54
          -0.944197943703704
                                                     Magnitude SD
14
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
          -0.92549582962963
NA
14
                                                Mean X
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
     -0.978577117592593
54
14
     SITTING
                          Gyroscope NA
                                          NA
                                                Mean Y
                Freq NA
54
     -0.969806729814815
14
                          Gyroscope NA
                                                Mean Z
     SITTING
                Freq NA
                                           NA
54
     -0.957020858888889
14
                          Gyroscope NA
                                                     Х
     SITTING
                Freq NA
                                           NA
                                                SD
54
     -0.981573087222222
14
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
54
     -0.958227403148148
14
                          Gyroscope NA
                                                SD
                                                     Z
     SITTING
                                           NA
                Freq NA
54
     -0.956028807962963
     SITTING
                Freq NA
14
                          Gyroscope NA
                                          Magnitude Mean NA
54
     -0.963320540555556
14
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
     -0.946517963703704
54
14
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
```

```
54
     -0.987324239259259
14
     SITTING
                          Gyroscope Jerk Magnitude SD
               Freq NA
                                                          NA
54
     -0.98706517777778
14
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
54
     -0.976456609259259
14
     SITTING
               Freq Body Accelerometer
                                                     Mean Y
                                          NA
                                                NA
54
     -0.932644766111111
14
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
54
     -0.944126078888889
14
     SITTING
               Freq Body Accelerometer
                                                NA
                                                     SD
                                                           Х
                                          NA
54
     -0.976303056851852
14
     SITTING
               Freq Body Accelerometer
                                                     SD
                                          NA
                                                NA
                                                           Y
54
     -0.911591208203704
14
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                           Z
54
     -0.917678155296296
14
     SITTING
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
54
     -0.940589853333333
14
     SITTING
               Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
54
     -0.929193937222222
14
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
54
     -0.981566649444444
14
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
54
     -0.968951769814815
14
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
54
     -0.97275196962963
14
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                           Х
54
     -0.981920831111111
14
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                           Y
     -0.968943674259259
54
               Freq Body Accelerometer
14
     SITTING
                                          Jerk NA
                                                     SD
                                                           \mathbf{Z}
54
     -0.978180020925926
14
                                          Jerk Magnitude Mean NA
     SITTING
               Freq Body Accelerometer
54
     -0.972985342962963
               Freq Body Accelerometer
14
     SITTING
                                          Jerk Magnitude SD
                                                                NA
54
     -0.972959409444444
14
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
60
     -0.0220886526891667
14
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
60
     -0.05581088271
14
     STANDING
               Time NA
                          Gyroscope NA
                                                Mean Z
                                                           60
                                          NA
0.07904758875
14
     STANDING
               Time NA
                          Gyroscope NA
                                                     Χ
                                          NA
                                                SD
60
     -0.9610917615
14
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Υ
60
     -0.9462806205
14
                                                     Z
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
     -0.946589134666667
60
```

14	STANDING		Gyroscope	NA	Magn	itude	Mean	NA	
60 14	-0.943530 STANDING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
60 14	-0.931426 STANDING		Gyroscope	Jerk	NA	Mean	X		
60 14	-0.100718 STANDING		Gyroscope	Jerk	NΙΔ	Mean	v		
60	-0.045009	67927							
14 60	STANDING -0.050903	Time NA 6177765	Gyroscope	Jerk	NA	Mean	Z		
14 60	STANDING -0.969948		Gyroscope	Jerk	NA	SD	X		
14	STANDING	Time NA	Gyroscope	Jerk	NA	SD	Y		
60 14	-0.970692 STANDING		Gyroscope	Jerk	NA	SD	Z		
60 14	-0.974687 STANDING					:+::40	Moan	NI A	
60	-0.974873	328	Gyroscope	Jerk	Magii.	rtude	меап	NA	
14 60	STANDING -0.966834	Time NA 217	Gyroscope	Jerk	Magn	itude	SD	NA	
14	STANDING	Time Body	Accelerome	eter	NA	NA	Mean	X	60
14	0545613833 STANDING	Time Body	Accelerome	eter	NA	NA	Mean	Y	
60 14	-0.015207	81344 Time Body	Accelerome	eter	NA	NA	Mean	7.	
60	-0.103817	701790667							
14 60	STANDING -0.973268	_	Accelerome	eter	NA	NA	SD	X	
14 60	STANDING -0.928525	Time Body	Accelerome	eter	NA	NA	SD	Y	
14	STANDING	Time Body	Accelerome	eter	NA	NA	SD	Z	
60 14	-0.922276 STANDING	3115 Time Body	Accelerome	eter	NA	Magn	itude	Mean	NA
60 14	-0.943456	847333333 Time Body	Accelerome	o+or	NA	Magn	itude	g D	NA
60	-0.936735	577166667				_			
14 0.073	STANDING 3793374848	Time Body	Accelerome	eter	Jerk	NA	Mean	X	60
14	STANDING 5795661829	Time Body	Accelerome	eter	Jerk	NA	Mean	Y	60
14	STANDING	Time Body	Accelerome	eter	Jerk	NA	Mean	$\mathbf{z}$	
60 14	-0.007207 STANDING	77760485 Time Body	Accelerome	eter	Jerk	NA	SD	X	
60	-0.978248	526						37	
14 60	-0.966362	Time Body 425833333	Accelerome	erer	Jerk	MA	SD	Y	
14	STANDING	Time Body	Accelerome	eter	Jerk	NA	SD	Z	

```
60
     -0.970766734
14
     STANDING
               Time Body Accelerometer Jerk Magnitude Mean NA
     -0.972965788166667
60
14
     STANDING
               Time Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
60
     -0.970437182833333
14
               Time Gravity
     STANDING
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean X
60
     0.875319569
     STANDING Time Gravity
14
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Y
60
     -0.226692231166667
14
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Z
60
     -0.338174888666667
14
     STANDING
               Time Gravity
                               Accelerometer
                                                    NA
                                                         SD
                                                              Х
                                               NA
60
     -0.972005366333333
     STANDING
14
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Y
     -0.965781048333333
60
14
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              \mathbf{Z}
60
     -0.940757718
14
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
NA
     60
          -0.943456847333333
                               Accelerometer
14
     STANDING
               Time Gravity
                                               NA
                                                    Magnitude SD
          -0.936735577166667
NA
     60
14
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean X
60
     -0.957111767
14
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Y
60
     -0.9508361945
14
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Z
60
     -0.950999877833333
14
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Х
     -0.962741032833333
60
14
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Y
60
     -0.944306864
14
     STANDING
              Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Z
60
     -0.950162705166667
14
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude Mean NA
60
     -0.944405563833333
14
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
60
     -0.934815560833333
14
     STANDING Freq NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.969175636833333
60
14
     STANDING Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
60
     -0.966019259166667
14
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean X
                                         NA
60
     -0.9726995625
14
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                         NA
60
     -0.942178248333333
```

NA

NA

Mean Z

STANDING Freq Body Accelerometer

14

60

-0.9424220265

14			Accelerome	eter	NA	NA	SD	X	
60 14	-0.9736055		Aggolorom	otor	NA	NA	SD	Y	
60	-0.9260559		Accelerome	erer	IVA	NA	עמ	1	
14			Accelerome	eter	NA	NA	SD	Z	
60	-0.9177818		11000101011	2001	1411	1111	DD.	_	
14			Accelerome	eter	NA	Magn	itude	Mean	NA
60	-0.9497150					,			
14			Accelerome	eter	NA	Magn	itude	SD	NA
60	-0.9397998	369833333							
14	STANDING	Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
60	-0.9781816	54							
14	STANDING	Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
60	-0.9672499	904833333							
14			Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
60	-0.9667184								
14			Accelerome	eter	Jerk	NA	SD	X	
60	-0.9803966		_		_				
14			Accelerome	eter	Jerk	NA	SD	Y	
60	-0.9678301				- 1		<b>a</b> 5	_	
14			Accelerome	eter	Jerk	NA	SD	Z	
60	-0.9735943		Accolonom.	- <del>-</del>	Totale	Maan	: d a	Maan	3.7.73
14 60	-0.9702141		Accelerome	eter	Jerk	Magn	Ltuae	mean	NA
14			Accelerome	otor	Tork	Magn	+1140	GD.	NA
60	-0.9696775		Acceletome	erer	nerk	Magii.	Luue	עמ	MA
14	WALKING	Time NA	Gyroscope	NΔ	NA	Mean	v		
59	-0.0034765			1471	1471	ricuii	21		
14	WALKING	Time NA	Gyroscope	NA	NA	Mean	Y		
59	-0.0829682		c/1020cpc	-11-1	-11-1	110411	-		
14	WALKING	Time NA	Gyroscope	NA	NA	Mean	Z	59	
0.05	13222717627		2 1						
14	WALKING	Time NA	Gyroscope	NA	NA	SD	X		
59	-0.6003882	22220339							
14	WALKING	Time NA	Gyroscope	NA	NA	SD	Y		
59	-0.0148392	2604279661							
14	WALKING	Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
59	-0.1260908	30020339							
14	WALKING	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
59	-0.1372087	741864407							
14	WALKING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
59	-0.2014019	930542373							
14	WALKING		Gyroscope	Jerk	NA	Mean	X		
59	-0.1106560								
14	WALKING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
59	-0.0438969								
14	WALKING	Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		

59	-0.0388825919508475								
14	WALKING Time NA	Gyros	scope	Jerk	NA	SD	X		
59	-0.571759911525424	1 - 3.	r -	<b>-</b>					
14	WALKING Time NA	Gyros	scope	Jerk	NA	SD	Y		
59	-0.536737701694915		_						
14	WALKING Time NA	Gyros	scope	Jerk	NA	SD	$\mathbf{Z}$		
59	-0.497187687966102								
14	WALKING Time NA	Gyros	scope	Jerk	Magn	itude	Mean	NA	
59	-0.519895046779661			_					
14	WALKING Time NA	Gyros	scope	Jerk	Magn	Ltude	SD	NA	
59	-0.606103313898305	7	1		377	377	M	37	F 0
14	WALKING Time Body	Acce.	Lerome	eter	NA	NA	Mean	Х	59
14	1959598644068 WALKING Time Body	Acce	laromo	ator	NA	NA	Mean	v	
59	-0.0217785380966102	ACCE.	ret Ollie	- CCI	INT	INT	ricali	T	
14	WALKING Time Body	Acce	lerome	eter	NA	NA	Mean	7.	
59	-0.106756369135593	11000			1111	-11-1	cuii	_	
14	WALKING Time Body	Acce	lerome	eter	NA	NA	SD	X	
59	-0.402639098135593								
14	WALKING Time Body	Acce	lerome	eter	NA	NA	SD	Y	
59	-0.0536126686650847								
14	WALKING Time Body	Acce	lerome	eter	NA	NA	SD	Z	59
	18841040022034								
14	WALKING Time Body	Accel	lerome	eter	NA	Magn:	itude	Mean	NA
59	-0.144404671779661	_	_				_		
14	WALKING Time Body	Accel	lerome	eter	NA	Magn:	itude	SD	NA
59	-0.36380562779661				- 1				F.0
14	WALKING Time Body	Acce.	Lerome	eter	Jerk	NA	Mean	Х	59
	20877913452542 WALKING Time Body	7000	loroma	otor	Jerk	NΤΛ	Moor	v	59
14	WALKING Time Body 4116023559322	Acce.	rerone	erer	nerk	MA	Mean	ĭ	39
14	WALKING Time Body	Acce	leroma	oter	Jerk	NΔ	Mean	7.	59
	99723036949153	ACCE.	r C T OILLE	CCI	OCIN	717.7	ncuil	Ц	3,7
14	WALKING Time Body	Acce	lerome	eter	Jerk	NA	SD	X	
59	-0.454497019661017			<b>-</b>	<b></b>				
14	WALKING Time Body	Acce	lerome	eter	Jerk	NA	SD	Y	
59	-0.344339569152542								
14	WALKING Time Body	Acce	lerome	eter	Jerk	NA	SD	Z	
59	-0.472791088644068								
14	WALKING Time Body	Acce	lerome	eter	Jerk	Magn	itude	Mean	NA
59	-0.377293155084746								
14	WALKING Time Body	Acce	lerome	eter	Jerk	Magn	itude	SD	NA
59	-0.439746918474576	_							
14	WALKING Time Grav	ity	Accel	Lerome	eter	NA	NA	Mean	X
59	0.802973961525424		_ =	•					
14	WALKING Time Grav	ıty	Acce]	Lerome	eter	NA	NA	Mean	Y
59	-0.270314822881356								

14	WALKING		Gravi	Lty	Accel	Lerome	eter	NA	NA	Mean	Z
59 14	-0.4224952 WALKING			+ + + +	Accel	orome	tor	NA	NA	SD	X
59	-0.9748168		Gravi	LLY	Accel	reronie	erer	IVA	NA	עמ	Λ
14	WALKING		Gravi	+ 37	Accel	erome	tor	NA	NA	SD	Y
59	-0.9544559			LCY	necei	LCI OIIIC	CCI	1421	1171	DD	•
14	WALKING		Gravi	t.v	Accel	erome	eter	NA	NA	SD	Z
59	-0.9475169			1				_,	_,		_
14	WALKING		Gravi	Lty	Accel	Lerome	eter	NA	Magn	itude	Mean
NA	59 -0.14	444046		_					,		
14	WALKING	Time	Gravi	Lty	Accel	Lerome	eter	NA	Magn	itude	SD
NA	59 -0.36	638056	527796	61					_		
14	WALKING	Freq	NA	Gyros	scope	NA	NA	Mean	X		
59	-0.5085958	351864	1407								
14	WALKING	Freq	NA	Gyros	scope	NA	NA	Mean	Y		
59	-0.2158949	949525	5424								
14	WALKING	Freq	NA	Gyros	scope	NA	NA	Mean	$\mathbf{Z}$		
59	-0.2129257	759152	2542								
14	WALKING	Freq	NA	Gyros	scope	NA	NA	SD	X		
59	-0.6300820	75932	2203								
14	WALKING	Freq	NA	Gyros	scope	NA	NA	SD	Y	59	
0.083	32950551222	2034									
14	WALKING	Freq	NA	Gyros	scope	NA	NA	SD	$\mathbf{Z}$		
59	-0.1802329	949016	5949								
14	WALKING	Freq	NA	Gyros	scope	NA	Magni	tude	Mean	NA	
59	-0.3113864	449661	L017								
14	WALKING	Freq	NA	Gyros	scope	NA	Magni	tude	SD	NA	
59	-0.2655045	551525	5424								
14	WALKING	Freq	NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
59	-0.5910369	936101	L695								
14	WALKING	Freq	NA	Gyros	scope	Jerk	Magni	tude	SD	NA	
59	-0.6556776										
14	WALKING	Freq	Body	Accel	Lerome	eter	NA	NA	Mean	X	
59	-0.4214983										
14	WALKING	_	_	Accel	Lerome	eter	NA	NA	Mean	Y	
59	-0.1746018	344847	7458								
14	WALKING	_	_	Accel	Lerome	eter	NA	NA	Mean	Z	
59	-0.1773664	434042	2373								
14	WALKING	_	_	Accel	Lerome	eter	NA	NA	SD	X	
59	-0.3958599	985762	2712								
14	WALKING	_	_	Accel	Lerome	eter	NA	NA	SD	Y	
59	-0.0542709	997218	36441								
14	WALKING	_	Body	Accel	Lerome	eter	NA	NA	SD	$\mathbf{Z}$	59
	54892136933										
14	WALKING	_	_	Accel	Lerome	eter	NA	Magni	itude	Mean	NA
59	-0.3735167										
14	WALKING	Freq	Body	Accel	Lerome	eter	NA	Magni	itude	SD	NA

```
59
     -0.457490009491525
14
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
     WALKING
59
     -0.472360616779661
14
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
59
     -0.376766600508475
14
                Freq Body Accelerometer
                                                     Mean Z
     WALKING
                                          Jerk NA
59
     -0.415899179152542
14
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
59
     -0.484797709830508
14
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
59
     -0.353526894237288
14
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
     WALKING
59
     -0.528889535084746
14
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
59
     -0.431591453389831
14
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
59
     -0.453426008983051
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
45
     -0.0147079653333333
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
45
     -0.0945288409066667
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
45
     0.035334453755556
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Х
     -0.354551638377778
45
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Y
45
     0.056990222262222
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Z
     0.356198597177778
45
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
NA
          0.166340011842444
     45
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
NA
          -0.0665144570666667
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
45
     -0.108620377713333
14
                                     Gyroscope Jerk NA
     WALKING DOWNSTAIRS
                          Time NA
                                                          Mean Y
45
     -0.0740589810844444
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
45
     -0.0615978795422222
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                               Х
                                                          SD
45
     -0.53700209755556
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Y
45
     -0.284318020488889
14
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                               7.
                                                          SD
45
     0.0913857550044444
14
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Time NA
          -0.275120883488889
NA
     45
```

14	WALKING_DOWNSTAIRS Time NA	Gyrosco	pe Jerk	Magni	tude	SD
NA 14 X	45 -0.274744003577778 WALKING_DOWNSTAIRS Time Boo 45 0.293422115555556	dy Acceler	ometer	NA	NA	Mean
14 Y	WALKING_DOWNSTAIRS Time Book 45 -0.0200141413657778	dy Acceler	ometer	NA	NA	Mean
14 Z	WALKING_DOWNSTAIRS Time Book 45 -0.0928330165533333	dy Acceler	ometer	NA	NA	Mean
14 X	WALKING_DOWNSTAIRS Time Box 45 0.0178313402266667	dy Acceler	ometer	NA	NA	SD
14 Y	WALKING_DOWNSTAIRS Time Box 45 0.378870491755556	dy Acceler	ometer	NA	NA	SD
14 Z	WALKING_DOWNSTAIRS Time Book 45 0.451576075111111	dy Acceler	ometer	NA	NA	SD
14 Mean	WALKING_DOWNSTAIRS Time Boo	dy Acceler	ometer	NA	Magni	tude
14 SD	WALKING_DOWNSTAIRS Time Boo NA 45 0.428405922622222	dy Acceler	ometer	NA	Magni	tude
14 X	WALKING_DOWNSTAIRS Time Box 45 0.0428631626711111	dy Acceler	ometer	Jerk	NA	Mean
14 Y	WALKING_DOWNSTAIRS Time Book 45 0.0291339421022222	dy Acceler	ometer	Jerk	NA	Mean
14 Z	WALKING_DOWNSTAIRS Time Box 45 0.0104952601188889	dy Acceler	ometer	Jerk	NA	Mean
14 X	WALKING_DOWNSTAIRS Time Box 45 0.0129597549231111	dy Acceler	ometer	Jerk	NA	SD
14 Y		dy Acceler	ometer	Jerk	NA	SD
14 Z	WALKING_DOWNSTAIRS Time Box 45 -0.133634060621778	dy Acceler	ometer	Jerk	NA	SD
14	WALKING_DOWNSTAIRS Time Boo NA 45 0.0353601375466667	_	ometer	Jerk	Magni	tude
14 SD	WALKING_DOWNSTAIRS Time Boo NA 45 0.194708838913556		ometer	Jerk	Magni	tude
14 Mean	WALKING_DOWNSTAIRS Time Gra	avity Ac	celerome	eter	NA	NA
14	WALKING_DOWNSTAIRS Time Gra	-	celerome	eter	NA	NA
Mean 14	WALKING_DOWNSTAIRS Time Gra	avity Ac	celerome	eter	NA	NA
Mean 14	WALKING_DOWNSTAIRS Time Gra		celerome	eter	NA	NA
SD 14	X 45 -0.919098794 WALKING_DOWNSTAIRS Time Gra	<b>-</b>	celerome	eter	NA	NA
SD 14	Y 45 -0.920725940666666 WALKING_DOWNSTAIRS Time Gra	avity Ac	celerome	eter	NA	NA
SD 14	Z 45 -0.879565316666666 WALKING_DOWNSTAIRS Time Gra		celerome	eter	NA	

Magnitude Mean NA 45 0	.18553770	6866667				
3	ime Gravi		erome	eter	NA	
<b>—</b>	.42840592	_				
14 WALKING_DOWNSTAIRS F	req NA	Gyroscope	NA	NA	Mean	X
45 -0.295315541666667						
14 WALKING_DOWNSTAIRS F	req NA	Gyroscope	NA	NA	Mean	Y
45 0.0132082347333333						
<u>—</u>	req NA	Gyroscope	NA	NA	Mean	Z
45 0.492414379822222						
<u>—</u>	req NA	Gyroscope	NA	NA	SD	X
45 -0.378882872733333						
<u>—</u>	req NA	Gyroscope	NA	NA	SD	Y
45 0.0741391154937778						
<u>—</u>	req NA	Gyroscope	NA	NA	SD	Z
45 0.182794696328889				_	_	
<u>—</u>	req NA	Gyroscope	NA	Magni	tude	Mean
NA 45 -0.0787568406777				_	_	
<del>-</del>	req NA	Gyroscope	NA	Magni	tude	SD
NA 45 -0.2239274305804			_	_	_	
<del>-</del>	req NA	Gyroscope	Jerk	Magni	tude	Mean
NA 45 -0.2547471322746			_	_	_	
<del>_</del>	_	Gyroscope	Jerk	Magni	tude	SD
NA 45 -0.3568494254888		_				
<del>-</del>		Accelerome	eter	NA	NA	Mean
X 45 0.02125415539777		_				
<u>—</u>	req Body	Accelerome	eter	NA	NA	Mean
Y 45 0.3714824704	_	_				
<u>—</u>		Accelerome	eter	NA	NA	Mean
z 45 0.28073595220666		_				
<u>—</u>		Accelerome	eter	NA	NA	SD
X 45 0.01408260923222		_				
<del></del>	req Body	Accelerome	eter	NA	NA	SD
Y 45 0.29363389996	_	_				
14 WALKING_DOWNSTAIRS F		Accelerome	eter	NA	NA	SD
Z 45 0.42756383237111		_				
14 WALKING_DOWNSTAIRS F		Accelerome	eter	NA	Magni	tude
Mean NA 45 0.471905155		_				
<u>—</u>		Accelerome	eter	NA	Magni	tude
SD NA 45 0.178684580		_		_		
14 WALKING_DOWNSTAIRS F		Accelerome	eter	Jerk	NA	Mean
X 45 -0.0337820458644		_		_		
14 WALKING_DOWNSTAIRS F		Accelerome	eter	Jerk	NA	Mean
Y 45 0.16477505613333						
14 WALKING_DOWNSTAIRS F		Accelerome	eter	Jerk	NA	Mean
Z 45 -0.0248789805888				<b>-</b> -		an.
14 WALKING_DOWNSTAIRS F		Accelerome	eter	Jerk	NA	SD
X 45 -0.0302396365755	0556					

14 Y	WALKING_DOWNSTAIRS Freq 45 0.138737970022222	Body	Accelerometer	Jerk	NA	SD
14	WALKING_DOWNSTAIRS Freq	Body	Accelerometer	Jerk	NA	SD
Z 14	45 -0.244857128202222 WALKING_DOWNSTAIRS Freq	_	Accelerometer	Jerk	Magn	itude
Mean 14	NA 45 0.1862234780655 WALKING_DOWNSTAIRS Freq		Accelerometer	Jerk	Magn	itude
SD	NA 45 0.1942634241111	11				
14	WALKING_UPSTAIRS Time	NA	Gyroscope NA	NA	Mean	X
54	0.0813841685037037		C	373	36	**
14	WALKING_UPSTAIRS Time	NA	Gyroscope NA	NA	Mean	Y
54 14	-0.123499570044444 WALKING UPSTAIRS Time	NT 7\	Gyroscope NA	NA	Mean	7
54	WALKING_UPSTAIRS Time : -0.0441381886666667	IVA	Gyloscope NA	IVA	Mean	Д
14	WALKING UPSTAIRS Time	NA	Gyroscope NA	NA	SD	Х
54	-0.454283337592593	-11-1	c/reseche iii	1111		
14	WALKING UPSTAIRS Time	NA	Gyroscope NA	NA	SD	Y
54	0.47651871444444		1 1			
14	WALKING_UPSTAIRS Time	NA	Gyroscope NA	NA	SD	Z
54	0.564875818162963					
14	WALKING_UPSTAIRS Time	NA	Gyroscope NA	Magni	itude	Mean
NA	54 0.365779419444444					
14	WALKING_UPSTAIRS Time	NA	Gyroscope NA	Magni	itude	SD
NA	54 0.299975979851852					
14	WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	Mean	X
54	-0.128266667862963		- 1			
14	WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	Mean	Y
54 14	-0.0207749732407407	N T 7N	Cumagaana Tank	37.73	Moon	7
14 54	WALKING_UPSTAIRS Time: -0.0137237620296296	NA	Gyroscope Jerk	NA	Mean	Z
14	WALKING UPSTAIRS Time	NT 7N	Gyroscope Jerk	NΤΛ	SD	Х
54	-0.64661103444444	IVA	dyroscope derk	IVA	שט	Λ
14		NΑ	Gyroscope Jerk	NΑ	SD	Y
54	-0.371479721296296	-11-1	cyroboope derk	1411	OD.	-
14	WALKING UPSTAIRS Time	NA	Gyroscope Jerk	NA	SD	Z
54	-0.359816626703704		-1			
14	WALKING UPSTAIRS Time	NA	Gyroscope Jerk	Magni	itude	Mean
NA	54 <b>-0.</b> 399921949557407		-	_		
14	WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	Magni	itude	SD
NA	54 -0.485819293703704					
14	<b>—</b>	Body	Accelerometer	NA	NA	Mean
X	54 0.26242106612963					
14	<del>_</del>	Body	Accelerometer	NA	NA	Mean
Y	54 -0.0204388180024074					
14	<u> </u>	Body	Accelerometer	NA	NA	Mean
Z 1 1	54 -0.112279688983333	D 0 4	Aggolomomatas	7A T 7A	NT 74	CD
14	WALKING_UPSTAIRS Time	ьоау	Accetetometer	NA	NA	SD

```
Х
     54
          -0.309396717592593
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
     54
          0.307195533
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          0.609017879074074
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
Mean NA
                0.140108204051852
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
               -0.0197686685018519
SD
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          0.080330302222222
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          -0.0183131159944444
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          0.00344199486481481
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.368780418888889
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.336427181240741
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
          -0.327868814314815
                          Time Body Accelerometer
14
     WALKING UPSTAIRS
                                                    Jerk Magnitude
                -0.28366383592037
Mean NA
          54
14
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
     NA
          54
               -0.337086266574074
     WALKING UPSTAIRS
14
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean X
                0.68825612222222
14
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean Y
          54
               -0.322680364814815
14
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                -0.49508872037037
Mean Z
          54
14
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
          54
               -0.928523640925926
                                          Accelerometer
14
     WALKING UPSTAIRS
                          Time Gravity
                                                         NA
                                                               NA
               -0.907231431296296
SD
          54
14
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                         NA
                                                               NA
SD
                -0.875450819074074
          54
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
Magnitude Mean NA
                     54
                          0.140108204051852
14
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                          -0.0197686685018519
Magnitude SD
               NA
                     54
14
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
54
     -0.441048358648148
     WALKING UPSTAIRS
                                    Gyroscope NA
14
                          Freq NA
                                                    NA
                                                         Mean Y
54
     0.118687692187963
14
     WALKING UPSTAIRS
                                    Gyroscope NA
                          Freq NA
                                                    NA
                                                         Mean Z
     0.196703218737037
54
```

14	WALKING_UP		Freq	NA	Gyroscope	NA	NA	SD	X
54 14	-0.4647429 WALKING UP		Freq	NA	Gyroscope	NA	NA	SD	Y
54	0.64623363		_		1 1				
14	WALKING_UP	STAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
54	0.52245421	6314815							
14	WALKING_UP		Freq	NA	Gyroscope	NA	Magni	itude	Mean
NA		8588668185						_	
14	WALKING_UP		Freq	NA	Gyroscope	NA	Magni	itude	SD
NA		6596624962		373	<b>G</b>	T1-	36		36
14	WALKING_UP 54 -0.45		Freq	NA	Gyroscope	Jerk	Magni	Ltuae	Mean
NA 14	WALKING UP	57250612407 STATES	Freq	NI A	Gyroscope	Tork	Magn	i + 11do	GD.
NA	_	31A1K3 34964076388	_	IVA	dyloscope	OGIK	Magiii	Lcude	שט
14	WALKING UP			Body	Accelerom	eter	NA	NA	Mean
X	_	3508442240	_				_,	_,	
14	WALKING UP			Body	Accelerom	eter	NA	NA	Mean
Y	_	3939234574	074	-					
14	WALKING_UP	STAIRS	Freq	Body	Accelerom	eter	NA	NA	Mean
Z	54  0.191	6937426333	33						
14	WALKING_UP	STAIRS	Freq	Body	Accelerom	eter	NA	NA	SD
X	54 -0.30	4980247962	963						
14	WALKING_UP		_	Body	Accelerom	eter	NA	NA	SD
Y		0727720370							
14	WALKING_UP		_	Body	Accelerom	eter	NA	NA	SD
Z		1241637037		D1	<b>3</b> 1		373	36	
14	WALKING_UP		_	_	Accelerom	eter	NA	Magn	itude
Mean		-0.0759851			Aggolorom	0+02	NT 70	Magn	: <b>-</b> do
14 SD	WALKING_UP NA 54	-0.1432538	_	_	Accelerom	erer	NA	Magii.	itude
14	WALKING UP				Accelerom	atar	Jerk	NΙΔ	Mean
X	_	3497147037	_	Боау	ACCCICION.	CCCI	OCIK	1421	ricuii
14	WALKING_UP			Body	Accelerom	eter	Jerk	NA	Mean
Y	_	7606639592						_,	
14	WALKING UP	STAIRS	Freq	Body	Accelerom	eter	Jerk	NA	Mean
$\mathbf{Z}$	54 -0.26	4008468333	333	-					
14	WALKING_UP	STAIRS	Freq	Body	Accelerom	eter	Jerk	NA	SD
X	54 -0.41	.0967870370	37						
14	WALKING_UP	STAIRS	Freq	Body	Accelerom	eter	Jerk	NA	SD
Y		1572473072							
14	WALKING_UP		_	Body	Accelerom	eter	Jerk	NA	SD
Z		1077873148			_				
14	WALKING_UP		_	_	Accelerom	eter	Jerk	Magn	itude
		-0.2887443			7 a a a 7 a	a+ a	T a1-	Mo	: <sup>1</sup> -
14	WALKING_UP	-0.4098476	_	_	Accelerom	eter	Jerk	magn:	Ltuae
SD 15	NA 54 LAYING				NIA NIA	Mean	v		
10	DULING	TIME NA	GYLUS	cope	INT INT	neall	Λ		

72	-0.0168300887791667							
15	LAYING Time NA	Gyroscope	NΙΔ	NA	Mean	v		
72	-0.0619700871944444	Gyroscope	IVA	IVA	меан	1		
15	LAYING Time NA	Gyroscope	NΔ	NA	Mean	7.	72	
	3451899791667	буговсорс	1471	1421	ricuii	4	12	
15	LAYING Time NA	Gyroscope	NΑ	NA	SD	X		
72	-0.957167680694444	Суговсорс	1421	1421	DD	21		
15	LAYING Time NA	Gyroscope	NΔ	NA	SD	Y		
72	-0.961142911805556	Суговсорс	1421	1421	DD	_		
15	LAYING Time NA	Gyroscope	NΑ	NA	SD	Z		
72	-0.956537051666667	суговооре	1111	1111	55	_		
15	LAYING Time NA	Gyroscope	NA	Magni	tude	Mean	NA	
72	-0.94460512722222	o <sub>1</sub> rozoope	-11-1	1149111	Juag	110411	-11-1	
15	LAYING Time NA	Gyroscope	NA	Magni	tude	SD	NA	
72	-0.924043007638889	-7		5				
15	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Х		
72	-0.102266714236111	2 1						
15	LAYING Time NA	Gyroscope	Jerk	NA	Mean	Y		
72	-0.0415878968152778	1						
15	LAYING Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
72	-0.0624334556236111							
15	LAYING Time NA	Gyroscope	Jerk	NA	SD	X		
72	-0.97392395125							
15	LAYING Time NA	Gyroscope	Jerk	NA	SD	Y		
72	-0.98048283444444							
15	LAYING Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
72	-0.980112732777778							
15	LAYING Time NA	Gyroscope	Jerk	Magni	tude	Mean	NA	
72	-0.983235025416667							
15	LAYING Time NA	Gyroscope	Jerk	Magni	tude	SD	NA	
72	-0.973650041666667							
15	LAYING Time Body	Accelerome	eter	NA	NA	Mean	X	72
	94756525							
15	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
72	-0.0166296542054167							
15	_	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
72	-0.118530240291667							
15	-	Accelerome	eter	NA	NA	SD	X	
72	-0.972255551527778	_						
15	-	Accelerome	eter	NA	NA	SD	Y	
72	-0.962759422361111	_						
15		Accelerome	eter	NA	NA	SD	Z	
72	-0.929586835277778	_						
15	<del>-</del>	Accelerome	eter	NA	Magni	Ltude	Mean	NA
72	-0.955340661527778						<b>a</b> 5	
15		Accelerome	eter	NA	Magni	Ltude	SD	NA
72	-0.943314107916667							

15	LAYING		Body	Accel	erome	eter	Jerk	NA	Mean	X	72
	5751543861		<b>-</b> 1				- 1				70
	LAYING		воау	Accel	erome	eter	Jerk	NA	Mean	Y	72
	2398427138		_ ,				_ ,			_	
15	LAYING		_		erome	eter	Jerk	NA	Mean	Z	
	-0.0044392						_				
	LAYING		_	Accel	erome	eter	Jerk	NA	SD	X	
72	-0.9817393										
15	LAYING		_	Accel	erome	eter	Jerk	NA	SD	Y	
72	-0.970921										
15	LAYING		Body	Accel	erome	eter	Jerk	NA	SD	Z	
72	-0.9784029	956527	778								
15	LAYING	Time	Body	Accel	erome	eter	Jerk	Magni	tude	Mean	NA
72	-0.9798902	228194	444								
15	LAYING	Time	Body	Accel	erome	eter	Jerk	Magni	tude	SD	NA
72	-0.973644	462777	778								
15	LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	X
72	-0.171993	0545		_							
15	LAYING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	Y
72	0.8992425			-							
15	LAYING			tv	Accel	erome	eter	NA	NA	Mean	Z
72	-0.0369192			4							
15	LAYING			t.v	Accel	erome	eter	NA	NA	SD	X
72	-0.961509			-1							
15	LAYING			tv	Accel	erome	ter	NA	NA	SD	Y
72	-0.9860363			. CJ	110001	or onic		1111	1111	55	-
15	LAYING			+ 17	Accel	.erome	ter	NA	NA	SD	Z
72	-0.9507103			. C y	110001	CIOMC	CCI	1421	11/21	DD	_
15	LAYING		Gravi	+37	Accel	.erome	+or	NA	Magni	tude	Moan
NA		553406		-	ACCEI	.CI Onic	CCI	IVA	nagiii	cude	Hean
15	LAYING				7.0001	erome	tor	NA	Magni	tude	GD.
NA		433141		4	ACCEI	.erome	CEI	IVA	Magiii	Luue	שט
15	LAYING			Gyros	aono	NT 70	NA	Moan	v		
		Freq		GYLOS	соре	NA	IVA	Mean	Λ		
72 15	-0.955413!			<b>G</b>		377	377	M	37		
15	LAYING	Freq		Gyros	cope	NA	NA	Mean	Y		
72	-0.9643108			<b>a</b>					_		
15	LAYING	Freq		Gyros	cope	NA	NA	Mean	Z		
72	-0.9581900			_							
15	LAYING	Freq		Gyros	cope	NA	NA	SD	X		
72	-0.958224										
15	LAYING	Freq		Gyros	cope	NA	NA	SD	Y		
72	-0.9599919	907083									
15	LAYING	Freq		Gyros	cope	NA	NA	SD	$\mathbf{Z}$		
72	-0.9600158	331111	.111								
15	LAYING	Freq	NA	Gyros	cope	NA	Magni	tude	Mean	NA	
72	-0.946812	542361	.111								
15	LAYING	Freq	NA	Gyros	cope	NA	Magni	tude	SD	NA	

```
72
     -0.923682244861111
15
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
               Freq NA
72
     -0.975727853888889
15
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
72
     -0.972645710694444
15
               Freq Body Accelerometer
     LAYING
                                          NA
                                                NA
                                                     Mean X
72
     -0.974016176527778
15
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
72
     -0.962461124305556
15
     LAYING
               Freq Body Accelerometer
                                                NA
                                                     Mean Z
                                          NA
72
     -0.95156594625
15
     LAYING
               Freq Body Accelerometer
                                                     SD
                                                          Х
                                          NA
                                                NA
72
     -0.971718824583333
15
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Υ
72
     -0.964590430138889
15
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          \mathbf{Z}
72
     -0.923923991944444
15
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
72
     -0.956001034027778
15
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
72
     -0.94550856
15
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
72
     -0.981329999027778
               Freq Body Accelerometer
15
     LAYING
                                          Jerk NA
                                                     Mean Y
72
     -0.970833221666667
               Freq Body Accelerometer
15
     LAYING
                                          Jerk NA
                                                     Mean Z
72
     -0.97477568375
15
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
72
     -0.983949290694444
15
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     SD
                                                          Y
72
     -0.973215319722222
15
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     SD
                                                          Z
72
     -0.980745097361111
               Freq Body Accelerometer
15
     LAYING
                                          Jerk Magnitude Mean NA
72
     -0.973681222777778
15
               Freq Body Accelerometer
     LAYING
                                          Jerk Magnitude SD
                                                                NA
72
     -0.972530077916667
15
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
59
     -0.0377111130338983
15
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
59
     -0.0803428762830509
15
     SITTING
               Time NA
                          Gyroscope NA
                                                Mean Z
                                                          59
                                          NA
0.0951978083898305
                          Gyroscope NA
15
     STTTTNG
               Time NA
                                          NA
                                                SD
                                                     X
59
     -0.988204115254237
15
     SITTING
                                                     Y
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
59
     -0.975321519491525
```

15	SITTING			Gyroscope	NA	NA	SD	Z		
59 15	-0.9637658 SITTING	30288135 Time NA		Curagana	NT 7\	Magn	:+::40	Moan	NT 7\	
59	-0.957331			Gyroscope	NA	Magii.	itude	Mean	NA	
15	SITTING			Gyroscope	NA	Magn	itude	SD	NA	
59	-0.9634750			dyrobcope	1121	magii.	Lcuuc	DD	11/21	
15	SITTING			Gyroscope	Jerk	NA	Mean	Х		
59	-0.0953649			1						
15	SITTING	Time NA		Gyroscope	Jerk	NA	Mean	Y		
59	-0.0396068	87745576	27							
15	SITTING	Time NA		Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
59	-0.0524148	33419830	51							
15	SITTING	Time NA		Gyroscope	Jerk	NA	SD	X		
59	-0.9928890	04271186	4							
15	SITTING	Time NA		Gyroscope	Jerk	NA	SD	Y		
59	-0.9903133	30796610	2							
15	SITTING	Time NA		Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
59	-0.9879372	20254237	3							
15	SITTING	Time NA		Gyroscope	Jerk	Magn	itude	Mean	NA	
59	-0.9921888	89389830	5							
15	SITTING	Time NA		Gyroscope	Jerk	Magn	itude	SD	NA	
59	-0.989720	04949152	5							
15	SITTING	Time Boo	dy	Accelerome	eter	NA	NA	Mean	X	59
0.272	2903379796	61								
15	SITTING	Time Boo	dy	Accelerome	eter	NA	NA	Mean	Y	
59	-0.0117188	84722711	86							
15	SITTING	Time Bo	dy	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
59	-0.1136612	25320339								
15	SITTING	Time Bo	dy	Accelerome	eter	NA	NA	SD	X	
59	-0.9870843	35610169	5							
15	SITTING	Time Bo	dy	Accelerome	eter	NA	NA	SD	Y	
59	-0.922407	16288135	6							
15	SITTING	Time Boo	dy	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
59	-0.9493380	02508474	6							
15	SITTING	Time Boo	dy	Accelerome	eter	NA	Magn	Ltude	Mean	NA
59	-0.9586698	83627118	6							
15	SITTING	Time Boo	dy	Accelerome	eter	NA	Magn	itude	SD	NA
59	-0.9379779	90559322								
15	SITTING	Time Boo	dy	Accelerome	eter	Jerk	NA	Mean	X	59
0.078	3479278864	4068								
15	SITTING	Time Boo	dy	Accelerome	eter	Jerk	NA	Mean	Y	
59	-0.0089843	37589491	525	5						
15	SITTING	Time Boo	dy	Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
59	-0.0023720	07545345	763	3						
15			_	Accelerome	eter	Jerk	NA	SD	X	
59	-0.9881623	33389830	5							
15	SITTING	Time Boo	dy	Accelerome	eter	Jerk	NA	SD	Y	

```
59
     -0.978126998813559
15
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           \mathbf{Z}
59
     -0.987011024745763
15
     SITTING
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
59
     -0.986107839152542
15
                Time Body Accelerometer
     SITTING
                                           Jerk Magnitude SD
                                                                NA
59
     -0.984639018474576
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean X
59
     0.89036426220339
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Y
59
     0.210849305016949
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NΑ
                                                           Mean Z
59
     0.00281565980440678
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
59
     -0.982620883728814
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
59
     -0.943561411694915
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                7.
59
     -0.952973658983051
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.958669836271186
NA
     59
15
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
     59
NA
          -0.93797790559322
                                                Mean X
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
59
     -0.986152580338983
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Y
59
     -0.979201724745763
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Z
59
     -0.966731518305085
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Χ
59
     -0.988881930508475
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
59
     -0.973456092372881
                          Gyroscope NA
15
     SITTING
                Freq NA
                                           NA
                                                SD
                                                      \mathbf{Z}
59
     -0.966228648305085
15
     SITTING
                Freq NA
                          Gyroscope NA
                                           Magnitude Mean NA
59
     -0.973762179830509
15
     SITTING
                          Gyroscope NA
                                           Magnitude SD
                                                           NA
                Freq NA
59
     -0.963378228474576
15
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
59
     -0.990180959322034
15
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                           NA
59
     -0.989503941694915
                Freq Body Accelerometer
15
     SITTING
                                           NA
                                                NA
                                                     Mean X
59
     -0.986619609491525
15
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean Y
```

59

-0.938926430779661

```
15
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
59
     -0.963227004915254
15
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                         Χ
                                          NA
59
     -0.987384778983051
               Freq Body Accelerometer
15
     SITTING
                                          NA
                                               NA
                                                    SD
                                                         Y
59
     -0.919162700338983
15
     SITTING
               Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Z
59
     -0.945704713050847
15
               Freq Body Accelerometer
                                               Magnitude Mean NA
     SITTING
                                          NA
59
     -0.949752001322034
               Freq Body Accelerometer
15
     SITTING
                                               Magnitude SD
                                          NA
                                                               NA
59
     -0.941195938135593
15
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
59
     -0.988106102033898
15
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
59
     -0.978159013220339
               Freq Body Accelerometer
15
     SITTING
                                          Jerk NA
                                                    Mean Z
59
     -0.984908418474576
15
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
59
     -0.989314359661017
15
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Υ
59
     -0.979713045932203
15
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Z
     SITTING
59
     -0.987694113559322
15
               Freq Body Accelerometer
     SITTING
                                          Jerk Magnitude Mean NA
59
     -0.984689437118644
               Freq Body Accelerometer
                                          Jerk Magnitude SD
15
     SITTING
                                                               NA
59
     -0.983276251694915
15
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
53
     -0.0262433562254717
15
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
53
     -0.0659637517169811
15
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                         53
0.0761946738773585
15
               Time NA
                          Gyroscope NA
                                               SD
                                                    Х
     STANDING
                                          NA
53
     -0.947790802075472
15
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Υ
53
     -0.971332584339623
15
     STANDING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Z
53
     -0.968167046415094
15
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude Mean NA
53
     -0.946961381132076
15
     STANDING
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
53
     -0.931286778679245
15
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
53
     -0.101358786226415
15
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
```

53	-0.0438507492018868							
15	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Z		
53	-0.052278397190566	1 1						
15	STANDING Time NA	Gyroscope	Jerk	NA	SD	X		
53	-0.971514312075472							
15	STANDING Time NA	Gyroscope	Jerk	NA	SD	Y		
53	-0.988107413962264							
15	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
53	-0.981293117924528							
15	STANDING Time NA	Gyroscope	Jerk	Magni	Ltude	Mean	NA	
53	-0.984407077924528		_					
15	STANDING Time NA	Gyroscope	Jerk	Magni	Ltude	SD	NA	
53	-0.98143282754717	_						
15	<del>-</del>	Accelerome	eter	NA	NA	Mean	X	53
	8915803962264	7 1		377	377	26	77	
15	-	Accelerome	eter	NA	NA	Mean	Y	
53	-0.0183516360396226	7 ~ ~ ~ 1 ~ ~ ~ ~ ~	- <del>-</del>	3.7.73	3.7.73	Moon	<b>17</b>	
15 53	STANDING Time Body -0.105910832679245	Acceletome	eter	NA	NA	Mean	Z	
15		Accelerome	otor	NA	NA	SD	X	
53	-0.988949247358491	Acceletome	scer	IVA	IVA	עט	Λ	
15		Accelerome	eter	NA	NA	SD	Y	
53	-0.931900148301887	necescione	CCI	1121	1121	DD	-	
15		Accelerome	eter	NA	NA	SD	Z	
53	-0.951670257924528						_	
15		Accelerome	eter	NA	Magn	itude	Mean	NA
53	-0.961207616226415				,			
15	STANDING Time Body	Accelerome	eter	NA	Magn	itude	SD	NA
53	-0.948600432641509							
15	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	X	53
0.075	52280703207547							
15	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	Y	53
0.006	617255520183019							
15	<del>-</del>	Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
53	-0.0065873709347169							
15	STANDING Time Body	Accelerome	eter	Jerk	NA	SD	X	
53	-0.985459068490566	_		_				
15	_	Accelerome	eter	Jerk	NA	SD	Y	
53	-0.967720399622641			- 1		<b>a</b> 5	_	
15	<del>-</del>	Accelerome	eter	Jerk	NA	SD	Z	
53	-0.985301940754717	Aggolorom		Tords	Magn		Moon	NT 70
15 5.2	STANDING Time Body -0.981495125660377	Accelerome	eter	Jerk	magn.	itude	Mean	NA
53 15		Accelerome	a+or	Tork	Magn	itude	GD.	NA
53	-0.979994800566038	VCCETETOIII	- CCI	OGIK	riayii.	Luue	עט	11177
15	STANDING Time Grav	ity Acce	leroma	stor	NA	NA	Mean	Y
53	0.965528899622642	rey Acce.	ret Ollie	CCT	INU	INT	nean	Δ
55	0.703320033022042							

15	STANDING			ty	Accel	erome	eter	NA	NA	Mean	Y
53 15	-0.1647131 STANDING			+ 37	Accel	erome	tor	NA	NA	Mean	7
53	0.06459759			Сy	ACCEI	-er ome	CCI	IVA	IVA	Mean	Д
15	STANDING			tv	Accel	erome	eter	NA	NA	SD	Х
53	-0.9884320			4				-	-		
15	STANDING	Time G	ravi	ty	Accel	erome	eter	NA	NA	SD	Y
53	-0.9656879	783018	387	_							
15	STANDING	Time G	ravi	ty	Accel	erome	eter	NA	NA	SD	$\mathbf{Z}$
53	-0.9588101	1532075	547								
15	STANDING	Time G	Fravi	ty	Accel	erome	eter	NA	Magn	itude	Mean
NA		5120761									
15	STANDING	Time G		_	Accel	erome	eter	NA	Magn	Ltude	SD
NA		1860043									
15	STANDING	Freq N		Gyros	cope	NA	NA	Mean	X		
53	-0.9503802										
15	STANDING	-		Gyros	cope	NA	NA	Mean	Y		
53	-0.9751338			_					_		
15	STANDING	Freq N		Gyros	cope	NA	NA	Mean	Z		
53	-0.9682648			_				~-			
15	STANDING	-		Gyros	cope	NA	NA	SD	X		
53	-0.9482752			<b>a</b>		377	377	an	**		
15	STANDING	Freq N		Gyros	cope	NA	NA	SD	Y		
53	-0.9694428			C		3.7.73	3.7.73	CD.	<b>17</b>		
15	STANDING	_		Gyros	cope	NA	NA	SD	Z		
53	-0.9712821			Crrro	aono	<b>3.T.7</b> 3	Magn	+d.	Moon	<b>3.T.7</b> 3	
15	STANDING -0.9567339	Freq N		Gyros	cope	NA	Magni	Ltude	Mean	NA	
53 15				Curoc	aono	NT 70	Magn	tude	CD	NT 7A	
53	STANDING -0.9288383	Freq N		GYLOS	cope	IVA	Magiii	Luue	עמ	NA	
15	STANDING			Curos	aono	Tork	Magni	+1140	Moan	NT 7A	
53	-0.9831880	_		Gylos	cope	DELK	Magni	Luue	Mean	IVA	
15	STANDING			Guros	cone	Tork	Magni	+1140	GD.	NA	
53	-0.9803297			GYLOS	соре	OCIK	Magin	Lcude	שט	IVA	
15	STANDING			Accel	erome	tor	NA	NA	Mean	v	
53	-0.9867249	_	_	ACCEI	-CI OIIIC	CCI	IVE	11/1	riean	Λ	
15	STANDING	Freq B		Accel	erome	ter	NA	NA	Mean	v	
53	-0.9433487	_	_	110001	CI OIIIC	CCI	1121	1121	ncun	-	
15	STANDING			Accel	erome	eter	NA	NA	Mean	7.	
53	-0.9654735	_	_	110001	or orne		-11-1		110411	_	
15	STANDING	Freq B		Accel	erome	eter	NA	NA	SD	Х	
53	-0.9900609	_	_								
15	STANDING			Accel	erome	eter	NA	NA	SD	Y	
53	-0.9302864	_	_								
15	STANDING			Accel	erome	eter	NA	NA	SD	$\mathbf{Z}$	
53	-0.9479059	_	_								
15	STANDING	Freq B	Body	Accel	erome	eter	NA	Magni	itude	Mean	NA

53	-0.960337344339623							
15	STANDING Freq Body	Accelerome	eter	NA	Magn	itude	SD	NA
53	-0.950204045849057				,			
15	STANDING Freq Body	Accelerome	eter	Jerk	NA	Mean	X	
53	-0.985353492641509							
15	STANDING Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
53	-0.967884709433962			_ ,			_	
15	STANDING Freq Body -0.982632302830189	Accelerome	eter	Jerk	NA	Mean	Z	
53 15	STANDING Freq Body	Aggoloroma	otor	Jerk	NT 7A	SD	Х	
53	-0.986934133584906	Acceletome	sce1	DELY	IVA	שט	Λ	
15	STANDING Freq Body	Accelerome	eter	Jerk	NA	SD	Y	
53	-0.969934103584906							
15	STANDING Freq Body	Accelerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
53	-0.986654459433962							
15	STANDING Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
53	-0.979078785660377	_		_				
15	STANDING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
53	-0.980184086603774	G	377	377	M	37		
15 54	WALKING Time NA -0.0554883847662963	Gyroscope	NA	NA	Mean	Х		
15	WALKING Time NA	Gyroscope	NΔ	NA	Mean	v		
54	-0.06124278833	буговсоре	IVA	IVA	nean	1		
15	WALKING Time NA	Gyroscope	NA	NA	Mean	Z	54	
	42484921022222	2 1						
15	WALKING Time NA	Gyroscope	NA	NA	SD	X		
54	-0.329624620185185							
15	WALKING Time NA	Gyroscope	NA	NA	SD	Y		
54	-0.420865007777778	_						
15	WALKING Time NA	Gyroscope	NA	NA	SD	Z		
54 15	-0.48653265537037 WALKING Time NA	Curoggono	NT 7N	Magn	+do	Moan	NT 70	
15 54	WALKING Time NA -0.243711124444444	Gyroscope	NA	Magii.	itude	Mean	NA	
15	WALKING Time NA	Gyroscope	NΑ	Magn	i tude	SD	NA	
54	-0.425798469148148	c/10200pc	-11-1	1100 9111	Loudo	22	-11-1	
15	WALKING Time NA	Gyroscope	Jerk	NA	Mean	X		
54	-0.0776692754648148							
15	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Y		
54	-0.0552536572125926							
15	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Z		
54	-0.0510976492333333	<b>G</b>	<b>1</b> -	373	an	***		
15 5 4	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
54 15	-0.283767987222222 WALKING Time NA	Gyroscope	Jerk	NΔ	SD	Y		
54	-0.702402935925926	cliopcobe	CIN	747.7	שט	_		
15	WALKING Time NA	Gyroscope	Jerk	NA	SD	Z		
54	-0.591668608148148							

15	WALKING		_	coscope	Jerk	Magni	itude	Mean	NA	
54 15	-0.543979 WALKING	Time NA		oscope	Jerk	Magni	Ltude	SD	NA	
54 15	-0.637785 WALKING		dy Acc	celerome	eter	NA	NA	Mean	X	54
0.27	3899207962		-							
15	WALKING	Time Bo	_	celerome	eter	NA	NA	Mean	Y	
54 15	-0.017080 WALKING			celerome	eter	NA	NA	Mean	Z	
54	-0.107621	81951851	9							
15	WALKING	Time Bo	dy Acc	celerome	eter	NA	NA	SD	X	
54	-0.327961									
15	WALKING	Time Bo	dy Acc	celerome	eter	NA	NA	SD	Y	54
0.13	8912923691		-							
15	WALKING		dv Acc	celerome	eter	NA	NA	SD	Z	
54	-0.518932		_							
15	WALKING			relerome	tor	NA	Magni	i + 11de	Mean	NΙΔ
54	-0.186514			CICIONC	CCI	147.7	nagin	Lcuuc	ricuii	147.1
15				an la mama	+-~	NT 70	Magn	+	CD	NT 70
	WALKING			етегоше	ecer	NA	Magn	Ltude	עפ	NA
54	-0.323878			,		<b>-</b> 1				- 4
15	WALKING		ау Асс	cererome	eter	Jerk	NA	Mean	Х	54
	9777072166		_	_		_				
15	WALKING		dy Acc	celerome	eter	Jerk	NA	Mean	Y	54
	8905885635									
15	WALKING		dy Acc	celerome	eter	Jerk	NA	Mean	Z	54
0.00	0658706162	574074								
15	WALKING	Time Bo	dy Acc	celerome	eter	Jerk	NA	SD	X	
54	-0.373217	585								
15	WALKING	Time Bo	dy Acc	celerome	eter	Jerk	NA	SD	Y	
54	-0.031926	54673870	37							
15	WALKING	Time Bo	dy Acc	celerome	eter	Jerk	NA	SD	Z	
54	-0.686268	42055555	6							
15	WALKING	Time Bo	dy Acc	celerome	eter	Jerk	Magni	itude	Mean	NA
54	-0.320129		_				_			
15	WALKING	Time Bo	dv Acc	celerome	eter	Jerk	Magni	itude	SD	NA
54	-0.310071		-				5			
15	WALKING			Accel	erome	eter	NA	NA	Mean	x
54	0.9515243		avicj	110001	or one	2001	1111	1111	ncan	
15	WALKING		avi+v	Accel	arome	atar	NA	NA	Mean	v
54	-0.233918		_	Accel	.eronie	e ce i	IVA	IVA	Mean	1
15	WALKING			Accel	0.200		<b>NT 7</b> 0	<b>NT 7</b> 0	Moon	7
			_	Accel	erome	erer	NA	NA	Mean	Z
54	0.0757356			<b>3</b> 3			377	377	an	.,
15	WALKING		_	Accel	erome	eter	NA	NA	SD	X
54	-0.978397								a D	
15	WALKING		_	Accel	erome	eter	NA	NA	SD	Y
54	-0.971056									
15	WALKING	Time Gr	avity	Accel	erome	eter	NA	NA	SD	Z

```
-0.95805876537037
54
15
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.186514650759259
NA
     54
15
     WALKING
                Time Gravity
                                                NA
                                                     Magnitude SD
                                Accelerometer
     54
          -0.323878324074074
NA
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
54
     -0.253399360296296
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
54
     -0.535422096111111
15
     WALKING
                          Gyroscope NA
                                                Mean Z
                Freq NA
                                          NA
54
     -0.461464065555556
15
     WALKING
                          Gyroscope NA
                                                SD
                                                     Х
                Freq NA
                                          NA
54
     -0.357633378703704
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
     -0.365361208555556
54
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
54
     -0.543997593703704
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
54
     -0.489166383703704
15
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
54
     -0.481750218518519
15
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
54
     -0.645075178148148
15
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
54
     -0.654010147222222
15
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
54
     -0.31744092037037
                Freq Body Accelerometer
15
     WALKING
                                          NA
                                                NA
                                                     Mean Y
                                                                54
0.111321097159074
15
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
54
     -0.554942138148148
                Freq Body Accelerometer
15
     WALKING
                                          NA
                                                NA
                                                     SD
                                                          Х
54
     -0.332520626851852
15
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                           Y
                                                                54
0.0805646237194445
15
                                                     SD
                                                           Z
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
54
     -0.537026414814815
15
     WALKING
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
54
     -0.275156242062037
15
     WALKING
                Freq Body Accelerometer
                                                Magnitude SD
                                          NA
                                                                NA
54
     -0.458344792407407
15
                Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                     Mean X
54
     -0.39082198537037
15
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
54
     -0.0669378062222222
15
                Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                     Mean Z
     -0.648905254074074
54
```

15 54	WALKING Freq Body -0.411500068148148	Accel	erome	ter	Jerk	NA	SD	X	
15	WALKING Freq Body	Accel	erome	ter	Jerk	NA	SD	Y	
54	-0.0606839140548148								
15	WALKING Freq Body	Accel	erome	ter	Jerk	NA	SD	Z	
54	-0.723051140740741								
15	WALKING Freq Body	Accel	erome	ter	Jerk	Magni	tude	Mean	NA
54	-0.289753952407407								
15	WALKING Freq Body	Accel	erome	ter	Jerk	Magni	tude	SD	NA
54	-0.342411927851852								
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	NA	NA	Mean	X
42	-0.136618653071429			_					
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	NA	NA	Mean	Y
42	-0.0346755727619048			~					_
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	NA	NA	Mean	Z
42	0.0711758197607143	m	373	<b>G</b>		377	37.7	a D	77
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	NA	NA	SD	X
42	-0.318692525928571	mi ma	<b>3.7.7</b>	C	. ~ ~ ~ ~	3.7.73	NT 70	CD	37
15 42	WALKING_DOWNSTAIRS -0.37320816	Time	NA	Gyros	cope	NA	NA	SD	Y
15	WALKING DOWNSTAIRS	Time	NT 7\	Curos	cope	NT 7\	NA	SD	Z
42	-0.250648085714286	TIME	IVA	Gylos	cope	IVA	IVA	עכ	L
15	WALKING DOWNSTAIRS	Time	NΔ	Gyros	cope	NΙΔ	Magni	+11140	Mean
NA	42 <b>-0.</b> 121686320740		1421	dyros	сорс	1471	nagin	cuuc	neun
15	WALKING DOWNSTAIRS	Time	NA	Gyros	cope	NA	Magni	tude	SD
NA	42 -0.284249712071		_,	-1	- C-F-		9		
15	WALKING DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	Mean	Х
42	-0.0482532079928571			4	-				
15	WALKING DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	Mean	Y
42	-0.0495415503071429			_	_				
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	Mean	Z
42	-0.0339213064857143								
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	SD	X
42	-0.455980756428571								
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	SD	Y
42	-0.574964116428571								
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	NA	SD	Z
42	-0.394542240714286	_					_		
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	Magni	tude	Mean
NA	42 -0.509466648095			~		_ ,			<b>~</b> =
15	WALKING_DOWNSTAIRS	Time	NA	Gyros	cope	Jerk	Magni	tude	SD
NA	42 <b>-0.</b> 563640131190		D1	<b>3 3</b>			373	373	26
15 V	WALKING_DOWNSTAIRS		Body	Accel	erome	eter	NA	NA	Mean
X 15	42 0.2801988511904		Pod.	70001	oromo	+02	NT 7	NT 7\	Moan
15 Y	WALKING_DOWNSTAIRS 42 -0.005630478043		Body	Accel	erone	cer	NA	NA	Mean
1 15	WALKING DOWNSTAIRS			∆cc≏1	erome	tor.	NA	NA	Mean
10	WITHITHO DOMINGIATES	TTILE	ъочу	1300EI	.er One	CCI	7.17.7	1117.7	ricuii

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42
          -0.110526066428571
\mathbf{z}
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Х
     42
          0.406471051190476
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
          0.186532377428571
Y
     42
     WALKING DOWNSTAIRS
15
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Z
          -0.281982181666667
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          Magnitude
                0.320449387166667
Mean NA
          42
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
          42
                0.353204008095238
     NA
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Χ
     42
          0.0711457160166667
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          0.01511589985
     42
15
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.0100212901547619
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          0.134593836190476
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
     42
          0.0158059210738095
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.404005582309524
     42
15
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
                -0.0372666071540476
Mean NA
          42
     WALKING DOWNSTAIRS Time Body Accelerometer
15
                                                    Jerk Magnitude
SD
                0.159631710516667
15
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean X
          42
                0.932302200476191
15
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
                -0.167462317142857
Mean Y
          42
                          Time Gravity
     WALKING DOWNSTAIRS
                                          Accelerometer
                                                         NA
                                                               NA
Mean Z
          42
                0.0788822410992857
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
15
                                                         NA
                                                               NA
                -0.942806478333333
SD
          42
15
                          Time Gravity
     WALKING DOWNSTAIRS
                                          Accelerometer
                                                         NA
                                                               NA
                -0.925685893571429
SD
          42
15
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          42
                -0.93400831
15
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
                                                         NA
                          0.320449387166667
Magnitude Mean NA
                     42
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          0.353204008095238
Magnitude SD
                     42
               NA
15
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                         Mean X
42
     -0.22735956545
15
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                    NA
                                                         Mean Y
     -0.402332301666667
42
```

15	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
42 15	-0.18319480152381 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Х
42 15	-0.351630000285714 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
42 15	-0.360972848571429 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
42 15	-0.3436733 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magni	itude	Mean
NA 15	42 -0.373898631190 WALKING DOWNSTAIRS		NA	Gyroscope	NA	Magni	itude	SD
NA 15	42 -0.349387206023 WALKING DOWNSTAIRS	381 Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA 15	42 -0.565396130714 WALKING DOWNSTAIRS	4286		Gyroscope		_		
NA	42 -0.59347244428	5714				_		
15 X	WALKING_DOWNSTAIRS 42 0.2353098255470	619	_	Accelerome		NA	NA	Mean
15 Y	WALKING_DOWNSTAIRS 42 0.1675180999642	_	Body	Accelerome	eter	NA	NA	Mean
15 Z	WALKING_DOWNSTAIRS 42 -0.25981220454	_	Body	Accelerome	eter	NA	NA	Mean
15 X	WALKING_DOWNSTAIRS 42 0.466325681428	Freq	Body	Accelerome	eter	NA	NA	SD
15	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y 15	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Z 15	42 -0.357407559285 WALKING_DOWNSTAIRS	Freq	_	Accelerome	eter	NA	Magn	itude
Mean 15	NA 42 0.33115022 WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
SD 15	NA 42 0.1531241 WALKING_DOWNSTAIRS			Accelerome	eter	Jerk	NA	Mean
X 15	42 0.0619687485333 WALKING DOWNSTAIRS	3333				Jerk		Mean
Y 15	42 -0.026976941522 WALKING DOWNSTAIRS	14286	_					
$\mathbf{Z}$	42 -0.345376541263	1905	_	Accelerome		Jerk		Mean
15 X	WALKING_DOWNSTAIRS 42 0.1080627405470	_	Body	Accelerome	eter	Jerk	NA	SD
15 Y	WALKING_DOWNSTAIRS 42 -0.007228602411	_	_	Accelerome	eter	Jerk	NA	SD
15 Z	WALKING_DOWNSTAIRS 42 -0.461599141904	_	Body	Accelerome	eter	Jerk	NA	SD
15 Mean	WALKING_DOWNSTAIRS	Freq	_	Accelerome	eter	Jerk	Magn	itude
15	WALKING_DOWNSTAIRS			Accelerome	eter	Jerk	Magn	itude

SD	NA 42 0.15050775	506						
15	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
48	0.0903340029875	1 11110	1411	Cyroboope	1421	1411	iicaii	21
15	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
48	-0.154721289270833			_				
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
48	0.0911681484547917							
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
48	-0.415251317916667			_			~-	
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
48 15	-0.3302332351 WALKING UPSTAIRS	Time	NT 7N	Gyroscope	NT 7N	NA	SD	Z
48	-0.477365945208333	TIME	IVA	Gyroscope	IVA	IVA	עמ	ப
15	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	48 -0.201217274	11110	-11-1	Cyrosope	-11-1	1149111	20440	man
15	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	48 -0.288429008639	9583						
15	WALKING_UPSTAIRS	Time	NA	${\tt Gyroscope}$	Jerk	NA	Mean	X
48	-0.144485986527083	_						
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
48	-0.0365419164020833	m.:	377	<b>C</b>	T1-	37.7	M	
15 48	WALKING_UPSTAIRS -0.0767242496041667	Time	NA	Gyroscope	Jerk	NA	Mean	Z
15	WALKING UPSTAIRS	Time	NΑ	Gyroscope	Jerk	NΑ	SD	х
48	-0.525533949791667	TIME	1421	Суговсорс	OCIA	1421	OD.	21
15	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
48	-0.763053512083333							
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$
48	-0.657907649166667							
15	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA 1.	48 -0.663637117708		373	<b>Q</b>	T1-	36		an.
15 NA	WALKING_UPSTAIRS 48 -0.748954848541	Time	NA	Gyroscope	Jerk	Magn	ıtude	SD
NA 15	WALKING UPSTAIRS		Body	Accelerome	ster	NA	NA	Mean
X	48 0.2701875958333		Боау	neceiciónic	CCI	1421	1421	ricuii
15	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	48 -0.028752386070		_					
15	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
$\mathbf{Z}$	48 -0.116952464895							
15	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	48 -0.026097184027		_ ,					~-
15	WALKING_UPSTAIRS		_	Accelerome	eter	NA	NA	SD
Y 15	48 -0.004065360435 WALKING UPSTAIRS			Accelerome	ator	NA	NA	SD
Z	48 <b>-0.</b> 379717488104		ьоиу	VCCETETOIL	CET	W	W	שט
15	WALKING UPSTAIRS		Bodv	Accelerome	eter	NA	Magn	itude
	NA 48 -0.0009713		_		<b>-</b>	· ·=	9	

15	WALKING_UPSTAIRS			Accel	erome	eter	NA	Magn	itude
SD 15	NA 48 -0.136552 WALKING_UPSTAIRS	Time		Accel	erome	eter	Jerk	NA	Mean
X 15	48 0.072972432981 WALKING_UPSTAIRS		Body	Accel	erome	eter	Jerk	NA	Mean
Y 15	48 -0.00417361847 WALKING_UPSTAIRS			Accel	erome	eter	Jerk	NA	Mean
Z 15	48 -0.00525879898 WALKING UPSTAIRS	95833	3				Jerk		SD
X	48 -0.18694466454	1667	_						עמ
15 Y	WALKING_UPSTAIRS 48 -0.31186135687		Body	Accel	erome	eter	Jerk	NA	SD
15	WALKING_UPSTAIRS	Time	Body	Accel	erome	eter	Jerk	NA	SD
Z 15	48 -0.74880945416 WALKING_UPSTAIRS	Time	_	Accel	erome	eter	Jerk	Magn	itude
Mean 15	NA 48 -0.316050 WALKING UPSTAIRS			Accel	erome	eter	Jerk	Magn	itude
SD	NA 48 -0.313363	55312	5						
15 Mean		12291	667	_				NA	NA
15 Mean	WALKING_UPSTAIRS Y 48 -0.314961		Grav	ity	Acce:	Lerome	eter	NA	NA
15	WALKING_UPSTAIRS	Time	Grav	ity	Acce	Lerome	eter	NA	NA
Mean 15	<del>_</del>	Time		ity	Acce	Lerome	eter	NA	NA
SD 15	X 48 -0.952562 WALKING UPSTAIRS			ity	Acce	Lerome	eter	NA	NA
SD	Y 48 -0.927648 WALKING UPSTAIRS	82145	8333	_				NA	NA
SD	z 48 -0.921618	47875		_				IVA	NA
15 Magn	WALKING_UPSTAIRS itude Mean NA 48						eter	NA	
	WALKING_UPSTAIRS						eter	NA	
	itude SD NA 48			217494					
15 48	WALKING_UPSTAIRS -0.361096856875	Freq	NA	Gyros	cope	NA	NA	Mean	X
15	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
48 15	-0.517025245833333 WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Z
48	-0.485701745833333	_		_					
15 48	WALKING_UPSTAIRS -0.4372253275	Freq	NA	Gyros	scope	NA	NA	SD	X
15	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
48	-0.243612269004167	Ero~	<b>NT 7</b>	Curco	10000	<b>NT 7</b>	NT 7A	CD.	7
15 48	WALKING_UPSTAIRS -0.523744300833333	Freq	INA	Gyros	cope	IVA	NA	SD	Z
15	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	Magn	itude	Mean

```
NA
     48
          -0.45369356625
15
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    Magnitude SD
          -0.308585869854167
NA
     48
15
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude Mean
          -0.731422357916667
NA
15
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.793104483333333
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Х
          -0.0746328434375
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
          -0.1019354328
     48
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Z
     48
          -0.5395910825
                          Freq Body Accelerometer
15
     WALKING UPSTAIRS
                                                    NA
                                                          NA
                                                               SD
Х
          -0.00838243761666667
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Y
          -0.0191328333041667
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Z
          -0.349600353270833
     WALKING UPSTAIRS
15
                          Freq Body Accelerometer
                                                    NA
                                                          Magnitude
               -0.165242147958333
Mean NA
          48
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          Magnitude
SD
          48
               -0.255659340833333
     NA
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.2370530733125
Х
     48
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          -0.338102216666667
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.714554172708333
Z
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
X
          -0.207231605488542
     48
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
     48
          -0.330391429583333
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.783004506458333
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
               -0.261956679958333
Mean NA
          48
15
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
          48
               -0.391313399375
16
                          Gyroscope NA
     LAYING
               Time NA
                                          NA
                                               Mean X
70
     -0.0161545406857143
16
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
     -0.113675060885714
70
                                                          70
16
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
0.0966210349428571
16
                                                    Х
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
70
     -0.977010769857143
```

16 LAYING Time NA Gyroscope NA NA SD Y	
70 -0.970747514 16 LAYING Time NA Gyroscope NA NA SD Z	
70 -0.984781484857143 16 LAYING Time NA Gyroscope NA Magnitude Mean NA	
70 -0.951777099571429 16 LAYING Time NA Gyroscope NA Magnitude SD NA	
70 -0.959020036285714	
70 -0.1022095722	
16 LAYING Time NA Gyroscope Jerk NA Mean Y 70 -0.0347735325871429	
16 LAYING Time NA Gyroscope Jerk NA Mean Z 70 -0.0576790435142857	
16 LAYING Time NA Gyroscope Jerk NA SD X	
70 -0.985835459428571 16 LAYING Time NA Gyroscope Jerk NA SD Y	
70 -0.989046576 16 LAYING Time NA Gyroscope Jerk NA SD Z	
70 -0.994465157714286 16 LAYING Time NA Gyroscope Jerk Magnitude Mean NA	
70 -0.990839526285714	
16 LAYING Time NA Gyroscope Jerk Magnitude SD NA 70 -0.988212425428571	
16 LAYING Time Body Accelerometer NA NA Mean X 70 0.274227162571429	
16 LAYING Time Body Accelerometer NA NA Mean Y 70 -0.0166103510562857	
16 LAYING Time Body Accelerometer NA NA Mean Z	
70 -0.107310493242857 16 LAYING Time Body Accelerometer NA NA SD X	
70 -0.973691429428571 16 LAYING Time Body Accelerometer NA NA SD Y	
70 -0.943061150285714 16 LAYING Time Body Accelerometer NA NA SD Z	
70 -0.965490276285714	
16 LAYING Time Body Accelerometer NA Magnitude Mean NA 70 -0.961834634857143	
16 LAYING Time Body Accelerometer NA Magnitude SD NA 70 -0.957895927714286	
16 LAYING Time Body Accelerometer Jerk NA Mean X 70 0.0783960268571429	
16 LAYING Time Body Accelerometer Jerk NA Mean Y 70	
0.0132805054325714 16 LAYING Time Body Accelerometer Jerk NA Mean Z	
70 -0.00154105089764286 16 LAYING Time Body Accelerometer Jerk NA SD X	

```
70
     -0.988416723857143
16
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                          Y
     LAYING
70
     -0.984867286857143
16
     LAYING
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Z
     -0.987644127
70
16
     LAYING
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
70
     -0.988349656571429
16
     LAYING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
70
     -0.987891003571429
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean X
70
     -0.206783742242857
16
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
     LAYING
70
     -0.0199270225714286
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
70
     0.893884468571429
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
70
     -0.963761977857143
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Υ
70
     -0.966087103857143
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                \mathbf{Z}
70
     -0.967886002
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     70
          -0.961834634857143
16
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
     70
          -0.957895927714286
NA
16
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean X
70
     -0.975892407428571
16
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
70
     -0.976092920571429
16
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Z
70
     -0.985957788
16
     LAYING
               Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
70
     -0.977509583571429
                          Gyroscope NA
16
     LAYING
                Freq NA
                                           NA
                                                SD
                                                     Y
70
     -0.968135251857143
16
                                                     Z
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
70
     -0.985730995857143
16
     LAYING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
70
     -0.970249638857143
16
                          Gyroscope NA
                                          Magnitude SD
     LAYING
                Freq NA
                                                          NA
70
     -0.958975084
16
     LAYING
                          Gyroscope Jerk Magnitude Mean NA
                Freq NA
70
     -0.988695277714286
                          Gyroscope Jerk Magnitude SD
16
     LAYING
                                                          NA
                Freq NA
70
     -0.988058401142857
16
                Freq Body Accelerometer
     LAYING
                                          NΑ
                                                NA
                                                     Mean X
```

70

-0.980213187428571

```
Freq Body Accelerometer
16
     LAYING
                                          NA
                                               NA
                                                     Mean Y
70
     -0.963635575142857
16
               Freq Body Accelerometer
                                          NA
                                               NΑ
                                                     Mean 7
     LAYING
70
     -0.974580069142857
               Freq Body Accelerometer
16
     LAYING
                                          NA
                                               NA
                                                     SD
                                                          Х
70
     -0.971409075142857
16
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
     LAYING
70
     -0.937083636714286
16
               Freq Body Accelerometer
                                                     SD
                                                          \mathbf{Z}
     LAYING
                                          NA
                                               NA
70
     -0.962524372714286
16
               Freq Body Accelerometer
                                               Magnitude Mean NA
     LAYING
                                          NA
70
     -0.968020521285714
16
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                                NA
70
     -0.958111895857143
                                          Jerk NA
16
               Freq Body Accelerometer
     LAYING
                                                     Mean X
70
     -0.988580046285714
16
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
     LAYING
70
     -0.984752927142857
16
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
70
     -0.985544945285714
16
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
70
     -0.989287359142857
16
               Freq Body Accelerometer
                                          Jerk NA
                                                          Υ
     LAYING
                                                     SD
70
     -0.986215013
                                                          Z
16
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
70
     -0.988348904571429
16
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
70
     -0.987514525142857
               Freq Body Accelerometer
                                          Jerk Magnitude SD
16
     LAYING
                                                               NA
70
     -0.98724716
16
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
69
     -0.0412014042275362
16
     SITTING
               Time NA
                          Gyroscope NA
                                               Mean Y
                                          NA
69
     -0.0574525433043478
                                               Mean Z
                                                          69
16
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
0.0795736310463768
16
                          Gyroscope NA
     SITTING
               Time NA
                                          NA
                                               SD
                                                     Х
69
     -0.981037373333333
16
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
69
     -0.958336595507246
16
     SITTING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
               Time NA
69
     -0.960287831304348
16
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
69
     -0.946417382463768
16
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
69
     -0.937942404637681
16
     SITTING
               Time NA
                          Gyroscope Jerk NA
```

```
69
     -0.0957204520289855
16
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
69
     -0.0450369280637681
16
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
69
     -0.0588371273536232
16
                          Gyroscope Jerk NA
                                                    Х
     SITTING
               Time NA
                                               SD
69
     -0.98958327942029
16
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Υ
69
     -0.990621793333333
16
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Z
69
     -0.988364321449275
16
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
69
     -0.992444606231884
16
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
69
     -0.988261252608696
16
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
                                                               69
0.280768574492754
               Time Body Accelerometer
16
     SITTING
                                          NA
                                               NA
                                                    Mean Y
69
     -0.0102497939956522
16
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
69
     -0.0891404038405797
16
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
69
     -0.986825605362319
               Time Body Accelerometer
16
     SITTING
                                          NA
                                               NA
                                                    SD
                                                          Y
69
     -0.951607872463768
16
                                                    SD
                                                          Z
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
69
     -0.939672247101449
16
     SITTING
               Time Body Accelerometer
                                          NA
                                               Magnitude Mean NA
69
     -0.961879680724638
               Time Body Accelerometer
16
     SITTING
                                          NA
                                               Magnitude SD
                                                               NA
69
     -0.941051236086957
               Time Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean X
                                                               69
0.0734346720289855
               Time Body Accelerometer
16
     SITTING
                                          Jerk NA
                                                    Mean Y
                                                               69
0.00985642890855072
16
               Time Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean Z
69
     -0.0115030575052174
               Time Body Accelerometer
16
     SITTING
                                          Jerk NA
                                                    SD
                                                          Х
69
     -0.990861134782609
16
               Time Body Accelerometer
                                                          Y
     SITTING
                                          Jerk NA
                                                    SD
69
     -0.981800970724638
16
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
69
     -0.983487212898551
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
16
     SITTING
69
     -0.987472699130435
16
     SITTING
               Time Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
69
     -0.983615334057971
```

16 69	SITTING Time Grave 0.942457377971014	ity	Accel	Lerome	eter	NA	NA	Mean	X
16	SITTING Time Grave	ity	Accel	Lerome	eter	NA	NA	Mean	Y
69 16	-0.086588253942029 SITTING Time Grave	ity	Accel	Lerome	eter	NA	NA	Mean	Z
69 16	0.0892682200463768 SITTING Time Grave	ity	Accel	Lerome	eter	NA	NA	SD	X
69 16	-0.980158243333333 SITTING Time Grave	ity	Accel	Lerome	eter	NA	NA	SD	Y
69 16	-0.968023206956522 SITTING Time Grave	ity	Accel	Lerome	eter	NA	NA	SD	Z
69 16	-0.945813561478261 SITTING Time Grave	ity	Accel	Lerome	eter	NA	Magni	Ltude	Mean
NA 16	69 -0.961879680724 SITTING Time Grave		Accel	Lerome	eter	NA	Magni	tude	SD
NA 16	69 -0.941051236086 SITTING Freq NA	5957			NA	Mean	_		
69	-0.978632856956522	-	-						
16 69	SITTING Freq NA -0.96679600173913	-	scope		NA	Mean			
16 69	SITTING Freq NA -0.960058264057971	Gyros	scope	NA	NA	Mean	Z		
16 69	SITTING Freq NA -0.982057861449275	Gyros	scope	NA	NA	SD	X		
16 69	SITTING Freq NA -0.954343752463768	Gyros	scope	NA	NA	SD	Y		
16 69	SITTING Freq NA -0.964270052318841	Gyros	scope	NA	NA	SD	Z		
16	SITTING Freq NA	Gyros	scope	NA	Magni	tude	Mean	NA	
69 16	-0.954060994347826 SITTING Freq NA	Gyros	scope	NA	Magni	tude	SD	NA	
69 16	-0.938863215072464 SITTING Freq NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
69 16	-0.989363136376812 SITTING Freq NA	Gyros	scope	Jerk	Magni	tude	SD	NA	
69 16	-0.987506348985507 SITTING Freq Body	Accel	Lerome	eter	NA	NA	Mean	X	
69 16	-0.987043828985507 SITTING Freq Body	Accel	Lerome	eter	NA	NA	Mean	Y	
69 16	-0.961456685507246 SITTING Freq Body	Acce]	Lerome	eter	NA	NA	Mean	Z	
69 16	-0.959552230434783 SITTING Freq Body				NA	NA	SD	X	
69	-0.986892418405797								
16 69	SITTING Freq Body -0.949829260434783				NA	NA	SD	Y	
16	SITTING Freq Body	Acce]	Lerome	eter	NA	NA	SD	Z	

```
69
     -0.934652146521739
16
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
69
     -0.958335480724638
16
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
69
     -0.942588250115942
16
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean X
69
     -0.990964251304348
16
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
69
     -0.981752167391304
16
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
69
     -0.981178036811594
16
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
69
     -0.991567867681159
16
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Υ
69
     -0.983230774492754
16
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
69
     -0.984362469130435
16
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
69
     -0.983968635942029
16
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
69
     -0.982190554782609
16
     STANDING Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
78
     -0.0299337294166667
16
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
78
     -0.068667733
16
     STANDING
               Time NA
                                                          78
                          Gyroscope NA
                                          NA
                                               Mean Z
0.0867342708846154
               Time NA
16
     STANDING
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
     -0.973400107564103
78
16
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
78
     -0.980110277307692
16
               Time NA
     STANDING
                          Gyroscope NA
                                          NA
                                               SD
                                                    Z
78
     -0.982357006410256
16
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
78
     -0.972528178205128
16
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                         NA
78
     -0.964105768461539
16
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
78
     -0.100107332602564
16
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
78
     -0.0424982241410256
16
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
78
     -0.0544335294410256
16
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Χ
78
     -0.987102322692308
                                                    Υ
16
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
78
     -0.992589441153846
```

16	STANDING		Gyros	cope	Jerk	NA	SD	Z		
78 16	-0.9926985 STANDING	Time NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
78 16	-0.992848! STANDING		Gyros	scope	Jerk	Magni	tude	SD	NA	
78 16	-0.9908094 STANDING		_	_		NA	NA	Mean	Y	78
	3497402948'	-	necei	CLOIR	CCI	1421	1421	ricuii	Λ.	70
16	STANDING	Time Body	Accel	erome	eter	NA	NA	Mean	Y	
78 16		9672935897	7~~~1			<b>3.7.7</b>	<b>3.7.7</b>	Maan	<b>17</b>	
16 78	-0.103657	Time Body 729076923	Accel	erome	erer	NA	NA	Mean	Z	
16	STANDING		Accel	erome	eter	NA	NA	SD	X	
78	-0.9890768		_							
16 78	STANDING -0.9602982	Time Body	Acce]	erome	eter	NA	NA	SD	Y	
76 16		Time Body	Accel	erome	eter	NA	NA	SD	Z	
78	-0.9534689								_	
16	STANDING	_	Accel	erome	eter	NA	Magni	Ltude	Mean	NA
78 16	-0.9699488		7~~~1			<b>3.7.7</b>	Moan	٠	CD.	NT 70
16 78	-0.957294	Time Body 49448718	Accel	erome	eter	NA	Magni	Ltude	อบ	NA
16	STANDING	Time Body	Accel	erome	eter	Jerk	NA	Mean	Х	78
	3643890564									
16	STANDING	-	Accel	erome	eter	Jerk	NA	Mean	Y	78
16	20767950358 STANDING		Accel	erome	eter	Jerk	NΑ	Mean	7.	
78		10557910256		or onic		CCIN	1111	nean	_	
16	STANDING	-	Accel	erome	eter	Jerk	NA	SD	X	
78	-0.991026		<b>7</b> 7			T1-	373	an	77	
16 78	STANDING -0.9826219	-	Accel	erome	eter	Jerk	NA	SD	Y	
16		Time Body	Accel	erome	eter	Jerk	NA	SD	Z	
78	-0.9880738	825641026								
16		Time Body	Accel	erome	eter	Jerk	Magni	Ltude	Mean	NA
78 16	-0.9892052 STANDING	Time Body	Accel	arome	tor	Jork	Magni	+11da	GD.	NA
78	-0.986761	-	ACCE	CLOIN	CCI	OCIN	Magin	Lcude	סט	IVA
16	STANDING	Time Gravi	ity	Accel	Lerome	eter	NA	NA	Mean	X
78	0.9415877				ī					
16 78	STANDING -0.057886	Time Gravi	Lty	Accel	Lerome	eter	NA	NA	Mean	Y
16		Time Gravi	ity	Acce]	Lerome	eter	NA	NA	Mean	Z
78	-0.166737		-							
16	STANDING		ity	Acce]	Lerome	eter	NA	NA	SD	X
78 16	-0.9853590 STANDING		i + 37	Acce <sup>1</sup>	Lerome	tor	NA	NA	SD	Y
10	PITINITING	TIME GIAVI	гсу	Accel	reroug	FCET	TATA	INT	עפ	1

```
78
     -0.980552435769231
16
     STANDING Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              \mathbf{Z}
78
     -0.959562830769231
16
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
     78
          -0.969948825128205
NA
               Time Gravity
16
     STANDING
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
          -0.95729449448718
16
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean X
78
     -0.973157351666667
16
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Y
78
     -0.983594244615385
     STANDING Freq NA
16
                          Gyroscope NA
                                               Mean Z
                                         NA
78
     -0.98363927
     STANDING Freq NA
16
                          Gyroscope NA
                                         NA
                                               SD
                                                    Х
78
     -0.973926885
16
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Y
78
     -0.978402418717949
     STANDING Freq NA
16
                          Gyroscope NA
                                         NA
                                               SD
                                                    7.
78
     -0.983527402051282
     STANDING Freq NA
16
                          Gyroscope NA
                                         Magnitude Mean NA
78
     -0.975448632179487
16
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
78
     -0.963574736025641
                          Gyroscope Jerk Magnitude Mean NA
16
     STANDING Freq NA
78
     -0.99117243
     STANDING Freq NA
16
                          Gyroscope Jerk Magnitude SD
                                                         NA
78
     -0.990672800769231
                                                    Mean X
16
     STANDING
               Freq Body Accelerometer
                                         NA
                                               NA
78
     -0.989427670897436
16
     STANDING
              Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
78
     -0.96931401525641
16
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Z
78
     -0.969999504230769
     STANDING Freq Body Accelerometer
16
                                         NA
                                               NA
                                                    SD
                                                         Х
78
     -0.989100620641026
16
     STANDING Freq Body Accelerometer
                                                         Y
                                         NA
                                               NA
                                                    SD
78
     -0.958174310128205
16
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Z
78
     -0.948540267051282
16
     STANDING Freq Body Accelerometer
                                               Magnitude Mean NA
                                         NA
78
     -0.971082558076923
16
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude SD
                                                              NA
78
     -0.957173571923077
     STANDING Freq Body Accelerometer
16
                                         Jerk NA
                                                    Mean X
78
     -0.991038638974359
16
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Y
78
     -0.982425403974359
```

```
STANDING Freq Body Accelerometer
16
                                          Jerk NA
                                                    Mean Z
78
     -0.986091891538462
16
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Χ
78
     -0.991847149615385
     STANDING Freq Body Accelerometer
16
                                          Jerk NA
                                                     SD
                                                          Y
78
     -0.984236462179487
16
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
78
     -0.98865796025641
                                          Jerk Magnitude Mean NA
16
     STANDING Freq Body Accelerometer
78
     -0.986502687948718
16
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     STANDING
                                                               NA
78
     -0.985912716923077
16
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
51
     -0.0151721912792157
16
                          Gyroscope NA
     WALKING
               Time NA
                                          NA
                                               Mean Y
51
     -0.0695955689607843
16
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          51
0.0818650735686274
16
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
51
     -0.654171847058823
16
                          Gyroscope NA
                                                    Y
     WALKING
               Time NA
                                          NA
                                               SD
51
     -0.612593634117647
16
                          Gyroscope NA
                                               SD
                                                     Z
     WALKING
               Time NA
                                          NA
51
     -0.365489530588235
16
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
51
     -0.485931932745098
16
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     -0.665078404313725
51
                          Gyroscope Jerk NA
16
     WALKING
                                               Mean X
               Time NA
51
     -0.110917348282353
16
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
51
     -0.0433876843176471
16
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
51
     -0.0532986670705882
16
                          Gyroscope Jerk NA
                                               SD
                                                    Х
     WALKING
               Time NA
51
     -0.675889722745098
16
                          Gyroscope Jerk NA
                                                    Y
     WALKING
               Time NA
                                               SD
51
     -0.712237752941177
16
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Z
51
     -0.571264779411765
16
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Time NA
51
     -0.671541834117647
16
     WALKING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
51
     -0.722808438431373
16
     WALKING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
                                                               51
0.276023564509804
16
               Time Body Accelerometer
     WALKING
                                          NA
                                               NA
                                                    Mean Y
```

51	-0.0204286929452941							
16	WALKING Time Body		lerometer	NA	NA	Mean	Z	
51	-0.108804049803922							
16	WALKING Time Body	Acce	lerometer	NA	NA	SD	X	
51	-0.404692523921569		_					
16	WALKING Time Body	Acce.	lerometer	NA	NA	SD	Y	
51 16	-0.314569762352941	7.000	loromotor	NT 70	NT 70	CD	7	
51	WALKING Time Body -0.159799790235294	Acce.	reromerer	NA	NA	SD	Z	
16	WALKING Time Body	Acce	lerometer	NA	Magn	itude	Mean	NA
51	-0.258766694117647							
16	WALKING Time Body	Acce	lerometer	NA	Magn	itude	SD	NA
51	-0.47180926745098							
16	WALKING Time Body	Acce.	lerometer	Jerk	NA	Mean	X	51
	70223771764706	<b>3</b>	1	<b></b>	373	36	**	г 1
16	WALKING Time Body 968444678235294	Acce.	Lerometer	Jerk	NA	Mean	Y	51
16		Acce	lerometer	Jerk	NΑ	Mean	7.	51
	360803282352941	HCCC.	ICI OMC CCI	UCIK	1421	ricuii	4	31
16	WALKING Time Body	Acce	lerometer	Jerk	NA	SD	X	
51	-0.396223738431373							
16	WALKING Time Body	Acce	lerometer	Jerk	NA	SD	Y	
51	-0.425563858627451		_					
16	WALKING Time Body	Acce	lerometer	Jerk	NA	SD	Z	
51	-0.44025821745098	7.000	loromotor	Torde	Magn	: +	Moon	NT 70
16 51	WALKING Time Body -0.363144483529412	Acce.	lerometer	nerk	Magn	Llude	Mean	IVA
16		Acce	lerometer	Jerk	Magn	itude	SD	NA
51	-0.403386563921569				9			
16	WALKING Time Grav	ity	Accelerom	eter	NA	NA	Mean	X
51	0.925981326078431							
16		-	Accelerom	eter	NA	NA	Mean	Y
51	-0.0668246472745098							_
16 51	WALKING Time Grav -0.217351194313725	ıty	Accelerom	eter	NA	NA	Mean	Z
16	WALKING Time Grav	i + 37	Accelerom	eter	NA	NA	SD	X
51	-0.982469595490196	ı cy	ACCCICION	CCCI	1421	11/21	DD	Λ
16	WALKING Time Grav	ity	Accelerom	eter	NA	NA	SD	Y
51	-0.973784841960784	-						
16	WALKING Time Grav	ity	Accelerom	eter	NA	NA	SD	Z
51	-0.961387254313726							
16	WALKING Time Grav	-	Accelerom	eter	NA	Magn:	itude	Mean
NA 16	51 <b>-0.</b> 25876669411		7	a+a	3.7.73	Moss	: ۱	CD
16 NA	WALKING Time Grav 51 -0.47180926745	_	Accelerom	eter	NA	magn:	itude	מפ
16	WALKING Freq NA		scope NA	NA	Mean	X		
51	-0.59574648627451		20PC 1111	1111	11Cuii	21		
	· = · = - <del>-</del>							

```
Freq NA
16
     WALKING
                          Gyroscope NA
                                          NA
                                               Mean Y
51
     -0.619731930392157
16
                          Gyroscope NA
                                          NA
                                               Mean Z
     WALKING
               Freq NA
51
     -0.432885310980392
16
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
51
     -0.673741136862745
16
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
     WALKING
               Freq NA
51
     -0.61194087745098
16
                          Gyroscope NA
                                               SD
                                                     \mathbf{Z}
     WALKING
                                          NA
               Freq NA
51
     -0.403219791372549
16
                          Gyroscope NA
                                          Magnitude Mean NA
     WALKING
               Freq NA
51
     -0.669228540784314
16
     WALKING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
51
     -0.721137001568627
16
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Freq NA
51
     -0.72068229
16
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
51
     -0.745726853921569
16
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
51
     -0.394790433529412
16
     WALKING
               Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                          NA
51
     -0.321500667843137
16
               Freq Body Accelerometer
                                                    Mean Z
     WALKING
                                          NA
                                               NA
51
     -0.244363048235294
16
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
51
     -0.409070488039216
16
               Freq Body Accelerometer
                                                          Y
     WALKING
                                          NA
                                               NA
                                                     SD
51
     -0.354370678627451
16
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
51
     -0.180501317941176
16
               Freq Body Accelerometer
                                               Magnitude Mean NA
     WALKING
                                          NA
51
     -0.410463241960784
16
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
51
     -0.592150985098039
16
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
51
     -0.44140618254902
16
               Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                    Mean Y
51
     -0.454270822156863
16
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
51
     -0.422332394117647
16
               Freq Body Accelerometer
                                                     SD
                                                          Х
     WALKING
                                          Jerk NA
51
     -0.402884115098039
16
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
51
     -0.433612657843137
16
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
51
     -0.45663628254902
16
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
```

51	-0.378278490588235								
16	WALKING Freq Body	Accel	Lerome	eter	Jerk	Magni	itude	SD	NA
51	-0.441447754509804					_			
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	X
47	-0.0225373369978723			_					
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	Y
47 16	-0.068264792706383 WALKING DOWNSTAIRS	Time	NΔ	Gyros	scope	NΔ	NA	Mean	7.
47	0.0835380057	TIME	1421	dyros	осорс	1471	1471	ricuii	_
16	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	X
47	-0.45418847106383								
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
47	-0.528329304680851	<b>.</b> .		•				<b>a</b> 5	_
16 47	WALKING_DOWNSTAIRS -0.444636334893617	Time	NA	Gyros	scope	NA	NA	SD	Z
16	WALKING DOWNSTAIRS	Time	NΑ	Gyros	scope	NΔ	Magni	itude	Mean
NA	47 <b>-0.</b> 309820427234		1421	dyros	осорс	1411	magni	Leade	nean
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	Magni	itude	SD
NA	47 -0.422315316808	3511							
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	Mean	X
47	-0.103904044543617	m :	377	<b>G</b>		T1-			**
16 47	WALKING_DOWNSTAIRS -0.0567686629753191	Time	NA	Gyros	scope	Jerk	NA	Mean	Y
16	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NΑ	Mean	7.
47	-0.0612136932929787	111110	1411	J <sub>1</sub> I J	оорс	CCIN	1111	nean	2
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	X
47	-0.623676024255319								
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Y
47	-0.583421784680851	<b>.</b> .		•		- 1		<b>a</b> 5	_
16 47	WALKING_DOWNSTAIRS -0.540633469361702	Time	NA	Gyros	scope	Jerk	NA	SD	Z
16	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	Magni	i tude	Mean
NA	47 -0.590896636382		1411	o <sub>j</sub> i o i	оорс	CCIN	1149112	Loude	nean
16	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	Magni	itude	SD
NA	47 -0.595822214468								
16	WALKING_DOWNSTAIRS		Body	Acce]	Lerome	eter	NA	NA	Mean
X	47 0.2955868021914		<b>-</b> 1		ı				
16 Y	WALKING_DOWNSTAIRS 47 -0.018389858378		Body	Accel	Lerome	eter	NA	NA	Mean
16	WALKING DOWNSTAIRS		Body	Accel	erome	eter	NA	NA	Mean
Z	47 <b>-0.</b> 119873705148		Boay	110001	LOT OILL		1111	1111	nean
16	WALKING_DOWNSTAIRS		Body	Acce]	Lerome	eter	NA	NA	SD
X	47 0.2072519979297	787							
16	WALKING_DOWNSTAIRS		Body	Acce]	Lerome	eter	NA	NA	SD
Y	47 <b>-0.146993837655</b>		D = -1	7 7			37.7	37.7	an.
16 Z	WALKING_DOWNSTAIRS 47 0.0114353944787		Body	Accel	Lerome	eter	NA	NA	SD
ப	4/ 0.0114333944/8/	234							

16	WALKING DOWNSTAIRS	Time	Body	Accelerom	eter	NA	Magni	itude
Mean	<del>_</del>		_				,	
16	WALKING_DOWNSTAIRS	Time	Body	Accelerom	eter	NA	Magni	itude
SD	NA 47 0.1191837							
16	WALKING_DOWNSTAIRS		Body	Accelerom	eter	Jerk	NA	Mean
X	47 0.090785706425		<b>-</b> 1			- 1		
16	WALKING_DOWNSTAIRS 47 -0.01481145302		воау	Accelerom	eter	Jerk	NA	Mean
Y 16	47 -0.01481145302 WALKING DOWNSTAIRS		Rody	Accelerom	otor	Jerk	NI 7\	Mean
Z	47 <b>-0.</b> 02931225629		ьоцу	Acceleton	ecer	DELK	IVA	Mean
16	WALKING DOWNSTAIRS		Body	Accelerom	eter	Jerk	NA	SD
X	47 -0.10118692659		2041	1100010101	.0001	00111	-11-1	
16	WALKING DOWNSTAIRS		Body	Accelerom	eter	Jerk	NA	SD
Y	47 -0.26168475242		-					
16	WALKING_DOWNSTAIRS	Time	Body	Accelerom	eter	Jerk	NA	SD
$\mathbf{Z}$	47 -0.30338158283							
16	WALKING_DOWNSTAIRS			Accelerom	eter	Jerk	Magni	itude
Mean								
16	WALKING_DOWNSTAIRS		_	Accelerom	eter	Jerk	Magni	itude
SD	NA 47 -0.078349				_			
16	WALKING_DOWNSTAIRS			ty Acce	lerome	eter	NA	NA
Mean					1		37.7	373
16 Mean	WALKING_DOWNSTAIRS Y 47 -0.058483			ty Acce	lerome	eter	NA	NA
меан 16	WALKING DOWNSTAIRS			ty Acce	lerome	o+or	NA	NA
Mean	<del>_</del>			cy Acce	TELOIN	sce1	IVA	IVA
16	WALKING DOWNSTAIRS			tv Acce	lerome	eter	NA	NA
SD	X 47 -0.957785			11000	TOT OILL	2001	1111	1121
16	WALKING DOWNSTAIRS			ty Acce	lerome	eter	NA	NA
SD	Y 47 -0.955487			1				
16	WALKING DOWNSTAIRS	Time	Gravi	ty Acce	lerome	eter	NA	NA
SD	z 47 -0.910588	943191	L489	_				
16	WALKING_DOWNSTAIRS	Time	Gravi	ty Acce	lerome	eter	NA	
Magn	itude Mean NA 47	0.191	L07979	3587447				
16	WALKING_DOWNSTAIRS			ty Acce	lerome	eter	NA	
_	itude SD NA 47			10638298				
16	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	X
47	-0.420844008625532	_		_				
16	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Y
47	-0.479512983617021	T	377	<b>G</b>	27.7	37.7	M	
16 47	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	: NA	NA	Mean	Z
16	-0.375000625531915 WALKING DOWNSTAIRS	Freq	NT 7A	Gyroscope	. 1.7.7.	NA	SD	Х
47	-0.470373498510638	rreq	IVA	Gyroscope	: NA	IVA	עט	Λ
16	WALKING DOWNSTAIRS	Freq	NΑ	Gyroscope	NA	NA	SD	Y
47	-0.565214032765957	9	-11-1	5/1000pc	. 1111	-11-1	22	-
16	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
=	· ·_= = · · · · ·	1		,	-==		-	

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47
     -0.521100818723404
16
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
          -0.488253939574468
NA
     47
16
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    Magnitude SD
          -0.479939845914894
NA
16
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude Mean
NA
          -0.58966315
16
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.633479804680851
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
          0.0368263528276596
Х
     47
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Y
     47
          -0.134598352726809
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
16
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.04769426376
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
          0.266115492098298
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          -0.208680587882979
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
     47
          -0.0379716239787234
16
     WALKING DOWNSTAIRS
                         Freq Body Accelerometer
                                                    NA
                                                         Magnitude
          47
                0.114032088546809
Mean NA
16
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    NA
                                                         Magnitude
               -0.0534137179170213
SD
     NA
          47
16
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
X
          -0.155444882765957
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.289957855489362
Y
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.241974080021277
     47
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.125682818093191
                          Freq Body Accelerometer
16
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                               SD
Y
          -0.281507406948936
     47
16
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.36402669587234
16
     WALKING DOWNSTAIRS
                         Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          47
               -0.0745659082223404
16
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
SD
          47
               -0.0919623368021277
     NA
16
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
     0.0718408878078431
51
     WALKING UPSTAIRS
16
                          Time NA
                                    Gyroscope NA
                                                    NA
                                                         Mean Y
51
     -0.0486136789705882
16
     WALKING UPSTAIRS
                          Time NA
                                    Gyroscope NA
                                                    NA
                                                         Mean Z
51
     -0.00779288021764706
```

16	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	X
51 16	-0.508087166666667 WALKING UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Y
51	-0.58638289372549		cyropodpo	-11-1	-11-1		-
16	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
51	-0.365025170078431						
16	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA 1.6	51 -0.308260568039216	377	G	377	M =	: L	an.
16 NA	WALKING_UPSTAIRS Time 51 -0.518189646470588	: NA	Gyroscope	NA	Magn	itude	SD
16	WALKING UPSTAIRS Time	NA.	Gyroscope	Jerk	NΑ	Mean	x
51	-0.140908293613922	. 1421	dyrobcope	OCIA	1421	iicuii	21
16	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Y
51	-0.0296211298558824						
16	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$
51	-0.035416300054902						
16	WALKING_UPSTAIRS Time	· NA	Gyroscope	Jerk	NA	SD	X
51	-0.707264168627451		_	_ ,		~-	
16	WALKING_UPSTAIRS Time	· NA	Gyroscope	Jerk	NA	SD	Y
51 16	-0.77471906627451 WALKING UPSTAIRS Time	. 1.17.	Gyroscope	Tork	NT 7N	SD	Z
51	-0.717101021960784	: NA	Gyroscope	Derk	NA	עמ	Zı
16	WALKING UPSTAIRS Time	NA.	Gyroscope	Jerk	Magn	itude	Mean
NA	51 -0.737705162156863		cyropospo	00111	114911	Loudo	110411
16	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA	51 -0.797293228431373						
16	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
X	51 0.255986102627451						
16	WALKING_UPSTAIRS Time	_	Accelerome	eter	NA	NA	Mean
Y	51 -0.0143654945011765		7 7		377	37.7	<b>M</b>
16 Z	WALKING_UPSTAIRS Time 51 -0.124074517745098	: воау	Accelerome	eter	NA	NA	Mean
16	WALKING_UPSTAIRS Time	Body	Accelerome	ster	NA	NA	SD
X	51 -0.397083831568627	. вост	ACCCICION	CCI	1421	1171	טט
16	WALKING UPSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Y	51 -0.163732745078431	_					
16	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
${f Z}$	51 -0.129283825721569						
16	WALKING_UPSTAIRS Time	_	Accelerome	eter	NA	Magn	itude
Mean			_				
16	WALKING_UPSTAIRS Time	_	Accelerome	eter	NA	Magn	itude
SD	NA 51 -0.33479508019		Nagolorom	otor	Tork	NT 7N	Moon
16 X	WALKING_UPSTAIRS Time 51 0.0762526677	: Боау	Accelerome	ecer	Jerk	MA	Mean
16		Body	Accelerome	eter	Jerk	NA	Mean
Y	51 0.0173729333352941	1					
16	WALKING UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
	<del>-</del>	-					

```
Z
     51
          0.0380533591627451
16
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Х
     51
          -0.521089140196078
16
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
     51
          -0.425625937254902
16
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.593411129607843
16
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
                -0.48321905
Mean NA
          51
16
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.493067129607843
     NA
          51
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean X
          51
                0.826874282745098
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean Y
          51
                -0.0805926025490196
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean Z
          51
                -0.379059698039216
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
          51
                -0.948413552745098
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
                -0.933657461176471
          51
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
                -0.907649558823529
          51
16
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.233990331568627
Magnitude Mean NA
                     51
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
                          -0.334795080196078
Magnitude SD
               NA
16
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
51
     -0.53239971627451
16
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
51
     -0.642018064117647
16
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
51
     -0.492427493529412
                                     Gyroscope NA
16
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                                Х
51
     -0.509896031372549
16
                                     Gyroscope NA
                                                                Y
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
51
     -0.559600598431373
16
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{z}
                          Freq NA
51
     -0.387309489901961
16
                                     Gyroscope NA
                                                     Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.630546675490196
16
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude SD
                          Freq NA
NA
          -0.532486721568627
                                     Gyroscope Jerk Magnitude Mean
16
     WALKING UPSTAIRS
                          Freq NA
NA
     51
          -0.787833632352941
16
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
          -0.825314327058824
NA
     51
```

16	WALKING_UPSTAIRS		7 Acce	lerome	eter	NA	NA	Mean
X 16	51 -0.47498401470 WALKING_UPSTAIRS	Freq Body	, Acce	lerome	eter	NA	NA	Mean
Y 16	51 -0.26806381274 WALKING_UPSTAIRS		7 Acce	lerome	eter	NA	NA	Mean
Z 16	51 -0.33585304117 WALKING_UPSTAIRS		, Acce	lerome	eter	NA	NA	SD
X 16	51 -0.36963614098 WALKING_UPSTAIRS		7 Acce	lerome	eter	NA	NA	SD
Y 16	51 -0.16632423911 WALKING UPSTAIRS		7 Acce	lerome	eter	NA	NA	SD
Z 16	51 -0.09456123314 WALKING UPSTAIRS	5098				NA	Magni	itude
	NA 51 -0.370649 WALKING UPSTAIRS	738235294				NA	_	itude
SD	NA 51 -0.418924	256078431					_	
16 X	WALKING_UPSTAIRS 51 -0.54608886294	1176				Jerk 		Mean
16 Y	WALKING_UPSTAIRS 51 -0.46860520529	4118				Jerk		Mean
16 Z	WALKING_UPSTAIRS 51 -0.56522084058		y Acce	lerome	eter	Jerk	NA	Mean
16 X	WALKING_UPSTAIRS 51 -0.53807309019		7 Acce	lerome	eter	Jerk	NA	SD
16 Y	WALKING_UPSTAIRS 51 -0.41712701235	Freq Body	Acce	lerome	eter	Jerk	NA	SD
16 Z	WALKING_UPSTAIRS 51 -0.62012358647	Freq Body	Acce	lerome	eter	Jerk	NA	SD
16	WALKING_UPSTAIRS	Freq Body	Acce	lerom	eter	Jerk	Magn	itude
Mean 16	WALKING_UPSTAIRS	Freq Body	, Acce	lerome	eter	Jerk	Magn	itude
SD 17	NA 51 -0.519931 LAYING Time NA	24 Gyroscope	e NA	NA	Mean	X		
71 17	-0.0234756467113239 LAYING Time NA	Gyroscope	e NA	NA	Mean	Y		
71 17	-0.0944580192535211 LAYING Time NA	Gyroscope	e NA	NA	Mean	Z	71	
0.11 17	1440490309859 LAYING Time NA	Gyroscope		NA	SD	X		
71 17	-0.975893061830986 LAYING Time NA					Y		
71	-0.971484336197183	Gyroscope		NA	SD			
17 71	LAYING Time NA -0.976200771267606	Gyroscope		NA	SD	Z		
17 71	LAYING Time NA -0.960733121690141	Gyroscope	≥ NA	Magn	itude	Mean	NA	
17	LAYING Time NA	Gyroscope	e NA	Magn	itude	SD	NA	

```
71
     -0.959325498732394
17
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
71
     -0.102049763957746
17
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
71
     -0.0361961143943662
17
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean Z
71
     -0.0604927046338028
17
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
71
     -0.980792372112676
17
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
71
     -0.983135596619718
17
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
71
     -0.988221713380282
17
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
71
     -0.985542411126761
17
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude SD
71
     -0.982038121126761
17
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
                                                               71
0.269780085577465
17
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
71
     -0.0168462006729577
17
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
71
     -0.107006279704225
               Time Body Accelerometer
17
     LAYING
                                          NA
                                               NA
                                                     SD
                                                          Х
71
     -0.972960567323944
17
               Time Body Accelerometer
     LAYING
                                          NA
                                               NA
                                                     SD
                                                          Y
71
     -0.944792875211268
17
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
     -0.953476700140845
71
               Time Body Accelerometer
17
     LAYING
                                          NA
                                               Magnitude Mean NA
71
     -0.953021411126761
17
               Time Body Accelerometer
                                               Magnitude SD
     LAYING
                                          NA
                                                               NA
71
     -0.948257993521127
               Time Body Accelerometer
17
     LAYING
                                          Jerk NA
                                                     Mean X
                                                               71
0.077908974656338
                                                               71
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     Mean Y
0.00706867100408451
17
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
71
     -0.000143542544507042
17
               Time Body Accelerometer
                                                          Х
     LAYING
                                          Jerk NA
                                                     SD
71
     -0.981489017183099
17
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
71
     -0.976960542816901
17
               Time Body Accelerometer
                                                     SD
                                                          7.
     LAYING
                                          Jerk NA
71
     -0.98281300056338
17
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
71
     -0.981607627887324
```

```
Time Body Accelerometer Jerk Magnitude SD
17
     LAYING
71
     -0.980126745352113
                                Accelerometer
17
     LAYING
                Time Gravity
                                                NA
                                                     NΑ
                                                          Mean X
71
     -0.19913309
17
                Time Gravity
                                Accelerometer
     LAYING
                                                NA
                                                     NA
                                                           Mean Y
71
     0.658792072253521
17
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
71
     0.722657502112676
17
                                Accelerometer
                                                           SD
                                                                Х
     LAYING
                Time Gravity
                                                NA
                                                     NA
71
     -0.961063222394366
17
     LAYING
                Time Gravity
                                Accelerometer
                                                           SD
                                                                Y
                                                NA
                                                     NA
71
     -0.961466681267606
17
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                \mathbf{Z}
71
     -0.957164565211268
17
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     71
          -0.953021411126761
17
     LAYING
                Time Gravity
                               Accelerometer
                                                NA
                                                     Magnitude SD
NA
     71
          -0.948257993521127
17
     LAYING
               Freq NA
                          Gyroscope NA
                                           NA
                                                Mean X
71
     -0.971949211126761
17
     LAYING
                          Gyroscope NA
                                                Mean Y
                Freq NA
                                           NA
71
     -0.973669098591549
17
                          Gyroscope NA
                                                Mean Z
     LAYING
                Freq NA
                                           NA
71
     -0.976164852112676
17
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
71
     -0.977203498309859
17
                                                     Y
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
71
     -0.970627806901408
17
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     7.
71
     -0.978357126056338
17
                                          Magnitude Mean NA
     LAYING
                Freq NA
                          Gyroscope NA
71
     -0.969014444788732
17
     LAYING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
71
     -0.96002383915493
17
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
                Freq NA
71
     -0.982765526478873
17
                          Gyroscope Jerk Magnitude SD
     LAYING
                Freq NA
                                                           NA
71
     -0.981983437605634
17
     LAYING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
71
     -0.974359280140845
17
     LAYING
                Freq Body Accelerometer
                                                     Mean Y
                                           NA
                                                NA
71
     -0.954648102253521
17
     LAYING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean Z
71
     -0.965406091549296
17
     LAYING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     SD
                                                           Х
71
     -0.972438525352113
17
     LAYING
                Freq Body Accelerometer
                                                NA
                                                     SD
                                                           Y
                                          NA
```

```
71
     -0.942791615915493
17
               Freq Body Accelerometer
                                                NA
                                                     SD
                                                           \mathbf{z}
     LAYING
                                          NA
71
     -0.950116956478873
17
     LAYING
               Freq Body Accelerometer
                                           NA
                                                Magnitude Mean NA
71
     -0.961046326338028
17
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
71
     -0.949042531690141
17
     LAYING
                Freq Body Accelerometer
                                           Jerk NA
                                                     Mean X
71
     -0.98147206915493
17
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     Mean Y
71
     -0.977212387746479
17
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     Mean Z
71
     -0.98038005915493
17
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Х
     -0.983213244366197
71
17
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Υ
71
     -0.978343915774648
17
     LAYING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Z
71
     -0.983854158873239
17
               Freq Body Accelerometer
     LAYING
                                           Jerk Magnitude Mean NA
71
     -0.979687318732394
17
     LAYING
               Freq Body Accelerometer
                                           Jerk Magnitude SD
                                                                NA
71
     -0.979657231408451
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean X
64
     -0.042549159015625
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Y
64
     -0.0669245931234375
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Z
                                                           64
0.0860053803375
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
64
     -0.98963832578125
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
64
     -0.98612868078125
17
     SITTING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     \mathbf{Z}
64
     -0.9797052259375
17
                Time NA
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
64
     -0.967177744375
17
     SITTING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
64
     -0.97541025484375
17
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                Mean X
64
     -0.094247696875
17
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
     -0.0411134199378125
64
17
     SITTING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Z
64
     -0.051090324421875
                          Gyroscope Jerk NA
17
     SITTING
                                                     Х
                Time NA
                                                SD
64
     -0.9952559371875
```

17	SITTING T		Gyros	cope	Jerk	NA	SD	Y		
64 17	-0.99498188 SITTING T	ime NA	Gyros	cone	Jerk	NΔ	SD	Z		
64	-0.99384125		Gyros	сорс	OCIK	1421	שט	4		
17	SITTING T		Gyros	cope	Jerk	Magni	tude	Mean	NA	
64	-0.99633479	5	-	-		,				
17	SITTING T	lime NA	Gyros	cope	Jerk	Magni	tude	SD	NA	
64	-0.99444675	55625								
17		lime Body	Accel	erome.	eter	NA	NA	Mean	X	64
	73570196875									
17	SITTING T	_	Accel	erome	eter	NA	NA	Mean	Y	
64	-0.01415627		7~~~7		+	3.7.73	3.7.73	Maan	17	
17 64	SITTING T -0.11362408		Accel	erome	eter	NA	NA	Mean	Z	
17		ime Body	Accel	arome	tor	NA	NA	SD	Х	
64	-0.99444390	_	ACCCI	CIOIIC	CCI	1471	1421	DD	7.	
17		ime Body	Accel	erome	eter	NA	NA	SD	Y	
64	-0.96185862	_								
17	SITTING T	ime Body	Accel	erome	eter	NA	NA	SD	Z	
64	-0.96572919	_								
17		lime Body	Accel	erome	eter	NA	Magni	tude	Mean	NA
64	-0.97274734	640625								
17		lime Body	Accel	erome	eter	NA	Magni	Ltude	SD	NA
64	-0.96506519		_			_				
17		'ime Body	Accel	.erome	eter	Jerk	NA	Mean	X	64
	507098617187		77			T1-	377	M	37	<i>C</i> 1
17	SITTING T 560971049156	lime Body	Accer	erome	eter	Jerk	NA	Mean	Y	64
17			7 ccol	orome	tor	Jerk	NT 7A	Mean	7	
64		_	Accer	.er ome	CEI	OGIK	IVA	Mean	7	
		ime Body	Accel	erome	eter	Jerk	NA	SD	Х	
64	-0.99434060	_					_,			
17	SITTING T	ime Body	Accel	erome	eter	Jerk	NA	SD	Y	
64	-0.98863700	234375								
17	SITTING T	lime Body	Accel	erome	eter	Jerk	NA	SD	Z	
64	-0.99052926	1875								
17	SITTING T	_	Accel	erome	eter	Jerk	Magni	Ltude	Mean	NA
64	-0.99281471							_		
17		_	Accel	.erome	eter	Jerk	Magni	Ltude	SD	NA
64	-0.99144649			<b>3</b> 7			377	377	36	.,
17 64	SITTING T 0.944883747	lime Gravi	тy	Accel	erome	eter	NA	NA	Mean	Х
17	SITTING T		+37	7 ccol	erome	tor	NA	NA	Mean	v
64	-0.00281467		- <b>-</b> y	ACC61	-er One	FCET	IAUZ	TALZ	ricail	1
17	SITTING T		tv	Accel	erome	eter	NA	NA	Mean	7.
64			1	-10001	- J_ OC		-1	-1	-10411	_
17	SITTING T		ty	Accel	erome	eter	NA	NA	SD	Х
			4			•				

```
64
     -0.99019661703125
17
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                                Y
64
     -0.9667201059375
17
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                                Z
64
     -0.9566106440625
17
     SITTING
                Time Gravity
                               Accelerometer
                                                     Magnitude Mean
                                                NA
NA
          -0.97274734640625
17
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
          -0.96506519109375
     64
17
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
64
     -0.98841106765625
17
     SITTING
                          Gyroscope NA
                                               Mean Y
               Freq NA
                                          NA
64
     -0.98879397953125
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
64
     -0.98161709828125
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Χ
64
     -0.99004126046875
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
64
     -0.984813098125
                                                     Z
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
64
     -0.9809696453125
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
64
     -0.98336929234375
17
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
64
     -0.97471085296875
17
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
64
     -0.995204564375
17
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
64
     -0.99362452375
17
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
64
     -0.9939693815625
17
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
64
     -0.96992798921875
17
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
64
     -0.97484160453125
17
               Freq Body Accelerometer
                                                          Х
     SITTING
                                          NA
                                                NA
                                                     SD
64
     -0.99465731359375
17
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Y
64
     -0.959789141875
     SITTING
17
               Freq Body Accelerometer
                                               NA
                                                     SD
                                                          Z
                                          NA
64
     -0.96292107328125
17
     SITTING
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
     -0.973626755
64
17
     SITTING
               Freq Body Accelerometer
                                               Magnitude SD
                                          NA
                                                               NA
64
     -0.9653996796875
                                          Jerk NA
17
     SITTING
               Freq Body Accelerometer
                                                     Mean X
64
     -0.99454262109375
```

```
Freq Body Accelerometer
17
     SITTING
                                          Jerk NA
                                                    Mean Y
64
     -0.9883274196875
               Freq Body Accelerometer
17
     SITTING
                                          Jerk NA
                                                    Mean Z
64
     -0.9888280653125
17
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    SD
                                                          Х
     -0.9946131621875
64
17
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Y
64
     -0.98991581109375
17
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          \mathbf{z}
     SITTING
64
     -0.99081824828125
17
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
64
     -0.99142725046875
17
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
64
     -0.99031962640625
17
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
78
     -0.0269576937130769
17
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
78
     -0.0770632126371795
17
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          78
0.0880561869358974
17
               Time NA
                          Gyroscope NA
                                                    Х
     STANDING
                                          NA
                                               SD
78
     -0.981373082948718
17
     STANDING
               Time NA
                          Gyroscope NA
                                                    Υ
                                          NA
                                               SD
78
     -0.985121164615385
17
                                                    Z
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
78
     -0.985538363333333
17
                                          Magnitude Mean NA
     STANDING
               Time NA
                          Gyroscope NA
78
     -0.978184576538462
                          Gyroscope NA
                                          Magnitude SD
17
     STANDING
               Time NA
                                                          NA
78
     -0.977680837435897
17
                          Gyroscope Jerk NA
     STANDING
               Time NA
                                               Mean X
78
     -0.101289168653846
17
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
78
     -0.0404518753974359
17
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
78
     -0.0546331330897436
17
                          Gyroscope Jerk NA
     STANDING
               Time NA
                                               SD
                                                    Х
78
     -0.989257196282051
17
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
78
     -0.993699908589744
17
     STANDING
                          Gyroscope Jerk NA
                                               SD
                                                    Z
               Time NA
78
     -0.992327099487179
17
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
78
     -0.993672973717949
17
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
78
     -0.992372117307692
               Time Body Accelerometer
                                                               78
17
     STANDING
                                               NA
                                          NA
                                                    Mean X
```

0 27	7942503333	333							
17	STANDING		y Acce	lerometer	NA	NA	Mean	Y	
78									
17	STANDING	Time Bod	y Acce	lerometer	NA	NA	Mean	Z	
78	-0.111432								
17	STANDING		y Acce	lerometer	NA	NA	SD	X	
78	-0.991163								
17	STANDING		y Acce	lerometer	NA	NA	SD	Y	
78 17	-0.968176		7.000	loromotor	<b>3.</b> 7.7.	NT 70	CD	7	
17 78	STANDING -0.970462		y Acce	Terometer	NA	NA	SD	Z	
17	STANDING		v Acce	lerometer	NA	Magn	itude	Mean	NΔ
78	-0.977635		y Acce	ICIOMCCCI	1477	nagii	Lcuuc	ricuii	1471
17	STANDING		y Acce	lerometer	NA	Magn	itude	SD	NA
78	-0.975377		_			,			
17	STANDING	Time Bod	y Acce	lerometer	Jerk	NA	Mean	X	78
0.07	4086495564	1026							
17			y Acce	lerometer	Jerk	NA	Mean	Y	78
	6578534525								
17			_	lerometer	Jerk	NA	Mean	Z	
78	-0.004035			1	T1-	377	αD	37	
17 78	-0.992094		y Acce	lerometer	Jerk	NA	SD	X	
76 17			v Acce	lerometer	Jerk	NΙΔ	SD	Y	
78	-0.986661		y Acce	ICIOMCCCI	OCIK	1421	DD	_	
17			v Acce	lerometer	Jerk	NA	SD	$\mathbf{z}$	
78	-0.991217		_						
17	STANDING	Time Bod	y Acce	lerometer	Jerk	Magn	itude	Mean	NA
78	-0.991742	753589744							
17			y Acce	lerometer	Jerk	Magn	itude	SD	NA
78	-0.990363								
17	STANDING		vity	Acceleron	neter	NA	NA	Mean	X
78 17	0.9046785		: 4	Aggolomon		NT 70	NT 70	Moon	37
17 78	STANDING -0.257486	Time Gra	vity	Acceleron	neter	NA	NA	Mean	Y
78 17	STANDING		v; i + v;	Acceleron	neter	NA	NA	Mean	7.
78	-0.202687		vicy	Accereron	ile cer	IVA	INT	riedii	7
17	STANDING		vitv	Acceleron	neter	NA	NA	SD	Х
78	-0.985751		_						
17	STANDING	Time Gra	vity	Acceleron	neter	NA	NA	SD	Y
78	-0.975810	476025641							
17	STANDING		vity	Acceleron	neter	NA	NA	SD	Z
78	-0.969171		_	_				_	
17	STANDING		_	Acceleron	neter	NA	Magn	itude	Mean
NA 17		776359814		3 1		37.7	<b>M</b> = -	٠	an
17	STANDING		_	Acceleron	neter	NA	мagn	itude	รบ
NA	78 -0.9	753773098	11195						

```
17
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean X
78
     -0.980696264102564
17
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
78
     -0.987334041282051
17
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Z
78
     -0.985954978205128
17
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Х
78
     -0.981791318076923
     STANDING Freq NA
17
                         Gyroscope NA
                                              SD
                                                   Y
                                         NA
78
     -0.983946584871795
17
     STANDING Freq NA
                         Gyroscope NA
                                              SD
                                                   Z
                                         NA
78
     -0.986725274871795
     STANDING Freq NA
17
                         Gyroscope NA
                                         Magnitude Mean NA
78
     -0.984291131538461
17
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
78
     -0.977263418717949
17
     STANDING Freq NA
                         Gyroscope Jerk Magnitude Mean NA
78
     -0.992723939358974
17
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                        NA
78
     -0.992177303589744
17
     STANDING Freq Body Accelerometer
                                              NA
                                                   Mean X
                                         NA
78
     -0.990927533846154
17
     STANDING Freq Body Accelerometer
                                              NA
                                                   Mean Y
                                         NA
     -0.97417056948718
78
17
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Z
78
     -0.980231575769231
17
     STANDING Freq Body Accelerometer
                                                   SD
                                                        Х
                                         NA
                                              NA
78
     -0.991318528333333
     STANDING Freq Body Accelerometer
17
                                         NA
                                              NA
                                                   SD
                                                        Y
78
     -0.966427323846154
                                                        Z
17
     STANDING Freq Body Accelerometer
                                                   SD
                                         NA
                                              NA
78
     -0.966999000897436
17
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
78
     -0.980967748205128
17
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                              NA
78
     -0.975504840641026
17
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean X
78
     -0.992129225769231
17
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Y
78
     -0.986278342435897
17
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Z
78
     -0.989563633076923
17
               Freq Body Accelerometer
     STANDING
                                         Jerk NA
                                                   SD
                                                        Х
78
     -0.992775377692308
17
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Y
78
     -0.988200349487179
17
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Z
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-0.991450377692308
78
17
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
78
     -0.990162798846154
17
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
78
     -0.989472086666667
17
     WALKING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
61
     -0.00922265519180328
17
     WALKING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
61
     -0.0839773343770492
17
     WALKING
                Time NA
                          Gyroscope NA
                                                Mean Z
                                                           61
                                          NA
0.0757132656704918
17
     WALKING
                Time NA
                          Gyroscope NA
                                                SD
                                                     Х
                                          NA
61
     -0.47981351295082
17
     WALKING
                Time NA
                          Gyroscope NA
                                                     Y
                                          NA
                                                SD
     -0.454932903934426
61
17
     WALKING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
61
     -0.386044435409836
17
     WALKING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
61
     -0.335009836885246
17
     WALKING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
61
     -0.522494763606557
17
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                Mean X
61
     -0.109959237927869
17
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
     -0.0379251328622951
61
17
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Z
61
     -0.0513807166754098
17
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
61
     -0.431296148196721
17
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Y
61
     -0.560203489016393
17
                                                     Z
     WALKING
                Time NA
                          Gyroscope Jerk NA
                                                SD
61
     -0.524422887377049
                          Gyroscope Jerk Magnitude Mean NA
17
     WALKING
                Time NA
61
     -0.517167440655738
17
                          Gyroscope Jerk Magnitude SD
     WALKING
                Time NA
                                                          NA
61
     -0.53970849147541
17
     WALKING
                Time Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
                                                                61
0.272341855245902
17
     WALKING
                Time Body Accelerometer
                                                NA
                                          NA
                                                     Mean Y
61
     -0.0184875403339344
17
     WALKING
                Time Body Accelerometer
                                                     Mean Z
                                          NA
                                                NA
61
     -0.109792122032787
                Time Body Accelerometer
17
     WALKING
                                          NA
                                                NA
                                                     SD
                                                          Χ
61
     -0.31950017295082
17
                Time Body Accelerometer
                                                     SD
                                                          Y
     WALKING
                                          NA
                                                NA
     -0.0175797885542623
61
```

17	WALKING	Time Body 489180328	Acce	lerome	eter	NA	NA	SD	Z	
61 17	WALKING	Time Body	Acce	lerome	eter	NA	Magni	tude	Mean	NA
61 17	WALKING	-	Acce	lerome	eter	NA	Magni	tude	SD	NA
61 17	-0.461837 WALKING	866885246 Time Body	Acce	lerome	eter	Jerk	NA	Mean	X	61
0.07°	7318858003 WALKING		Acce	lerome	eter	Jerk	NA	Mean	Y	61
0.013 17	3009854836 WALKING		Accel	lerome	eter	Jerk	NA	Mean	Z	61
0.02	4375333444 WALKING	2623						SD	X	
61	-0.355492	635409836								
17 61	WALKING -0.093538	5034				Jerk		SD	Y	
17 61	WALKING -0.534303	Time Body 311639344	Accel	lerome	eter	Jerk	NA	SD	Z	
17 61	WALKING -0.301093	Time Body 269180328	Acce	lerome	eter	Jerk	Magni	tude	Mean	NA
17 61	WALKING	Time Body 786229508	Acce	lerome	eter	Jerk	Magni	tude	SD	NA
17 61	WALKING 0.9281123	Time Grav	ity	Acce]	Lerome	eter	NA	NA	Mean	X
17	WALKING	Time Grav	ity	Accel	Lerome	eter	NA	NA	Mean	Y
61 17	WALKING		ity	Accel	Lerome	eter	NA	NA	Mean	Z
61 17	-0.190265 WALKING	949622951 Time Grav:	ity	Accel	Lerome	eter	NA	NA	SD	X
61 17	-0.980983 WALKING	351639344 Time Grav	ity	Accel	Lerome	eter	NA	NA	SD	Y
61 17	-0.968613	202622951 Time Grav	-					NA	SD	Z
61	-0.956903	248196721	_							
17 NA		5115148770	4918		Lerome		NA		itude	
17 NA	WALKING 61 -0.4	Time Grav: 61837866885	-	Accel	Lerome	eter	NA	Magn	itude	SD
17 61	WALKING -0.407716	-	Gyros	scope	NA	NA	Mean	X		
17 61	WALKING -0.490166	Freq NA 286557377	Gyros	scope	NA	NA	Mean	Y		
17 61	WALKING		Gyros	scope	NA	NA	Mean	Z		
17	WALKING	Freq NA	Gyros	scope	NA	NA	SD	X		
61 17	-0.504849 WALKING	290819672 Freq NA	Gyros	scope	NA	NA	SD	Y		

```
61
     -0.439238787704918
17
     WALKING
                          Gyroscope NA
                                          NA
                                               SD
                                                     \mathbf{Z}
               Freq NA
61
     -0.438768699508197
17
     WALKING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
61
     -0.518618058688525
17
     WALKING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
61
     -0.615320077704918
17
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
61
     -0.582711859672131
17
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
61
     -0.520385479180328
17
               Freq Body Accelerometer
                                               NA
                                                     Mean X
     WALKING
                                          NA
61
     -0.360991674918033
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
61
     -0.0650267622126229
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
61
     -0.382832802295082
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
61
     -0.304806274098361
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Υ
61
     -0.0556137930852459
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
61
     -0.262391594918033
               Freq Body Accelerometer
17
     WALKING
                                          NA
                                               Magnitude Mean NA
     -0.429380043442623
61
17
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
61
     -0.565162507704918
17
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
61
     -0.423446094590164
17
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
61
     -0.194232721737705
17
               Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                     Mean Z
61
     -0.523427055737705
               Freq Body Accelerometer
17
     WALKING
                                          Jerk NA
                                                     SD
                                                          Χ
61
     -0.343866129016393
17
               Freq Body Accelerometer
                                                          Y
     WALKING
                                          Jerk NA
                                                     SD
61
     -0.0470379377672131
               Freq Body Accelerometer
17
     WALKING
                                          Jerk NA
                                                     SD
                                                          Z
61
     -0.543872996229508
17
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
61
     -0.335938891803279
17
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
61
     -0.211231860180328
     WALKING DOWNSTAIRS
17
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
46
     0.0677728390673913
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                          Time NA
                                                     NA
                                                          Mean Y
     -0.123517195928261
46
```

17	<del>_</del>	'ime	NA	Gyroscope	NA	NA	Mean	Z
46 17	<del>_</del>	'ime	NA	Gyroscope	NA	NA	SD	х
46 17	-0.370436868891304 WALKING_DOWNSTAIRS T	ime	NA	Gyroscope	NA	NA	SD	Y
46 17	-0.459281989565217 WALKING DOWNSTAIRS T	ime	NA	Gyroscope	NA	NA	SD	Z
46 17	-0.468462984347826	'ime		Gyroscope			tude	
NA	46 -0.2326417633076		NA	Gyroscope	NA	Magiii	Luue	Mean
17 NA	WALKING_DOWNSTAIRS T 46 -0.3526872810869	ime	NA	Gyroscope	NA	Magni	tude	SD
17	WALKING_DOWNSTAIRS T	ime	NA	Gyroscope	Jerk	NA	Mean	X
46 17	-0.1077700285 WALKING DOWNSTAIRS T	ime	NA	Gyroscope	Jerk	NA	Mean	Y
46	-0.0381702367441304							
17 46	WALKING_DOWNSTAIRS T -0.0582518846641304	'ime	NA	Gyroscope	Jerk	NA	Mean	Z
17	WALKING_DOWNSTAIRS T	'ime	NA	Gyroscope	Jerk	NA	SD	X
46 17	-0.526801825217391 WALKING DOWNSTAIRS T	'ime	NA	Gyroscope	Jerk	NA	SD	Y
46	-0.572144734130435							_
17 46	WALKING_DOWNSTAIRS T -0.542770646521739	'ime	NA	Gyroscope	Jerk	NA	SD	Z
17	WALKING_DOWNSTAIRS T	ime	NA	Gyroscope	Jerk	Magni	tude	Mean
17 NA	WALKING_DOWNSTAIRS T 46 -0.5403257878260	87				_		
17 NA 17 NA	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695	87 ime 65	NA	Gyroscope	Jerk	Magni	tude	SD
17 NA 17 NA 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T	87 ime 65 ime	NA		Jerk	_		
17 NA 17 NA 17 X 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T	87 ime 65 ime	NA Body	Gyroscope	Jerk eter	Magni	tude	SD
17 NA 17 NA 17 X 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347	87 lime 65 lime lime 826	NA Body Body	Gyroscope Accelerome	Jerk eter eter	Magni NA NA	tude NA NA	SD Mean Mean
17 NA 17 NA 17 X 17 Y 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173	87 lime 65 lime 826 lime 913	NA Body Body Body	Gyroscope Accelerome Accelerome Accelerome	Jerk eter eter	Magni NA	tude NA	SD Mean Mean Mean
17 NA 17 NA 17 X 17 Y 17 Z	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T	estable in the state of the sta	NA Body Body Body	Gyroscope Accelerome Accelerome Accelerome	Jerk eter eter	Magni NA NA	tude NA NA	SD Mean Mean
17 NA 17 NA 17 X 17 Y 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T	eime eime eime eime eime eime eime eime	NA Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	tude NA NA NA	SD Mean Mean Mean
17 NA 17 NA 17 X 17 Y 17 Z 17 X 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 -0.0607892037384	eime 65 eime 826 eime 913 eime 5 eime 783	NA Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA NA	tude NA NA NA NA	SD Mean Mean Mean SD SD
17 NA 17 NA 17 X 17 Y 17 Z 17 X	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 -0.0607892037384	ime 65 ime 826 ime 913 ime 5 ime 783	NA Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter	Magni NA NA NA	tude NA NA NA NA	SD Mean Mean Mean SD
17 NA 17 NA 17 X 17 Y 17 Z 17 X 17 Y 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 -0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.2310641566152 WALKING_DOWNSTAIRS T	ime 65 ime 826 ime 913 ime 5 ime 783 ime 17	NA Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter	Magni NA NA NA NA	tude NA NA NA NA	SD  Mean  Mean  Mean  SD  SD  SD
17 NA 17 NA 17 X 17 Y 17 Z 17 X 17 Y	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 -0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.2310641566152 WALKING_DOWNSTAIRS T NA 46 0.148951103 WALKING_DOWNSTAIRS T	ime 65 ime 826 ime 913 ime 5 ime 17 ime 5360 ime	NA Body Body Body Body Body Body Body Body	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA	NA NA NA NA NA NA	SD Mean Mean SD SD SD SD
17 NA 17 NA 17 X 17 Y 17 Z 17 X 17 Y 17 Z 17 Mean 17 SD	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.2310641566152 WALKING_DOWNSTAIRS T 46 0.148951103 WALKING_DOWNSTAIRS T NA 46 0.148951103 WALKING_DOWNSTAIRS T NA 46 0.091407675	ime 65 ime 826 ime 913 ime 5 ime 17 ime 5360 ime 7326	NA Body Body Body Body Body Body Body 87 Body 087	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA NA NA	Ltude NA NA NA NA NA NA Magni	SD Mean Mean Mean SD SD SD itude
17 NA 17 NA 17 X 17 Y 17 Z 17 X 17 Y 17 Z 17 Mean 17	WALKING_DOWNSTAIRS T 46 -0.5403257878260 WALKING_DOWNSTAIRS T 46 -0.5923194908695 WALKING_DOWNSTAIRS T 46 0.29391828326087 WALKING_DOWNSTAIRS T 46 -0.0167359404347 WALKING_DOWNSTAIRS T 46 -0.0892432745173 WALKING_DOWNSTAIRS T 46 0.18771976026956 WALKING_DOWNSTAIRS T 46 0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.0607892037384 WALKING_DOWNSTAIRS T 46 -0.2310641566152 WALKING_DOWNSTAIRS T 46 0.148951103 WALKING_DOWNSTAIRS T NA 46 0.148951103 WALKING_DOWNSTAIRS T NA 46 0.091407675	ime 65 ime 826 ime 913 ime 5 ime 783 ime 17 ime 5360 ime 7326 ime	NA Body Body Body Body Body Body Body 87 Body 087	Gyroscope Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	Jerk eter eter eter eter eter	Magni NA NA NA NA NA	Ltude NA NA NA NA NA NA Magni	SD Mean Mean SD SD SD SD

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Y
     46
          -0.0113826178208696
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
     46
          -0.00939838078195652
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
          -0.103436471413043
X
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.304063534173913
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                               SD
                                                    Jerk NA
Z
          -0.536331570652174
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
          46
                -0.221631694184783
Mean NA
17
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
          46
                -0.206576683876087
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                0.928817578043478
Mean X
          46
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
          46
                -0.151077057652174
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          46
                -0.160962985956522
     WALKING DOWNSTAIRS
17
                         Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.950026242173913
          46
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.946576675652174
          46
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                -0.901097766521739
SD
          46
17
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
                                                          NA
Magnitude Mean NA
                          0.148951103536087
                     46
17
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          0.0914076757326087
Magnitude SD
               NA
                     46
17
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          Mean X
     -0.316412962967391
46
17
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          Mean Y
46
     -0.451126869347826
                                     Gyroscope NA
17
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                          Mean Z
46
     -0.403380386086957
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                    NA
                                                          SD
                                                               Х
46
     -0.393194731747826
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
                          Freq NA
46
     -0.469390428043478
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                          SD
                                                               Z
                          Freq NA
                                                    NA
46
     -0.540949520217391
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
NA
     46
          -0.40943875826087
17
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                    Magnitude SD
                          Freq NA
NA
     46
          -0.428868687826087
17
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
          -0.57734888
NA
     46
```

17 NA	WALKING_DOWNSTAIRS 46 -0.643399203913	_	NA	Gyroscope	Jerk	Magni	tude	SD
NA 17	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
X 17	46 -0.022623917124 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Y 17	<b>—</b>		Body	Accelerome	eter	NA	NA	Mean
Z 17	46 -0.3180818605 WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
X 17	46 0.2589416763021 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y 17	<u>—</u>	Freq	Body	Accelerome	eter	NA	NA	SD
Z 17	46 -0.245413541641 WALKING_DOWNSTAIRS	Freq	_	Accelerome	eter	NA	Magni	itude
Mean 17	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magni	itude
SD 17	NA 46 -0.0618876 WALKING_DOWNSTAIRS	Freq		Accelerome	eter	Jerk	NA	Mean
X 17	46 -0.215092049054 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y 17	46 -0.351268404347 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
z 17	46 -0.498668458043 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
X 17	46 -0.071876703267 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y 17	46 -0.298931144913 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
z 17	46 -0.573043711086 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magni	itude
Mean 17	NA 46 -0.1886803 WALKING DOWNSTAIRS	99771	L739				_	
SD 17	NA 46 -0.2365385 WALKING UPSTAIRS	_	7826	Gyroscope		NA	Mean	
48 17	-0.0304250571395833 WALKING UPSTAIRS	Time		Gyroscope		NA	Mean	
48 17	-0.0548455941370417 WALKING UPSTAIRS	Time		Gyroscope		NA	Mean	
48 17	0.0560931358145833 WALKING UPSTAIRS	Time		Gyroscope		NA	SD	X
48	-0.496562732729167							
17 48	WALKING_UPSTAIRS -0.493044125208333	Time		Gyroscope		NA	SD	Y
17 48	WALKING_UPSTAIRS -0.234402350714583	Time		Gyroscope		NA	SD	Z
17	WALKING_UPSTAIRS	Time	ΝĀ	Gyroscope	ΝA	Magni	Ltude	Mean

NA	48 -0.23519124909166	7					
17		ne NA	Gyroscope	NA	Magn	itude	SD
NA	48 -0.440837260125						
17	<del>_</del>	ne NA	Gyroscope	Jerk	NA	Mean	X
48 17	-0.142655397660417	ma NIA	Curagana	Torle	NT 70	Moon	V
1 / 48	WALKING_UPSTAIRS Tir -0.0414496328508333	ne NA	Gyroscope	Jerk	NA	Mean	Y
17		ne NA	Gyroscope	Jerk	NA	Mean	7.
48	-0.0223482086545833		-1				_
17	WALKING_UPSTAIRS Time	ne NA	Gyroscope	Jerk	NA	SD	X
48	-0.606044344375						
17	<u> </u>	ne NA	Gyroscope	Jerk	NA	SD	Y
48	-0.676722847708333		Q	T1-	37.7	a D	7
17 48	WALKING_UPSTAIRS Tir -0.610586202291667	ne NA	Gyroscope	Jerk	NA	SD	Z
40 17		ne NA	Gyroscope	Jerk	Magn	itude	Mean
NA	48 -0.637367490625		o <sub>1</sub> ropoopo	00111	1149111	Loudo	110411
17	WALKING_UPSTAIRS Tim	ne NA	Gyroscope	Jerk	Magn	itude	SD
NA	48 -0.68231162875						
17	<b>—</b>	ne Body	Accelerome	eter	NA	NA	Mean
X	48 0.252604768583333		7 1	. 1	373		M = = ==
17 Y	WALKING_UPSTAIRS Tim 48 -0.022864561430833	_	Accelerome	eter	NA	NA	Mean
17			Accelerome	oter	NA	NA	Mean
Z	48 -0.12129044210416	_	710001010III0		1421	1411	nean
17			Accelerome	eter	NA	NA	SD
X	48 -0.062952754100625	5					
17	<del>_</del>	_	Accelerome	eter	NA	NA	SD
Y	48 -0.013172101439583						a n
17 Z	WALKING_UPSTAIRS Time 48 -0.230220954239583	_	Accelerome	eter	NA	NA	SD
<u> </u>			Accelerome	oter	NA	Magn	itude
Mean	<u>—</u>	_	necercionic	CCI	1421	nagni	reade
17			Accelerome	eter	NA	Magn	itude
SD	NA 48 -0.1028777303	3875					
17	<u> </u>	ne Body	Accelerome	eter	Jerk	NA	Mean
X	48 0.07680441704375	_ •			_ ,		
17	WALKING_UPSTAIRS Tir 48 0.03083565139375	ne Body	Accelerome	eter	Jerk	NA	Mean
Y 17		ne Body	Accelerome	ator	Jerk	NΔ	Mean
Z	48 0.0075953384645833	_	Accelerome	CCI	DELK	IVA	riedii
_ 17			Accelerome	eter	Jerk	NA	SD
X	48 -0.292665827083333	_					
17	<u> </u>	_	Accelerome	eter	Jerk	NA	SD
Y	48 -0.34979187322916		_				
17	WALKING_UPSTAIRS Time	_	Accelerome	eter	Jerk	NA	SD
Z	48 -0.65743083604166	1					

17	WALKING_UPSTAIRS		_	Acce	Lerome	eter	Jerk	Magn	itude
Mean 17				Acce	Lerome	eter	Jerk	Magn	itude
SD 17	NA 48 -0.390912 WALKING UPSTAIRS			: +++	7.000	loroma	o+or	<b>NT 7</b> 0	NA
Mean	<del>-</del>			rcy	Acce.	rerome	scer	NA	NA
17 Mean	WALKING_UPSTAIRS Y 48 -0.284153			ity	Acce	lerome	eter	NA	NA
17	WALKING_UPSTAIRS			ity	Acce	lerome	eter	NA	NA
Mean 17	Z 48 -0.298171 WALKING UPSTAIRS			i + 37	Acce	lerome	ator	NA	NA
SD	X 48 -0.949460			LCy	Acce	rerome	cer	IVA	ŊA
17 SD	WALKING_UPSTAIRS Y 48 -0.915973		Gravi	ity	Accel	lerome	eter	NA	NA
17	WALKING_UPSTAIRS	Time		ity	Acce	lerome	eter	NA	NA
SD 17	Z 48 -0.930159 WALKING UPSTAIRS			i + 37	Acce	lerome	otor	NA	
Magn	itude Mean NA 48	-0.0	128062	227691	16667			1421	
17 Magn	WALKING_UPSTAIRS itude SD NA 48		Grav:	_		lerome	eter	NA	
17	WALKING_UPSTAIRS		NA			NA	NA	Mean	X
48 17	-0.416223018291667 WALKING UPSTAIRS	Freq	NΔ	Gyros	scope	NΔ	NA	Mean	V
48	-0.521435415208333	rreq	1421	Gyro.	осорс	1421	1171	neun	-
17 48	WALKING_UPSTAIRS -0.324273713333333	Freq	NA	Gyros	scope	NA	NA	Mean	Z
17	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	X
48 17	-0.5244683916875 WALKING UPSTAIRS	Freq	NΙΔ	Gyros	scope	NΙΔ	NA	SD	Y
48	-0.481154119791667	rreq	IVA	GYLOS	scope	IVA	IVA	שט	1
17 48	WALKING_UPSTAIRS -0.2778914704375	Freq	NA	Gyros	scope	NA	NA	SD	Z
17	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	Mean
NA 17	48 -0.50406695687 WALKING UPSTAIRS	5 Freq	NΙΆ	Gyros	scope	NΙΛ	Magn	itude	gn.
NA	48 -0.49644457979	_	IVA	GYLOS	scope	IVA	magii.	rcude	שט
17	WALKING_UPSTAIRS 48 -0.66900876354	Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA 17	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	SD
NA 17	48 -0.7241557425 WALKING UPSTAIRS	Erog	Podrz	7 a a a -	loroma	otor	NT 7N	<b>NT 7</b> 0	Moan
X	48 -0.13975222126	_	Body	Acce	rerome	erer	NA	NA	Mean
17 Y	WALKING_UPSTAIRS 48 -0.1175197356	Freq	Body	Acce	Lerome	eter	NA	NA	Mean
17	48 -0.1175197356 WALKING_UPSTAIRS	Freq	Body	Acce	Lerome	eter	NA	NA	Mean
Z 17	48 -0.39992349456		_ Dod	7~~-	l 0 0 :	n+	NT 7A	<b>7</b> . 7. 7.	CD.
17	WALKING_UPSTAIRS	rreq	Body	ACCE.	rerome	eter	NA	NA	SD

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Х
     48
          -0.0355381172854167
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Y
     48
          -0.0252781736083333
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Z
          -0.2048157105
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
               -0.150305643291667
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
                -0.217393170604167
     NA
          48
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
     48
          -0.360272225833333
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
     48
          -0.37705192875
                                                               Mean
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
          -0.633017707916667
Z
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
          -0.287219038291667
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.365114263583333
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
     48
          -0.680325770833333
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          48
                -0.360299853125
17
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                -0.437383107916667
SD
     NA
          48
18
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
65
     -0.02517618068
     LAYING
18
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
     -0.0837587308153846
65
18
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          65
0.0937781948153846
18
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
65
     -0.992872598
18
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
65
     -0.984202872923077
18
                                                     Z
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
65
     -0.985108386307692
18
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
65
     -0.980740846769231
18
                          Gyroscope NA
                                          Magnitude SD
     LAYING
                Time NA
                                                          NA
65
     -0.980560877846154
18
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                               Mean X
     -0.0997154236307692
65
18
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                               Mean Y
65
     -0.0393440191846154
                          Gyroscope Jerk NA
18
     LAYING
                Time NA
                                               Mean Z
     -0.0593135986615385
65
```

18	LAYING		_	scope	Jerk	NA	SD	X		
65 18	-0.996104			scope	Jerk	NA	SD	Y		
65	-0.990547		-							
18	LAYING	Time NA	Gyro	scope	Jerk	NA	SD	Z		
65	-0.992548				_		_			
18	LAYING		_	scope	Jerk	Magn	itude	Mean	NA	
65 18	-0.993095 LAYING			scope	Tork	Magn	i + 11d0	GD.	NA	
65	-0.992153		. Gylo	scope	DELK	mayii.	Ltude	ענ	IVA	
18	LAYING		dy Acce	lerome	eter	NA	NA	Mean	X	65
	4691576923		1							
18	LAYING	Time Bo	dy Acce	lerome	eter	NA	NA	Mean	Y	
65	-0.017393									
18	LAYING		_	lerome	eter	NA	NA	Mean	Z	
65	-0.107698			-				~-		
18 65	LAYING -0.984527		_	lerome	eter	NA	NA	SD	X	
18	LAYING			larome	a+ar	NA	NA	SD	Y	
65	-0.986160			Terome	CCI	IVA	IVA	שמ	1	
18	LAYING			lerome	eter	NA	NA	SD	Z	
65	-0.987658		_							
18	LAYING	Time Bo	dy Acce	lerome	eter	NA	Magni	itude	Mean	NA
65	-0.986456									
18	LAYING		_	lerome	eter	NA	Magni	Ltude	SD	NA
65 18	-0.986464			loroma	+02	Tords	NT 70	Moon	v	65
	LAYING 4998501076		dy Acce	Terome	erer	perk	NA	Mean	Λ	65
18	LAYING		dv Acce	lerome	eter	Jerk	NA	Mean	Υ	65
	1701896141		-1 -11000				_,		_	
18	LAYING	Time Bo	dy Acce	lerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
65	-0.001213	44813430	769							
18	LAYING		-	lerome	eter	Jerk	NA	SD	X	
65	-0.985921			-		- 1		an		
18 65	LAYING -0.985554		_	rerome	eter	Jerk	NA	SD	Y	
18	LAYING	Time Bo		lerome	eter	Jerk	NA	SD	Z	
65	-0.990660		_	1010111		CCIN	1111	U.D	_	
18	LAYING			lerome	eter	Jerk	Magni	itude	Mean	NA
65	-0.988321	54	_							
18	LAYING		dy Acce	lerome	eter	Jerk	Magni	itude	SD	NA
65	-0.989526			_						
18	LAYING		-	Acce]	Lerome	eter	NA	NA	Mean	X
65		E 0 0 0 7 7 0 0	2							
		50907692		λααα	loroma	otor	NT 7	NT 7	Moan	v
18	LAYING	Time Gr	avity	Accel	Lerome	eter	NA	NA	Mean	Y
		Time Gr 03692308	avity				NA NA	NA NA	Mean Mean	

<b>6 F</b>	0 6054050	17600000								
65	0.6054953			<b>3</b> 3			377	377	αD	37
18	LAYING		ıty	Accel	Lerome	eter	NA	NA	SD	X
65 18	-0.982715 LAYING		i + + + +	λααοΊ	Lerome	ator	NT 7N	NA	SD	Y
65	-0.994093		rcy	Acce	rerome	scer	NA	NA	מפ	ĭ
18	LAYING		i + 37	Acce]	loroma	ator	NA	NA	SD	Z
65	-0.990957		rcy	Accel	rerome	erer	IVA	INA	עפ	Z
18		Z49550402 Time Grav:	i + **	λααοΊ	Lerome	ator	NA	Magn	itude	Moan
NA		8645624153	-	Accel	rerome	ecer	IVA	Magii.	Luue	Mean
18	LAYING	Time Grav		Acce	larome	ator	NA	Magn:	itude	GD.
NA		8646454261	-	ACCC	LCLOIII		1471	nagiii	Lcuuc	DD
18	LAYING			scone	NΔ	NA	Mean	X		
65		927692308	dyro.	зсорс	1121	1421	nean	21		
18	LAYING	Freq NA	Gyros	scope	NΑ	NA	Mean	Y		
65	-0.985611	_	OJ I O.	зоорс	1111	1111	mean	-		
18	LAYING		Gyros	scope	NA	NA	Mean	7.		
65	-0.984999	=	-1					_		
18	LAYING		Gvros	scope	NA	NA	SD	Х		
65	-0.993019	-	2	_						
18	LAYING	Freq NA	Gyros	scope	NA	NA	SD	Y		
65	-0.983457	774923077	-	-						
18	LAYING	Freq NA	Gyros	scope	NA	NA	SD	Z		
65	-0.986483	048153846	_	_						
18	LAYING	Freq NA	Gyros	scope	NA	Magn	itude	Mean	NA	
65	-0.984329	092153846								
18	LAYING	Freq NA	Gyros	scope	NA	Magn	itude	SD	NA	
65	-0.981468	841692308								
18	LAYING	Freq NA	Gyros	scope	Jerk	Magn	itude	Mean	NA	
65	-0.991901	007538462								
18	LAYING	Freq NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
65	-0.992737									
18	LAYING	Freq Body	Acce.	lerome	eter	NA	NA	Mean	X	
65	-0.985179		_	_						
18	LAYING	Freq Body	Accel	lerome	eter	NA	NA	Mean	Y	
65	-0.984909			_					_	
18	LAYING	Freq Body	Acce.	Lerome	eter	NA	NA	Mean	Z	
65	-0.988606							~-		
18	LAYING	Freq Body	Acce.	Lerome	eter	NA	NA	SD	X	
65	-0.984321			1		373	373	an	77	
18	LAYING		Acce.	Lerome	eter	NA	NA	SD	Y	
65 10	-0.986746		7 0 0 0	loroma	+02	NT 7N	NT 7N	CD	7	
18	LAYING	Freq Body	Acce.	rerome	eter	NA	NA	SD	Z	
65 10	-0.987224		7 0 0 0	loroma	+02	<b>3</b> .T.73.	Magn	: + d o	Moon	NT 7N
18 65	LAYING -0.986788	Freq Body	ACCE.	ret Olle	FLET	NA	mayii.	itude	meall	INA
18	LAYING	Freq Body	Acco	laromo	ter	NA	Magn	itude	GD.	NA
65	-0.987648		ACCE.	ret Olle	- CCT	IAV	mayıı.	Luue	עט	INT
0.5	-0.90/040	10110133								

```
Freq Body Accelerometer
18
     LAYING
                                          Jerk NA
                                                     Mean X
65
     -0.986404709384615
18
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
     LAYING
65
     -0.985865325230769
               Freq Body Accelerometer
18
     LAYING
                                          Jerk NA
                                                     Mean Z
     -0.989116865846154
65
18
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
     LAYING
65
     -0.986641245846154
18
               Freq Body Accelerometer
                                                          Υ
     LAYING
                                          Jerk NA
                                                     SD
65
     -0.986210701230769
                                                          Z
18
               Freq Body Accelerometer
                                                     SD
     LAYING
                                          Jerk NA
65
     -0.990744752923077
18
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
65
     -0.988548418307692
18
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
65
     -0.989710656769231
18
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
57
     -0.0333057034385965
18
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
57
     -0.0685796341105263
     SITTING
                                                          57
18
               Time NA
                          Gyroscope NA
                                                Mean Z
                                          NA
0.0848140511754386
18
                          Gyroscope NA
                                                     Х
     SITTING
               Time NA
                                          NA
                                                SD
57
     -0.991956958947368
18
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
57
     -0.986753343859649
                                                     \mathbf{Z}
18
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
57
     -0.981525495438596
18
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
57
     -0.977634992105263
18
     SITTING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
57
     -0.981372675614035
18
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                Mean X
57
     -0.0954723233684211
18
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Y
57
     -0.0397125591491228
                          Gyroscope Jerk NA
18
     SITTING
               Time NA
                                                Mean Z
57
     -0.0523030404789474
18
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
57
     -0.994170190701754
18
     SITTING
                                                     Υ
                Time NA
                          Gyroscope Jerk NA
                                                SD
57
     -0.994224162105263
18
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Z
57
     -0.992814325087719
18
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
57
     -0.994873439824561
18
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
```

57	-0.994868	913508	3772							
18	SITTING			Acce]	Lerometer	NA	NA	Mean	X	57
	7270018771		1							
18	SITTING	Time	Body	Acce]	Lerometer	NA	NA	Mean	Y	
57	-0.012869	127973	36842							
18	SITTING		_	Acce]	Lerometer	NA	NA	Mean	Z	
57	-0.111904			_						
18	SITTING		_	Acce]	Lerometer	NA	NA	SD	X	
57 18	-0.994347			7.000	aromatar	NA	NA	SD	Y	
57	-0.974928		_	Accel	Lerometer	IVA	NA	עמ	1	
18	SITTING			Accel	Lerometer	NA	NA	SD	Z	
57	-0.977572		_	110001	-01.00001	1111	-11-1	22	_	
18	SITTING	Time	Body	Acce]	Lerometer	NA	Magni	itude	Mean	NA
57	-0.983674	151754	1386				_			
18	SITTING		_	Acce]	Lerometer	NA	Magni	itude	SD	NA
57	-0.981595									
18	SITTING	Time	Body	Acce]	Lerometer	Jerk	NA	Mean	X	57
	6622889	m.:	D1	37		T1-	377	M = = ==	37	F 7
18	SITTING 6945602894		воау	Accel	Lerometer	Jerk	NA	Mean	Y	57
18	SITTING		Body	Accel	Lerometer	Jerk	NΔ	Mean	7.	57
	2787570420		Боау	HCCCI		OCIA	1421	ricuii	2	37
18	SITTING		Body	Acce]	Lerometer	Jerk	NA	SD	Х	
57	-0.991624		_							
18	SITTING	Time	Body	Acce]	Lerometer	Jerk	NA	SD	Y	
57	-0.984002	717017	7544							
18	SITTING		_	Acce]	Lerometer	Jerk	NA	SD	$\mathbf{Z}$	
57	-0.990153					_ ,				
18 57	SITTING -0.989869		_	Accel	Lerometer	Jerk	Magni	Ltude	Mean	NA
18	SITTING			Accel	Lerometer	Tork	Magni	i + 11de	GD.	NA
57	-0.991159		-	Accel	rerometer	DELK	Magiii	Lcude	SD	IVA
18	SITTING		Gravi	Lty	Accelero	meter	NA	NA	Mean	Х
57	0.9098164			4						
18	SITTING	Time	Gravi	ty	Accelero	meter	NA	NA	Mean	Y
57	0.1298864									
18	SITTING		Gravi	_ty	Accelero	meter	NA	NA	Mean	Z
57	0.1618774								~-	
18	SITTING		Gravi	_ty	Accelero	meter	NA	NA	SD	X
57 18	-0.994043		3509 Gravi	+	Accelero	motor	NA	NA	SD	Y
57	-0.984035			LLY	Acceleto	meter	IVA	IVA	עמ	1
18	SITTING		Gravi	tv	Accelero	meter	NA	NA	SD	Z
57	-0.978340			1			-1	-1		_
18	SITTING		Gravi	Lty	Accelero	meter	NA	Magn	itude	Mean
NA	57 -0.9	836741		_				-		

```
18
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
          -0.981595285964912
     57
18
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
57
     -0.989961500350877
18
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
57
     -0.988702701403509
18
     SITTING
                          Gyroscope NA
                                                Mean Z
                Freq NA
                                          NA
57
     -0.983027386491228
18
                          Gyroscope NA
                                                SD
                                                     Х
     SITTING
                Freq NA
                                          NA
57
     -0.992575399473684
18
                          Gyroscope NA
                                                     Y
     SITTING
                Freq NA
                                          NA
                                                SD
57
     -0.985710087894737
18
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
57
     -0.98279727631579
18
                          Gyroscope NA
                                          Magnitude Mean NA
     SITTING
                Freq NA
57
     -0.986535242105263
18
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     SITTING
                Freq NA
57
     -0.981252632807018
18
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
57
     -0.99480818754386
18
     SITTING
                          Gyroscope Jerk Magnitude SD
                Frea NA
                                                          NA
57
     -0.994967621754386
18
                Freq Body Accelerometer
                                                NA
                                                     Mean X
     SITTING
                                          NA
     -0.993144920175439
57
18
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
57
     -0.976538530350877
18
                Freq Body Accelerometer
     SITTING
                                          NA
                                                NA
                                                     Mean Z
57
     -0.982996441403509
18
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
     -0.994906565789474
57
18
                Freq Body Accelerometer
                                                          Y
     SITTING
                                          NA
                                                NA
                                                     SD
57
     -0.974980068596491
18
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
57
     -0.975722121403509
18
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
     SITTING
57
     -0.984781467192982
18
                Freq Body Accelerometer
     SITTING
                                          NA
                                                Magnitude SD
                                                                NA
57
     -0.982226151578947
18
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
57
     -0.991924709824561
18
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
57
     -0.983642391578947
18
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     -0.988689671578947
57
18
     SITTING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
57
     -0.992039060701754
18
     SITTING
                Freq Body Accelerometer
                                                     SD
                                                          Y
                                          Jerk NA
```

57	-0.985694744385965							
18		Accelerome	eter	Jerk	NA	SD	Z	
57	-0.990141676315789							
18	SITTING Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
57	-0.990407075964912							
18	SITTING Freq Body	Accelerome	eter	Jerk	Magn	itude	SD	NA
57 18	-0.991044297894737 STANDING Time NA	Curogana	NT 7\	NT 7N	Moan	v		
73	-0.0265873248835616	Gyroscope	NA	NA	Mean	Λ		
18	STANDING Time NA	Gyroscope	NA	NA	Mean	Y		
73	-0.0732260127945206	-1				_		
18	STANDING Time NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$	73	
0.084	43190675616438							
18	STANDING Time NA	Gyroscope	NA	NA	SD	X		
73	-0.962254249589041							
18	STANDING Time NA	Gyroscope	NA	NA	SD	Y		
73	-0.980417134246575		377	373	a D			
18	STANDING Time NA -0.972820402739726	Gyroscope	NA	NA	SD	Z		
73 18	STANDING Time NA	Gyroscope	NΤΛ	Magn	itude	Moan	NΤΛ	
73	-0.963006793150685	Gyroscope	IVA	Magii.	Luue	Mean	IVA	
18	STANDING Time NA	Gyroscope	NA	Magn:	itude	SD	NA	
73	-0.959797118082192	0,1000000	_,				_,	
18	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Х		
73	-0.0987174024657534							
18	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Y		
73	-0.0406573412739726							
18	STANDING Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
73	-0.0532384453013699	_						
18	STANDING Time NA	Gyroscope	Jerk	NA	SD	X		
73 18	-0.981970965890411 STANDING Time NA	Gyroscope	Tork	NT 7\	SD	Y		
73	-0.991151973150685	Gyroscope	Jerk	IVA	עס	1		
18	STANDING Time NA	Gyroscope	Jerk	NA	SD	Z		
73	-0.986259015753425	0,1000000		_,		_		
18	STANDING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
73	-0.988685954931507			_				
18	STANDING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
73	-0.988519665753425							
18	STANDING Time Body	Accelerome	eter	NA	NA	Mean	X	73
	3458805890411							
18	STANDING Time Body	Accelerome	eter	NA	NA	Mean	Y	
73 18	-0.0166353518150685 STANDING Time Body	Aggoloroma	)+or	NT 7A	NT 7A	Moan	7	
18 73	STANDING Time Body -0.108453355945205	Accetetoile	CET	NA	NA	Mean	ப	
18	STANDING Time Body	Accelerome	eter	NA	NA	SD	Х	
73	-0.992019762739726			-,	-,			

18 73	STANDING -0.954223	Time Body	Acce:	lerome	eter	NA	NA	SD	Y	
18		Time Body	Acce	lerome	eter	NA	NA	SD	Z	
73	-0.961873	909178082								
18	STANDING	Time Body	Acce	lerome	eter	NA	Magn	itude	Mean	NA
73	-0.972607	495342466								
18		Time Body	Acce	lerome	eter	NA	Magn	itude	SD	NA
73 18	-0.972285	5454/9452 Time Body	ACCE	lerome	ster	Jerk	NΔ	Mean	x	73
	5353948232	_	11000	TCT OIII	2001	OCIN	1421	iicuii	21	7.5
18		Time Body	Acce	lerome	eter	Jerk	NA	Mean	Υ	73
	0469871841	_				0 0 2 1 1			_	
18		Time Body	Acce	lerome	eter	Jerk	NA	Mean	Z	
73		4048019178								
18	STANDING	Time Body	Acce	lerome	eter	Jerk	NA	SD	X	
73	-0.989436	_								
18	STANDING	Time Body	Acce	lerome	eter	Jerk	NA	SD	Y	
73	-0.975277	_								
18	STANDING	Time Body	Acce	lerome	eter	Jerk	NA	SD	Z	
73	-0.988455									
18	STANDING	Time Body	Acce	lerome	eter	Jerk	Magn	itude	Mean	NA
73	-0.985965	-					,			
18	STANDING	Time Body	Acce	lerome	eter	Jerk	Magn	itude	SD	NA
73	-0.986015	_					,			
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	Mean	X
73	0.9475732	39863014	-							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	Mean	Y
73	-0.204206	320958904	_							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	Mean	$\mathbf{Z}$
73	-0.048576	7106575342	: -							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	SD	X
73	-0.994270	075205479	_							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	SD	Y
73	-0.981335		_							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	NA	SD	$\mathbf{Z}$
73	-0.976044	291369863	_							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	Magn	itude	Mean
NA	73 -0.9	7260749534	2466							
18	STANDING	Time Grav	rity	Acce	lerome	eter	NA	Magn	itude	SD
NA	73 -0.9	7228554547	9452					_		
18	STANDING	Freq NA	Gyro	scope	NA	NA	Mean	X		
73	-0.964428	_	-	-						
18	STANDING	Freq NA	Gyro	scope	NA	NA	Mean	Y		
73	-0.983561	-	-	-						
18	STANDING	Freq NA	Gyro	scope	NA	NA	Mean	$\mathbf{Z}$		
73	-0.974294	-	_	-						
18	STANDING	Freq NA	Gyro	scope	NA	NA	SD	X		
		_	_	_						

```
73
     -0.962272711643836
18
     STANDING Freq NA
                         Gyroscope NA
                                              SD
                                                   Y
                                         NA
73
     -0.978801848493151
18
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Z
73
     -0.974822589589041
18
                         Gyroscope NA
                                         Magnitude Mean NA
     STANDING Freq NA
73
     -0.972352593013699
18
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
73
     -0.95911345739726
18
     STANDING
               Freq NA
                         Gyroscope Jerk Magnitude Mean NA
73
     -0.988960668767123
18
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                        NA
73
     -0.988407465205479
18
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
73
     -0.990409919315068
18
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Y
73
     -0.961239135479452
18
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Z
73
     -0.975772813972603
18
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Χ
73
     -0.992789068493151
18
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Y
73
     -0.952911994794521
     STANDING Freq Body Accelerometer
18
                                         NA
                                              NA
                                                   SD
                                                        Z
73
     -0.957216177945206
18
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
73
     -0.976797646027397
     STANDING
18
               Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                              NA
73
     -0.973264853561644
18
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean X
73
     -0.989544971232877
18
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Y
73
     -0.975243689589041
     STANDING Freq Body Accelerometer
18
                                         Jerk NA
                                                   Mean Z
73
     -0.986265653561644
18
     STANDING Freq Body Accelerometer
                                                        Х
                                         Jerk NA
                                                   SD
73
     -0.990287933424657
18
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Y
73
     -0.977179032191781
18
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Z
73
     -0.989275839041096
18
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
73
     -0.984987073150685
18
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
73
     -0.986277356712329
18
     WALKING
               Time NA
                         Gyroscope NA
                                         NA
                                              Mean X
56
     -0.0399399716026786
```

18	WALKING	Time	NA	Gyroscope	NA	NA	Mean	Y		
56	-0.061372	73629	75							
18	WALKING	Time	NA	Gyroscope	NA	NA	Mean	Z	56	
0.09	4471839462	5								
18	WALKING	Time	NA	Gyroscope	NA	NA	SD	X		
56	-0.704439	7775								
18	WALKING	Time	NA	Gyroscope	NA	NA	SD	Y		
56	-0.496431	539642	2857							
18	WALKING	Time	NA	Gyroscope	NA	NA	SD	Z		
56	-0.511417	20482	1429							
18	WALKING	Time	NA	Gyroscope	NA	Magn	itude	Mean	NA	
56	-0.500471	14785	7143							
18	WALKING	Time	NA	Gyroscope	NA	Magn	itude	SD	NA	
56	-0.608510	09125								
18	WALKING	Time	NA	Gyroscope	Jerk	NA	Mean	X		
56	-0.096643	52956	42857							
18	WALKING	Time	NA	Gyroscope	Jerk	NA	Mean	Y		
56	-0.043377	11258	75							
18	WALKING	Time	NA	Gyroscope	Jerk	NA	Mean	Z		
56	-0.050263	15681	75	1 1						
18	WALKING	Time	NA	Gyroscope	Jerk	NA	SD	Х		
56	-0.578133			2 1						
18	WALKING	Time		Gyroscope	Jerk	NA	SD	Y		
56	-0.694925			2 1						
18	WALKING	Time		Gyroscope	Jerk	NA	SD	Z		
56	-0.663259			-7				_		
18	WALKING	Time		Gyroscope	Jerk	Magn	itude	Mean	NA	
56	-0.636485			-7						
18	WALKING	Time		Gyroscope	Jerk	Magn	itude	SD	NA	
56	-0.726591			-7						
18	WALKING			Accelerome	eter	NA	NA	Mean	Х	56
	3887758571									
18	WALKING		Body	Accelerome	eter	NA	NA	Mean	Y	
56	-0.017802		_						_	
18	WALKING			Accelerome	oter	NA	NA	Mean	7.	
56	-0.104218		_	7100010110	CCI	1411	1421	ncun	_	
18	WALKING			Accelerome	ater	NA	NA	SD	X	
56	-0.376005		Боау	ACCCICIONC	CCI	1477	1471	DD	Λ	
18	WALKING		Body	Accelerome	a+or	NA	NA	SD	Y	
56	-0.227005			Accelerome	sce1	IVA	IVA	שט	T	
18	WALKING			Accelerome	o+or	NA	NA	SD	Z	
56	-0.428348		_	Accelerome	sce1	IVA	IVA	שט	4	
18	WALKING			Accelerome	o+or	NA	Magn	: + 11do	Moan	NT 7N
			_	Acceletome	scer	INA	Magii.	Luue	Mean	IVA
56 18	-0.287908			700010000	n+ 0 ~	NT 7\	M ~ ~ ~ -	; +,,,,,,,	GD.	<b>7</b> , T <i>T</i>
	WALKING -0.460346		_	Accelerome	= LeI	NA	mayıı.	itude	עפ	NA
56 10				Aggolomom:	n+ 0 ~	Torle	NT 7A	Moor	v	5 <i>6</i>
18	WALKING	ттше	воау	Accelerome	erer	Jerk	NA	Mean	Λ	56

0.0767524278392857						
	y Accelerome	eter Jerk	NA	Mean	Y	56
0.0282745481892857						
_	y Accelerome	eter Jerk	NA	Mean	Z	56
0.010685091						
<del>-</del>	y Accelerome	eter Jerk	NA	SD	X	
56 -0.368056913928571 18 WALKING Time Body	y Accelerome	eter Jerk	NT 7\	SD	Y	
56 -0.320158763392857	y Acceleronie	scer nerv	IVA	עמ	T	
18 WALKING Time Body	/ Accelerome	eter Jerk	NA	SD	Z	
56 -0.633325860714286						
18 WALKING Time Body	y Accelerome	eter Jerk	Magn	itude	Mean	NA
56 -0.379269262142857						
18 WALKING Time Body	y Accelerome	eter Jerk	Magn	itude	SD	NA
56 -0.42541866125						
18 WALKING Time Grav	vity Acce.	lerometer	NA	NA	Mean	X
56 0.92386524875 18 WALKING Time Grav	ritu Aggo	loromotor	NA	NA	Moan	v
56 -0.254317085892857	vity Acce.	rerometer	NA	NA	Mean	1
18 WALKING Time Grav	vitv Acce	lerometer	NA	NA	Mean	Z
56 -0.0609313415892857	_					
18 WALKING Time Grav	vity Acce	lerometer	NA	NA	SD	X
56 -0.983010882678571						
18 WALKING Time Grav	vity Acce	lerometer	NA	NA	SD	Y
56 -0.975311658928571						_
18 WALKING Time Grav	vity Acce.	lerometer	NA	NA	SD	$\mathbf{Z}$
56 -0.97248384875 18 WALKING Time Grav	rity Aggo	lerometer	NA	Magn	itude	Moan
NA 56 -0.28790807803	_	rerometer	IVA	Magii	Ltude	Mean
18 WALKING Time Grav		lerometer	NA	Magn	itude	SD
NA 56 -0.46034646535	-					
18 WALKING Freq NA	Gyroscope	NA NA	Mean	X		
56 -0.609673434464286						
18 WALKING Freq NA	Gyroscope	NA NA	Mean	Y		
56 -0.570898150714286	a			_		
18 WALKING Freq NA 56 -0.538152344821429	Gyroscope	NA NA	Mean	Z		
18 WALKING Freq NA	Gyroscope	NA NA	SD	X		
56 -0.734901390178571	dyroscope	NA NA	שט	Λ		
18 WALKING Freq NA	Gyroscope	NA NA	SD	Y		
56 -0.460890661785714	1 1					
18 WALKING Freq NA	Gyroscope	NA NA	SD	$\mathbf{Z}$		
56 -0.54840977125						
18 WALKING Freq NA	Gyroscope	NA Magn	itude	Mean	NA	
56 -0.620331394285714	<b>G</b> arage	373		an.	373	
18 WALKING Freq NA	Gyroscope	NA Magn	itude	รบ	NA	
56 -0.668908146607143						

18 56	WALKING Freq NA -0.710596311071429	Gyroscope Jerk	Magni	tude	Mean	NA	
18 56	WALKING Freq NA -0.769408385535714	Gyroscope Jerk	Magni	tude	SD	NA	
18 56	WALKING Freq Body -0.37147515625	Accelerometer	NA	NA	Mean	X	
18 56	WALKING Freq Body -0.24360627125	Accelerometer	NA	NA	Mean	Y	
18	WALKING Freq Body	Accelerometer	NA	NA	Mean	Z	
56 18	-0.48977105125 WALKING Freq Body	Accelerometer	NA	NA	SD	X	
56 18	-0.378068199285714 WALKING Freq Body	Accelerometer	NA	NA	SD	Y	
56 18	-0.267273644642857 WALKING Freq Body	Accelerometer	NA	NA	SD	Z	
56 18		Accelerometer	NA	Magni	itude	Mean	NA
56 18	-0.424386734107143 WALKING Freq Body	Accelerometer	NA	Magni	itude	SD	NA
56 18	-0.565563056964286 WALKING Freq Body	Accelerometer	Jerk	NA	Mean	X	
56 18	-0.414797154464286 WALKING Freq Body	Accelerometer	Jerk	NA	Mean	Y	
56 18	-0.361908549464286 WALKING Freq Body	Accelerometer	Jerk	NA	Mean	Z	
56 18	-0.601147246785714 WALKING Freq Body	Accelerometer	Jerk	NA	SD	X	
56 18	-0.375992795357143 WALKING Freq Body		Jerk	NA	SD	Y	
56 18	-0.320264113035714	Accelerometer	Jerk		SD	Z	
56 18	-0.664327149285714 WALKING Freq Body						NA
56 18	-0.41403775125	Accelerometer					NA
56	-0.444453486071429			_			
18 55	WALKING_DOWNSTAIRS -0.0576548655654545	-	scope		NA	Mean	
18 55	WALKING_DOWNSTAIRS -0.0636214336761818	_	scope		NA	Mean	
18 55	WALKING_DOWNSTAIRS 0.0987471683127273	-	scope		NA	Mean	
18 55	WALKING_DOWNSTAIRS -0.502473033509091	_	scope		NA	SD	X
18 55	WALKING_DOWNSTAIRS -0.617230786	_	scope		NA	SD	Y
18	WALKING_DOWNSTAIRS	Time NA Gyros	scope	NA	NA	SD	Z

55	-0.483658260727273						
18	WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	55 -0.381022814727273		2 1		,		
18	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	Magn	itude	SD
NA	55 -0.507995478327273		_	_			
18	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
55 18	-0.0836566573181818 WALKING DOWNSTAIRS Time	NΤΛ	Gyroscope	Tork	NT 7A	Mean	V
55	-0.0509120258890909	IVA	Gyroscope	DELY	IVA	Mean	I
18	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
55	-0.0570591813909091						
18	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	X
55	-0.676716181636364		_	_ ,			
18	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
55 18	-0.752608622181818 WALKING DOWNSTAIRS Time	NΔ	Gyroscope	Tork	NΔ	SD	Z
55	-0.605655411090909	IVA	dyloscope	OCIK	IVA	SD	2
18	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	55 -0.701663073636364						
18	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA 10	55 -0.744159518909091	D1	<b>3</b> 3	. 1	373	373	26
18 X	WALKING_DOWNSTAIRS Time 55 0.288439468909091	воау	Accelerome	eter	NA	NA	Mean
18		Body	Accelerome	eter	NA	NA	Mean
Y	55 -0.0168666920221818	Dody	11000101011	J 001	1111	1111	ncan
18	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
Z	55 -0.1033908092						
18	<del>_</del>	Body	Accelerome	eter	NA	NA	SD
X 10	55 -0.302634565090909	Dodre	Aggolorom		NT 70	NT 70	CD
18 Y	WALKING_DOWNSTAIRS Time 55 -0.254214045818182	воау	Accelerome	eter	NA	NA	SD
18		Bodv	Accelerome	eter	NA	NA	SD
$\mathbf{Z}$	55 -0.418610127454545	1					
18	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	Magn	itude
Mean							_
18	<u> </u>	_	Accelerome	eter	NA	Magn	itude
SD	NA 55 -0.229934247036		Aggolorom		Jerk	NT 70	Moon
18 X	WALKING_DOWNSTAIRS Time 55 0.0809044045254545	воау	Accelerome	erer	Jerk	NA	Mean
18		Bodv	Accelerome	eter	Jerk	NA	Mean
Y	55 -0.00075706944909090	_					
18	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
$\mathbf{Z}$	55 -0.01417699182						
18	<u> </u>	Body	Accelerome	eter	Jerk	NA	SD
X 18	55 -0.387223932363636	Pod.	Aggolorom	n+ o r	Torle	NT 7A	SD
18 Y	WALKING_DOWNSTAIRS Time 55 -0.447033872545455	ьоцу	Accelerome	erer	Jerk	MA	עט
_	0.11,0000,2040400						

18	WALKING_DOWNSTAIRS		Body	Accel	erome	eter	Jerk	NA	SD
Z 18	55 -0.65124666490 WALKING DOWNSTAIRS		Body	Accel	erome	stor	.Tork	Magn	i + 11de
Mear	<u>—</u>		body	Accei	.CI OIIIC	CCI	UCIK	nagni	Ledde
18	WALKING_DOWNSTAIRS	Time	Body	Accel	erome	eter	Jerk	Magn	itude
SD	NA 55 -0.382517	3332							
18	WALKING_DOWNSTAIRS			ity	Acce]	Lerome	eter	NA	NA
Mear						•			
18 Maar	WALKING_DOWNSTAIRS Y 55 -0.225809			Lty	Accel	Lerome	eter	NA	NA
Mear 18	Y 55 -0.225809 WALKING DOWNSTAIRS			i + 37	Accel	Lerome	ator	NA	NA
	Z 55 -0.049363			LCY	Accel	reronie	s cer	IVA	IVA
18	WALKING DOWNSTAIRS			itv	Accel	Lerome	eter	NA	NA
SD	<u>—</u>				110001		3001	-11-1	1111
18				ity	Acce]	Lerome	eter	NA	NA
SD	Y 55 -0.932962			-					
18	WALKING_DOWNSTAIRS	Time	Gravi	ity	Acce]	Lerome	eter	NA	NA
SD	Z 55 -0.921661								
18	WALKING_DOWNSTAIRS					Lerome	eter	NA	
_	itude Mean NA 55			973636					
18	WALKING_DOWNSTAIRS			_		Lerome	eter	NA	
_	itude SD NA 55			247036		37.7	377	M = = =	v
18 55	WALKING_DOWNSTAIRS -0.489232274509091	Freq	NA	Gyros	cope	NA	NA	Mean	X
18	WALKING DOWNSTAIRS	Freq	NΔ	Gyros	cone	NΔ	NA	Mean	v
55	-0.641527595090909	1109	1421	Gyrob	сорс	1121	1421	ncun	-
18	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
55	-0.447030699454545	-		4	-				
18	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	X
55	-0.513947089545455								
18	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
55	-0.607757979272727								
18	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Z
55	-0.543996110545454		373	<b>a</b>		373	36		26
18	WALKING_DOWNSTAIRS	_	NA	Gyros	cope	NA	Magn	itude	Mean
NA 18	55 -0.60473541436 WALKING DOWNSTAIRS		NT 7N	Gyros	gono	NT 7A	Magn	itude	GD.
NA	55 <b>-</b> 0.53384493214	_	IVA	Gylos	cope	IVA	Magii.	Ltude	שמ
18	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	Jerk	Magn	itude	Mean
NA	55 -0.74423604509	_	-11-1	0,100	ооро	0 0 1 11	114911	Loudo	iiouii
18	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	Jerk	Magn	itude	SD
NA	55 -0.76343080165	_		_	-		,		
18	WALKING_DOWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
X	55  -0.35008679327								
18	WALKING_DOWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
Y	55 -0.30904961381			_					
18	WALKING_DOWNSTAIRS	Freq	Body	Accel	erome.	eter	NA	NA	Mean

Z		505824358		_	_				
18	_	DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
X		285535871636		_	_				
18	_	DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y		273798158			_				
18	_	DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Z		418258649818							
18	_	DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
Mean	NA 55	-0.2419735	53478	1818					
18	WALKING_	DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD	NA 55	-0.3442994	43418	1818					
18	WALKING_	DOWNSTAIRS	Freq	Body	Accelerom	eter	Jerk	NA	Mean
X	55 <b>-</b> 0.	412728286727	7273						
18	WALKING_	DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
Y	55 <b>-</b> 0.	465982666363	3636						
18	WALKING	DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
Z	55 <b>–</b> 0.	622135895090	0909	_					
18	WALKING	DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
X	55 <b>-</b> 0.	416050500909	9091	_					
18	WALKING	DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Y	_	464546054727	_	-					
18	WALKING	DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Z	_	678751080363	_	_					
18		DOWNSTAIRS		Bodv	Accelerome	eter	Jerk	Magn	itude
Mean	_	-0.3833987	_	1					
18		DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magn	itude
SD	NA 55	-0.3865650	_	_					
18		UPSTAIRS	Time		Gyroscope	NΑ	NA	Mean	X
58	_	83915017241			0/202060				
18	WALKING		Time	NA	Gyroscope	NΑ	NA	Mean	Y
58	_	33819862069	1 11110	1411	Суговоорс	1111	1111	mean	-
18	WALKING		Time	NΑ	Gyroscope	NΑ	NA	Mean	7.
58		6478431034		-1-1	2,1000pc	-144	-1-1	110411	_
18	WALKING		Time	ΝА	Gyroscope	NΑ	NA	SD	Х
58	_	1504137931	1 11110	1417	cliopcobe	1411	1417	בט	21
18	WALKING		Time	NΔ	Gyroscope	NΔ	NA	SD	Y
58	_	7003103448	TIME	INT	Cyroscope	11/17	W	עט	1
18		UPSTAIRS	Time	NΙΔ	Gyroscope	NΙΔ	NA	SD	Z
			ттие	TAL	аутовсоре	TAY.	INT	שט	ப
58 18		2212068966	піта	NT 70	Curoccos	NT 74	M	;+,,,,,	Moon
ΤO	WALKING_		Time	NA	Gyroscope	MA	magn	itude	mean
	58 <b>-</b> 0.	3691086		373	C	3.7.73	Masses	: L1-	CD
NA	1.73 T 77 T 7.73		m		LIVEOCCONA	NA	waan:	1 T 11 (1 A	SD
NA 18	WALKING_		Time	NA	Gyroscope	1111	magii.	Luue	
NA 18 NA	58 <b>-</b> 0.	52805813413	7931				_		**
NA 18 NA 18	58 -0. WALKING_	528058134137 UPSTAIRS			Gyroscope		_	Mean	х
NA 18 NA 18 58	58 -0. WALKING_ -0.08999	528058134137 UPSTAIRS 53036658621	7931 Time	NA	Gyroscope	Jerk	NA	Mean	
NA 18 NA 18	58 -0. WALKING_ -0.08999 WALKING_	528058134137 UPSTAIRS	7931	NA		Jerk	NA		

18	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
58 18	-0.0692536211396552 WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	х
58 18	-0.76068902862069 WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
58 18	-0.828872171206897 WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
58 18	-0.718951757931034 WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	Magni	tude	Mean
NA	58 -0.781652689310	0345				_		
18 NA	WALKING_UPSTAIRS 58 -0.835525127933		NA	Gyroscope	Jerk	Magni	itude	SD
18	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
X 18	58 0.2654012018969 WALKING UPSTAIRS		Bodv	Accelerome	eter	NA	NA	Mean
Y	58 -0.02220606843	78914	_					
18 Z	WALKING_UPSTAIRS 58 -0.11265589132		Body	Accelerome	eter	NA	NA	Mean
18	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
X 18	58 -0.380168286724 WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	58 -0.21115512022	4138	_					
18	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
7	58 <u>-11 31/13/33</u> 413/	uki						
Z 18	58 -0.314373391379 WALKING_UPSTAIRS		Body	Accelerome	eter	NA	Magni	itude
18 Mean	WALKING_UPSTAIRS NA 58 -0.2791463	Time 312758	3621				_	
18	WALKING_UPSTAIRS	Time 312758 Time	3621	Accelerome		NA NA	Magni Magni	
18 Mean 18 SD 18	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS	Time 312758 Time 57 Time	B621 Body	Accelerome	eter		Magni	
18 Mean 18 SD	WALKING_UPSTAIRS NA 58 -0.2791463 WALKING_UPSTAIRS NA 58 -0.3718413	Time 312758 Time 57 Time 7241	Body Body	Accelerome	eter eter	NA	Magni NA	itude
18 Mean 18 SD 18 X 18 Y	WALKING_UPSTAIRS NA 58 -0.2791463 WALKING_UPSTAIRS NA 58 -0.3718413 WALKING_UPSTAIRS 58 0.0812402028513 WALKING_UPSTAIRS 58 0.0211654691773	Time 312758 Time 57 Time 7241 Time 5862	Body Body Body	Accelerome Accelerome	eter eter eter	NA Jerk Jerk	Magni NA NA	itude Mean Mean
18 Mean 18 SD 18 X 18	WALKING_UPSTAIRS NA 58 -0.2791463 WALKING_UPSTAIRS NA 58 -0.3718413 WALKING_UPSTAIRS 58 0.0812402028513 WALKING_UPSTAIRS	Time 312758 Time 57 Time 7241 Time 5862 Time	Body Body Body	Accelerome Accelerome	eter eter eter	NA Jerk Jerk	Magni NA NA	itude Mean
18 Mean 18 SD 18 X 18 Y 18 Z	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time	Body Body Body Body Body	Accelerome Accelerome Accelerome	eter eter eter	NA Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean
18 Mean 18 SD 18 X 18 Y 18	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172	Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	NA Jerk Jerk Jerk Jerk	Magni NA NA NA	itude Mean Mean Mean SD
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS  58 -0.567940638626	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 069	Body Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 069 Time	Body Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	itude Mean Mean Mean SD
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18 Y	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS  58 -0.567940638626  WALKING_UPSTAIRS  58 -0.567940638626  WALKING_UPSTAIRS  58 -0.760829911206  WALKING_UPSTAIRS	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 069 Time 6897 Time	Body Body Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA	Mean Mean Mean SD SD SD
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18 Y	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS  58 -0.567940638626  WALKING_UPSTAIRS  58 -0.567940638626  WALKING_UPSTAIRS  58 -0.760829911206  WALKING_UPSTAIRS  NA 58 -0.6014633	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 069 Time 6897 Time 948275	Body Body Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD stude
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18 Y 18 X 18 SD	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS  58 -0.567940638620  WALKING_UPSTAIRS  58 -0.567940638620  WALKING_UPSTAIRS  58 -0.760829911200  WALKING_UPSTAIRS  NA 58 -0.6014633  WALKING_UPSTAIRS  NA 58 -0.5793303	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 6897 Time 948275 Time 320344	Body Body Body Body Body Body Body Body	Accelerome	eter eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA Magni Magni	itude Mean Mean Mean SD SD SD itude
18 Mean 18 SD 18 X 18 Y 18 Z 18 X 18 Y 18 Z 18 Hean 18 SD 18	WALKING_UPSTAIRS  NA 58 -0.2791463  WALKING_UPSTAIRS  NA 58 -0.3718413  WALKING_UPSTAIRS  58 0.0812402028513  WALKING_UPSTAIRS  58 0.0211654691773  WALKING_UPSTAIRS  58 0.0093589662863  WALKING_UPSTAIRS  58 -0.563202134653  WALKING_UPSTAIRS  58 -0.567940638620  WALKING_UPSTAIRS  58 -0.567940638620  WALKING_UPSTAIRS  58 -0.760829911200  WALKING_UPSTAIRS  NA 58 -0.6014633  WALKING_UPSTAIRS	Time 312758 Time 57 Time 7241 Time 5862 Time 2069 Time 5172 Time 6897 Time 948275 Time 320344 Time	Body Body Body Body Body Body Body Body	Accelerome	eter eter eter eter eter eter eter	NA Jerk Jerk Jerk Jerk Jerk Jerk Jerk	Magni NA NA NA NA NA NA	Mean Mean Mean SD SD SD stude

Mean	Y 58 -0.3166199	16206	5807						
18	WALKING UPSTAIRS			tv	Acce]	erome	eter	NA	NA
Mean	<b>—</b>			-01	110001		2001	1411	1111
18			Gravi	Lty	Acce	Lerome	eter	NA	NA
SD	x 58 -0.9617388	07068	3966	_					
18	WALKING_UPSTAIRS	Time	Gravi	Lty	Accel	Lerome	eter	NA	NA
SD	Y 58 -0.9420568								
18	WALKING_UPSTAIRS			Lty	Acce]	Lerome	eter	NA	NA
SD	Z 58 -0.9078397					ı			
18	<del>-</del>		Gravi 91463	_		Lerome	eter	NA	
маун. 18			Gravi			arome	ator	NA	
	<del>-</del>		718415	_	ACCE	rerome	cer	IVA	
18		Freq			scope	NA	NA	Mean	Х
58	-0.59232371	1	_,	-1					
18	WALKING UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Y
58	-0.649817266551724								
18	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	$\mathbf{Z}$
58	-0.504364096896552								
18	<u> </u>	Freq	NA	Gyros	scope	NA	NA	SD	X
58	-0.60071129637931		377	<b>G</b>		377	377	a D	**
18 58	WALKING_UPSTAIRS -0.443429836896552	Freq	NA	Gyros	scope	NA	NA	SD	Y
18		Freq	NΙΔ	Gyros	scope	NΙΔ	NA	SD	Z
58	-0.466022431206897	rreq	1177	GYLOS	соре	IVA	IVA	SD	7
18		Freq	NA	Gvros	scope	NA	Magn	itude	Mean
NA	58 -0.654029089310	_		4	_	-	,		
18	WALKING_UPSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	SD
NA	58 -0.533044636034	483							
18	WALKING_UPSTAIRS	_	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA	58 -0.826193160862					_			
18	<u> </u>	Freq	NA	Gyros	scope	Jerk	Magn	itude	SD
NA 10	58 -0.860910992241		Dod	7~~~	l a a	. +	3.7.73	37.73	Maan
18 X	WALKING_UPSTAIRS 58 -0.465097261896	-	Body	Acce.	rerone	erer	NA	NA	Mean
18	WALKING UPSTAIRS		Body	Acce	lerome	eter	NA	NA	Mean
Y	58 -0.363450742586	_	20aj	11000		2001	-11-1	1111	110411
18			Body	Acce	Lerome	eter	NA	NA	Mean
Z	58 -0.522728377068	965	_						
18	WALKING_UPSTAIRS	Freq	Body	Acce	Lerome	eter	NA	NA	SD
X	58 -0.350639840862								
18	<u>—</u>	_	Body	Acce	Lerome	eter	NA	NA	SD
Y	58 -0.190550638155		<b>-</b> 1		•				an
18	<u>—</u>	_	Body	Acce.	Lerome	eter	NA	NA	SD
Z 18	58 -0.269571390465 WALKING UPSTAIRS		Body	Acce.	laromo	ter	NA	Magn	itude
	NA 58 -0.4365610	_	_	ACCE.	ret Oille	CET	W	riugii.	Luue
	1,11 33 0.4303010	3 1 1 0 2							

```
Freq Body Accelerometer
18
     WALKING UPSTAIRS
                                                    NA
                                                         Magnitude
SD
               -0.436218933448276
     NA
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          -0.589410590172414
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          -0.579650286034483
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
     58
          -0.736149274137931
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.575331252413793
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.585531432931034
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
     58
          -0.784728430344828
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          58
               -0.574481396551724
18
     WALKING UPSTAIRS
                          Freq Body Accelerometer Jerk Magnitude
SD
     NA
          58
               -0.587926077068965
19
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
     -0.0312072730559566
83
19
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
83
     -0.0952628014096386
19
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          83
     LAYING
                                          NA
0.10860511373494
19
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
83
     -0.981357611445783
19
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Υ
83
     -0.963617705662651
                          Gyroscope NA
19
     LAYING
               Time NA
                                          NA
                                               SD
                                                    Z
83
     -0.973197523855422
19
                          Gyroscope NA
     LAYING
               Time NA
                                          Magnitude Mean NA
83
     -0.953263432771084
19
     LAYING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
83
     -0.955906646506024
19
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
83
     -0.0956018266746988
19
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean Y
83
     -0.0371476597051807
19
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
83
     -0.0599161477951807
19
     LAYING
                          Gyroscope Jerk NA
               Time NA
                                               SD
                                                    Χ
83
     -0.976105663493976
19
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
83
     -0.984607728915663
19
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Z
     -0.986958363975904
83
19
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
```

83	-0.985342497710843						
19	LAYING Time NA	Gyroscope Jer	k Magn	itude	SD	NA	
83	-0.980245510843374	_					
19	<b>-</b>	Accelerometer	NA	NA	Mean	X	83
	2653733493976	naaalawamata.	. 117	NT 70	Maan	37	
19 83	LAYING Time Body -0.0171426864421687	Accelerometer	. NA	NA	Mean	Y	
19		Accelerometer	. NA	NA	Mean	7.	
83	-0.10898146186747	110001010mcccl	. 1121	1411	nean	_	
19	LAYING Time Body	Accelerometer	NA	NA	SD	X	
83	-0.965019579518072						
19	<del>-</del>	Accelerometer	nA	NA	SD	Y	
83	-0.973449968554217						
19	<del>-</del>	Accelerometer	nA	NA	SD	$\mathbf{Z}$	
83	-0.984672837228916	7 7 1	- 377	36		<b>M</b>	373
19 83	LAYING Time Body -0.96626080686747	Accelerometer	. NA	Magni	Ltuae	Mean	NA
63 19		Accelerometer	. NA	Magni	tude	SD	NA
83	-0.963193489036145	Accelerometer	. 11/1	Magin	Lcude	סט	NA
19		Accelerometer	Jerk	NA	Mean	Х	83
	72317998650602						
19	LAYING Time Body	Accelerometer	Jerk	NA	Mean	Y	83
0.01	1149573306747						
19	<del>-</del>	Accelerometer	Jerk	NA	Mean	$\mathbf{Z}$	
83	-0.0009886908553253						
19	<del>-</del>	Accelerometer	Jerk	NA	SD	X	
83	-0.983605223493976	3 1	- T1-	37.7	ap.	37	
19 83	LAYING Time Body -0.974524522650602	Accelerometer	Jerk	NA	SD	Y	
19		Accelerometer	Jerk	NΔ	SD	Z	
83	-0.988260181084337	Meccicioniceci	. UCIK	1421	DD	2	
19		Accelerometer	Jerk	Magni	tude	Mean	NA
83	-0.98478434			,			
19	LAYING Time Body	Accelerometer	Jerk	Magni	tude	SD	NA
83	-0.980668287831325						
19	LAYING Time Grav	ity Accelero	ometer	NA	NA	Mean	X
83	-0.680043155060241						
19	LAYING Time Grav	ity Accelero	ometer	NA	NA	Mean	Y
83 19	0.725646622771084 LAYING Time Grav.	ity Accelero	motor	NA	NA	Mean	7
83	0.68762385253012	ity Acceleic	niie ce i	IVA	IVA	Mean	7
19	LAYING Time Grav.	ity Accelero	ometer	NA	NA	SD	Х
83	-0.958959611084337	,					•
19	LAYING Time Grav	ity Accelero	meter	NA	NA	SD	Y
83	-0.986993149638554	•					
19	LAYING Time Grav	ity Accelero	ometer	NA	NA	SD	Z
83	-0.988819031566265						

```
19
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
NA
     83
          -0.96626080686747
19
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
     83
          -0.963193489036145
19
                                               Mean X
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
83
     -0.974196217590361
19
     LAYING
                          Gyroscope NA
                                          NA
                                               Mean Y
               Freq NA
83
     -0.972061003493976
19
               Freq NA
                          Gyroscope NA
                                               Mean Z
     LAYING
                                          NA
83
     -0.97393233253012
19
     LAYING
                          Gyroscope NA
                                                    Х
               Freq NA
                                          NA
                                               SD
83
     -0.983944795060241
19
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
83
     -0.959831365783133
19
                                                    Z
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
               Freq NA
83
     -0.975417523855422
19
                                          Magnitude Mean NA
     LAYING
               Freq NA
                          Gyroscope NA
83
     -0.965624724457831
19
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
83
     -0.957496024457831
19
     LAYING
                          Gyroscope Jerk Magnitude Mean NA
               Frea NA
83
     -0.981890470361446
19
                          Gyroscope Jerk Magnitude SD
     LAYING
               Freq NA
                                                          NA
     -0.97932784746988
83
19
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
83
     -0.97453373
19
               Freq Body Accelerometer
                                                    Mean Y
     LAYING
                                          NA
                                               NA
83
     -0.972798824096386
19
               Freq Body Accelerometer
                                                    Mean Z
     LAYING
                                          NA
                                               NA
83
     -0.985340447349398
19
               Freq Body Accelerometer
                                                    SD
                                                          Х
     LAYING
                                          NA
                                               NA
83
     -0.962085001204819
19
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Y
83
     -0.974832075662651
19
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Z
83
     -0.984740998192771
19
               Freq Body Accelerometer
                                               Magnitude Mean NA
     LAYING
                                          NA
     -0.971957401325301
83
19
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
83
     -0.964056773975904
19
               Freq Body Accelerometer
                                          Jerk NA
     LAYING
                                                    Mean X
83
     -0.983478561807229
19
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
83
     -0.974878270963855
19
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
83
     -0.986506488795181
19
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
```

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83
     -0.985278006987952
19
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
83
     -0.975964111566265
19
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
83
     -0.988558703373494
19
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
83
     -0.980621564096386
19
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
83
     -0.979452188433735
19
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
73
     -0.0214151280054795
                          Gyroscope NA
19
     SITTING
               Time NA
                                               Mean Y
                                          NA
73
     -0.0520207886438356
19
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          73
0.0968980718168493
19
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Χ
73
     -0.984625306849315
19
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
73
     -0.959758309589041
19
                                                     Z
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
73
     -0.96559497630137
19
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
73
     -0.942229043835616
19
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
73
     -0.950491807945205
19
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
73
     -0.100986131452055
19
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
     -0.0425170215068493
73
19
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
73
     -0.0590801684246575
19
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
73
     -0.988464752739726
19
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
73
     -0.987465915068493
19
               Time NA
                                                     Z
     SITTING
                          Gyroscope Jerk NA
                                               SD
73
     -0.98531069
19
     SITTING
                Time NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.989450316575342
73
19
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
73
     -0.985831284657534
19
     SITTING
               Time Body Accelerometer
                                               NA
                                                     Mean X
                                                               73
                                          NA
0.273830316164384
                                                     Mean Y
19
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
73
     -0.016739260030137
19
     SITTING
                Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
73
     -0.10870765430137
```

19	SITTING		_	Accel	erome	eter	NA	NA	SD	X	
73	-0.9763576			_							
19	SITTING			Accel	erome	eter	NA	NA	SD	Y	
73	-0.9503889								a D	_	
19	SITTING		_	Accel	erome	eter	NA	NA	SD	Z	
73	-0.9519296			7 ~ ~ ~ 1		+	3.7.73	Ma an i	د د د د د	Moon	NTA
19 73	SITTING -0.9620740		_	Accel	erome	eter	NA	Magni	Ltude	Mean	NA
73 19	SITTING			Accel	arome	+or	NA	Magni	+1140	GD.	NA
73	-0.951755		_	Accei	-er onie	CEI	IVA	Magiii	Luue	שט	IVA
19	SITTING			Accel	erome	ter	Jerk	NΑ	Mean	x	73
	53747129191		Dody	710001	or onic	CCI	OCIA	1411	neun	21	7.5
19	SITTING		Body	Accel	erome	eter	Jerk	NA	Mean	Υ	73
	37921005843							_,		_	
19	SITTING		Bodv	Accel	erome	eter	Jerk	NA	Mean	Z	73
	1731068002		2								
19	SITTING	Time	Body	Accel	erome	eter	Jerk	NA	SD	X	
73	-0.9870432		_								
19	SITTING	Time	Body	Accel	erome	eter	Jerk	NA	SD	Y	
73	-0.979267	729041	L096								
19	SITTING	Time	Body	Accel	erome	eter	Jerk	NA	SD	Z	
73	-0.9867047	740273	3973								
19	SITTING		_	Accel	erome	eter	Jerk	Magni	tude	Mean	NA
73	-0.9864239										
19	SITTING		_	Accel	erome	eter	Jerk	Magni	Ltude	SD	NA
73	-0.9842053										
19	SITTING			ity	Accel	erome	eter	NA	NA	Mean	X
73	0.58137150										
19	SITTING			Lty	Accel	.erome	eter	NA	NA	Mean	Y
73	0.36034353				3 1			373	377	36	
19	SITTING			Lty	Accel	erome	eter	NA	NA	Mean	Z
73 19	0.48912659 SITTING				7 ~ ~ ~ 1	0.500	.+.~	NT 70	<b>3.T.7</b> 3	CD	v
73	-0.9693550			LLY	Accei	.erome	erer	NA	NA	SD	X
19	SITTING		Gravi	i + 37	Accel	arome	tor	NA	NA	SD	Y
73	-0.9699698			LCy	Accei	-CI OIIIC	CCI	IVA	IVA	SD	1
19	SITTING		Gravi	i t v	Accel	erome	eter	NA	NA	SD	Z
73	-0.9603949				110001	or orne	2001	1111	1111	DD.	2
19	SITTING		Gravi	itv	Accel	erome	eter	NA	Magn	itude	Mean
NA		520740		-					5		
19	SITTING	Time	Gravi	ity	Accel	erome	eter	NA	Magn	itude	SD
NA		517556		_					,		
19	SITTING	Freq	NA	Gyros	cope	NA	NA	Mean	X		
73	-0.9817436	_		-	_						
19	SITTING	Freq	NA	Gyros	cope	NA	NA	Mean	Y		
73	-0.9681886	675753	3425								
19	SITTING	Freq	NA	Gyros	cope	NA	NA	Mean	Z		

```
73
     -0.968235777945205
19
     SITTING
                          Gyroscope NA
                                               SD
                                                    Х
               Freq NA
                                          NA
73
     -0.985576048219178
19
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
73
     -0.955598610136986
19
                          Gyroscope NA
                                                    Z
     SITTING
               Freq NA
                                          NA
                                               SD
73
     -0.967869249178082
19
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
73
     -0.964238768493151
19
     SITTING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
73
     -0.950484417260274
19
     SITTING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
73
     -0.986727418493151
19
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
73
     -0.985416444657534
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
73
     -0.979238031780822
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
73
     -0.960763181917808
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
73
     -0.96633509109589
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
73
     -0.975204245342466
               Freq Body Accelerometer
19
     SITTING
                                          NA
                                               NA
                                                    SD
                                                          Y
73
     -0.948053070136986
               Freq Body Accelerometer
19
                                                    SD
                                                          Z
     SITTING
                                          NA
                                               NA
73
     -0.947514931780822
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
73
     -0.962632577945206
19
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
73
     -0.952802277671233
19
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
73
     -0.986775590136986
               Freq Body Accelerometer
19
     SITTING
                                          Jerk NA
                                                    Mean Y
73
     -0.979141571643836
19
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
73
     -0.98398048
19
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
73
     -0.988576991369863
19
               Freq Body Accelerometer
                                          Jerk NA
                                                          Υ
     SITTING
                                                    SD
73
     -0.980999857671233
19
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
73
     -0.988151915753425
19
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
73
     -0.983751646712329
19
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
73
     -0.983687272739726
```

19	STANDING	Time	NA	Gyroscope	NA	NA	Mean	X		
73	-0.0250905	574020	0274							
19	STANDING	Time	NA	Gyroscope	NA	NA	Mean	Y		
73	-0.0631429	982726	50274							
19	STANDING	Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$	73	
0.071	.0520180136	5986								
19	STANDING	Time	NA	Gyroscope	NA	NA	SD	X		
73	-0.9461097	711917	7808							
19	STANDING	Time	NA	Gyroscope	NA	NA	SD	Y		
73	-0.9695763	323698	363							
19	STANDING	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
73	-0.9607342	258356	5164							
19	STANDING	Time	NA	Gyroscope	NA	Magni	itude	Mean	NA	
73	-0.9417450	041095	589							
19	STANDING	Time	NA	Gyroscope	NA	Magni	itude	SD	NA	
73	-0.9379510	31506	5849							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	Mean	X		
73	-0.0990467	789052	20548							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	Mean	Y		
73	-0.0422918	353378	30822							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
73	-0.0523769	986707	72603							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	SD	X		
73	-0.9751266	87397	726							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	SD	Y		
73	-0.9880966	572193	1781							
19	STANDING	Time	NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
73	-0.9834539	911232	2877							
19	STANDING	Time	NA	Gyroscope	Jerk	Magni	itude	Mean	NA	
73	-0.9858016	537671	1233							
19	STANDING	Time	NA	Gyroscope	Jerk	Magni	itude	SD	NA	
73	-0.9830694	127945	5205							
19	STANDING	Time	Body	Accelerome	eter	NA	NA	Mean	X	73
0.278	317226									
19	STANDING	Time	Body	Accelerome	eter	NA	NA	Mean	Y	
73	-0.0154244	105694	45205							
19	STANDING	Time	Body	Accelerome	eter	NA	NA	Mean	Z	
73	-0.1090419	04602	274							
19	STANDING	Time	Body	Accelerome	eter	NA	NA	SD	X	
73	-0.9899109	996849	9315							
19	STANDING	Time	Body	Accelerome	eter	NA	NA	SD	Y	
73	-0.9444302	270684	4931							
19	STANDING	Time	Body	Accelerome	eter	NA	NA	SD	Z	
73	-0.9525996	553972	2603							
19	STANDING	Time	Body	Accelerome	eter	NA	Magni	itude	Mean	NA
73	-0.9605056		_				,			
19	STANDING			Accelerome	eter	NA	Magni	itude	SD	NA
			_				,			

73	0 06254024	2465	752								
73 19	-0.96254934 STANDING T			7 agol	oromo	tor	Jerk	NT 7\	Mean	v	73
	541203667123		воцу	Accer	erone	cer	DELK	IVA	Mean	Λ	73
19	STANDING T		Body	Accel	erome	ter	Jerk	NΙΔ	Mean	v	73
	991338273931		Боау	ACCCI	CLOIRC	CCI	UCIK	1421	ricuii	_	75
19			Bodv	Accel	erome	eter	Jerk	NA	Mean	7.	73
	129216333878							_,		_	, -
19	STANDING T		Body	Accel	erome	eter	Jerk	NA	SD	Х	
73	-0.98479203		_								
19	STANDING T	ime	Body	Accel	erome	eter	Jerk	NA	SD	Y	
73	-0.97054327	6575	342								
19	STANDING T	ime	Body	Accel	erome	eter	Jerk	NA	SD	$\mathbf{Z}$	
73	-0.98614249	1917	808								
19			_	Accel	erome	eter	Jerk	Magni	itude	Mean	NA
73	-0.98306892										
19	STANDING T		_	Accel	erome	eter	Jerk	Magni	Ltude	SD	NA
73	-0.97964083				_						
19	STANDING T			.ty	Accel	erome	eter	NA	NA	Mean	X
73	0.944045837										
19			Gravi	.ty	Accel	erome	eter	NA	NA	Mean	Y
73	-0.22389780			<b>_</b>	7~~~1		+	3.7.73	3.7.73	Maan	<b>7</b>
19 73	STANDING T 0.130643717			Ly	Accei	erome	erer	NA	NA	Mean	Z
73 19	STANDING T			+ 17	7.0001	erome	tor	NA	NA	SD	X
73	-0.99241154			. cy	Accei	ELOILE	cer	IVA	IVA	עפ	Λ
19	STANDING T			tv	Accel	erome	ter	NA	NA	SD	Y
73	-0.97142660			. C J	110001	or once		1111	1111	U.D	-
19			 Gravi	tv	Accel	erome	eter	NA	NA	SD	Z
73	-0.95886204			4							
19	STANDING T	ime	Gravi	ty	Accel	erome	eter	NA	Magni	itude	Mean
NA	73 -0.960	5056	83561	644							
19	STANDING T	ime	Gravi	ty	Accel	erome	eter	NA	Magni	itude	SD
NA	73 -0.962	5493	42465	753							
19		req		Gyros	cope	NA	NA	Mean	X		
73	-0.94786563										
19	STANDING F	-		Gyros	cope	NA	NA	Mean	Y		
73	-0.97506167										
19		req		Gyros	cope	NA	NA	Mean	Z		
73	-0.96510063			<b>a</b>				a D			
19	STANDING F	_		Gyros	cope	NA	NA	SD	X		
73 10	-0.94660704			Crrrog	aana	NT 70	NT 70	CD	v		
19 73	STANDING F -0.96696723	req		Gyros	cope	INA	NA	SD	Y		
73 19		req		Gyros	cone	NΙΔ	NA	SD	Z		
73	-0.96321279	-		GYLUS	cohe	111.7	111.7	עט	Ц		
19	STANDING F			Gyros	cone	NA	Magni	tude	Mean	NA	
73	-0.95857812	_		2,105	2020	-1-1			110411	-1	
	· · · = <del></del>										

19	STANDING Freq NA	Gyroscope NA	Magnitude	s SD	NA	
73 19	-0.936723548493151 STANDING Freq NA	Gyroscope Jerk	Magnitude	Mean	NA	
73 19	-0.984536610136986 STANDING Freq NA	Gyroscope Jerk	Magnitude	s SD	NA	
73 19	-0.982228582191781 STANDING Freq Body	Accelerometer	NA NA	Mean	Х	
73 19	-0.987352048356164 STANDING Freq Body	Accelerometer	NA NA	Mean	Y	
73 19	-0.952872872465753 STANDING Freq Body	Accelerometer	NA NA	Mean	Z	
73 19	-0.968543351780822 STANDING Freq Body		NA NA	SD	X	
73	-0.991161671369863					
19 73	STANDING Freq Body -0.943193755068493	Accelerometer	NA NA	SD	Y	
19 73	STANDING Freq Body -0.947753961643836	Accelerometer	NA NA	SD	Z	
19	STANDING Freq Body	Accelerometer	NA Magr	itude	Mean	NA
73 19	-0.968910788767123 STANDING Freq Body	Accelerometer	NA Magn	itude	SD	NA
73 19	-0.964259110821918 STANDING Freq Body	Accelerometer	Jerk NA	Mean	Х	
73 19	-0.985039596164384 STANDING Freq Body	Accelerometer	Jerk NA	Mean	Y	
73 19	-0.970011345890411			Mean		
73	STANDING Freq Body -0.983463295479452			Mean	L	
19 73	STANDING Freq Body -0.985913722328767	Accelerometer	Jerk NA	SD	X	
19 73	STANDING Freq Body -0.973588517808219	Accelerometer	Jerk NA	SD	Y	
19	STANDING Freq Body	Accelerometer	Jerk NA	SD	Z	
73 19	-0.987524587534247 STANDING Freq Body	Accelerometer	Jerk Magn	itude	Mean	NA
73 19	-0.979135412739726 STANDING Freq Body	Accelerometer	Jerk Magn	itude	SD	NA
73	-0.979179149452055					
19 52	WALKING Time NA -0.0274970979894231	Gyroscope NA	NA Mear	X		
19 52	WALKING Time NA -0.0751569333730769	Gyroscope NA	NA Mean	Y		
19	WALKING Time NA	Gyroscope NA	NA Mean	Z	52	
0.07 19	98106981923077 WALKING Time NA	Cyroggono NA	NA CD	v		
19 52	WALKING Time NA -0.0264357957923077	Gyroscope NA	NA SD	X		
19	WALKING Time NA	Gyroscope NA	NA SD	Y		

E 2	-0.114406108	0010577							
52 19		me NA	Gyroscope	NΔ	NA	SD	Z		
52	-0.104202986		сутовсорс	1421	1421	DD	2		
19		me NA	Gyroscope	NA	Magni	tude	Mean	NA	52
	0045071430769		1 1		,				
19	WALKING Ti	me NA	Gyroscope	NA	Magni	tude	SD	NA	
52	-0.021846316	55461538							
19	WALKING Ti	me NA	Gyroscope	Jerk	NA	Mean	X		
52	-0.083235326	1384615							
19		me NA	Gyroscope	Jerk	NA	Mean	Y		
52	-0.030712844								
19		me NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
52	-0.060309196		_	_ ,		~-			
19		me NA	Gyroscope	Jerk	NA	SD	X	52	
19	0118652313461		C	Torolo	<b>3.7.7</b>	CD	37		
52	WALKING Ti -0.291594827	me NA	Gyroscope	Jerk	NA	SD	Y		
19		me NA	Gyroscope	Tork	NΙΛ	SD	Z		
52	-0.213494065		dyloscope	DELK	IVA	שמ	2		
19		me NA	Gyroscope	Jerk	Magni	tude	Mean	NA	
52	-0.164699977		cyropospo	00111	1109111	Loudo	110411	-11-1	
19		me NA	Gyroscope	Jerk	Magni	tude	SD	NA	
52	-0.271487480	103846	1 1		,				
19	WALKING Ti	me Body	Accelerome	eter	NA	NA	Mean	X	52
0.273	3931172307692	2							
19	WALKING Ti	me Body	Accelerome	eter	NA	NA	Mean	Y	
52	-0.019177358	37903846							
19		-	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
52	-0.122736673								
19		-	Accelerome	eter	NA	NA	SD	X	
52	-0.048904940						~-		
19		_	Accelerome	eter	NA	NA	SD	Y	52
19	1801561185577 WALKING Ti		Aggoloromo	tor	NT 7A	NT 7N	CD	7	
52	-0.139477942	_	Accelerome	erer	NA	NA	SD	Z	
			Accelerome	tor	NA	Magn	i +ııde	Mean	NΙΔ
	0.0648173438	_	ACCCICIONIC	CCI	1421	nagn	Lcuuc	ricuii	1477
			Accelerome	eter	NA	Magn	itude	SD	NA
52	-0.099392717	_			_,	9			
19			Accelerome	eter	Jerk	NA	Mean	X	52
0.082	2224628446153	_							
19	WALKING Ti	me Body	Accelerome	eter	Jerk	NA	Mean	Y	52
0.014	4411348201952	23							
19	WALKING Ti	me Body	Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
52	-0.032752872								
19		_	Accelerome	eter	Jerk	NA	SD	X	52
0.110	0306729315577	1							

19	WALKING Time Bo	dy Acce	lerome	eter	Jerk	NA	SD	Y	52
19	09271194038462 WALKING Time Bo	dv Acce	loroma	ator	Jerk	NΤΛ	SD	Z	
52	-0.179390497475	dy Acce	Terome	s cer	DELK	IVA	שט	7	
19	WALKING Time Bo	dv Acce	lerome	eter	Jerk	Magni	tude	Mean	NA
52		<b>1</b>							
19	WALKING Time Bo	dy Acce	lerome	eter	Jerk	Magni	tude	SD	NA
52	0.035655878807692	_				,			
19	WALKING Time Gr	avity	Acce	lerome	eter	NA	NA	Mean	X
52	0.935222559230769								
19	WALKING Time Gr	avity	Acce	lerome	eter	NA	NA	Mean	Y
52	-0.2233381								
19	WALKING Time Gr	_	Acce	lerome	eter	NA	NA	Mean	Z
52	-0.08984287973076								
19	WALKING Time Gr	avity	Acce	lerome	eter	NA	NA	SD	X
52	-0.9698614625	_	_	_					
19	WALKING Time Gr	-	Acce.	lerome	eter	NA	NA	SD	Y
52	-0.95865120038461			_	_				_
19	WALKING Time Gr	-	Acce.	Lerome	eter	NA	NA	SD	Z
52	-0.92918793096153								
19	WALKING Time Gr	-	Acce.	Lerome	eter	NA	Magni	tude	Mean
NA 10	52 0.0648173438		<b>3</b>	1		377	36		an
19	WALKING Time Gr	-		Lerome	eter	NA	Magni	tude	SD
NA 10	52 -0.099392717			NT 70	NT 70	Moon	V	52	
19	WALKING Freq NA 8142361865385	GYLO	scope	NA	NA	Mean	Λ	32	
19	WALKING Freq NA	Curo	caono	NT 7N	NA	Mean	v		
52	-0.09735498465961	_	scope	IVA	IVA	Mean	1		
19	WALKING Freq NA		scope	NΔ	NA	Mean	7.		
52	-0.01050470716	dyro	эсорс	1471	1421	nean	_		
	WALKING Freq NA	Gyro	scope	NΑ	NA	SD	Х		
52	-0.10838880953384	-	Боорс	1411	1111	U.D			
19	WALKING Freq NA		scope	NA	NA	SD	Y		
52	-0.13301028546153	_	Бооро	-11-1	-11-1	22	_		
19	WALKING Freq NA		scope	NA	NA	SD	Z		
52	-0.22027119080769	_	-						
19	WALKING Freq NA		scope	NA	Magni	itude	Mean	NA	
52	-0.09524604523653	_	-		,				
19	WALKING Freq NA	Gyro	scope	NA	Magni	itude	SD	NA	
52	-0.14159840230961	5	_		_				
19	WALKING Freq NA	Gyro	scope	Jerk	Magni	itude	Mean	NA	
52	-0.26244282284615	4							
19	WALKING Freq NA	Gyro	scope	Jerk	Magni	itude	SD	NA	
52	-0.336148733								
19	WALKING Freq Bo	_	lerome	eter	NA	NA	Mean	X	
52	-0.02998156669230								
19	WALKING Freq Bo	dy Acce	lerome	eter	NA	NA	Mean	Y	52

0.169	9258575663077							
19		Accelerom	eter	NA	NA	Mean	Z	
52	-0.104423357596154							
19	WALKING Freq Body	Accelerom	eter	NA	NA	SD	X	
52 19	-0.0578820787019231 WALKING Freq Body	Aggolorom	otor	NA	NT 7A	SD	Y	52
	2615077990385	Accelerom	erer	NA	NA	עמ	1	32
19	WALKING Freq Body	Accelerom	eter	NA	NA	SD	Z	
52	-0.233872331063462							
19		Accelerom	eter	NA	Magni	itude	Mean	NA
52	0.0322272296217308							
19	WALKING Freq Body	Accelerom	eter	NA	Magni	Ltude	SD	NA
52	-0.324793406057692	7	a+ a m	Totale	NT 70	Maan	37	E O
19	WALKING Freq Body 36380997853846	Accelerom	eter	Jerk	NA	Mean	Х	52
19		Accelerom	eter	Jerk	NA	Mean	γ	52
	07318703980769	1100010101	0001	00111	-11-1	110411	_	02
19	WALKING Freq Body	Accelerom	eter	Jerk	NA	Mean	$\mathbf{Z}$	
52	-0.129367902596154							
19		Accelerom	eter	Jerk	NA	SD	X	52
	08366492173077			<b>-</b> 1		a 5		F.0
19	WALKING Freq Body 54010732076923	Accelerom	eter	Jerk	NA	SD	Y	52
19		Accelerom	eter	Jerk	NΔ	SD	Z	
52	-0.227829841936346	710001010III	CCCI	OCIK	1421	DD.	_	
19		Accelerom	eter	Jerk	Magni	itude	Mean	NA
52	0.0730179928688462							
19	WALKING Freq Body	Accelerom	eter	Jerk	Magni	itude	SD	NA
52	-0.0222869586038462							
19	WALKING_DOWNSTAIRS	Time NA	Gyro	scope	NA	NA	Mean	X
39 19	-0.205775427307692 WALKING DOWNSTAIRS	Time NA	Curo	scope	NI 7A	NA	Mean	v
39	0.0274707556666667	TIME NA	Gyro	scope	NA	IVA	Mean	I
19	WALKING DOWNSTAIRS	Time NA	Gvro	scope	NA	NA	Mean	Z
39	0.163962510807692		-1	<b>-</b> -		_,		
19	WALKING_DOWNSTAIRS	Time NA	Gyro	scope	NA	NA	SD	X
39	0.267657219333333							
19	WALKING_DOWNSTAIRS	Time NA	Gyro	scope	NA	NA	SD	Y
39	0.0483147743589744	m:	<b>G</b>		37.7	37.7	an.	
19 39	WALKING_DOWNSTAIRS -0.0314083457948718	Time NA	Gyro	scope	NA	NA	SD	Z
19	WALKING DOWNSTAIRS	Time NA	Gyros	scope	NA	Magn	itude	Mean
NA	39 0.4180046086153		0,10	оче	-11-1	1109111	zouuo	110411
19	WALKING_DOWNSTAIRS	Time NA	Gyro	scope	NA	Magn	itude	SD
NA	39 0.2378212318948	872						
19	WALKING_DOWNSTAIRS	Time NA	Gyro	scope	Jerk	NA	Mean	X
39	-0.0337429578461538							

19	WALKING_DOWNSTAIRS		NA	Gyroscope	Jerk	NA	Mean	Y
39 19	-0.0394612603358974 WALKING DOWNSTAIRS	l Time	NT 7A	Gyroscope	Tork	NT 7A	Mean	7
39	-0.0545565563487179		IVA	Gyroscope	DELY	IVA	Mean	Д
19	WALKING DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Х
39	0.179148649684615			1 1				
19	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
39	-0.0146299196923077							
19	WALKING_DOWNSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
39	0.116646170221282				_			
19	WALKING_DOWNSTAIRS		NA	Gyroscope	Jerk	Magni	itude	Mean
NA 10	39 0.087581661820		37.7	<b>G</b>	T1-	M =	ــــــــــــــــــــــــــــــــــــــ	an.
19 NA	WALKING_DOWNSTAIRS 39 -0.04389850225		NA	Gyroscope	Jerk	Magni	Ltuae	รบ
19	WALKING DOWNSTAIRS		Body	Accelerome	ater	NA	NA	Mean
X	39 0.262688053871		Боау	Accererome	CCI	1421	1421	neun
19	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	39 -0.01459422750		4					
19	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
$\mathbf{Z}$	39 -0.13369524066	50974						
19	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
X	39 0.626917070512	2821						
19	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	39 0.514816445641		_	_				
19	WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Z	39 0.049322451025		D1	3 1		373	36 3	
19 Magain	WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magni	itude
Mean 19	NA 39 0.6446043 WALKING DOWNSTAIRS			Aggoloromo	otor	NA	Magn	itude
SD	NA 39 0.4134723		_	Acceletome	erer	NA	Magii	Ltude
19	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	NΔ	Mean
X	39 0.073093030692		Боау	necesesome	2001	OCIA	1421	ncan
19	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y	39 -0.03868721112		_					
19	WALKING DOWNSTAIRS	Time	Body	Accelerome	eter	Jerk	NA	Mean
$\mathbf{Z}$	39 -0.00955202497	7435897	7					
19	WALKING_DOWNSTAIRS	Time	Body	Accelerome	eter	Jerk	NA	SD
X	39 0.544273037307							
19	WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y	39 0.355306716915		_	_		_		
19	WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	39 -0.02001111487		De 3	7 7 -		T 1	M = - '	
19 Maan	WALKING_DOWNSTAIRS		_	Accelerome	eter	Jerk	Magni	ıtuae
Mean 19	NA 39 0.4344904 WALKING DOWNSTAIRS			Aggoloroma	n+or	Torle	Magni	i + udo
SD	NA 39 0.4506120		_	VCCETETOILE	= reT	OETY	mayıı	Luue
19	WALKING DOWNSTAIRS			tv Accel	lerome	eter	NA	NA
			u.v.	- 5, 110001			-1-1	

Mean	x 39	0.881	94085	51282	205						
19	WALKING					ty	Accel	erome	eter	NA	NA
Mean	Y 39	-0.21	50180	42307	692						
19	WALKING_	_				.ty	Accel	erome	eter	NA	NA
Mean											
19 SD	WALKING X 39	_				.ty	Accel	erome	eter	NA	NA
19	WALKING					tv	Accel	erome	ter	NA	NA
SD	Y 39	_				-1					
19	WALKING_	_DOWNSTA	IRS	Time	Gravi	ty	Accel	erome	eter	NA	NA
SD		-0.89									
19	WALKING_	_			Gravi	_		erome	eter	NA	
-	itude Mea				60432					377	
19	WALKING_ itude SD	_			Gravi 47237	_		erome	eter	NA	
19	WALKING				NA			NΔ	NA	Mean	x
39	_	_B0MN3111 24483333		rreq	1111	dyrob	сорс	1421	1421	nean	Λ
19	WALKING			Freq	NA	Gyros	cope	NA	NA	Mean	Y
39	0.147083	- 31435641	03	_		_	_				
19	WALKING_	_DOWNSTA	IRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
39		30731923									
19	WALKING_	_		Freq	NA	Gyros	cope	NA	NA	SD	X
39		32866615		_		<b>a</b>				a 5	
19 39	WALKING_	_DOWNSTA 39571974		Freq	NA	Gyros	cope	NA	NA	SD	Y
19	WALKING			Freq	NΙΔ	Gyros	cone	NΙΔ	NA	SD	Z
39	_	_DOWNSTA 92226769		rreq	IVA	GYLOS	соре	IVA	IVA	סט	2
19	WALKING			Freq	NA	Gyros	cope	NA	Magni	tude	Mean
NA	_	_ 20397976		_		4	-		,		
19	WALKING_	_DOWNSTA	IRS	Freq	NA	Gyros	cope	NA	Magni	tude	SD
NA		03203666									
19	WALKING_	_		_		Gyros	cope	Jerk	Magni	tude	Mean
NA		.0229045				<b>a</b>		- 1			an.
19 NA	_	_DOWNSTA		Freq	NA	Gyros	cope	Jerk	Magni	tude	SD
NA 19		.1432545 DOWNSTA			Body	Accel	arome	tor	NA	NA	Mean
X	-	_BOWNS1A 53701202		_	Боау	ACCEL	.erome	CCI	IVA	11/1	mean
19		DOWNSTA			Body	Accel	erome	eter	NA	NA	Mean
Y	_	- 49445780		_	_						
19	WALKING_	_DOWNSTA	IRS	Freq	Body	Accel	erome	eter	NA	NA	Mean
$\mathbf{Z}$	39 0.3	11065922	07448	372							
19	WALKING_	_		_	Body	Accel	erome	eter	NA	NA	SD
X		55850654									an.
19	_	_DOWNSTA		_	Body	Accel	erome	eter	NA	NA	SD
Y 19	39 0.4 WALKING	42792878 DOWNSTA			Bod <sub>17</sub>	Acca1	aromo	+ar	NA	NA	SD
Z	-	_DOWNSTA .0783635		_	ьоау	ACCEL	ET OIIIE	CET	TATZ	TATZ	טט
_			51155								

19 Mean	WALKING_DOWNSTAIRS NA 39 0.58663755	_	_	Accelerome	eter	NA	Magn	itude
19	WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
SD	NA 39 0.08286306	524102	2564					
19	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
X	39 0.4743172560512							
19	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Y	39 0.2767168533076		_ ,			_ ,		
19	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Z 10	39 0.059590576871		Dode	7 ~ ~ ~ ] ~ ~ ~ ~ ~	- <del>-</del>	Tomle	<b>3.7.7</b>	CD.
19 X	WALKING_DOWNSTAIRS 39 0.4768038874769	_	воау	Acceletome	eter	Jerk	NA	SD
л 19	WALKING DOWNSTAIRS		Body	Accelerome	o+or	Jerk	NΙΛ	SD
Y	39 0.3497712854158	_	ьост	Acceletome	sce1	DELK	IVA	שט
19	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NΔ	SD
Z	39 <b>-</b> 0.098393010484	_	Doay	110001010111	2001	CCIN	1111	DD.
19	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magn	itude
Mean	NA 39 0.53840484	_	_				9	
19	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	Magn	itude
SD	NA 39 0.31634643	_	_				,	
19	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Х
40	0.0388537087875							
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
40	-0.134514320575							
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
40	-0.00023324822499999	99						
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
40	-0.4068000325							
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
40	-0.17263322355	_ •		_				
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
40	-0.110117174875	m	373	<b>G</b>	377	36		34
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	Mean
NA 19	40 -0.06161577145 WALKING UPSTAIRS	Time	NT 7N	Gyroscope	NT 7N	Magn	+1140	GD.
NA	40 -0.26440144275	TIME	IVA	Gyroscope	NA	Magii	Ltude	עפ
19	WALKING UPSTAIRS	Time	NΤΛ	Gyroscope	Jork	NT 7N	Mean	v
40	-0.1018063044	TIME	IVA	Gyroscope	OELK	IVA	Mean	Λ
19	WALKING UPSTAIRS	Time	NΑ	Gyroscope	Jerk	NΑ	Mean	v
40	-0.0346288461475	TIME	1421	Суговсорс	OCIK	1421	nean	-
19	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
40	-0.0533545875525			13	<b></b> -			_
19	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
40	-0.23937641116							
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
40	-0.49212221875			_ <b>_</b>				
19	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z

```
40
     -0.3754149830025
19
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
          -0.372790526575
     40
NA
19
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
          -0.50740029025
NA
     WALKING UPSTAIRS
19
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Х
          0.242118808925
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
          -0.0303986615775
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
          -0.151054607725
     40
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                                SD
                                                          NA
Χ
          -0.1287420952375
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
          0.176349922525
Y
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Z
          -0.1904685504575
     WALKING UPSTAIRS
19
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
          40
                0.01738119347275
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
SD
                -0.177666828025
     NA
          40
                          Time Body Accelerometer
19
     WALKING UPSTAIRS
                                                     Jerk NA
                                                                Mean
          0.08315450836225
Χ
     40
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
          0.056818586275
Y
     40
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                Mean
\mathbf{z}
          0.0316681980575
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
          -0.1742790558
Х
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.0128865483575
     40
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.4442822275
19
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
               -0.114189605875
Mean NA
          40
                          Time Body Accelerometer
19
     WALKING UPSTAIRS
                                                     Jerk Magnitude
SD
                -0.284060693125
          40
19
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
          40
                0.8294283725
Mean X
19
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                          NA
                                                               NA
                -0.3871007085
Mean Y
          40
19
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean Z
          40
                -0.2210087627
                          Time Gravity
19
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
                                                               NA
SD
          40
                -0.916495992
19
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                -0.9010448505
SD
          40
```

19	WALKING_UPSTAIRS		Grav	ity Ac	celero	neter	NA	NA
SD	Z 40 -0.8369356		<b>a</b>	• •	-			
19	WALKING_UPSTAIRS itude Mean NA 40			ity Ac 9347275	celero	neter	NA	
маун. 19	WALKING UPSTAIRS			ity Ac	celeror	neter	NA	
	itude SD NA 40			828025	0010101		1111	
19	WALKING_UPSTAIRS		NA		pe NA	NA	Mean	X
40	-0.194485509535							
19	WALKING_UPSTAIRS	Freq	NA	Gyrosco	pe NA	NA	Mean	Y
40	-0.2254218170275	_		<b>a</b>				_
19	WALKING_UPSTAIRS -0.06612935167	Freq	NA	Gyrosco	pe NA	NA	Mean	Z
40 19	WALKING UPSTAIRS	Freq	NΙΔ	Gyrosco	ne NA	NA	SD	X
40	-0.4775147465	rreq	1421	dyrosco	pc III	1471	DD	Λ
19	WALKING UPSTAIRS	Freq	NA	Gyrosco	pe NA	NA	SD	Y
40	-0.149925160355	-		<u> </u>	-			
19	WALKING_UPSTAIRS	Freq	NA	Gyrosco	pe NA	NA	SD	Z
40	-0.207498123525							
19	WALKING_UPSTAIRS	Freq	NA	Gyrosco	pe NA	Magn	itude	Mean
NA	40 -0.28884026785	_		<b>a</b>				<b>a</b> 5
19	WALKING_UPSTAIRS 40 -0.3771327525	Freq	NA	Gyrosco	ре ма	Magn	itude	SD
NA 19	WALKING UPSTAIRS	Freq	NT 7N	Gyrosco	na Tarl	r Magn	i+ude	Moan
NA	40 <b>-</b> 0.4771839145	rreq	IVA	dylosco	be neri	r Magii	rcude	Mean
19	WALKING UPSTAIRS	Freq	NA	Gyrosco	pe Jerl	k Magn	itude	SD
NA	40 -0.58828966075	_		-	-	,		
19	WALKING_UPSTAIRS	Freq	Body	Acceler	ometer	NA	NA	Mean
X	40 -0.15687949467	775						
19	WALKING_UPSTAIRS	Freq	Body	Acceler	ometer	NA	NA	Mean
Y	40 0.111818164225	_	_ ,					
19	WALKING_UPSTAIRS	_	воау	Acceler	ometer	NA	NA	Mean
Z 19	40 -0.219644473407 WALKING UPSTAIRS		Body	Acceler	ometer	NA	NA	SD
X	40 <b>-0.</b> 11993477534	rreq	вост	Acceses	Ometer	IVA	IVA	שט
19	WALKING UPSTAIRS	Freq	Body	Acceler	ometer	NA	NA	SD
Y	40 0.1325575808112	_	_					
19	WALKING_UPSTAIRS	Freq	Body	Acceler	ometer	NA	NA	SD
Z	40 -0.239980695052	25						
19	WALKING_UPSTAIRS	_	Body	Acceler	ometer	NA	Magn	itude
Mean			_ ,					
19	WALKING_UPSTAIRS NA 40 -0.3682534	_	воау	Acceler	ometer	NA	Magn	itude
SD 19	NA 40 -0.3682534 WALKING UPSTAIRS		Body	Acceler	ometer	Jerk	N 7	Mean
X	40 -0.205322646192	_	ьочу	ACCETEL	OHIE CET	OCIK	TAT.	rieaii
19	WALKING UPSTAIRS		Bodv	Acceler	ometer	Jerk	NA	Mean
Y	40 -0.073928372175	_	1	_	_			_
19	WALKING_UPSTAIRS	Freq	Body	Acceler	ometer	Jerk	NA	Mean

```
Z
     40
          -0.3806571232
19
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
          -0.2172651781
Х
     40
19
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
     40
          -0.0131695876025
Y
19
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.50771620575
19
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                -0.187391317015
Mean NA
          40
19
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
     NA
          40
                -0.43467125
20
     LAYING
                Time NA
                                          NA
                                                Mean X
                          Gyroscope NA
68
     -0.0231760616308824
20
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Y
68
     -0.0954899626029412
20
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Z
                                                           68
0.123680209926471
20
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
68
     -0.984477414264706
20
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Υ
68
     -0.972941910294118
20
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Z
68
     -0.972409893529412
20
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
68
     -0.9604473725
20
                Time NA
     LAYING
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
68
     -0.962153597941176
20
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                Mean X
     -0.0995033069117647
68
20
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Y
68
     -0.038776298
20
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                Mean Z
     -0.0610028293088235
68
20
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Χ
68
     -0.989283577352941
20
                                                     Y
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
68
     -0.981540062058823
                                                     \mathbf{Z}
20
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
68
     -0.986670534411765
20
     LAYING
                Time NA
                          Gyroscope Jerk Magnitude Mean NA
68
     -0.986749500882353
20
     LAYING
                Time NA
                          Gyroscope Jerk Magnitude SD
                                                           NA
68
     -0.981079301617647
20
                Time Body Accelerometer
                                                                68
     LAYING
                                          NA
                                                NA
                                                     Mean X
0.239507882205882
20
                Time Body Accelerometer
     LAYING
                                          NA
                                                NA
                                                     Mean Y
     -0.0144406281132353
68
```

20	LAYING		_	Accel	erometer	NA	NA	Mean	${f z}$	
68 20	-0.1042743			Accel	erometer	NA	NA	SD	Х	
68	-0.962249		_			_,				
20	LAYING		_	Accel	erometer	NA	NA	SD	Y	
68	-0.964098			3 1		373	373	a D	-	
20 68	LAYING -0.9725719		_	Accel	erometer	NA	NA	SD	Z	
20	LAYING			Accel	erometer	NA	Magni	itude	Mean	NA
68	-0.960743		_				,			
20	LAYING		_	Accel	erometer	NA	Magni	itude	SD	NA
68	-0.939489			7~~~1	0.00 m o ± 0.00	Tomle	37.7	Maan	v	6.0
20	LAYING 9271600647		воау	Accel	erometer	Jerk	NA	Mean	Х	68
20	LAYING		Body	Accel	erometer	Jerk	NA	Mean	Y	68
	1108224953		2041	110001	010110101	001	-11-1	110411	_	
20	LAYING	Time	Body	Accel	erometer	Jerk	NA	Mean	$\mathbf{z}$	
68	-0.003098	918465	69118	3						
20	LAYING		_	Accel	erometer	Jerk	NA	SD	X	
68	-0.984270					<b>-</b> 1		a 5		
20 68	LAYING -0.977002		_	Accel	erometer	Jerk	NA	SD	Y	
20	LAYING			Accel	erometer	Jerk	NA	SD	Z	
68	-0.984989		_	110001		OCIA	1111	DD	_	
20	LAYING	Time	Body	Accel	erometer	Jerk	Magni	itude	Mean	NA
68	-0.984670	073823	3529							
20	LAYING	Time	Body	Accel	erometer	Jerk	Magni	Ltude	SD	NA
			_							
68	-0.980161	687058	3824	: +	Aggo] oromo	+02	NT 70	NT 70	Moon	V
20	LAYING	687058 Time	3824 Gravi	ity	Accelerome	eter	NA	NA	Mean	X
20 68	LAYING -0.472431	687058 Time 415573	3824 Gravi 3529	_						
20	LAYING	687058 Time 415573 Time	8824 Gravi 8529 Gravi	_	Accelerome		NA NA	NA NA	Mean Mean	
20 68 20	LAYING -0.4724314 LAYING 0.8648829	687058 Time 415573 Time 566176	8824 Gravi 8529 Gravi 547	ity		eter	NA	NA		Y
20 68 20 68 20 68	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339	687058 Time 415573 Time 566176 Time 05	3824 Gravi 3529 Gravi 547 Gravi	ity ity	Accelerome	eter eter	NA NA	NA NA	Mean Mean	Y Z
20 68 20 68 20 68 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757330 LAYING	687058 Time 415573 Time 566176 Time 05 Time	3824 Gravi 3529 Gravi 547 Gravi	ity ity	Accelerome	eter eter	NA	NA	Mean	Y
20 68 20 68 20 68 20 68	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757330 LAYING -0.9286742	687058 Time 415573 Time 566176 Time 05 Time 215147	3824 Gravi 3529 Gravi 647 Gravi Gravi	ity ity ity	Accelerome Accelerome	eter eter eter	NA NA NA	NA NA NA	Mean Mean SD	Y Z X
20 68 20 68 20 68 20 68 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286742 LAYING	687058 Time 415573 Time 566176 Time 05 Time 215147	3824 Gravi 3529 Gravi 647 Gravi 7059 Gravi	ity ity ity	Accelerome	eter eter eter	NA NA	NA NA	Mean Mean	Y Z
20 68 20 68 20 68 20 68	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757330 LAYING -0.9286742	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911	3824 Gravi 3529 Gravi 547 Gravi 7059 Gravi	ity ity ity ity	Accelerome Accelerome Accelerome	eter eter eter	NA NA NA	NA NA NA	Mean Mean SD SD	Y Z X
20 68 20 68 20 68 20 68 20 68	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911	3824 Gravi 3529 Gravi 647 Gravi 7059 Gravi	ity ity ity ity	Accelerome Accelerome	eter eter eter	NA NA NA	NA NA NA	Mean Mean SD	Y Z X
20 68 20 68 20 68 20 68 20 68 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911 Time 5525 Time	3824 Gravi 3529 Gravi 647 Gravi 7059 Gravi 1765 Gravi	ity ity ity ity ity ity ity	Accelerome Accelerome Accelerome	eter eter eter eter	NA NA NA	NA NA NA NA	Mean Mean SD SD	Y Z X Y
20 68 20 68 20 68 20 68 20 68 20 68 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING 68 -0.99	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911 Time 5525 Time 607431	3824 Gravi 3529 Gravi 547 Gravi 7059 Gravi 1765 Gravi	ity ity ity ity ity ity	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean
20 68 20 68 20 68 20 68 20 68 20 NA 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757330 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING 68 -0.99 LAYING	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911 Time 5525 Time 607431 Time	3824 Gravi 3529 Gravi 647 Gravi 7059 Gravi Gravi Gravi	ity ity ity ity ity ity ity ity ity	Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean
20 68 20 68 20 68 20 68 20 68 20 NA 20 NA	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING 68 -0.99 LAYING 68 -0.99	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911 Time 5525 Time 607431 Time 394894	3824 Gravi 3529 Gravi 547 Gravi 7059 Gravi 1765 Gravi 126176 Gravi	ity	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean
20 68 20 68 20 68 20 68 20 68 20 NA 20 NA 20	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING 68 -0.99 LAYING 68 -0.99 LAYING	687058 Time 415573 Time 566176 Time 05 Time 215147 Time 476911 Time 5525 Time 607431 Time 394894 Freq	3824 Gravi 3529 Gravi 547 Gravi 7059 Gravi 1765 Gravi 126176 Gravi	ity	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA	NA NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean
20 68 20 68 20 68 20 68 20 68 20 NA 20 NA	LAYING -0.4724314 LAYING 0.86488299 LAYING 0.47757339 LAYING -0.9286749 LAYING -0.9760184 LAYING -0.9765189 LAYING 68 -0.99 LAYING 68 -0.99	687058 Time 415573 Time 566176 Time 05 Time 476911 Time 5525 Time 607431 Time 394894 Freq 403529	3824 Gravi 3529 Gravi 547 Gravi 7059 Gravi 1765 Gravi 126176 Gravi	ity ity ity ity ity ity ity ity s471 ity s824 Gyros	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	NA NA NA NA NA	NA NA NA Magni	Mean Mean SD SD SD	Y Z X Y Z Mean

```
68
     -0.973120029558823
20
                          Gyroscope NA
                                               Mean Z
     LAYING
               Freq NA
                                          NA
68
     -0.972278603529412
20
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
               Freq NA
68
     -0.985154588529412
20
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
68
     -0.973092518088235
20
     LAYING
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
               Freq NA
68
     -0.974995267058824
20
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
68
     -0.969832241176471
20
     LAYING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
68
     -0.964205915441177
20
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.981119820588235
68
20
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
68
     -0.981986152941177
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
68
     -0.965728781617647
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
68
     -0.965595958382353
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
68
     -0.976392651323529
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
68
     -0.960997907205882
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Υ
68
     -0.964960988382353
20
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
68
     -0.971901324705882
20
               Freq Body Accelerometer
     LAYING
                                          NA
                                               Magnitude Mean NA
68
     -0.952827071323529
20
                                               Magnitude SD
     LAYING
               Freq Body Accelerometer
                                          NA
                                                               NA
68
     -0.9418940855
20
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
68
     -0.983889985147059
20
               Freq Body Accelerometer
                                          Jerk NA
     LAYING
                                                     Mean Y
68
     -0.9772207075
20
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
68
     -0.982876212058823
20
               Freq Body Accelerometer
                                          Jerk NA
                                                          Х
     LAYING
                                                     SD
68
     -0.986213883088235
20
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
68
     -0.978451446764706
               Freq Body Accelerometer
20
     LAYING
                                          Jerk NA
                                                     SD
                                                          \mathbf{z}
68
     -0.985707806323529
20
               Freq Body Accelerometer
     LAYING
                                          Jerk Magnitude Mean NA
     -0.979695458088235
68
```

20	LAYING	Freq Body	Accelerome	eter	Jerk	Magni	Ltude	SD	NA
68	-0.9795651	96911765							
20	SITTING	Time NA	Gyroscope	NA	NA	Mean	X		
66	-0.0364059	28969697							
20	SITTING	Time NA	Gyroscope	NA	NA	Mean	Y		
66	-0.0650689	347121212							
20	SITTING	Time NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$	66	
0.064	2882138333	3333							
20	SITTING	Time NA	Gyroscope	NA	NA	SD	X		
66	-0.9763090	17121212							
20	SITTING	Time NA	Gyroscope	NA	NA	SD	Y		
66	-0.9601045	08636364							
20	SITTING	Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
66	-0.9457718	303484848							
20	SITTING	Time NA	Gyroscope	NA	Magni	tude	Mean	NA	
66	-0.9395744	35606061	1 1		,				
20	SITTING	Time NA	Gyroscope	NA	Magni	tude	SD	NA	
66	-0.9410699		-1		5				
20	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	X		
66	-0.0959970				_,				
20	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
66	-0.0407299		C/10200pc	00111	-11-1	110411	-		
20	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	7.		
66	-0.0465835		C/10200pc	00111	-11-1	110411	_		
20	SITTING	Time NA	Gyroscope	Jerk	NA	SD	X		
66	-0.9774149		C/10200pc	00111	-11-1				
20	SITTING	Time NA	Gyroscope	Jerk	NA	SD	Y		
66	-0.9796840		C/10200pc	00111	-11-1		-		
20	SITTING	Time NA	Gyroscope	Jerk	NΑ	SD	Z		
66	-0.9797420		C/10200pc	00111	-11-1		_		
20	SITTING	Time NA	Gyroscope	Jerk	Magni	tude	Mean	NΑ	
66	-0.9830102		c/reseeps	00111	1149111	Juan	110411	-11-1	
20	SITTING	Time NA	Gyroscope	Jerk	Magni	tude	SD	NA	
66	-0.9750761		суговоорс	OCIN	iiagii:	caac	DD.	1111	
20	SITTING		Accelerome	eter	NA	NA	Mean	X	66
	0454390909	_	1100010101110	- CCI	1111	1111	ncun	21	
20			Accelerome	eter	NA	NA	Mean	v	
66	-0.0147229	_	neceterome	CCI	1421	1421	ncan	_	
20	SITTING		Accelerome	oter	NA	NA	Mean	7.	
66	-0.1083696	_	neceterome	CCI	1421	1421	ncan	2	
20	SITTING		Accelerome	ter	NA	NA	SD	X	
66	-0.9830818	_	Accelerome	CCI	IVA	1177	שמ	Λ	
20	SITTING		Accelerome	tor	NA	NA	SD	Y	
66	-0.9361227	_	VICCETETOIIIE	CCT	1117	1117	עט	_	
20	SITTING		Accelerome	ter	NA	NA	SD	Z	
66	-0.9291063		VCCETETOIIIE	- CET	IAU	1117	עט	ப	
20	SITTING		Accelerome	a+ar	NA	Magn	itude	Maar	NΛ
20	PITITING	TIME BOUY	vecereroille	CET	INA	mayii	Luue	riedii	иA

6.6	0 052729042020202						
66 20	-0.952738043030303 SITTING Time Body Accele	oromotor	NA	Magni	tude	GD.	NA
66	-0.937764028181818	eromerer	IVA	Magiii	Luue	עמ	INA
20	SITTING Time Body Accele	erometer	Jerk	NΤΛ	Mean	v	66
	46568393030303	erometer	OCIK	IVA	Mean	Λ	00
20	SITTING Time Body Accele	oromotor	Jerk	NT 7A	Mean	v	66
	597430268636364	erometer	DELK	IVA	Mean	1	00
20	SITTING Time Body Accele	oromotor	Jerk	NT 7A	Mean	7	66
	160134859924242	erometer	OCIK	IVA	Mean	ப	00
20	SITTING Time Body Accele	aromatar	Jerk	NZ	SD	X	
66	-0.982078229242424	CIOMCCCI	UCIK	1421	DD	21	
	SITTING Time Body Accele	erometer	Jerk	NΔ	SD	Y	
66	-0.970896863484848	CIOMCCCI	OCIN	1121	DD	-	
20	SITTING Time Body Accele	erometer	Jerk	NA	SD	Z	
66	-0.976522488787879	0101110101	00111	-11-1	22	_	
20	SITTING Time Body Accele	erometer	Jerk	Magni	tude	Mean	NA
66	-0.978774578333333			9			
20	SITTING Time Body Accele	erometer	Jerk	Magni	tude	SD	NA
66	-0.972537871515151			,			
20	SITTING Time Gravity	Accelerome	eter	NA	NA	Mean	X
66	0.924454522424242						
20	SITTING Time Gravity	Accelerome	eter	NA	NA	Mean	Y
66	0.0733385412878788						
20	SITTING Time Gravity	Accelerome	eter	NA	NA	Mean	Z
66	0.151679135228788						
20	SITTING Time Gravity	Accelerome	eter	NA	NA	SD	X
66	-0.985829034393939						
20	SITTING Time Gravity	Accelerome	eter	NA	NA	SD	Y
66	-0.966983534242424						
20	SITTING Time Gravity	Accelerome	eter	NA	NA	SD	Z
66	-0.935854966151515						
20	SITTING Time Gravity	Accelerome	eter	NA	Magni	itude	Mean
NA	66 -0.952738043030303						
20	=	Accelerome	eter	NA	Magni	itude	SD
NA	66 -0.937764028181818						
20		cope NA	NA	Mean	X		
66	-0.969913284393939						
20	<u> </u>	cope NA	NA	Mean	Y		
66	-0.964643068787879						
20		cope NA	NA	Mean	Z		
66	-0.950963363939394						
20		cope NA	NA	SD	X		
66	-0.978433538484848						
20		cope NA	NA	SD	Y		
66	-0.958015696363636			~-	_		
20		cope NA	NA	SD	Z		
66	-0.949176822121212						

```
Freq NA
20
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
66
     -0.953399068181818
20
     SITTING
                          Gyroscope NA
                                          Magnitude SD
                                                          NΑ
               Freq NA
66
     -0.943725755909091
20
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
               Freq NA
66
     -0.976108353787879
20
     SITTING
                          Gyroscope Jerk Magnitude SD
               Freq NA
                                                          NA
66
     -0.975226588333333
20
               Freq Body Accelerometer
                                               NA
                                                    Mean X
     SITTING
                                          NA
66
     -0.981203064242424
20
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                          NA
66
     -0.945198619242424
20
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
     -0.947597457121212
66
20
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                          Х
     SITTING
                                          NA
66
     -0.98397837530303
20
               Freq Body Accelerometer
                                                          Y
     SITTING
                                          NA
                                               NA
                                                    SD
66
     -0.935031700454545
20
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Z
66
     -0.924947175454545
20
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
66
     -0.946913451666667
20
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
     SITTING
                                                               NA
66
     -0.942151231515152
20
               Freq Body Accelerometer
                                          Jerk NA
     SITTING
                                                    Mean X
66
     -0.982243603030303
20
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
     SITTING
66
     -0.971158287575758
20
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
     -0.973211461363636
66
20
               Freq Body Accelerometer
                                                          Х
     SITTING
                                          Jerk NA
                                                    SD
66
     -0.983565760757576
20
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Υ
66
     -0.972776577272727
20
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
     SITTING
66
     -0.978458923030303
20
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
66
     -0.971730462575758
20
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
66
     -0.972597744242424
20
                                          NA
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean X
73
     -0.0241335049573973
20
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
73
     -0.0698308923617808
20
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          73
0.0773671448739726
20
     STANDING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Х
                                          NA
```

```
73
     -0.886749172739726
20
     STANDING
               Time NA
                                               SD
                                                    Y
                          Gyroscope NA
                                          NA
73
     -0.903913940684931
20
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Z
73
     -0.907343324657534
20
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
73
     -0.883675028630137
20
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                         NA
73
     -0.843683410273973
20
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
73
     -0.102049132684932
20
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
73
     -0.0432152397506849
20
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
73
     -0.051815224739726
20
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
73
     -0.921644239863014
20
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
73
     -0.947633070684932
20
                                                    Z
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
73
     -0.948669854794521
20
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
73
     -0.94793650109589
20
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
73
     -0.926328788356164
               Time Body Accelerometer
20
                                                               73
     STANDING
                                          NA
                                               NA
                                                    Mean X
0.278076904657534
20
     STANDING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
73
     -0.0180695049161644
20
               Time Body Accelerometer
     STANDING
                                          NA
                                               NA
                                                    Mean Z
73
     -0.100402759931507
20
               Time Body Accelerometer
     STANDING
                                          NA
                                               NA
                                                    SD
                                                         Х
73
     -0.967209961232877
20
               Time Body Accelerometer
     STANDING
                                          NA
                                               NA
                                                    SD
                                                         Υ
73
     -0.87541041109589
20
               Time Body Accelerometer
                                                    SD
                                                         Z
     STANDING
                                          NA
                                               NA
73
     -0.913142481643836
20
     STANDING
               Time Body Accelerometer
                                          NA
                                               Magnitude Mean NA
73
     -0.92240685739726
20
               Time Body Accelerometer
                                               Magnitude SD
     STANDING
                                          NA
                                                               NA
73
     -0.910672094794521
20
     STANDING
               Time Body Accelerometer
                                          Jerk NA
                                                    Mean X
                                                               73
0.0763556159315068
               Time Body Accelerometer
                                                               73
     STANDING
                                          Jerk NA
                                                    Mean Y
0.0116930221630137
20
               Time Body Accelerometer
     STANDING
                                          Jerk NA
                                                    Mean Z
     -0.00613681937487671
73
```

```
STANDING Time Body Accelerometer
20
                                         Jerk NA
                                                    SD
                                                         Х
73
     -0.959528332191781
20
     STANDING
               Time Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Υ
73
     -0.935605650958904
               Time Body Accelerometer
20
                                                    SD
                                                         \mathbf{Z}
     STANDING
                                         Jerk NA
73
     -0.958936310958904
20
     STANDING
               Time Body Accelerometer
                                         Jerk Magnitude Mean NA
73
     -0.956624899041096
20
               Time Body Accelerometer
                                         Jerk Magnitude SD
     STANDING
                                                              NA
73
     -0.938454372328767
20
               Time Gravity
                               Accelerometer
                                                    NA
     STANDING
                                              NA
                                                         Mean X
73
     0.911231752465753
20
     STANDING
               Time Gravity
                               Accelerometer
                                              NA
                                                    NA
                                                         Mean Y
73
     -0.305938716712329
20
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Z
73
     0.0708655286023288
20
     STANDING
               Time Gravity
                               Accelerometer
                                              NA
                                                    NA
                                                         SD
                                                              Х
73
     -0.981916942054795
20
     STANDING
               Time Gravity
                               Accelerometer
                                              NA
                                                    NA
                                                         SD
                                                              Y
73
     -0.957462721369863
20
               Time Gravity
                                               NA
                                                    NA
                                                         SD
                                                              Z
     STANDING
                               Accelerometer
73
     -0.942437325616438
20
               Time Gravity
                               Accelerometer
                                                    Magnitude Mean
     STANDING
                                              NA
NA
          -0.92240685739726
20
     STANDING Time Gravity
                               Accelerometer
                                              NA
                                                    Magnitude SD
NA
     73
          -0.910672094794521
20
                                               Mean X
     STANDING Freq NA
                          Gyroscope NA
                                         NA
73
     -0.881019424794521
20
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                              Mean Y
     -0.91064914109589
73
20
                          Gyroscope NA
     STANDING Freq NA
                                         NA
                                               Mean Z
73
     -0.911409911643836
20
     STANDING Freq NA
                          Gyroscope NA
                                               SD
                                                    Х
                                         NA
73
     -0.890525705068493
20
                                                    Y
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
73
     -0.901237499589041
20
                          Gyroscope NA
                                               SD
                                                    Z
     STANDING Freq NA
                                         NA
73
     -0.914872014383562
20
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude Mean NA
73
     -0.879437674794521
20
                          Gyroscope NA
     STANDING Freq NA
                                         Magnitude SD
                                                         NA
73
     -0.849127347123288
20
     STANDING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
73
     -0.929600007123288
20
     STANDING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
73
     -0.927225720410959
     STANDING Freq Body Accelerometer
20
                                              NA
                                         NΑ
                                                    Mean X
```

73 20	-0.96193272890411 STANDING Freq Body	Accelerometer	NA	NA	Mean	v	
73	-0.898194212465753	Acceletometer	IVA	IVI	rican	1	
20	STANDING Freq Body	Accelerometer	NA	NA	Mean	Z	
73	-0.929985824794521						
20	STANDING Freq Body	Accelerometer	NA	NA	SD	X	
73	-0.96980617890411						
20	STANDING Freq Body	Accelerometer	NA	NA	SD	Y	
73 20	-0.872525409452055 STANDING Freq Body	Accelerometer	NA	NA	SD	Z	
73	-0.910995860273973	Acceletometer	IVA	IVA	שמ	4	
20	STANDING Freq Body	Accelerometer	NA	Magn	itude	Mean	NA
73	-0.921225595205479			,			
20	STANDING Freq Body	Accelerometer	NA	Magn	itude	SD	NA
73	-0.918651880273973						
20	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	X	
73	-0.959710489315069	Nacal anamatan	Tomle	377	Moon	37	
20 73	STANDING Freq Body -0.935717554109589	Accelerometer	Jerk	NA	Mean	Y	
20	STANDING Freq Body	Accelerometer	Jerk	NA	Mean	7.	
73	-0.952741107945206	110001010110110001	00111	-11-1	man	_	
20	STANDING Freq Body	Accelerometer	Jerk	NA	SD	X	
73	-0.963098911506849						
20	STANDING Freq Body	Accelerometer	Jerk	NA	SD	Y	
73	-0.94047417890411					_	
20	STANDING Freq Body	Accelerometer	Jerk	NA	SD	Z	
73 20	-0.963973097671233 STANDING Freq Body	Accelerometer	Jork	Magn:	itude	Moan	NΤΛ
73	-0.940007897123288	Acceletometer	nerk	Mayii.	Luue	Mean	IVA
20	STANDING Freq Body	Accelerometer	Jerk	Magn	itude	SD	NA
73	-0.936025033013699			,			
20	WALKING Time NA	Gyroscope NA	NA	Mean	X		
51	-0.0234104225980392						
20	WALKING Time NA	Gyroscope NA	NA	Mean	Y		
51	-0.074105054612549	Carrograms NA	NT 70	Moon	<b>17</b>	E 1	
20	WALKING Time NA 51359929294118	Gyroscope NA	NA	Mean	Z	51	
20	WALKING Time NA	Gyroscope NA	NA	SD	X		
51	-0.23294061427451	cyrosopo mi	-11-1				
20	WALKING Time NA	Gyroscope NA	NA	SD	Y	51	
0.08	58321519372549	_					
20	WALKING Time NA	Gyroscope NA	NA	SD	Z		
51	-0.165748467372549	_					
20	WALKING Time NA	Gyroscope NA	Magn	ıtude	Mean	NA	51
0.068	86275147882353	Curoccono MA	M	:+,,,,,,,	GD.	NT 7\	
20 51	WALKING Time NA -0.0367853189588235	Gyroscope NA	mayn.	itude	עפ	NA	
JI	-0.030/033103300233						

20	WALKING	Time	NA	Gyroscope	Jerk	NA	Mean	X		
51	-0.0679992									
20	WALKING	Time		Gyroscope	Jerk	NA	Mean	Y		
51	-0.0514175				_					
20	WALKING			Gyroscope	Jerk	NA	Mean	Z		
51	-0.0549273			_	_					
20	WALKING			Gyroscope	Jerk	NA	SD	X		
51	-0.253227			<b>G</b>	T1-	373	an	77		
20	WALKING			Gyroscope	Jerk	NA	SD	Y		
51	-0.1275540			<b>G</b>	T1-	373	an.	-		
20	WALKING			Gyroscope	Jerk	NA	SD	Z		
51	-0.2270443			G	T1-	M =	- المادات	M	37.7	
20	WALKING			Gyroscope	Jerk	Magn	Ltuae	Mean	NA	
51	-0.1948932			<b>G</b>	T1-	36		a D	377	
20	WALKING			Gyroscope	Jerk	Magn	Ltude	SD	NA	
51	-0.1498643									- 4
20	WALKING		воду	Accelerome	eter	NA	NA	Mean	Х	51
	25893364705		<b>-</b> 1							
20			_	Accelerome	eter	NA	NA	Mean	Y	
51	-0.0211999								_	
20	WALKING		_	Accelerome	eter	NA	NA	Mean	Z	
51	-0.1135394			3 3		373	373	a D	**	
20			_	Accelerome	eter	NA	NA	SD	X	
51	-0.2083427			3 3		373	373	a D	**	<b>-</b> 1
20	WALKING		воау	Accelerome	eter	NA	NA	SD	Y	51
	97718086274		<b>-</b> 1					<b>a b</b>	_	
20				Accelerome	eter	NA	NA	SD	Z	
51	-0.2287342									
20			_	Accelerome	eter	NA	Magn	itude	Mean	NA
51	0.03940228							•	~-	
20	WALKING		_	Accelerome	eter	NA	Magn	itude	SD	NA
51	-0.1569303					_ ,				- 4
			Body	Accelerome	eter	Jerk	NA	Mean	X	51
	1123432313			_		_ ,				
20	WALKING		_	Accelerome	eter	Jerk	NA	Mean	Y	
	-0.0210619			_		_				
			Body	Accelerome	eter	Jerk	NA	Mean	Z	51
	53445722352			_		_				
			_	Accelerome	eter	Jerk	NA	SD	X	
	-0.0906450			_		_				
20	WALKING		Body	Accelerome	eter	Jerk	NA	SD	Y	51
	43108940980									
20			_	Accelerome	eter	Jerk	NA	SD	Z	
51				_				_		
			_	Accelerome	eter	Jerk	Magn	itude	Mean	NA
	-0.0429359			_				_		
20	WALKING	Time	Body	Accelerome	eter	Jerk	Magn	itude	SD	NA

51	0.0210765716843137								
20	WALKING Time Grav	ity	Acce]	Lerome	eter	NA	NA	Mean	X
51	0.899965205686274								
20	WALKING Time Grav	ity	Acce]	Lerome	eter	NA	NA	Mean	Y
51	-0.344443913137255								
20	WALKING Time Grav	ity	Acce]	Lerome	eter	NA	NA	Mean	Z
51	-0.035130214								
20	WALKING Time Grav	ity	Acce]	Lerome	eter	NA	NA	SD	X
51	-0.970327266470588								
20	WALKING Time Grav	ity	Acce]	Lerome	eter	NA	NA	SD	Y
51	-0.962003383529412		_	_					
20	WALKING Time Grav	ity	Accel	Lerome	eter	NA	NA	SD	Z
51	-0.953850439607843			-					
20	WALKING Time Grav	-	Acce]	Lerome	eter	NA	Magn	itude	Mean
NA	51 0.039402280578								~-
20	WALKING Time Grav	-	Acce	Lerome	eter	NA	Magn	itude	SD
NA	51 -0.15693039192			373	377	36	**		
20	WALKING Freq NA	_	scope	NA	NA	Mean	Х		
51	-0.0936248686019608			377	377	M	37	г 1	
20	WALKING Freq NA	Gyro	scope	NA	NA	Mean	Y	51	
20	10145965868627	Crrro		NT 70	<b>NT 7</b>	Moon	7		
	WALKING Freq NA	Gyro	scope	NA	NA	Mean	Z		
51 20	-0.108892495684314	Crrro		NT 70	<b>NT 7</b>	SD	Х		
51	WALKING Freq NA -0.279931528352941	Gyro	scope	NA	NA	עמ	Λ		
20	WALKING Freq NA	Gyros	scope	NΙΔ	NA	SD	Y	51	
	7704805445098	Gyro	scope	IVA	IVA	שנ	1	31	
20	WALKING Freq NA	Gyro	scope	NΔ	NA	SD	Z		
51	-0.264957205764706	dyro.	эсорс	1471	1421	DD	4		
20	WALKING Freq NA	Gyros	scope	NΑ	Magni	tude	Mean	NΑ	
51	-0.0520065599062745	_	всорс	1421	nagin	Leade	ncun	1421	
20	WALKING Freq NA		scope	NA	Magni	tude	SD	NA	
51	-0.196210236058824	-1	- C-		9			_,	
20	WALKING Freq NA	Gvro	scope	Jerk	Magni	tude	Mean	NA	
51	-0.180365335498431	4	_		,				
20	WALKING Freq NA	Gyro	scope	Jerk	Magni	tude	SD	NA	
51	-0.171975765239216	-	-		,				
20	WALKING Freq Body	Acce	lerome	eter	NA	NA	Mean	X	
51	-0.147404272166667								
20	WALKING Freq Body	Acce	lerome	eter	NA	NA	Mean	Y	51
0.40	3465950921569								
20	WALKING Freq Body	Acce	lerome	eter	NA	NA	Mean	$\mathbf{Z}$	
51	-0.272213861705882								
20	WALKING Freq Body	Acce	lerome	eter	NA	NA	SD	X	
51	-0.234985644352941								
20	WALKING Freq Body	Acce	lerome	eter	NA	NA	SD	Y	51
0.43	8436341294118								

20	WALKING Freq Body	Acce	lerome	eter	NA	NA	SD	Z	
51 20	-0.26649772672549 WALKING Freq Body		lerome	eter	NA	Magn	itude	Mean	NA
51 20	-0.00353341793921569 WALKING Freq Body		lerome	eter	NA	Magni	itude	SD	NA
51 20	-0.389934004313725 WALKING Freq Body	Acce	lerome	eter	Jerk	NA	Mean	X	
51 20	-0.138717234372549 WALKING Freq Body	Acce	lerome	eter	Jerk	NΑ	Mean	V	51
	7933952294118	11000		2001	CCIN	1411	iicaii	_	31
20	WALKING Freq Body	Acce	lerome	eter	Jerk	NA	Mean	Z	
51	-0.34599447627451								
20	WALKING Freq Body	Acce	lerome	eter	Jerk	NA	SD	X	
51	-0.122237205541176								
20	WALKING Freq Body	Acce	lerome	eter	Jerk	NA	SD	Y	51
0.25	5614062961569								
20	WALKING Freq Body	Acce	lerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
51	-0.427690451960784								
20	WALKING Freq Body	Acce	lerome	eter	Jerk	Magn	itude	Mean	NA
51	0.0545269493972549								
20	WALKING Freq Body	Acce	lerome	eter	Jerk	Magn	itude	SD	NA
51	-0.0310650270227451								
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	X
45	-0.111367747557778								
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	Y
45	0.0139023395111111								
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	Mean	Z
45	0.103900480541333								
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	X
45	-0.204939567711111			_					
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
45	-0.146794177311111	m :	373	<b>G</b>		377	373	a D	-
20	WALKING_DOWNSTAIRS	Time	NA	Gyros	scope	NA	NA	SD	$\mathbf{Z}$
45	0.159723529622222	m: ma	377	C		3.7.73	Maan	: d _	Maan
20	WALKING_DOWNSTAIRS 45 0.0938419436933	Time	NA	GYLO	scope	NA	Magii.	Ltude	Mean
NA 20	WALKING DOWNSTAIRS	Time	NT 7N	Curo	scope	NT 7N	Magn	+1140	CD
NA	45 -0.030576243870		NA	GYLO	scope	NA	Magii.	itude	עפ
NA 20	WALKING DOWNSTAIRS	Time	NT 7N	Curo	raono	Jerk	NT 7A	Mean	v
45	-0.0452503065777778	TIME	IVA	Gyro	scope	DELK	IVA	Mean	Λ
20	WALKING DOWNSTAIRS	Time	NΔ	Gyros	CODA	Jerk	NΙΔ	Mean	v
45	-0.0577371504488889	TIME	1477	dyro.	осорс	OCIK	1171	ricuii	1
20	WALKING DOWNSTAIRS	Time	NΑ	Gyros	scope	Jerk	NΑ	Mean	7.
45	-0.061531283		-1-1	0,10.	- COPC	0011	-1	110411	_
20	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Х
45	-0.249235098988889		<b>-</b>	-1-01			<b>_</b>	<del></del>	
20	WALKING DOWNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Y
	<u> </u>			1 - 2.	E-				

```
45
     -0.334568787888889
20
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               \mathbf{Z}
     0.00307854550222222
45
20
     WALKING DOWNSTAIRS Time NA
                                     Gyroscope Jerk Magnitude Mean
          -0.268183423577778
NA
20
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
NA
          -0.275591880382222
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
X
          0.296144421355556
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
          -0.00964120773155556
Y
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
\mathbf{Z}
          -0.104602925937778
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
          0.0745098785288889
Х
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Y
          0.616937015333333
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Z
          -0.160938536488889
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
                0.221851587933333
Mean NA
          45
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
SD
                0.172636361444444
     NA
          45
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
          0.0695031058
Χ
     45
20
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
          0.00436449644888889
Y
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
          -0.00253482149777778
Z
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
X
          -0.135699627468889
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          0.289670966711111
20
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                     Jerk NA
                                                               SD
\mathbf{z}
          -0.381503405466667
20
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
                -0.0612699838466667
Mean NA
          45
                          Time Body Accelerometer
20
     WALKING DOWNSTAIRS
                                                    Jerk Magnitude
SD
          45
                0.0467185842571111
20
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
                                                               NA
                                                          NA
                0.91972663
Mean X
          45
20
     WALKING DOWNSTAIRS
                         Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                -0.277419718666667
Mean Y
          45
20
     WALKING DOWNSTAIRS
                         Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          45
                -0.0282591579777778
20
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
               -0.940458075111111
SD
          45
```

20	WALKING_DOWNSTAIRS			ty	Accel	Lerome	eter	NA	NA
SD	Y 45 -0.9085771					•			
20 CD	WALKING_DOWNSTAIRS			.ty	Accel	Lerome	eter	NA	NA
SD 20	Z 45 -0.9196935			+ * *	7 9 9 9 1	loroma	tor	NA	
	WALKING_DOWNSTAIRS itude Mean NA 45		Gravi 185158	_		rerone	erer	NA	
маун. 20	WALKING DOWNSTAIRS		Gravi			larome	tor	NA	
	itude SD NA 45		263636	_		reronie	CEI	IVA	
20	WALKING DOWNSTAIRS			Gyros		NΑ	NA	Mean	x
45	-0.0629572600911111	1104	1411	Cyrob	оорс	1111	1111	nean	
20	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
45	-0.13809794555556	_		2	_	-	-		
20	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
45	0.257037841093333	_		-	-				
20	WALKING DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	X
45	-0.2533 <del>6</del> 5630644444	_		_	_				
20	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
45	$-0.1599\overline{61424355556}$								
20	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Z
45	0.0183050845333333								
20	WALKING_DOWNSTAIRS	Freq	NA	Gyros	cope	NA	Magni	tude	Mean
NA	45 -0.100566103524	444							
20	WALKING_DOWNSTAIRS	_	NA	Gyros	cope	NA	Magni	Ltude	SD
NA	45 -0.151681987177								
20	WALKING_DOWNSTAIRS	_	NA	Gyros	cope	Jerk	Magni	Ltude	Mean
NA	45 -0.311668472555					_			
20	<u>—</u>	Freq	NA	Gyros	cope	Jerk	Magni	Ltude	SD
NA	45 -0.281657285946		_ ,						
20	WALKING_DOWNSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
X	45 <b>-0.</b> 034330998755		D1	2 7			377	377	36
20	WALKING_DOWNSTAIRS	_	воау	Accel	erome	eter	NA	NA	Mean
Y	45 0.5241876868888		Dod	7~~~1		+	3.7.73	377	Moon
20	WALKING_DOWNSTAIRS 45 -0.188098811986		воау	Accel	erome	eter	NA	NA	Mean
Z 20	45 -0.188098811986 WALKING DOWNSTAIRS		Body	Nago 1	oromo	tor	NA	NA	SD
X	45 0.1130334242617	_	ьоцу	Accer	erome	ecer	NA	NA	עפ
20	WALKING DOWNSTAIRS		Body	Accel	erome	tor	NA	NA	SD
Y	45 0.560191344	rrcq	Боау	ACCCI	CIOIIIC	CCI	1421	1421	DD .
20	WALKING DOWNSTAIRS	Frea	Body	Accel	erome	eter	NA	NA	SD
Z	45 -0.213916756933	_	zouj	110001	01 01110	2001	-11-1		
20	WALKING DOWNSTAIRS		Body	Accel	erome	eter	NA	Magni	tude
Mean	<del>_</del>	_	_					,	
20	WALKING DOWNSTAIRS			Accel	erome	eter	NA	Magni	tude
SD	NA 45 0.00024217	_	_					,	
20	WALKING_DOWNSTAIRS		Body		erome	eter	Jerk	NA	Mean
X	45 -0.199360430553	978							
20	WALKING_DOWNSTAIRS	Freq	Body	Accel	erome	eter	Jerk	NA	Mean

Y	45 0.20582								
20	WALKING_DOWN		_	Body	Accelerome	eter	Jerk	NA	Mean
Z		202453555							
20	WALKING_DOWN		_	Body	Accelerome	eter	Jerk	NA	SD
X	45 -0.1472	785927555	556						
20	WALKING_DOWN	ISTAIRS I	Freq	Body	Accelerome	eter	Jerk	NA	SD
Y	45 0.29311	95264444	44						
20	WALKING_DOWN	STAIRS E	Freq	Body	Accelerome	eter	Jerk	NA	SD
$\mathbf{Z}$	45 -0.4052	948964666	667						
20	WALKING DOWN	STAIRS E	req	Body	Accelerome	eter	Jerk	Magn	itude
Mean	_	013791715	_	_				_	
20	WALKING DOWN	STAIRS E	req	Body	Accelerome	eter	Jerk	Magn	itude
SD	_	079037979	_	_				,	
20	WALKING_UPST		rime		Gyroscope	NA	NA	Mean	Х
51	0.0659193258			•	7 F O	-	-	<b>-</b>	
20	WALKING UPST		Гime	NA	Gyroscope	NA	NA	Mean	Y
51	-0.174650964				-1-130050				-
20	WALKING UPST		Гime	NA	Gyroscope	NA	NA	Mean	7.
51	0.0587019418			-1-1	-1-0000PC		-1-1	110411	_
20	WALKING UPST		Гime	NΑ	Gyroscope	NΑ	NA	SD	Х
51	-0.492701193		LIMC	1471	буговсорс	1421	1421	סט	21
20	WALKING UPST		Гime	NΤΛ	Gyroscope	NΤΛ	NA	SD	Y
51	-0.104722161		TIME	IVA	Gyroscope	IVA	IVA	עמ	1
			nima	NT 70	Curagana	<b>3.T.7</b> 3	<b>3.T.7</b> 3	CD	7
20	WALKING_UPST		Гime	NA	Gyroscope	NA	NA	SD	Z
51	0.1841193327		n :	373	<b>Q</b>	377	36		34
20	WALKING_UPST		rime	NA	Gyroscope	NA	Magni	Ltude	Mean
NA		025382352			_				
20	WALKING_UPST		rime	NA	Gyroscope	NA	Magni	Ltude	SD
NA		299858039							
20	WALKING_UPST		rime	NA	Gyroscope	Jerk	NA	Mean	X
51	-0.148389168								
20	WALKING_UPST		Гіme	NA	Gyroscope	Jerk	NA	Mean	Y
51	-0.018981625	0372549							
20	WALKING_UPST	'AIRS 'I	Гime	NA	Gyroscope	Jerk	NA	Mean	Z
51	-0.051898545	1176471							
20	WALKING_UPST	'AIRS 'I	rime	NA	Gyroscope	Jerk	NA	SD	X
51	-0.471107678	431373							
20	WALKING_UPST	'AIRS 'I	Гime	NA	Gyroscope	Jerk	NA	SD	Y
51	-0.393988623				_				
20	WALKING UPST		Гime	NA	Gyroscope	Jerk	NA	SD	Z
51	-0.253867089								
20	WALKING UPST		Гime	NA	Gyroscope	Jerk	Magni	itude	Mean
NA	_	284162745		•	7 F O	<b>-</b>	5		
20	WALKING UPST		Time	NA	Gyroscope	Jerk	Magni	itude	SD
NA	<b>—</b>	960686274		-1	-1-000000	J J L 11	9-11-		
20	WALKING UPST			Body	Accelerome	eter	NA	NA	Mean
X	_	831715686		Loay	TOCETETOINE	CCT	1117	1117	ricuii
Λ	JI 0.23209	021112000	, ,						

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20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
Y
          -0.0282258047588235
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              Mean
          -0.121023947784314
                          Time Body Accelerometer
20
     WALKING UPSTAIRS
                                                    NA
                                                         NA
                                                               SD
Х
          -0.116088676011765
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                               SD
                                                         NA
Y
          0.15219632835098
     51
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.229249455098039
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                         Magnitude
                                                    NA
          51
               0.00872502461176471
Mean NA
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
     NA
          51
               -0.198269718823529
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Χ
          0.0836451256901961
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Y
          0.00659982629803922
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
\mathbf{Z}
          -0.024542099304902
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.185695388078431
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.260789711588235
20
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
          -0.513641207058824
20
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk Magnitude
Mean NA
          51
               -0.255611242098039
                          Time Body Accelerometer Jerk Magnitude
20
     WALKING UPSTAIRS
               -0.239444370019608
SD
          51
20
                          Time Gravity
                                         Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                              NA
          51
               0.777095717058824
20
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean Y
          51
               -0.479894842941176
20
                          Time Gravity
                                         Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                              NA
               -0.130117634791765
Mean Z
          51
                                         Accelerometer
20
     WALKING UPSTAIRS
                          Time Gravity
                                                         NA
                                                               NA
SD
               -0.931405014313725
          51
20
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
          51
               -0.92459435372549
SD
20
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                               NA
SD
          51
               -0.904064093529412
20
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                          0.00872502461176471
Magnitude Mean NA
                     51
20
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
Magnitude SD
                          -0.198269718823529
               NA
                     51
20
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
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51	-0.372684353921569							
20	WALKING UPSTAIRS	Freq	NΑ	Gyroscope	NΑ	NA	Mean	V
51	-0.162341385629412	1104	1421	Суговоорс	1421	1411	nean	-
20	WALKING UPSTAIRS	Freq	NA	Gyroscope	NA	NA	Mean	Z
51	0.115076640798039	-						
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X
51	-0.532021733921569							
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
51	-0.079046721372549							
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
51	0.095476833245098							
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	Mean
NA	51 -0.286627716823			_				
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	SD
NA	51 -0.360948341823				- 1			
20	WALKING_UPSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	ıtude	Mean
NA	51 -0.450393446470		NT 70	Curagana	Torde	Magn	: + d o	CD
20 NA	WALKING_UPSTAIRS 51 -0.502821543725	Freq	NA	Gyroscope	nerk	Magii.	Luue	שט
20	WALKING UPSTAIRS		Body	Accelerome	ator	NA	NA	Mean
X	51 <b>-0.</b> 140439074776	_	ьост	Acceletome	cer	IVA	IVA	mean
20	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	51 -0.029383244022	_	Doay	110001010111	2001	1411	1111	nean
20	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z	51 -0.318431522156	_	_					
20	WALKING UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X	51 -0.108444759592	2157	_					
20	WALKING_UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y	51 0.1645467502254	19						
20	WALKING_UPSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Z	51 -0.242438965196							
20	WALKING_UPSTAIRS	_	_	Accelerome	eter	NA	Magni	itude
Mean				_				
20	WALKING_UPSTAIRS	_	_	Accelerome	eter	NA	Magni	tude
SD	NA 51 -0.3202410			7 7		T1-	373	<b>M</b> = = = =
20	WALKING_UPSTAIRS	_	воау	Accelerome	eter	Jerk	NA	Mean
X	51 -0.256162264623		Doder	Aggolorome	2+05	Torde	NT 70	Moon
20 Y	WALKING_UPSTAIRS 51 -0.312161098966	_	воцу	Acceletome	scer	Jerk	NA	Mean
20	WALKING UPSTAIRS		Body	Accelerome	ator	Jerk	NT 7N	Mean
Z	51 <b>-0.</b> 492755895098	_	Боау	Accererone	CCI	DELK	INT	nean
20	WALKING UPSTAIRS		Body	Accelerome	eter	Jerk	NΑ	SD
X	51 -0.187090779486	_	Doay	110001010111	2001	CCIN	1411	55
20	WALKING UPSTAIRS		Bodv	Accelerome	eter	Jerk	NA	SD
Y	51 -0.255008282372	_	1		_	<b>-</b>		
20	WALKING_UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	51 -0.533201712745	5098	_					

20	WALKING_UPSTAIRS		Acce	lerom	eter	Jerk	Magni	tude
Mean		031556863				- 1		. 1
20 CD	WALKING_UPSTAIRS NA 51 -0.280450	Freq Body 026862745	Acce.	Lerom	eter	Jerk	Magni	tude
SD 21	NA 51 -0.280450 LAYING Time NA	Gyroscope	NT 7N	NA	Mean	v		
90	-0.0305126188777778		IVA	IVA	Mean	Λ		
21	LAYING Time NA	Gyroscope	NΔ	NA	Mean	v		
90	-0.113800486377778	буговеоре	1471	1421	ricuii	_		
21	LAYING Time NA	Gyroscope	NA	NA	Mean	7.	90	
	30906517	o <sub>1</sub> = coc <sub>P</sub> c		-,		_		
21	LAYING Time NA	Gyroscope	NA	NA	SD	Х		
90	-0.97541185755556							
21	LAYING Time NA	Gyroscope	NA	NA	SD	Y		
90	-0.952147091444444							
21	LAYING Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
90	-0.981345430888889							
21	LAYING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
90	-0.949278890222222							
21	LAYING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
90	-0.949289148	_						
21	LAYING Time NA	Gyroscope	Jerk	NA	Mean	X		
90	-0.0964118375066667		T1-	377	<b>M</b> = = =	37		
21 90	LAYING Time NA -0.0346275066055556	Gyroscope	Jerk	NA	Mean	Y		
21	LAYING Time NA	Gyroscope	Jork	NT 7N	Mean	7		
90	-0.060139866355556		DELY	IVA	Mean	7		
21	LAYING Time NA	Gyroscope	Jerk	NΑ	SD	X		
90	-0.984643717333333	J/10200P0	00111					
21	LAYING Time NA	Gyroscope	Jerk	NA	SD	Y		
90	-0.98199849777778	1 1						
21	LAYING Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
90	-0.988749495666667							
21	LAYING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
90	-0.985915906888889							
21	LAYING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
90	-0.982246471555556	_						
21	<del>-</del>	Accelerome	eter	NA	NA	Mean	X	90
	1325472455556			377	377	M	37	
21 90	LAYING Time Body -0.0184233048415556	Accelerome	eter	NA	NA	Mean	Y	
21		Accelerome	otor	NA	NA	Mean	7	
90	-0.103253832233333	Acceleronic	s cer	IVA	IVA	Mean	7	
21		Accelerome	eter	NA	NA	SD	X	
90	-0.955019866222222	110001010111	CCI	1417	1417	טט	21	
21		Accelerome	eter	NA	NA	SD	Y	
90	-0.956959422222222		_	· ·				
21	LAYING Time Body	Accelerome	eter	NA	NA	SD	Z	
	_							

1	21 LAYING Times 90 -0.95259658322 21 LAYING Times 90 -0.94218643144 21 LAYING Times 0.0820150201077778 21 LAYING Times 0.0119943671007778 21 LAYING Times 90 -0.01390534385 21 LAYING Times 90 -0.98482652088 21 LAYING Times 90 -0.97158475322 21 LAYING Times 90 -0.97158475322 21 LAYING Times 90 -0.98397764422 21 LAYING Times 90 -0.98280033055 21 LAYING Times 90 -0.97855261877 21 LAYING Times 90 -0.97855261877 21 LAYING Times 90 -0.17434917482 21 LAYING Times 90 -0.17434917482 21 LAYING Times 90 -0.17434917482 21 LAYING Times 90 -0.978552678 21 LAYING Times 90 -0.98373293611 21 LAYING Times 90 -0.98373293611 21 LAYING Times 90 -0.98373293611 21 LAYING Times 90 -0.95241633244 21 LAYING Times 90 -0.95241633244 21 LAYING Times 90 -0.95241633244 21 LAYING Times 90 -0.973410473 21 LAYING Free 90 -0.973410473 21 LAYING Free 90 -0.96496800522 21 LAYING Free	777778							
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LAYING	21 LAYING Times 90 -0.94218643144 21 LAYING Times 0.0820150201077778 21 LAYING Times 0.0119943671007778 21 LAYING Times 90 -0.01390534385 21 LAYING Times 90 -0.98482652088 21 LAYING Times 90 -0.97158475322 21 LAYING Times 90 -0.98397764422 21 LAYING Times 90 -0.98280033055 21 LAYING Times 90 -0.98280033055 21 LAYING Times 90 -0.97855261877 21 LAYING Times 90 -0.17434917482 21 LAYING Times 90 -0.98251027111 21 LAYING Times 90 -0.98373293611 21 LAYING Times 90 -0.995241633244 21 LAYING Times 90 -0.952596 21 LAYING Times 90 -0.952596 21 LAYING Times 90 -0.973410473 21 LAYING Free 90 -0.96496800522	_	11000	2020110002		1149111	Loudo	man	1111
00	90		Acce	lerometer	NA	Magn	itude	SD	NA
1	0.0820150201077778 21 LAYING Time 0.0119943671007778 21 LAYING Time 90 -0.01390534385 21 LAYING Time 90 -0.98482652088 21 LAYING Time 90 -0.97158475322 21 LAYING Time 90 -0.98397764422 21 LAYING Time 90 -0.98280033055 21 LAYING Time 90 -0.98280033055 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 0.599992678 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 -0.94590527055 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.973410473 21 LAYING Free 90 -0.973410473 21 LAYING Free 90 -0.96496800522 21 LAYING Free 90 -0.96496800522 21 LAYING Free 90 -0.96496800522	_				,			
1	21 LAYING Time 0.0119943671007778 21 LAYING Time 90 -0.01390534385 21 LAYING Time 90 -0.98482652088 21 LAYING Time 90 -0.97158475322 21 LAYING Time 90 -0.98397764422 21 LAYING Time 90 -0.98280033055 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 0.599992678 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 -0.94590527055 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.973410473 21 LAYING Free 90 -0.96496800522	me Body	Acce	lerometer	Jerk	NA	Mean	X	90
1	0.0119943671007778 21 LAYING Time 90 -0.01390534385 21 LAYING Time 90 -0.98482652088 21 LAYING Time 90 -0.97158475322 21 LAYING Time 90 -0.98397764422 21 LAYING Time 90 -0.98280033055 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 -0.599992678 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 -0.94590527055 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.973410473 21 LAYING Free 90 -0.973410473 21 LAYING Free 90 -0.96496800522 21 LAYING Free 90 -0.96496800522 21 LAYING Free	_							
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00 -0.0139053438591111 21 LAYING Time Body Accelerometer Jerk NA SD X -0.984826520888889 21 LAYING Time Body Accelerometer Jerk NA SD Y -0.971584753222222 21 LAYING Time Body Accelerometer Jerk NA SD Z -0.983977644222222 21 LAYING Time Body Accelerometer Jerk Magnitude Mean NA -0.982800330555556 21 LAYING Time Body Accelerometer Jerk Magnitude SD NA -0.978552618777778 21 LAYING Time Gravity Accelerometer NA NA Mean X -0.174349174822222 21 LAYING Time Gravity Accelerometer NA NA Mean Y -0.599992678 21 LAYING Time Gravity Accelerometer NA NA Mean Y -0.0788251027111111 21 LAYING Time Gravity Accelerometer NA NA SD X -0.945905270555556 21 LAYING Time Gravity Accelerometer NA NA SD X -0.993732936111111 21 LAYING Time Gravity Accelerometer NA NA SD X -0.995241633244444 21 LAYING Time Gravity Accelerometer NA NA SD Z -0.952416332444444 21 LAYING Time Gravity Accelerometer NA Magnitude Mean NA 90 -0.952596583222222 21 LAYING Time Gravity Accelerometer NA Magnitude SD NA 90 -0.9942186431444444 21 LAYING Time Gravity Accelerometer NA Magnitude SD NA 90 -0.9942186431444444 21 LAYING Time Gravity Accelerometer NA Magnitude SD NA 90 -0.9942186431444444 21 LAYING Freq NA Gyroscope NA NA Mean X -0.9073410473 21 LAYING Freq NA Gyroscope NA NA Mean X -0.9080811216111111	90 -0.01390534385 21 LAYING Time 90 -0.98482652088 21 LAYING Time 90 -0.97158475322 21 LAYING Time 90 -0.98397764422 21 LAYING Time 90 -0.98280033055 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.97855261877 21 LAYING Time 90 -0.17434917482 21 LAYING Time 90 0.599992678 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 0.788251027111 21 LAYING Time 90 -0.94590527055 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.98373293611 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.95241633244 21 LAYING Time 90 -0.952596 21 LAYING Time 90 -0.973410473 21 LAYING Free 90 -0.973410473 21 LAYING Free 90 -0.96496800522 21 LAYING Free 90 -0.96496800522 21 LAYING Free 90 -0.96496800522	8							
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90 21	-0.9497365	Freq NA	Gyroscope	Jerk	Magni	itude	Mean	NA	
90 21	-0.9829933	Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	
90 21		Freq Body	Accelerome	eter	NA	NA	Mean	X	
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90 21	-0.984188		Accelerome	eter	Jerk	NA	Mean	Y	
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90 21	-0.981630	805333333 Freq Body	Accelerome	eter	Jerk	NA	SD	X	
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85 21	-0.976380487294118 SITTING Time NA	Gyroscope	NT 7N	NA	SD	Z		
85	-0.976972658588235	Gyroscope	IVA	IVA	עמ	<b>Z</b> i		
21	SITTING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
85	-0.964971113764706	2 1		,				
21	SITTING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
85	-0.971225061647059							
21	SITTING Time NA	Gyroscope	Jerk	NA	Mean	X		
85	-0.101114775129412		_					
21	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Y		
85	-0.0391483428502824	<b>G</b>	T1-	377	M			
21 85	SITTING Time NA -0.0526409877294118	Gyroscope	Jerk	NA	Mean	Z		
21	SITTING Time NA	Gyroscope	Jork	NT 7N	SD	X		
85	-0.989472968470588	dyloscope	DELY	IVA	שט	Λ		
21	SITTING Time NA	Gyroscope	Jerk	NA	SD	Y		
85	-0.989722663529412	Сугорооро	00111	-11-1	22	-		
21	SITTING Time NA	Gyroscope	Jerk	NA	SD	Z		
85	-0.987954515294118							
21	SITTING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
85	-0.990307349882353							
21	SITTING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
85	-0.990302232705882							
21	_	Accelerome	eter	NA	NA	Mean	X	85
	7539616823529							
21	_	Accelerome	eter	NA	NA	Mean	Y	
85 21	-0.0144009705494118 SITTING Time Body	Accelerome	o+or	NA	NT 7N	Moan	7	
85	-0.112057887741176	Accelerome	erer	NA	NA	Mean	Zı	
21		Accelerome	eter	NA	NA	SD	X	
85	-0.991777287176471	7100CICIOIII	2001	1411	1411	DD	21	
21		Accelerome	eter	NA	NA	SD	Y	
85	-0.966877560941176							
21	SITTING Time Body	Accelerome	eter	NA	NA	SD	Z	
85	-0.959567861764706							
21	_	Accelerome	eter	NA	Magn	itude	Mean	NA
85	-0.974734999411765							
21	<del>-</del>	Accelerome	eter	NA	Magn	itude	SD	NA
85	-0.971994251294118	_						
21	<del>-</del> -	Accelerome	eter	Jerk	NA	Mean	Х	85
	57109789882353	Nagolorom	n+ 0 ~	Tork	NT 7A	Moon	v	85
21	SITTING Time Body 21020139594259	Accelerome	ecel	Jerk	NA	Mean	I	00
0.012	2 1 0 2 0 1 J J J J H 2 J J							

```
Time Body Accelerometer
21
     SITTING
                                          Jerk NA
                                                     Mean Z
85
     -0.000175352166235294
                Time Body Accelerometer
21
     SITTING
                                          Jerk NA
                                                     SD
                                                          Χ
85
     -0.989439392235294
                Time Body Accelerometer
21
     SITTING
                                           Jerk NA
                                                     SD
                                                          Y
85
     -0.979002804823529
21
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
85
     -0.985823622941176
21
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
85
     -0.985947225176471
21
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
85
     -0.986520865058824
21
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean X
85
     0.940031368
21
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
85
     0.0215206708823529
21
     SITTING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
85
     -0.0567766060705882
21
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
85
     -0.992936404470588
21
                Time Gravity
     SITTING
                                Accelerometer
                                                          SD
                                                                Y
                                                NA
                                                     NA
85
     -0.979355363176471
21
                Time Gravity
                                Accelerometer
                                                          SD
                                                                \mathbf{Z}
     SITTING
                                                NA
                                                     NA
85
     -0.965426493882353
21
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     85
          -0.974734999411765
21
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     85
          -0.971994251294118
21
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
     -0.984893559764706
85
21
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
     -0.979830938
85
21
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
85
     -0.976839728941176
21
                          Gyroscope NA
                                                SD
                                                     Х
     SITTING
                Freq NA
                                          NA
85
     -0.98955931
21
                          Gyroscope NA
     SITTING
                Freq NA
                                          NA
                                                SD
                                                     Υ
85
     -0.974723217647059
21
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
85
     -0.979130678470588
21
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
                Freq NA
85
     -0.977839702352941
21
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
85
     -0.972027251294118
21
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
85
     -0.990014272588235
21
                          Gyroscope Jerk Magnitude SD
     SITTING
                Freq NA
                                                          NA
```

```
85
     -0.991062204823529
21
     SITTING
               Freq Body Accelerometer
                                                NA
                                                     Mean X
                                          NA
85
     -0.990610228
21
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
85
     -0.968060947058824
21
               Freq Body Accelerometer
     SITTING
                                          NA
                                                NA
                                                     Mean Z
85
     -0.970859342941176
21
     SITTING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
85
     -0.992375229411765
21
     SITTING
               Freq Body Accelerometer
                                                     SD
                                                           Y
                                          NA
                                                NA
85
     -0.96756129
21
     SITTING
               Freq Body Accelerometer
                                                NΑ
                                                     SD
                                                           \mathbf{z}
                                          NA
85
     -0.956412505058824
     SITTING
21
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
85
     -0.974829227058824
21
     SITTING
                Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
85
     -0.974447593176471
21
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
85
     -0.989759187058823
               Freq Body Accelerometer
21
     SITTING
                                          Jerk NA
                                                     Mean Y
85
     -0.979180438588235
21
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
85
     -0.983434322941176
21
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
     -0.990027822470588
85
21
     SITTING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Υ
85
     -0.980347168823529
21
     SITTING
               Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Z
     -0.986845672352941
85
21
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
85
     -0.985342358705882
21
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                                NA
85
     -0.986991549529412
21
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
89
     -0.0191731896359551
21
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
89
     -0.0738115865407865
21
     STANDING
               Time NA
                          Gyroscope NA
                                                Mean Z
                                                           89
                                          NA
0.0864863265393258
21
     STANDING
               Time NA
                          Gyroscope NA
                                                     Х
                                          NA
                                                SD
89
     -0.962514526067416
21
     STANDING
               Time NA
                          Gyroscope NA
                                                     Y
                                          NA
                                                SD
89
     -0.955979192696629
21
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{z}
89
     -0.959327022022472
21
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
89
     -0.949837151797753
```

21 89	STANDING -0.9456144			Gyroscope	NA	Magn	itude	SD	NA	
21	STANDING			Gyroscope	Jerk	NA	Mean	X		
89	-0.1031997									
21	STANDING			Gyroscope	Jerk	NA	Mean	Y		
89	-0.0404300	75651685	4							
21	STANDING	Time NA		Gyroscope	Jerk	NA	Mean	Z		
89	-0.0538211	174023483	1							
21	STANDING	Time NA		Gyroscope	Jerk	NA	SD	X		
89	-0.9718664	194606742								
21	STANDING			Gyroscope	Jerk	NA	SD	Y		
89	-0.9768158									
21	STANDING	Time NA		Gyroscope	Jerk	NA	SD	Z		
89	-0.9754272	259325843								
21	STANDING	Time NA		Gyroscope	Jerk	Magn	itude	Mean	NA	
89	-0.9768570	084157303								
21	STANDING	Time NA		Gyroscope	Jerk	Magn	itude	SD	NA	
89	-0.9761536	587752809								
21	STANDING	Time Bod	у.	Accelerome	eter	NA	NA	Mean	X	89
0.276	59522425842	27								
21	STANDING	Time Bod	у.	Accelerome	eter	NA	NA	Mean	Y	
89	-0.0167084	173020561	8							
21	STANDING	Time Bod	У	Accelerome	eter	NA	NA	Mean	Z	
89	-0.1104178	355808989								
21	STANDING	Time Bod	У	Accelerome	eter	NA	NA	SD	X	
89	-0.9814199	961123596								
21	STANDING	Time Bod	У	Accelerome	eter	NA	NA	SD	Y	
89	-0.9436016	525393258								
21	STANDING	Time Bod	У	Accelerome	eter	NA	NA	SD	Z	
89	-0.9461234	107078652								
21	STANDING	Time Bod	у.	Accelerome	eter	NA	Magn	itude	Mean	NA
89	-0.9587742	298089888								
21	STANDING	Time Bod	у.	Accelerome	eter	NA	Magn:	itude	SD	NA
89	-0.9569198	398202247								
21	STANDING	Time Bod	У	Accelerome	eter	Jerk	NA	Mean	X	89
0.075	54543858764	1045								
21	STANDING	Time Bod	у	Accelerome	eter	Jerk	NA	Mean	Y	89
0.010	00621171270		_							
21	STANDING	Time Bod	у	Accelerome	eter	Jerk	NA	Mean	Z	
89	-0.0033209		_							
21	STANDING	Time Bod	У	Accelerome	eter	Jerk	NA	SD	X	
89	-0.9770633		_							
21	STANDING	Time Bod	У	Accelerome	eter	Jerk	NA	SD	Y	
89	-0.9639214		_							
21	STANDING			Accelerome	eter	Jerk	NA	SD	Z	
89	-0.9779156		_							
21	STANDING			Accelerome	eter	Jerk	Magn	itude	Mean	NA
			_				_			

```
89
     -0.974765161910112
21
     STANDING
               Time Body Accelerometer Jerk Magnitude SD
                                                              NΑ
89
     -0.97160651494382
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean X
89
     0.881213341910112
               Time Gravity
21
     STANDING
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Y
89
     -0.346155558876404
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Z
89
     -0.207685689775281
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Х
89
     -0.982906668876405
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Y
89
     -0.977681415955056
     STANDING
21
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         SD
                                                              Z
89
     -0.958590002247191
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
          -0.958774298089888
NA
21
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
NA
          -0.956919898202247
21
     STANDING
              Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
89
     -0.956989964269663
21
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Y
89
     -0.960082591123596
     STANDING Freq NA
21
                          Gyroscope NA
                                          NA
                                               Mean Z
     -0.959432562359551
89
21
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Χ
89
     -0.964530315842697
21
     STANDING
               Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Y
89
     -0.954080913707865
21
     STANDING Freq NA
                                                    \mathbf{z}
                          Gyroscope NA
                                          NA
                                               SD
89
     -0.963124572134831
21
                                         Magnitude Mean NA
     STANDING Freq NA
                          Gyroscope NA
89
     -0.956723022359551
     STANDING Freq NA
                          Gyroscope NA
21
                                         Magnitude SD
                                                         NA
89
     -0.947763172921348
21
                          Gyroscope Jerk Magnitude Mean NA
     STANDING Freq NA
89
     -0.976126760674157
21
     STANDING
              Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
89
     -0.977706619550562
                                                    Mean X
21
               Freq Body Accelerometer
                                               NA
     STANDING
                                         NA
89
     -0.978327686179775
21
     STANDING
              Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                          NA
89
     -0.949694904269663
     STANDING Freq Body Accelerometer
21
                                          NA
                                               NA
                                                    Mean Z
89
     -0.960274142134831
21
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Х
                                         NA
                                               NA
     -0.982892836629213
89
```

21 89	STANDING Fre -0.9435451575		Accelerome	eter	NA	NA	SD	Y	
21	STANDING Fre	q Body	Accelerome	eter	NA	NA	SD	Z	
89 21	-0.9424589083 STANDING Fre	q Body	Accelerome	eter	NA	Magn	itude	Mean	NA
89 21	-0.9622913341 STANDING Fre	q Body	Accelerome	eter	NA	Magn	Ltude	SD	NA
89 21	-0.9600418443 STANDING Fre	q Body	Accelerome	eter	Jerk	NA	Mean	X	
89 21	-0.9768030106 STANDING Fre	q Body	Accelerome	eter	Jerk	NA	Mean	Y	
89 21	-0.9645030155 STANDING Fre	q Body	Accelerome	eter	Jerk	NA	Mean	Z	
89 21	-0.9747806453 STANDING Fre	q Body	Accelerome	eter	Jerk	NA	SD	X	
89 21	-0.9795304853 STANDING Fre	q Body	Accelerome	eter	Jerk	NA	SD	Y	
89 21	-0.9660240759 STANDING Fre		Accelerome	eter	Jerk	NA	SD	Z	
89 21	-0.9797233396 STANDING Fre		Accelerome	eter	Jerk	Magn	itude	Mean	NA
89 21	-0.9706342964 STANDING Fre		Accelerome	eter	Jerk	Magn	itude	SD	NA
89 21	-0.9719261174 WALKING Tim		Gyroscope	NA	NA	Mean	X		
52 21	-0.0459323393 WALKING Tim	842308 ne NA	Gyroscope	NA	NA	Mean	Y		
52 21	-0.0590294439 WALKING Tim	942308 ne NA	Gyroscope	NA	NA	Mean	Z	52	
0.09	83715930038462		-						
21 52	WALKING Tim -0.4322328838	e NA 46154	Gyroscope	NA	NA	SD	X		
21 52	WALKING Tim -0.3978923167		Gyroscope	NA	NA	SD	Y		
21 52		ne NA	Gyroscope	NA	NA	SD	Z		
21 52		ne NA	Gyroscope	NA	Magn	itude	Mean	NA	
21 52		ne NA	Gyroscope	NA	Magn	itude	SD	NA	
21 52		ne NA	Gyroscope	Jerk	NA	Mean	X		
21	WALKING Tim	ne NA	Gyroscope	Jerk	NA	Mean	Y		
52 21		ne NA	Gyroscope	Jerk	NA	Mean	Z		
52 21	-0.0621192104 WALKING Tim	076923 ne NA	Gyroscope	Jerk	NA	SD	X		

E 2	0 2200021120461	E							
52 21	-0.23890831138463 WALKING Time NA		aaana	Tork	NT 7A	SD	Y		
52	-0.48285430980769	-	scope	Derk	NA	עמ	1		
21	WALKING Time NA		scope	Tork	NT 7A	SD	Z		
52	-0.49492765711538	_	scope	OGIK	IVA	שט	7		
21	WALKING Time NA		scope	Tork	Magn	i + 11do	Moan	NT 7N	
52	-0.426930725	r GAIO	scope	DELK	Magii	Ltude	Mean	IVA	
21	WALKING Time NA	Curo	scope	Tork	Magn	+11do	GD.	NA	
52	-0.45036998884615		scope	OGIK	Magii.	Lcude	שט	IVA	
21		ody Acce	loromo	tor	NA	NA	Mean	v	52
	9183526730769	dy Acce	Terome	CEI	IVA	IVA	Mean	Λ	32
21	WALKING Time Bo	ndv Acce	laroma	tar	NA	NA	Mean	v	
52	-0.01816103175269	-	TELOME	CCI	IVZ	IVA	nean	1	
21		dy Acce	lerome	ter	NA	NA	Mean	7.	
52	-0.10431933240384	-	TELOME	CCI	IVZ	IVA	riedii	7	
21		dy Acce	lerome	ter	NA	NA	SD	X	
52	-0.29781484353846	_	TCTOMC	CCI	1121	1421	DD	21	
21		ody Acce	lerome	ter	NA	NA	SD	Y	52
	40880509209615	ay nooc	10101110		1111	1111	OD.	-	32
21		dy Acce	lerome	ter	NA	NA	SD	Z	
52	-0.16868872575							_	
21		dy Acce	lerome	ter	NA	Magn	itude	Mean	NA
52	-0.12345566151923	_				9			
21		dy Acce	lerome	ter	NA	Magn	itude	SD	NA
52	-0.29970975217307								
21		dy Acce	lerome	ter	Jerk	NA	Mean	Х	52
	82251820211538	1							
21		dy Acce	lerome	ter	Jerk	NA	Mean	Y	52
	235197553846154	1							
21		dy Acce	lerome	ter	Jerk	NA	Mean	Z	
52	-0.01018134213076	-							
21	WALKING Time Bo	dy Acce	lerome	ter	Jerk	NA	SD	X	
52	-0.11488887383769								
21	WALKING Time Bo	dy Acce	lerome	ter	Jerk	NA	SD	Y	
52	-0.03471438557294								
21	WALKING Time Bo	dy Acce	lerome	ter	Jerk	NA	SD	Z	
52	-0.42514260480769	2							
21	WALKING Time Bo	dy Acce	lerome	ter	Jerk	Magn	itude	Mean	NA
52	-0.14813899152307	7							
21	WALKING Time Bo	dy Acce	lerome	ter	Jerk	Magn	itude	SD	NA
52	-0.08384879689423	308							
21	WALKING Time G	ravity	Accel	erome	eter	NA	NA	Mean	X
52	0.862524800961538	}							
21	WALKING Time G	avity	Accel	erome	eter	NA	NA	Mean	Y
52	-0.37098454942307	77							
21	WALKING Time Gr	avity	Accel	erome	eter	NA	NA	Mean	$\mathbf{Z}$
52	-0.22094796019230	8							

21	WALKING		ity	Acce	lerome	eter	NA	NA	SD	X
52 21	-0.969576		: <b>.</b>	7.000	loroma	2+ 0×	NT 70	NT 70	CD	V
52	-0.964144	Time Grav	тту	Acce.	lerome	eter	NA	NA	SD	Y
21	WALKING	Time Grav	itv	Acce	lerome	eter	NA	NA	SD	Z
52	-0.974939		1							_
21	WALKING		ity	Acce	lerome	eter	NA	Magn	itude	Mean
NA	52 -0.1	2345566151	9231							
21	WALKING	Time Grav	-	Acce	lerome	eter	NA	Magn	itude	SD
NA		9970975217								
21	WALKING	Freq NA	Gyro	scope	NA	NA	Mean	Х		
52 21	-0.246657		Curo	scope	NT 7N	NA	Mean	v		
52	-0.371744	-	Gyro	scope	IVA	IVA	Mean	1		
21	WALKING	Freq NA	Gyro	scope	NA	NA	Mean	7.		
52	-0.283262	-	-1					_		
21	WALKING	Freq NA	Gyro	scope	NA	NA	SD	X		
52	-0.491859	244230769	_	_						
21	WALKING	Freq NA	Gyro	scope	NA	NA	SD	Y		
52	-0.419400									
21	WALKING	-	Gyro	scope	NA	NA	SD	Z		
52	-0.385505		<b>G</b>		373	36		36	377	
21 52	WALKING -0.409516	Freq NA	Gyro	scope	NA	Magn	itude	mean	NA	
21	WALKING		Gyro	scope	NΑ	Magn:	itude	SD	NA	
52	-0.512249	-	Cyro	воорс	1411	1149111	Leade	DD.	1411	
21	WALKING		Gyro	scope	Jerk	Magn	itude	Mean	NA	
52	-0.499597	2025	_	_		_				
21	WALKING	Freq NA	Gyro	scope	Jerk	Magn	itude	SD	NA	
52	-0.429323									
21	WALKING		Acce	lerome	eter	NA	NA	Mean	X	
52	-0.273496		7	1		377	377	M	37	F.2
21	WALKING 3846581371	Freq Body	Acce.	rerome	eter	NA	NA	Mean	Y	52
21	WALKING		Acce	lerome	ater	NA	NA	Mean	7.	
52	-0.300309		11000	TCT OIIIC	2001	1421	1421	ncun	_	
21	WALKING	Freq Body	Acce	lerome	eter	NA	NA	SD	Х	
52	-0.308547									
21	WALKING	Freq Body	Acce	lerome	eter	NA	NA	SD	Y	
52	-0.002562	9424519230								
21	WALKING	Freq Body	Acce	lerome	eter	NA	NA	SD	$\mathbf{Z}$	
52	-0.164961		_	-						
21	WALKING	Freq Body	Acce.	rerome	eter	NA	мagn	ıtude	Mean	NA
52 21	-0.251266 WALKING		Acce	laromo	ator	NA	Magn	itude	מפ	NA
52	-0.438149		ACCE	TCTOILE	CCT	IVA	rayıı.	Luue	עט	HU
21	WALKING	Freq Body	Acce	lerome	eter	Jerk	NA	Mean	X	
		<u> </u>								

```
52
     -0.200442011365385
21
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
     WALKING
52
     -0.112564739084615
21
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
52
     -0.405700157884615
21
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
52
     -0.107412802661538
21
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
52
     -0.0148415165923077
21
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
52
     -0.443563412692308
21
                Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
52
     -0.144009889665385
21
     WALKING
                Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
52
     -0.0186734409634615
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
45
     -0.126388023595556
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
45
     0.0162145300888889
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
45
     0.148610020955556
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
45
     -0.442148617666667
                          Time NA
21
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
45
     -0.353733478222222
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
45
     -0.349759493777778
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
          -0.184850019535556
NA
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
NA
          -0.388420328666667
     45
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
45
     -0.0726461849022222
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
45
     -0.07359521674
21
                                                          Mean Z
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
45
     -0.0788436473888889
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Х
45
     -0.549648320222222
                          Time NA
21
                                     Gyroscope Jerk NA
                                                                Y
     WALKING DOWNSTAIRS
                                                          SD
45
     -0.442426840888889
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Z
45
     -0.428337693333333
21
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
NA
     45
          -0.452828682444444
21
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Time NA
          -0.509130858444444
NA
     45
```

21	WALKING_DOWNSTAIRS	Time	Body	Accel	Lerometer	NA	NA	Mean
X	45 0.3014610196	m :	D1	<b>3</b> 7			373	Manage
21 Y	WALKING_DOWNSTAIRS 45 -0.017319539015		воау	Accel	Lerometer	NA	NA	Mean
21	WALKING_DOWNSTAIRS		Body	Accel	Lerometer	NA	NA	Mean
Z	45 -0.09816866218	m :	D1	<b>3</b> 7		373	373	GD.
21 X	WALKING_DOWNSTAIRS 45 0.2243434922444		воау	Accel	Lerometer	NA	NA	SD
21	WALKING_DOWNSTAIRS		Body	Accel	Lerometer	NA	NA	SD
Y	45 0.3013363997113		<b>-</b> 1					an.
21 Z	WALKING_DOWNSTAIRS 45 -0.071789355866		воау	Accel	Lerometer	NA	NA	SD
21	WALKING_DOWNSTAIRS		Body	Accel	Lerometer	NA	Magn	itude
Mean								
21 SD	WALKING_DOWNSTAIRS NA 45 0.26434190		_	Accel	Lerometer	NA	Magn	Ltude
21	WALKING DOWNSTAIRS			Accel	Lerometer	Jerk	NA	Mean
X	45 0.0901452883333		_					
21 Y	WALKING_DOWNSTAIRS 45 -0.021399849244		Body	Accel	Lerometer	Jerk	NA	Mean
21	WALKING DOWNSTAIRS		Body	Accel	Lerometer	Jerk	NA	Mean
Z	45 -0.012555108553	33333	_					
21 X	WALKING_DOWNSTAIRS 45 0.0021465571913		Body	Accel	Lerometer	Jerk	NA	SD
х 21	WALKING DOWNSTAIRS		Bodv	Accel	Lerometer	Jerk	NA	SD
Y	45 -0.079600975762		1					
21	WALKING_DOWNSTAIRS		Body	Accel	Lerometer	Jerk	NA	SD
Z 21	45 -0.246061882112 WALKING DOWNSTAIRS		Body	Accel	erometer	Jerk	Magni	i tude
Mean	<u>—</u>		_	710001		OCIN	nagn.	cude
21	WALKING_DOWNSTAIRS		_	Accel	Lerometer	Jerk	Magn	itude
SD 21	NA 45 0.09523394 WALKING_DOWNSTAIRS			i + 17	Accelerome	tor	NT 7A	NΛ
21 Mean	<del></del>			LLY	Accelerome	scer	NA	NA
21	WALKING_DOWNSTAIRS			ity	Accelerome	eter	NA	NA
Mean								
21 Mean	WALKING_DOWNSTAIRS Z 45 -0.1878702			Lty	Accelerome	eter	NA	NA
21	WALKING DOWNSTAIRS			ity	Accelerome	eter	NA	NA
SD	X 45 -0.9401948			_				
21 SD	WALKING_DOWNSTAIRS Y 45 -0.9401118			ity	Accelerome	eter	NA	NA
21	WALKING DOWNSTAIRS			ity	Accelerome	eter	NA	NA
SD	z 45 -0.9163245	556888	3889	-				
21	WALKING_DOWNSTAIRS					eter	NA	
Magn: 21	itude Mean NA 45 WALKING DOWNSTAIRS			990044 i t.v		eter	NA	
		IIIC	SIGVI	1	11000TCT OHIC		1111	

Magnitude SD NA 45	0.2643419	03711111		
21 WALKING_DOWNSTAIR		Gyroscope NA	NA Me	an X
45 <b>-0.</b> 36674875288888	9			
21 WALKING_DOWNSTAIR	S Freq NA	Gyroscope NA	NA Me	an Y
45 -0.30887986628888				
21 WALKING_DOWNSTAIR	_	Gyroscope NA	NA Me	an Z
45 -0.23822168266666				
21 WALKING_DOWNSTAIR	-	Gyroscope NA	NA SD	X
45 -0.46979014411111 21 WALKING DOWNSTAIR		Curoggono NA	MA CD	V
21 WALKING_DOWNSTAIR 45 -0.38841874666666	_	Gyroscope NA	NA SD	Y
21 WALKING DOWNSTAIR		Gyroscope NA	NA SD	Z
45 -0.45077213911111	_	dyroscope MA	NA DD	L
21 WALKING DOWNSTAIR		Gyroscope NA	Magnitu	de Mean
NA 45 -0.406392284	_	1 1	,	
21 WALKING DOWNSTAIR	S Freq NA	Gyroscope NA	Magnitu	de SD
NA 45 -0.484489974	222222		_	
21 WALKING_DOWNSTAIR	S Freq NA	Gyroscope Jerk	Magnitu	de Mean
NA 45 -0.490804948	44444			
21 WALKING_DOWNSTAIR	_	Gyroscope Jerk	Magnitu	de SD
NA 45 -0.571666834				
21 WALKING_DOWNSTAIR		Accelerometer	NA NA	Mean
X 45 0.1043235299				
21 WALKING_DOWNSTAIR		Accelerometer	NA NA	Mean
Y 45 0.1811380425		, Aggoloromotor	NTN NTN	Moon
21 WALKING_DOWNSTAIR Z 45 -0.076971306		Accelerometer	NA NA	Mean
21 WALKING DOWNSTAIR		Accelerometer	NA NA	. SD
X 45 0.2669877507		Acceletometer	וות וות	. 50
21 WALKING DOWNSTAIR		Accelerometer	NA NA	SD
Y 45 0.2778943230		1100010101101110101	1121 1121	
21 WALKING DOWNSTAIR		Accelerometer	NA NA	SD
z 45 -0.145081705				
21 WALKING_DOWNSTAIR		Accelerometer	NA Ma	gnitude
Mean NA 45 0.23989	5893822222			
21 WALKING_DOWNSTAIR	S Freq Body	Accelerometer	NA Ma	gnitude
SD NA 45 0.07912	71386644444			
21 WALKING_DOWNSTAIR		Accelerometer	Jerk NA	Mean
X 45 -0.037789471				
21 WALKING_DOWNSTAIR		Accelerometer	Jerk NA	Mean
Y 45 -0.107306347			- 1	
21 WALKING_DOWNSTAIR		Accelerometer	Jerk NA	Mean
Z 45 -0.196838264		, lagolomomata	Towle NIA	CD
21 WALKING_DOWNSTAIR X 45 -0.046386789		Accelerometer	Jerk NA	. SD
21 WALKING DOWNSTAIR		Accelerometer	Jerk NA	SD
Y 45 -0.113161860		Veceteromerer	OCIV NW	. 50
1 45 -0.115101000				

21 Z	WALKING_DOWNSTAIRS Freq 45 -0.293237567085333	Body	Accelerometer	Jerk	NA	SD
21	WALKING_DOWNSTAIRS Freq	_	Accelerometer	Jerk	Magn	itude
Mean 21	WALKING_DOWNSTAIRS Freq		Accelerometer	Jerk	Magni	itude
SD 21	NA 45 0.06320531452 WALKING_UPSTAIRS Time	NA	Gyroscope NA	NA	Mean	X
47 21	0.062608688893617 WALKING UPSTAIRS Time	NA	Gyroscope NA	NA	Mean	Y
47 21	-0.155622431382979 WALKING UPSTAIRS Time	NA	Gyroscope NA	NA	Mean	Z
47 21	-0.00546829763829787 WALKING UPSTAIRS Time		Gyroscope NA		SD	X
47	-0.53190941893617					
21 47	WALKING_UPSTAIRS Time -0.463136841489362		Gyroscope NA		SD	Y
21 47	WALKING_UPSTAIRS Time 0.0517155421740426	NA	Gyroscope NA	NA	SD	Z
21 NA	WALKING_UPSTAIRS Time 47 -0.168982721146809	NA	Gyroscope NA	Magni	tude	Mean
21 NA	WALKING_UPSTAIRS Time 47 -0.420236002514894	NA	Gyroscope NA	Magni	tude	SD
21 47	WALKING_UPSTAIRS Time -0.144351492595745	NA	Gyroscope Jerk	NA	Mean	X
21	WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	Mean	Y
47 21	-0.0132022768074468 WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	Mean	Z
47 21	-0.00694066389361702 WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	SD	X
47 21	-0.573541839148936 WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	SD	Y
47 21	-0.604469603617021 WALKING_UPSTAIRS Time	NA	Gyroscope Jerk	NA	SD	Z
47 21	-0.564149244893617 WALKING UPSTAIRS Time		Gyroscope Jerk			
NA 21	47 -0.577935642978723 WALKING UPSTAIRS Time		Gyroscope Jerk	_		
NA	47 -0.647723419148936			,		
21 X	47 0.265194544680851	_	Accelerometer		NA	Mean
21 Y	WALKING_UPSTAIRS Time 47 -0.0237218695148936	Body	Accelerometer	NA	NA	Mean
21 Z	WALKING_UPSTAIRS Time 47 -0.125414265340426	Body	Accelerometer	NA	NA	Mean
21 X		Body	Accelerometer	NA	NA	SD
21		Body	Accelerometer	NA	NA	SD

```
Y
     47
          0.109787469104255
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                          NA
                                                               SD
                                                     NA
Z
     47
          -0.219707928574468
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
                -0.0810453188106383
Mean NA
          47
                          Time Body Accelerometer
21
     WALKING UPSTAIRS
                                                     NA
                                                          Magnitude
SD
               -0.278474283829787
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          0.104034223065957
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
     47
          -0.0156290073042553
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
\mathbf{Z}
     47
          -0.0360115472978723
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
          -0.424052014680851
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.203209665702128
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.562052350212766
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
                -0.355047693617021
Mean NA
          47
21
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.404183875893617
     NA
          47
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean X
          47
                0.781177210851064
     WALKING UPSTAIRS
21
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
          47
               -0.432309617446809
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          47
                -0.309735038510638
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          47
                -0.940911635531915
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          47
                -0.941523624255319
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.932716253829787
          47
21
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
                          -0.0810453188106383
Magnitude Mean NA
                     47
21
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
Magnitude SD
               NA
                     47
                          -0.278474283829787
21
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
     -0.446974007021277
47
21
                                     Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          Mean Y
47
     -0.446691581702128
                                     Gyroscope NA
21
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          Mean Z
47
     -0.155762354829787
21
     WALKING UPSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     NA
                                                          SD
                                                               Х
     -0.560968048723404
47
```

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21
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                    NA
                                                          SD
                                                               Y
47
     -0.478299637021277
                          Freq NA
                                     Gyroscope NA
21
     WALKING UPSTAIRS
                                                    NA
                                                          SD
                                                               7.
47
     0.0130916351042553
                                                    Magnitude Mean
21
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
NA
          -0.475369886808511
21
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                    Magnitude SD
                          Freq NA
NA
     47
          -0.483407096425532
21
                                    Gyroscope Jerk Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.628915748723404
21
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
     WALKING UPSTAIRS
NA
          -0.700980410425532
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Х
     47
          -0.319169340234043
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
Y
          0.0221598658106383
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
     47
          -0.321712974042553
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Χ
     47
          -0.213184048
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
Y
          0.0823434279595745
21
                          Freq Body Accelerometer
                                                               SD
     WALKING UPSTAIRS
                                                    NA
                                                          NA
Z
     47
          -0.22716417293617
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         Magnitude
Mean NA
          47
               -0.257894449148936
21
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                    NA
                                                          Magnitude
SD
     NA
          47
               -0.403357611702128
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Χ
     47
          -0.436839580425532
21
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               Mean
Y
          -0.205067301297872
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
     47
          -0.519815170851064
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.462972848723404
     47
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.261261053404255
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.603127367234043
     47
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
          47
               -0.355443706553191
Mean NA
21
     WALKING UPSTAIRS
                          Freq Body Accelerometer Jerk Magnitude
SD
     NA
          47
               -0.47772185
22
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
72
     -0.0208311371125
22
               Time NA
                          Gyroscope NA
     LAYING
                                          NA
                                               Mean Y
```

72	-0.09257231175								
22		e NA	Gyroscope	NA	NA	Mean	Z	72	
	5003879319444								
22		e NA	Gyroscope	NA	NA	SD	X		
72	-0.95664190583	33333							
22	LAYING Time	e NA	Gyroscope	NA	NA	SD	Y		
72	-0.9618849625								
22	LAYING Time	e NA	Gyroscope	NA	NA	SD	Z		
72	-0.93325187069	94444							
22	LAYING Time	e NA	Gyroscope	NA	Magni	itude	Mean	NA	
72	-0.92661637333	33333							
22	LAYING Time	e NA	Gyroscope	NA	Magni	itude	SD	NA	
72	-0.92391156597	72222			_				
22	LAYING Time	e NA	Gyroscope	Jerk	NA	Mean	X		
72	-0.10020393472	22222	1 1						
22		NA	Gyroscope	Jerk	NA	Mean	Y		
72	-0.03760873056								
22		e NA	Gyroscope	Jerk	NA	Mean	Z		
72	-0.07027235681		1 1						
22		e NA	Gyroscope	Jerk	NA	SD	Х		
72	-0.97209260291		1 1						
22		e NA	Gyroscope	Jerk	NA	SD	Y		
72	-0.98048417138		-1				_		
22		NA	Gyroscope	Jerk	NA	SD	Z		
72	-0.97863630180		суговоорс	OCIN	2122	DD.	-		
22		NA	Gyroscope	Jerk	Magni	i tude	Mean	NΑ	
72	-0.98171693638		суговоорс	OCIN	iiagiii	Loude	ncan	1111	
22		NA	Gyroscope	Jerk	Magni	i + 11de	SD	NA	
72	-0.97420169097		сутовсорс	OCIN	nagni	Lcuuc	DD	1111	
22			Accelerome	ater	NA	NA	Mean	x	72
	9959721194444	. Dody	7100010110	CCI	1421	1121	iicaii	21	, 2
22		Body	Accelerome	ater	NA	NA	Mean	v	
72	-0.01426298645	_	ACCCICIONO	CCI	1421	1421	ricuii	1	
22			Accelerome	eter	NA	NA	Mean	7.	
72	-0.11080092465		TOCCIETOING	CCI	TAT.7	747.7	ricuii	ப	
22			Accelerome	eter	NA	NA	SD	Х	
72	-0.94773525194	_	TOCCIETOING	CCI	TAT.7	747.7	שט	21	
72 22			Accelerome	ater	NA	NA	SD	Y	
72	-0.91327630166	_	ACCETETOING	CET	W	MA	עט	1	
72 22			Accelerome	a+or	NA	NA	SD	Z	
22 72	-0.94294580791		VCCETETOIII	- CET	IAUZ	IALZ	עט	ப	
72 22			Accelerome	ater	NA	Magn	i + 11d0	Mean	NΤΛ
22 72	LAYING Time -0.93499379930	_	VCCETETOIII	FCET	INT	rayıı.	Luue	Mean	MH
1 4			Nagolovom	2+05	NT 7N	Marr	+1146	CD	NT 74
2.2	LAYING Time	_	Accelerome	erer	NA	mayn:	itude	מפ	NA
	0 0004077611	2770							
22 72 22	-0.90940776115 LAYING Time		Accelerome	a+ a	Jerk	<b>3.T.7</b> 3	Mean	v	72

```
Time Body Accelerometer
                                                      Mean Y
                                                                72
22
     LAYING
                                           Jerk NA
0.00459834754236111
                Time Body Accelerometer
2.2
                                           Jerk NA
                                                      Mean 7
     LAYING
72
     -0.00467438744166667
                Time Body Accelerometer
22
     LAYING
                                           Jerk NA
                                                      SD
                                                           Х
72
     -0.970355191527778
22
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Y
     LAYING
72
     -0.955151526805556
                                           Jerk NA
22
                Time Body Accelerometer
                                                      SD
                                                           \mathbf{Z}
     LAYING
72
     -0.974527011944444
22
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
     LAYING
72
     -0.971169779305556
22
     LAYING
                Time Body Accelerometer
                                           Jerk Magnitude SD
                                                                NA
72
     -0.959849821805556
22
     LAYING
                Time Gravity
                                Accelerometer
                                                      NA
                                                           Mean X
                                                NA
72
     -0.418494577083333
22
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           Mean Y
72
     0.632484075694444
22
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           Mean Z
72
     0.771903907083333
22
     LAYING
                                Accelerometer
                                                           SD
                                                                Х
                Time Gravity
                                                NA
                                                      NA
72
     -0.928781249027778
22
                Time Gravity
                                Accelerometer
                                                                Y
     LAYING
                                                NA
                                                      NA
                                                           SD
72
     -0.958826938556944
22
                                                                Z
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      NA
                                                           SD
72
     -0.952435389166667
22
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                      Magnitude Mean
NA
     72
          -0.934993799305556
                                                      Magnitude SD
22
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
          -0.909407761152778
NA
     72
22
                                                Mean X
     LAYING
                Freq NA
                           Gyroscope NA
                                           NA
72
     -0.95336692
22
     LAYING
                           Gyroscope NA
                                           NA
                                                Mean Y
                Freq NA
72
     -0.964698258611111
22
                           Gyroscope NA
                                                Mean Z
     LAYING
                Freq NA
                                           NA
72
     -0.942570240416667
22
     LAYING
                Freq NA
                           Gyroscope NA
                                           NA
                                                SD
                                                      Х
72
     -0.958030986944444
22
     LAYING
                           Gyroscope NA
                                           NA
                                                SD
                                                      Y
                Freq NA
72
     -0.960711254583333
22
                                                SD
                                                      \mathbf{Z}
     LAYING
                Freq NA
                           Gyroscope NA
                                           NA
72
     -0.936965638611111
22
     LAYING
                Freq NA
                           Gyroscope NA
                                           Magnitude Mean NA
72
     -0.946055840972222
22
     LAYING
                Freq NA
                           Gyroscope NA
                                           Magnitude SD
                                                           NA
72
     -0.923552358194444
22
     LAYING
                           Gyroscope Jerk Magnitude Mean NA
                Freq NA
```

```
72
     -0.976638980972222
22
     LAYING
                          Gyroscope Jerk Magnitude SD
               Freq NA
                                                          NA
72
     -0.972789020833333
22
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
72
     -0.953758542777778
22
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
72
     -0.925524703472222
22
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
72
     -0.954219235555556
22
     LAYING
               Freq Body Accelerometer
                                                     SD
                                                           Х
                                          NA
                                                NA
72
     -0.945656808055556
22
     LAYING
               Freq Body Accelerometer
                                                     SD
                                          NA
                                                NA
                                                           Y
72
     -0.912562856666667
22
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                           Z
72
     -0.941163951388889
22
     LAYING
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
72
     -0.929818990972222
22
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
72
     -0.913267251263889
               Freq Body Accelerometer
22
     LAYING
                                          Jerk NA
                                                     Mean X
72
     -0.969570326944444
22
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
72
     -0.954833264305556
               Freq Body Accelerometer
22
     LAYING
                                          Jerk NA
                                                     Mean Z
72
     -0.970918941666667
22
     LAYING
                Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Х
72
     -0.974126068055556
22
     LAYING
                Freq Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Y
     -0.9589609575
72
22
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                           \mathbf{Z}
72
     -0.976833164027778
22
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
72
     -0.962654791527778
               Freq Body Accelerometer
22
     LAYING
                                          Jerk Magnitude SD
                                                                NA
72
     -0.95563561444444
22
     SITTING
                Time NA
                                                Mean X
                          Gyroscope NA
                                          NA
62
     -0.0360430675032258
22
     SITTING
                Time NA
                          Gyroscope NA
                                                Mean Y
                                          NA
     -0.0793617444354839
62
2.2
     SITTING
               Time NA
                          Gyroscope NA
                                                Mean Z
                                                           62
                                          NA
0.0804426775241936
22
     SITTING
                Time NA
                          Gyroscope NA
                                                     Х
                                          NA
                                                SD
     -0.981099172419355
62
22
     SITTING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
62
     -0.950173478548387
22
     SITTING
                                                     Z
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
62
     -0.946501417741936
```

```
22
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
62
     -0.942077432741935
22
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
62
     -0.933268487096774
22
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
62
     -0.0986493161935484
22
     SITTING
                          Gyroscope Jerk NA
               Time NA
                                               Mean Y
62
     -0.0423409822741935
22
                          Gyroscope Jerk NA
     SITTING
               Time NA
                                               Mean Z
62
     -0.0517193986693548
22
                          Gyroscope Jerk NA
                                                    Х
     SITTING
               Time NA
                                               SD
     -0.985671250322581
62
22
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Y
62
     -0.980275619354839
22
                          Gyroscope Jerk NA
                                                     Z
     SITTING
               Time NA
                                               SD
62
     -0.97954410516129
22
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
     -0.98547603483871
62
22
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
62
     -0.976503766290323
22
                                                               62
     SITTING
               Time Body Accelerometer
                                               NA
                                                    Mean X
                                          NA
0.273583822709677
22
               Time Body Accelerometer
                                                    Mean Y
     SITTING
                                          NA
                                               NA
62
     -0.0123468446419355
22
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
62
     -0.105827369516129
22
               Time Body Accelerometer
     SITTING
                                          NA
                                               NA
                                                     SD
                                                          Х
62
     -0.978466823709677
22
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
62
     -0.928059133795645
                                                          Z
22
               Time Body Accelerometer
                                                     SD
     SITTING
                                          NA
                                               NA
62
     -0.917564853870968
22
               Time Body Accelerometer
                                               Magnitude Mean NA
     SITTING
                                          NA
62
     -0.942167353870968
22
     SITTING
               Time Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
62
     -0.924336184035484
               Time Body Accelerometer
22
     SITTING
                                          Jerk NA
                                                    Mean X
                                                               62
0.0807687311935484
22
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                    Mean Y
62
     -0.000842715149193548
22
               Time Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean Z
62
     -0.0126852481958065
               Time Body Accelerometer
22
     SITTING
                                          Jerk NA
                                                     SD
                                                          Х
62
     -0.981664149193548
22
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
62
     -0.964782832419355
22
               Time Body Accelerometer
                                                     SD
                                                          Z
     SITTING
                                          Jerk NA
```

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62
     -0.978928356290323
22
     SITTING
```

- Time Body Accelerometer Jerk Magnitude Mean NA
- 62 -0.979303714032258
- 22 SITTING Time Body Accelerometer Jerk Magnitude SD NA
- 62 -0.968576776774194
- 22 SITTING Time Gravity Accelerometer NA NA Mean X
- 62 0.839305928709677
- 22 SITTING Time Gravity Accelerometer NA NA Mean Y
- 62 0.208553884
- 22 SITTING Time Gravity Accelerometer NA Mean Z NA
- 62 0.315551492322581
- 22 SITTING Time Gravity Accelerometer SD Х NA NA
- 62 -0.972009988709677
- 22 SITTING Time Gravity Accelerometer NA NA SD Y
- -0.954225015274194 62
- 22 SITTING Time Gravity Accelerometer NA NA SD  $\mathbf{Z}$
- 62 -0.927950649854839
- 22 SITTING Time Gravity Accelerometer NA Magnitude Mean
- NA 62 -0.942167353870968
- 22 SITTING Time Gravity Accelerometer NA Magnitude SD
- NA 62 -0.924336184035484
- 22 SITTING Freq NA Gyroscope NA NA Mean X
- 62 -0.977266731129032
- 22 SITTING Freq NA Gyroscope NA NA Mean Y
- 62 -0.959161754193548
- 22 SITTING Freq NA Gyroscope NA NA Mean Z
- 62 -0.948367052258065
- Gyroscope NA 22 SITTING Freq NA NA SD Х
- -0.982373346290323 62
- 22 SITTING Freq NA Gyroscope NA NA SD Y
- 62 -0.946107943548387
- 22 SITTING Freq NA Gyroscope NA NA SD Z
- 62 -0.951045695483871
- 22 SITTING Freq NA Gyroscope NA Magnitude Mean NA
- 62 -0.951952767258065
- 22 SITTING Freq NA Gyroscope NA Magnitude SD NA
- 62 -0.93356300983871
- 22 SITTING Gyroscope Jerk Magnitude Mean NA Freq NA
- 62 -0.977775448387097
- 22 Gyroscope Jerk Magnitude SD SITTING Freq NA NA
- 62 -0.976318114516129
- 22 SITTING Freq Body Accelerometer NA Mean X NA
- 62 -0.978505368225806
- 22 SITTING Freq Body Accelerometer Mean Y NA NA
- 62 -0.939546007903226
- 22 SITTING Freq Body Accelerometer NA NA Mean Z
- -0.946635312419355 62

```
22
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
62
     -0.97862319016129
22
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NΑ
                                                    SD
                                                          Υ
62
     -0.926995253483871
22
               Freq Body Accelerometer
                                                    SD
                                                          Z
     SITTING
                                          NA
                                               NA
62
     -0.909344305645161
22
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
62
     -0.943078237096774
22
               Freq Body Accelerometer
                                               Magnitude SD
     SITTING
                                          NA
                                                               NA
62
     -0.926798029822581
22
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
62
     -0.980944505967742
22
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
62
     -0.963129472580645
     SITTING
22
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
62
     -0.975330718709677
22
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
62
     -0.984299609032258
22
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Y
62
     -0.969776055483871
22
                                                          Z
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
62
     -0.981272224354839
22
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
62
     -0.968908297096774
22
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
62
     -0.967026275967742
22
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
63
     -0.0275201762126984
22
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
63
     -0.0690067688269841
22
               Time NA
                                               Mean Z
                                                          63
     STANDING
                          Gyroscope NA
                                          NA
0.0733466563174603
22
     STANDING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Х
                                          NA
63
     -0.917837043333333
22
     STANDING
               Time NA
                          Gyroscope NA
                                                    Y
                                          NA
                                               SD
63
     -0.964714672857143
22
                          Gyroscope NA
                                                     Z
     STANDING
               Time NA
                                          NA
                                               SD
63
     -0.96058251031746
22
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
63
     -0.931624303968254
22
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
63
     -0.90077655555556
22
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
     -0.0975013472380952
63
22
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
63
     -0.0420998733444444
22
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
```

63	-0.051317924555556								
22	STANDING Time NA	Gyros	cope	Jerk	NA	SD	X		
63	-0.949716028730159	4	-						
22	STANDING Time NA	Gyros	cope	Jerk	NA	SD	Y		
63	-0.984900134285714								
22	STANDING Time NA	Gyros	scope	Jerk	NA	SD	$\mathbf{Z}$		
63	-0.979753572380952			_					
22	STANDING Time NA	Gyros	cope	Jerk	Magni	tude	Mean	NA	
63 22	-0.978603529206349 STANDING Time NA	Crrros		Tords	Magn		CD	NT 70	
63	-0.966086148412698	Gyros	cope	nerk	Magn	Luue	עמ	NA	
22	STANDING Time Body	Accel	erome	eter	NA	NA	Mean	x	63
	9053861587302	110001	ioi oille	CCI	1111	1111	nean	21	00
22	STANDING Time Body	Accel	erome	eter	NA	NA	Mean	Y	
63	-0.0158563207496825								
22	STANDING Time Body	Accel	erome	eter	NA	NA	Mean	$\mathbf{Z}$	
63	-0.104967423820635								
22	STANDING Time Body	Accel	erome	eter	NA	NA	SD	X	
63	-0.985000527142857	_							
22	STANDING Time Body	Accel	erome	eter	NA	NA	SD	Y	
63 22	-0.922693288412698	7 000 1	oromo	.+.~	<b>NT 7</b> 0	NT 70	CD	7	
63	STANDING Time Body -0.942201655238095	Accel	erome	erer	NA	NA	SD	Z	
22	STANDING Time Body	Accel	erome	eter	NA	Magn	itude	Mean	NA
63	-0.954807661269841	110001	or one	CCI	1111	1149111	Leade	nean	1421
22	STANDING Time Body	Accel	erome	eter	NA	Magn	itude	SD	NA
63	-0.939866315079365					_			
22	STANDING Time Body	Accel	erome	eter	Jerk	NA	Mean	X	63
	52322891746032								
22	STANDING Time Body	Accel	erome	eter	Jerk	NA	Mean	Y	63
	07286964173016				_ ,			_	
22	STANDING Time Body		erome	eter	Jerk	NA	Mean	Z	
63 22	-0.00626291653857143 STANDING Time Body		oromo	tor	Tork	NT 7A	SD	Х	
63	-0.975639080634921	Accei	ELOINE	ECET	DELK	IVA	עמ	Λ	
22	STANDING Time Body	Accel	erome	eter	Jerk	NA	SD	Y	
63	-0.952303493968254							_	
22	STANDING Time Body	Accel	erome	eter	Jerk	NA	SD	$\mathbf{Z}$	
63	-0.981478064920635								
22	STANDING Time Body	Accel	erome	eter	Jerk	Magn	itude	Mean	NA
63	-0.975876006507936								
22	STANDING Time Body	Accel	erome	eter	Jerk	Magn	itude	SD	NA
63	-0.958825095396825	:	7 7			37.7	37.7	M =	v
22 63	STANDING Time Gravi	ттў	Accel	Lerome	eter	NA	NA	Mean	X
22	0.954064297619048 STANDING Time Grave	i + 37	Accel	erome	ator	NA	NA	Mean	v
63	-0.226418773650794	- c y	ACCEI	LCT OHE	CCT	1117	7177	ricuii	<b>±</b>
	11220110770000791								

22	STANDING	Time Gr	_	Accel	Lerome	eter	NA	NA	Mean	Z
63 22	0.03238249 STANDING			Accel	Lerome	eter	NA	NA	SD	Х
63	-0.9928272		-	110001			1111	1111	DD.	21
22	STANDING			Acce]	Lerome	eter	NA	NA	SD	Y
63	-0.9710807	74285714	3							
22	STANDING	Time Gr	avity	Acce]	Lerome	eter	NA	NA	SD	${f z}$
63	-0.9588902									
22	STANDING	Time Gr	_	Acce]	Lerome	eter	NA	Magn	itude	Mean
NA		4807661		_						
22	STANDING		_	Acce]	Lerome	eter	NA	Magn	itude	SD
NA		39866315								
22	STANDING	Freq NA	_	scope	NA	NA	Mean	X		
63	-0.9170180				377	377	M	37		
22	STANDING -0.9706824	Freq NA	_	scope	NA	NA	Mean	Y		
63 22				aaana	NT 7A	NT 7N	Mean	7		
63	STANDING -0.9623277	-	_	scope	NA	NA	Mean	Zı		
22	STANDING	Freq NA		scope	NΔ	NA	SD	X		
63	-0.9198517	_	_	всорс	1421	1421	DD	Λ		
22	STANDING			scope	NA	NA	SD	Y		
63	-0.9621727	-	_	- C-		_,		_		
22	STANDING	Freq NA		scope	NA	NA	SD	Z		
63	-0.9636527	-	_	-						
22	STANDING	Freq NA	Gyro	scope	NA	Magni	itude	Mean	NA	
63	-0.9320652	27079365	1							
22	STANDING	Freq NA	Gyro	scope	NA	Magni	itude	SD	NA	
63	-0.9002224	11126984	1							
22	STANDING	Freq NA	Gyro	scope	Jerk	Magni	itude	Mean	NA	
63	-0.9683777	79825396	8							
22	STANDING	Freq NA	_	scope	Jerk	Magni	itude	SD	NA	
63	-0.9653447	72666666	7							
22	STANDING	_	_	lerome	eter	NA	NA	Mean	X	
63	-0.9803739									
22	STANDING	_	_	lerome	eter	NA	NA	Mean	Y	
63	-0.9291613									
22	STANDING	Freq Bo	-	lerome	eter	NA	NA	Mean	$\mathbf{Z}$	
63	-0.9571017									
22		-	_	lerome	eter	NA	NA	SD	X	
63	-0.9874003									
22	STANDING	<del>-</del>	dy Acce	lerome	eter	NA	NA	SD	Y	
63	-0.9236575			_						
22	STANDING	_	_	lerome	eter	NA	NA	SD	Z	
63	-0.9384098			_						
22	STANDING	_	_	Lerome	eter	NA	Magn	itude	Mean	NA
63	-0.9490444			-					<b>a</b> =	272
22	STANDING	Freq Bo	dy Acce	rerome	eter	NA	Magn	itude	SD	NA

```
63
     -0.943739135238095
22
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
63
     -0.974969214761905
22
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
63
     -0.952141454126984
22
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
63
     -0.977567430952381
22
     STANDING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
63
     -0.978773000952381
22
     STANDING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
63
     -0.956169964285714
22
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          \mathbf{z}
63
     -0.984305238253968
22
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
63
     -0.959743877936508
22
     STANDING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
63
     -0.95665395968254
2.2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
                                                          46
0.0007771571
22
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
46
     -0.0960880731804348
2.2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Z
                                                          46
0.0775266594847826
22
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
46
     -0.318537865869565
22
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
46
     -0.486322106521739
2.2
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
     -0.151439515130435
46
22
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
46
     -0.210608043717391
22
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
46
     -0.390775683913043
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                Mean X
46
     -0.132977562363043
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Y
46
     -0.0321910702173913
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Z
46
     -0.0569812455608696
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                     Х
                                                SD
46
     -0.226656401521739
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                     Y
                                                SD
     -0.651875468913043
46
22
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     \mathbf{z}
46
     -0.234278150891304
22
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Time NA
     -0.461999528913043
46
```

	Gyroscope Jer	x Magnitude	SD	NA	
	dy Accelerometer	NA NA	Mean	Х	46
0.27886459					
22 WALKING Time Boo 46 -0.01672136079571	dy Accelerometer	NA NA	Mean	Y	
22 WALKING Time Boo	dy Accelerometer	NA NA	Mean	Z	
46 -0.107112510934783 22 WALKING Time Boo	3 dy Accelerometer	NA NA	SD	X	
46 -0.008659219195652	_				
22 WALKING Time Boo	dy Accelerometer	NA NA	SD	Y	46
0.100384246321739					
22 WALKING Time Boo		NA NA	SD	Z	
46 -0.213351968804348 22 WALKING Time Boo		NA Magn	i+udo	Moan	NT 7A
22 WALKING Time Boo 46 0.072241912166956	=	NA Magn	itude	Mean	IVA
	dy Accelerometer	NA Magn	itude	SD	NA
46 -0.16159178747826	1	J			
22 WALKING Time Boo	dy Accelerometer	Jerk NA	Mean	X	46
0.0627777634002174					
22 WALKING Time Boo	dy Accelerometer	Jerk NA	Mean	Y	46
0.0356746339782609 22 WALKING Time Boo	dy Accelerometer	Jerk NA	Mean	7.	46
0.00443691445434783	ay necesterometer	OCIK IM	nean	4	40
22 WALKING Time Boo	dy Accelerometer	Jerk NA	SD	X	46
0.0358787094391304					
22 WALKING Time Boo 0.225542290191304	dy Accelerometer	Jerk NA	SD	Y	46
22 WALKING Time Boo	dv Accelerometer	Jerk NA	SD	Z	
46 -0.31315590260869	=				
	dy Accelerometer	Jerk Magn	itude	Mean	NA
46 0.02291996735					
22 WALKING Time Boo	dy Accelerometer	Jerk Magn	itude	SD	NA
46 0.111532924945652			27.7	M	37
22 WALKING Time Gra 46 0.936096410434783	avity Acceleror	meter NA	NA	Mean	Х
22 WALKING Time Gra	avity Acceleron	neter NA	NA	Mean	V
46 -0.259644937173913	<b>-</b>		1411	iicaii	-
22 WALKING Time Gra		neter NA	NA	Mean	$\mathbf{Z}$
46 0.023378005608695	7				
22 WALKING Time Gra	<b>-</b>	neter NA	NA	SD	X
46 -0.969643448043478					
22 WALKING Time Gra	<b>-</b>	neter NA	NA	SD	Y
46 -0.963639340217393 22 WALKING Time Gra		meter NA	NA	SD	Z
46 <b>-0.95514784739130</b>	<b>-</b>	MECET NA	TAY.	עט	ப
22 WALKING Time Gra		meter NA	Magn	itude	Mean
			-		

NA 22	46 0.0722419121669 WALKING Time Grave		eter NA	Magni	itude	g D
NA	46 <b>-0.161591787478</b>	-	ecer NA	Magiii	Luue	עפ
22	WALKING Freq NA	Gyroscope NA	NA Mean	X		
46	-0.144648652152174	1 1				
22	WALKING Freq NA	Gyroscope NA	NA Mean	Y		
46	-0.501176901956522					
22	WALKING Freq NA	Gyroscope NA	NA Mean	$\mathbf{Z}$		
46	-0.083501182326087	_				
22	WALKING Freq NA	Gyroscope NA	NA SD	X		
46 22	-0.374496318695652 WALKING Freq NA	Curoccopo NA	NA SD	Y		
46	WALKING Freq NA -0.481624411086957	Gyroscope NA	NA SD	1		
22	WALKING Freq NA	Gyroscope NA	NA SD	$\mathbf{z}$		
46	-0.253173876956522	0/2000000 1		_		
22	WALKING Freq NA	Gyroscope NA	Magnitude	Mean	NA	
46	-0.438378722826087	_	_			
22	WALKING Freq NA	Gyroscope NA	Magnitude	SD	NA	
46	-0.464019127391304					
22	WALKING Freq NA	Gyroscope Jerk	Magnitude	Mean	NA	
46	-0.553946121521739	a 1		a D		
22 46	WALKING Freq NA -0.476405270434783	Gyroscope Jerk	Magnitude	SD	NA	
22	WALKING Freq Body	Accelerometer	NA NA	Mean	Y	
46	-0.0994928588891304	Accelerometer	1421	ricuii	21	
22		Accelerometer	NA NA	Mean	Y	46
	5367520371739					
22	WALKING Freq Body	Accelerometer	NA NA	Mean	$\mathbf{Z}$	
46	-0.25521651373913					
22	<del>-</del> -	Accelerometer	NA NA	SD	X	46
	43958191369565	_				
22		Accelerometer	NA NA	SD	Y	46
0.00. 22	386841059347826 WALKING Freg Body	Aggalaramatar	NT NT NT N	CD	7	
22 46	-0.253643608304348	Accelerometer	NA NA	SD	Z	
22		Accelerometer	NA Magn	itude	Mean	NA
46	-0.0241584964891304	11000101011011001	1111 1101911		110411	
22		Accelerometer	NA Magn	itude	SD	NA
46	-0.381399308043478		_			
22	WALKING Freq Body	Accelerometer	Jerk NA	Mean	X	
46	-0.0367047077608696					
22		Accelerometer	Jerk NA	Mean	Y	46
	9995613695652	<b>3</b> 3	T1 1	3.6		
22		Accelerometer	Jerk NA	Mean	Z	
46 22	-0.281973435652174 WALKING Freq Body	Accelerometer	Jerk NA	SD	Х	46
	80047785304348	VCCETETOWERET	OCIV NA	עט	Λ	<del>1</del> 0
O.O.T.	00017700001010					

22	WALKING	_	Body	Accel	lerome	eter	Jerk	NA	SD	Y	46
	342355613		<b>-</b> 1				- 1		<b>a n</b>	_	
22	WALKING	_	_	Accel	Lerome	eter	Jerk	NA	SD	Z	
46	-0.34319						_ ,		• . •		
22	WALKING	_	Body	Acce]	Lerome	eter	Jerk	Magn:	ıtude	Mean	NA
46	0.065972										
22	WALKING	-	_	Accel	Lerome	eter	Jerk	Magn	itude	SD	NA
46	0.158286										
22	WALKING_			Time	NA	Gyros	scope	NA	NA	Mean	X
36	-0.07796										
22	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	scope	NA	NA	Mean	Y
36	-0.06971	5445583	33333								
22	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	scope	NA	NA	Mean	Z
36	0.050070	8760555	5556								
22	WALKING	DOWNSTA	AIRS	Time	NA	Gyros	scope	NA	NA	SD	X
36	-0.23734	9190997	7222								
22	WALKING	DOWNSTA	AIRS	Time	NA	Gyros	scope	NA	NA	SD	Y
36	-0.55030	3216666	6667			-	-				
22	WALKING	DOWNSTA	AIRS	Time	NA	Gyros	scope	NA	NA	SD	Z
36	-0.28041					_	-				
22	WALKING			Time	NA	Gvros	scope	NA	Magn	itude	Mean
NA		1613333				-1					
22	WALKING			Time	NΑ	Gyros	scope	NΑ	Magn	itude	SD
NA		2639219			1421	Gyro.	осорс	1421	magii.	Leade	DD
22	WALKING			Time	NΤΛ	Gyros	scope	Jork	NΤΛ	Mean	v
36	-0.09017			TIME	IVA	Gyros	scope	OELK	IVA	Mean	Λ
22	WALKING			Time	NT 7\	Curo	scope	Tork	NT 7N	Mean	v
36	-0.03551			TIME	IVA	Gyros	scope	DELY	IVA	Mean	1
22				Time	NT 7N	C	70000	Tords	NT 7N	Moon	7
	WALKING_			ттше	NA	GYLOS	scope	perk	NA	Mean	Z
36	-0.04814			m	377	<b>G</b>		T1-	377	an	37
22	WALKING_			Time	NA	Gyros	scope	Jerk	NA	SD	X
36	-0.26484			m	NT 7	C		To *-1-	NT 7A	C.D.	37
22	WALKING_			Time	NA	Gyros	scope	Jerk	NA	SD	Y
36	-0.64028			m:	373	<b>G</b>		<b>-</b> 1	377	a D	-
22	WALKING_			Time	NA	Gyros	scope	Jerk	NA	SD	Z
36	-0.35876			<b></b> .		<b>a</b>					
22	WALKING_			Time	NA	Gyros	scope	Jerk	Magn:	itude	Mean
NA		4595796				_					
22	WALKING_			Time	NA	Gyros	scope	Jerk	Magn	itude	SD
NA		6176593									
22	WALKING_				Body	Accel	Lerome	eter	NA	NA	Mean
X	36 0.2	8445896	38611	111							
22	WALKING_				Body	Acce	Lerome	eter	NA	NA	Mean
Y	36 -0.	0197999	37168	36389							
22	WALKING_	DOWNSTA	AIRS	Time	Body	Acce	Lerome	eter	NA	NA	Mean
Z	36 -0.	1074157	7796								
22	WALKING_	DOWNSTA	AIRS	Time	Body	Acce	Lerome	eter	NA	NA	SD
					_						

```
Х
     36
          0.348618168333333
22
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    NA
                                                         NA
                                                              SD
Y
     36
          0.239812250944444
22
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                              SD
          -0.325722718055556
Z
     WALKING DOWNSTAIRS Time Body Accelerometer
22
                                                    NA
                                                         Magnitude
Mean NA
               0.330999221944444
22
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
               0.133267478527222
22
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Х
          0.101584640833333
22
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Y
          0.0211126110833333
22
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                              Mean
Z
          0.0112499015
22
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                              SD
Χ
          0.0869139849722222
22
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                              SD
Y
          0.0198613278611111
22
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk NA
                                                              SD
          -0.477806646111111
22
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                    Jerk Magnitude
               -0.0179784626888889
Mean NA
          36
     WALKING DOWNSTAIRS Time Body Accelerometer
22
                                                    Jerk Magnitude
               -0.0337640982530556
SD
     NA
          36
22
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean X
               0.921820641944444
2.2
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
Mean Y
          36
               -0.222215179444444
22
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
               0.0412987957222222
Mean Z
          36
22
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.941242334722222
22
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.945824352777778
          36
22
                         Time Gravity
     WALKING DOWNSTAIRS
                                         Accelerometer
                                                         NA
                                                              NA
SD
               -0.906594023333333
     WALKING DOWNSTAIRS
                         Time Gravity
                                         Accelerometer
                                                         NA
Magnitude Mean NA
                     36
                          0.330999221944444
22
     WALKING DOWNSTAIRS Time Gravity
                                         Accelerometer
                                                         NA
                          0.133267478527222
Magnitude SD
               NA
                     36
22
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
36
     -0.0954349339722222
22
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                         Freq NA
                                                    NA
                                                         Mean Y
36
     -0.525006840277778
     WALKING DOWNSTAIRS
                                    Gyroscope NA
22
                         Freq NA
                                                    NA
                                                         Mean Z
     -0.194915698805556
36
```

22	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X
36 22	-0.284532358444444 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
36 22	-0.570339899444444 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
36 22	-0.377319033611111 WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magni	itude	Mean
NA 22	36 -0.338417326388 WALKING DOWNSTAIRS	_		Gyroscope		_	itude	
NA 22	36 <b>-</b> 0.34186367180	5556				_		
NA	WALKING_DOWNSTAIRS 36 -0.58351051805	5556		Gyroscope		_		
22 NA	WALKING_DOWNSTAIRS 36 -0.69745143861	Freq 1111	NA	Gyroscope	Jerk	Magni	itude	SD
22 X	WALKING_DOWNSTAIRS 36 0.1953484062222	_	Body	Accelerome	eter	NA	NA	Mean
22 Y	WALKING_DOWNSTAIRS 36 0.225766560777	_	Body	Accelerome	eter	NA	NA	Mean
22	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Z 22	36 -0.322795653888 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X 22	36 0.402891960277 WALKING_DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y 22	36 0.167409716861: WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Z 22	36 -0.38324267944 WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	Magn	itude
Mean 22	NA 36 0.1555268	58911	111				_	
SD	WALKING_DOWNSTAIRS NA 36 -0.0575203	260605	55556			NA	_	itude
22 X	WALKING_DOWNSTAIRS 36 0.038336420355	5556	_			Jerk		Mean
22 Y	WALKING_DOWNSTAIRS 36 -0.003091553133	_	_	Accelerome	eter	Jerk	NA	Mean
22 Z	WALKING_DOWNSTAIRS 36 -0.41953425361	_	Body	Accelerome	eter	Jerk	NA	Mean
22 X	WALKING_DOWNSTAIRS 36 0.040461845802	Freq	Body	Accelerome	eter	Jerk	NA	SD
22	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Ү 22	36 -0.027029444410 WALKING_DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z 22	36 -0.535893778333 WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	Magn	itude
Mean 22	NA 36 0.02247839 WALKING DOWNSTAIRS			Accelerome	eter	Jerk	Magn	itude
SD 22	NA 36 -0.118530: WALKING UPSTAIRS	349166	6667				_	
<i>L L</i>	MYTHIG_OLDINING	ттие	INT	Gyroscope	INT	NA	Mean	Λ

42	0.13497880785381							
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
42	-0.181458414495238	m :	373	<b>G</b>	37.7	37.7	34	
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
42 22	0.0157359244619048	піто	NT 70	Curagana	NT 70	NT 70	CD	v
22 42	WALKING_UPSTAIRS -0.301491709628571	Time	NA	Gyroscope	NA	NA	SD	X
22	WALKING UPSTAIRS	Time	NΙΛ	Gyroscope	NT 7N	NA	SD	Y
42	-0.489417908809524	TIME	IVA	Gyroscope	IVA	IVA	עמ	1
22	WALKING UPSTAIRS	Time	NΔ	Gyroscope	NΔ	NA	SD	Z
42	-0.157758060642857	TIME	1121	Суговсорс	1421	1421	DD	_
22	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	42 -0.1280319236							
22	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	42 -0.2025581772					,		
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Х
42	-0.148450080695476							
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
42	-0.0381312609738095							
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$
42	-0.067457054547619							
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
42	-0.396699215238095			_	_			
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
42	-0.704255415	m :	373	<b>G</b>	T1-	37.7	an	
22	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
42 22	-0.515697758571429 WALKING UPSTAIRS	Time	NT 7A	Gyroscope	Tork	Magn	+1140	Moon
NA	42 -0.568111869047		NA	Gyroscope	nerk	Mayii.	Ltude	Mean
22	WALKING UPSTAIRS	Time	NΔ	Gyroscope	Jerk	Magn	i + 11de	SD
NA	42 <b>-</b> 0.675633024285		1121	Суговсорс	OCIK	magii.	Leade	DD
22	WALKING UPSTAIRS		Bodv	Accelerome	eter	NA	NA	Mean
X	42 0.2483915345666		1					
22	WALKING UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Y	42 -0.026862256113		-					
22	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
$\mathbf{Z}$	42 -0.117550861738	3095						
22	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
X	42 0.0835738640921	L429						
22	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
Y	42 0.2500675237380							
22	WALKING_UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
Z	42 -0.109613216345		_	_				
22	WALKING_UPSTAIRS		_	Accelerome	eter	NA	Magni	itude
	NA 42 0.21028260			3 3	. 1		3.5	
22 CD	WALKING_UPSTAIRS		_	Accelerome	eter	NA	мagn	itude
SD	NA 42 -0.1587574	± / 4 8 3 3	0333					

22	WALKING_UPSTAIRS		Body	Accele	rome	ter	Jerk	NA	Mean
X 22	42 0.087717223904 WALKING_UPSTAIRS		Body	Accele	rome	ter	Jerk	NA	Mean
Y 22	42 0.036708296628 WALKING UPSTAIRS		Body	Accele:	rome	ter	Jerk	NΔ	Mean
Z	42 -0.03361697090		Boay	1100010		CCI	OCIN	1111	ncun
22	WALKING_UPSTAIRS 42 -0.008539926809		Body	Accele	rome	ter	Jerk	NA	SD
X 22	WALKING_UPSTAIRS		Body	Accele	rome	ter	Jerk	NA	SD
Y	42 -0.05757845448								
22	WALKING_UPSTAIRS		Body	Accele	rome	ter	Jerk	NA	SD
Z	42 <b>-0.</b> 47170330476		D a al	700010		±	Totale	Maan	. ۲۰۰۰
22 Mean	WALKING_UPSTAIRS NA 42 -0.095784		_	Accere.	rome	cer	Jerk	Magni	Llude
22				Accele	rome	ter	Jerk	Magni	i tude
SD	<b>—</b>		_	1100010	LOING	CCI	OCIK	nagni	Leade
22				tv A	ccel	erome	ter	NA	NA
	x 42 0.8894543			2					
22	WALKING UPSTAIRS			ty A	ccel	erome	ter	NA	NA
Mean	Y 42 -0.336826	91		_					
22	WALKING_UPSTAIRS	Time (	Gravi	ty A	ccel	erome	ter	NA	NA
Mean	z 42 -0.095797	8990316	6667						
22	<del>_</del>			ty A	ccel	erome	ter	NA	NA
SD									
	WALKING_UPSTAIRS			ty A	ccel	erome	ter	NA	NA
SD					_				
	WALKING_UPSTAIRS			ty A	ccel	erome	ter	NA	NA
SD	Z 42 -0.913153				,				
22	WALKING_UPSTAIRS					erome	ter	NA	
_	itude Mean NA 42						L	177	
	WALKING_UPSTAIRS itude SD NA 42					erome	ter	NA	
	WALKING UPSTAIRS					NT 7N	NT 7\	Moan	v
42	-0.19545699252381	rreq i	NA	GYLUSC	ope	IVA	IVA	Mean	Λ
22	WALKING UPSTAIRS	Freq 1	NΙΔ	Gyrosco	one	NΑ	NA	Mean	v
42	-0.523943751666667	rreq	.121	dyrobe.	opc	1421	1121	nean	•
22	WALKING UPSTAIRS	Freq 1	NΑ	Gyrosco	ope	NA	NA	Mean	7.
42	-0.199313066142857		.,				_,		_
22	WALKING UPSTAIRS	Freq 1	NA	Gyrosco	ope	NA	NA	SD	Х
42	-0.338139776690476	-		_	-				
22	WALKING_UPSTAIRS	Freq 1	NA	Gyrosco	ope	NA	NA	SD	Y
42	-0.473882071666667	_							
22	WALKING_UPSTAIRS	Freq 1	NA	Gyrosco	ope	NA	NA	SD	Z
42	-0.222431794690476								
22	WALKING_UPSTAIRS	Freq 1	NA	Gyrosco	ope	NA	Magni	tude	Mean
NA	42 -0.369902								
22	WALKING_UPSTAIRS	Freq 1	NA	Gyrosco	ope	NA	Magni	tude	SD

```
NA
     42
          -0.234023031571429
22
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude Mean
          -0.667996003333333
NA
     42
22
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope Jerk Magnitude SD
          -0.70987053452381
NA
     42
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Х
          -0.0553996485285714
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Y
          0.13068653882619
     42
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Z
     42
          -0.228019952309524
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Χ
     42
          0.132048813464286
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
          0.230058772192857
Y
     42
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
          -0.116753339559524
Z
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
Mean NA
          42
                -0.0866905123880952
                          Freq Body Accelerometer
22
     WALKING UPSTAIRS
                                                     NA
                                                          Magnitude
SD
     NA
                -0.334126221428571
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
          -0.0382449785166667
Χ
     42
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Y
          -0.0751829281833333
     42
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
\mathbf{Z}
          -0.414448875714286
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
          -0.0677978520178571
Х
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
     42
          -0.106099613648095
22
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.528567802619048
22
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk Magnitude
          42
                -0.0458020362119048
Mean NA
22
                          Freq Body Accelerometer
                                                     Jerk Magnitude
     WALKING UPSTAIRS
SD
          42
                -0.151299835619048
     NA
23
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
72
     -0.0113399724663889
23
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
72
     -0.105052917
23
     LAYING
                Time NA
                          Gyroscope NA
                                                Mean Z
                                                          72
                                          NA
0.111078594708333
2.3
                          Gyroscope NA
     LAYING
                Time NA
                                          NA
                                                SD
                                                     Х
72
     -0.981849400972222
23
                          Gyroscope NA
                                                     Y
     LAYING
                Time NA
                                          NA
                                                SD
72
     -0.959195236388889
```

23 72	LAYING -0.983920	Time NA	Gyroscope	NA	NA	SD	Z		
23	LAYING	Time NA	Gyroscope	NA	Magni	tude	Mean	NA	
72	-0.949418						a 5		
23 72	LAYING -0.957227		Gyroscope	NA	Magni	tude	SD	NA	
23	LAYING	Time NA	Gyroscope	Jerk	NA	Mean	X		
72	-0.1020249		o,rozoopo	00111		110411			
23	LAYING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
72	-0.0372449	9750569444							
23	LAYING	Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
72		1626111111	_	_ ,		~-			
23	LAYING	Time NA	Gyroscope	Jerk	NA	SD	X		
72 23	-0.9850278		Curoggono	Tork	NT 7A	SD	Y		
72	LAYING -0.979427	Time NA	Gyroscope	nerk	NA	עפ	1		
23	LAYING	Time NA	Gyroscope	Jerk	NA	SD	Z		
72	-0.9949089		Сугорооро	00111			_		
23	LAYING		Gyroscope	Jerk	Magni	tude	Mean	NA	
72	-0.984557	478611111			,				
23	LAYING	Time NA	Gyroscope	Jerk	Magni	tude	SD	NA	
72	-0.981314	831666667							
23	LAYING	_	Accelerome	eter	NA	NA	Mean	X	72
	4038007986		_	_					
23	LAYING	_	Accelerome	eter	NA	NA	Mean	Y	
72		3835833333	Aggolorom		<b>3.T.7</b> 3	<b>3.7.7</b> 3	Moon	7	
23 72	LAYING -0.104256	_	Accelerome	erer	NA	NA	Mean	Z	
23	LAYING		Accelerome	eter	NA	NA	SD	X	
72	-0.9567563	_	710001010111	2001	1111	1111	DD.	21	
23	LAYING		Accelerome	eter	NA	NA	SD	Y	
72	-0.976309	_							
23	LAYING	Time Body	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
72	-0.973223	495416667							
23	LAYING	_	Accelerome	eter	NA	Magni	Ltude	Mean	NA
72	-0.962959		_						
23	LAYING	-	Accelerome	eter	NA	Magni	itude	SD	NA
72	-0.9578719		7 1		T1-	377	M = = ==	37	7.0
23	LAYING 3178760833:	_	Accelerome	eter	Jerk	NA	Mean	Х	72
23	LAYING		Accelerome	ater	Jerk	NΙΔ	Mean	v	72
	5351440051	-	ACCCICIONO	CCI	OCIK	1421	ricuii	_	72
23	LAYING		Accelerome	eter	Jerk	NA	Mean	Z	
72		3506027777		-					
23	LAYING	Time Body	Accelerome	eter	Jerk	NA	SD	X	
72	-0.986360	446805556							
23	LAYING	Time Body	Accelerome	eter	Jerk	NA	SD	Y	

```
72 -0.988611616666667
```

- 23 LAYING Time Body Accelerometer Jerk NA SD Z
- 72 -0.984663476666667
- 23 LAYING Time Body Accelerometer Jerk Magnitude Mean NA
- 72 -0.987010197361111
- 23 LAYING Time Body Accelerometer Jerk Magnitude SD NA
- 72 -0.986685651527778
- 23 LAYING Time Gravity Accelerometer NA NA Mean X
- 72 -0.391564962777778
- 23 LAYING Time Gravity Accelerometer NA NA Mean Y
- 72 0.438434067361111
- 23 LAYING Time Gravity Accelerometer NA NA Mean Z
- 72 0.918782825277778
- 23 LAYING Time Gravity Accelerometer NA NA SD X
- 72 -0.947948758194444
- 23 LAYING Time Gravity Accelerometer NA NA SD Y
- 72 -0.982794562916667
- 23 LAYING Time Gravity Accelerometer NA NA SD Z
- 72 -0.976780462083333
- 23 LAYING Time Gravity Accelerometer NA Magnitude Mean
- NA 72 -0.962959196805556
- 23 LAYING Time Gravity Accelerometer NA Magnitude SD
- NA 72 -0.957871990555555
- 23 LAYING Freq NA Gyroscope NA NA Mean X
- 72 -0.979676078055556
- 23 LAYING Freq NA Gyroscope NA NA Mean Y
- 72 -0.96846913625
- 23 LAYING Freq NA Gyroscope NA NA Mean Z
- 72 -0.984238807777778
- 23 LAYING Freq NA Gyroscope NA NA SD X
- 72 -0.982665212638889
- 23 LAYING Freq NA Gyroscope NA NA SD Y
- 72 -0.954997309583333
- 23 LAYING Freq NA Gyroscope NA NA SD Z
- 72 -0.98531784125
- 23 LAYING Freq NA Gyroscope NA Magnitude Mean NA
- 72 -0.966239347916667
- 23 LAYING Freq NA Gyroscope NA Magnitude SD NA
- 72 -0.959025538194444
- 23 LAYING Freq NA Gyroscope Jerk Magnitude Mean NA
- 72 -0.981846854305556
- 23 LAYING Freq NA Gyroscope Jerk Magnitude SD NA
- 72 -0.98158514125
- 23 LAYING Freq Body Accelerometer NA NA Mean X
- 72 -0.970037238333333
- 23 LAYING Freq Body Accelerometer NA NA Mean Y
- 72 -0.982072295833333

```
23
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
72
     -0.977515213888889
23
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NΑ
                                                     SD
                                                          Χ
72
     -0.952410957638889
               Freq Body Accelerometer
23
     LAYING
                                          NA
                                               NA
                                                     SD
                                                          Y
72
     -0.974304149166667
23
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
72
     -0.972261283055556
23
               Freq Body Accelerometer
                                               Magnitude Mean NA
     LAYING
                                          NA
72
     -0.967747053194444
23
     LAYING
               Freq Body Accelerometer
                                               Magnitude SD
                                          NA
                                                               NA
72
     -0.958465695416667
23
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
72
     -0.986204659166667
23
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
72
     -0.988230264166667
23
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
72
     -0.982415511805556
23
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
72
     -0.987840852638889
23
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
72
     -0.989995616944444
23
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
     LAYING
     -0.985502011944444
72
23
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
72
     -0.985905703888889
23
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     LAYING
                                                               NA
72
     -0.986540200694444
23
                                               Mean X
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
     -0.0472583464367647
68
23
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
68
     -0.0684325551029412
23
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          68
0.0645673209117647
23
     SITTING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Х
                                          NA
68
     -0.980363734264706
23
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Υ
68
     -0.948109526029412
23
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
68
     -0.9597186325
23
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
68
     -0.936593426911765
23
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
68
     -0.937006097352941
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
68
     -0.0967422192647059
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
```

```
68
     -0.0434602554691176
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
68
     -0.0485561086867647
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
68
     -0.987084633970588
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
68
     -0.980727445294118
23
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Z
68
     -0.988130142058824
23
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
68
     -0.986514066029412
23
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
68
     -0.979226997941177
23
     SITTING
               Time Body Accelerometer
                                               NA
                                                     Mean X
                                                               68
                                          NA
0.273351251617647
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
68
     -0.0133945015676471
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
68
     -0.103808679294118
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Χ
     -0.987607636617647
68
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
68
     -0.934933559264706
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
     -0.905584390323529
68
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               Magnitude Mean NA
68
     -0.944080772941176
23
     SITTING
               Time Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
68
     -0.924963263235294
23
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                     Mean X
                                                               68
0.0770022352205882
               Time Body Accelerometer
     SITTING
                                          Jerk NA
                                                     Mean Y
                                                               68
0.0101351394211029
               Time Body Accelerometer
23
     SITTING
                                          Jerk NA
                                                     Mean Z
     -0.00148823351367647
68
23
               Time Body Accelerometer
                                                          Х
     SITTING
                                          Jerk NA
                                                     SD
68
     -0.984561803823529
23
     SITTING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
68
     -0.978045837794118
23
               Time Body Accelerometer
                                                     SD
                                                          Z
     SITTING
                                          Jerk NA
68
     -0.975978995
23
     SITTING
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     -0.982375503382353
68
               Time Body Accelerometer
23
     SITTING
                                          Jerk Magnitude SD
                                                               NA
68
     -0.973668776323529
23
     SITTING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
68
     0.936509242941176
```

```
23
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Y
68
     0.1217510625
                                Accelerometer
2.3
     SITTING
                Time Gravity
                                                NA
                                                     NΑ
                                                           Mean 7
68
     0.0630111556279412
23
                Time Gravity
                                Accelerometer
                                                           SD
     SITTING
                                                NA
                                                     NA
                                                                Х
68
     -0.984536722205882
23
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
68
     -0.960917426323529
23
                                Accelerometer
                                                           SD
                                                                \mathbf{Z}
     SITTING
                Time Gravity
                                                NA
                                                     NA
68
     -0.923953600294118
23
                Time Gravity
     SITTING
                                Accelerometer
                                                     Magnitude Mean
                                                NA
NA
          -0.944080772941176
23
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     68
          -0.924963263235294
23
                          Gyroscope NA
                                                Mean X
     SITTING
                Freq NA
                                           NA
68
     -0.977149986617647
23
                                                Mean Y
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
68
     -0.957920288823529
23
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Z
68
     -0.965428833529412
23
     SITTING
                          Gyroscope NA
                                                     Х
                Freq NA
                                           NA
                                                SD
68
     -0.981523241176471
23
                          Gyroscope NA
                                                     Y
     SITTING
                Freq NA
                                           NA
                                                SD
68
     -0.943733421029412
23
                                                      Z
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
68
     -0.961914054264706
23
                                           Magnitude Mean NA
     SITTING
                Freq NA
                          Gyroscope NA
     -0.952293277205882
68
23
     SITTING
                          Gyroscope NA
                                           Magnitude SD
                                                           NA
                Freq NA
68
     -0.938680776617647
23
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
     -0.980707211470588
68
23
     SITTING
                          Gyroscope Jerk Magnitude SD
                                                           NA
                Freq NA
68
     -0.978499038088235
23
                Freq Body Accelerometer
                                                NA
                                                     Mean X
     SITTING
                                           NA
68
     -0.986325670882353
23
                Freq Body Accelerometer
                                                     Mean Y
     SITTING
                                           NA
                                                NA
68
     -0.953460406470588
23
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean Z
68
     -0.942031166764706
23
     SITTING
                Freq Body Accelerometer
                                                      SD
                                                           Х
                                           NA
                                                NA
68
     -0.988345258235294
23
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                      SD
                                                           Y
68
     -0.930781487205882
23
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                      SD
                                                           Z
     -0.896125263911765
68
23
     SITTING
                Freq Body Accelerometer
                                           NA
                                                Magnitude Mean NA
```

```
68
     -0.945837830147059
23
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NΑ
68
     -0.927090118382353
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
68
     -0.984550863529412
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
68
     -0.978136218235294
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
68
     -0.972656226029412
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
68
     -0.986019630441176
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
68
     -0.979564696911765
23
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
68
     -0.977936447205882
23
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     -0.974121466764706
68
23
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
68
     -0.972117016617647
23
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
68
     -0.0327397745133823
23
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
68
     -0.0652264793213235
23
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          68
0.0816888999117647
23
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Χ
68
     -0.942011240294118
23
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
     -0.948074760882353
68
23
                                                     \mathbf{Z}
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
68
     -0.962389689411765
23
                                          Magnitude Mean NA
     STANDING
               Time NA
                          Gyroscope NA
68
     -0.938430293382353
23
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
68
     -0.923796565588235
23
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
68
     -0.0981481050441177
23
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
68
     -0.0416774165735294
                                               Mean Z
23
     STANDING
               Time NA
                          Gyroscope Jerk NA
68
     -0.0548226277867647
23
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                                     Χ
                                               SD
     -0.972770702058824
68
23
     STANDING
                          Gyroscope Jerk NA
                                                     Υ
               Time NA
                                               SD
68
     -0.972509523235294
23
                                                     Z
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
     -0.984654516470588
68
```

23 68	STANDING Time NA -0.9763992525	Gyro	scope	Jerk	Magni	itude	Mean	NA	
23	STANDING Time NA	Gyro	scope	Jerk	Magni	itude	SD	NA	
68	-0.97238736529411	_	-		,				
23	STANDING Time Bo	dy Acce	lerome	eter	NA	NA	Mean	X	68
0.27	7899323235294								
23	STANDING Time Bo	-	lerome	eter	NA	NA	Mean	Y	
68	-0.01774755478676		_						
23	STANDING Time Bo	dy Acce	lerome	eter	NA	NA	Mean	Z	
68	-0.1105970177575	d 7	1		377	377	ap.	37	
23	STANDING Time Bo	-	rerome	eter	NA	NA	SD	X	
68 23	-0.98542151955882 STANDING Time Bo		loroma	otor	NA	NA	SD	Y	
68	-0.9584444925	dy Acce	TELOIII	scer	IVA	IVA	עכ	1	
23	STANDING Time Bo	dv Acce	lerome	ater	NA	NA	SD	Z	
68	-0.92940974514705	_	I C I OIII	CCI	1471	1421	DD	_	
23		dy Accei	lerome	eter	NA	Magni	tude	Mean	NA
68	-0.95721226705882	-				9			
23	STANDING Time Bo		lerome	eter	NA	Magni	tude	SD	NA
68	-0.9516698575	4				,			
23	STANDING Time Bo	dy Acce	lerome	eter	Jerk	NA	Mean	Х	68
0.07	50206478676471								
23	STANDING Time Bo	dy Acce	lerome	eter	Jerk	NA	Mean	Y	68
0.01	05861517936765								
23	STANDING Time Bo	-	lerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
68	-0.00529260911370								
23		dy Acce	lerome	eter	Jerk	NA	SD	X	
68	-0.98314195897058		_						
23	STANDING Time Bo	_	Lerome	eter	Jerk	NA	SD	Y	
68	-0.97521998367647		1		T =1-	377	ap.		
23 68	STANDING Time Bo -0.97359521544117	dy Acce	rerome	eter	Jerk	NA	SD	Z	
23	STANDING Time Bo		loroma	otor	Tork	Magn	+1140	Moan	NΤΛ
23 68	-0.97867148544117	_	rerome	erer	nerk	Magii	Luue	меан	NA
23		dy Accei	lerome	eter	Jerk	Magni	tude	SD	NA
68	-0.97481152823529	_			CCIN	1149111	Leade	U.D	1421
23	STANDING Time Gr		Acce	lerome	eter	NA	NA	Mean	Х
68	0.919857125882353	_				-	-		
23	STANDING Time Gr	avity	Acce	lerome	eter	NA	NA	Mean	Y
68	-0.11740135969705	9							
23	STANDING Time Gr	avity	Accel	lerome	eter	NA	NA	Mean	$\mathbf{Z}$
68	-0.22363118090676	5							
23	STANDING Time Gr	avity	Acce	lerome	eter	NA	NA	SD	X
68	-0.984610385			_					
23	STANDING Time Gr	_	Accel	lerome	eter	NA	NA	SD	Y
68	-0.98481864882352		<b>.</b>	1			373	an	
23	STANDING Time Gr	avity	Acce	rerome	eter	NA	NA	SD	Z

```
68
     -0.947199734411765
23
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                    Magnitude Mean
          -0.957212267058824
NA
     68
23
     STANDING Time Gravity
                               Accelerometer
                                              NA
                                                    Magnitude SD
          -0.9516698575
NA
     68
23
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                              Mean X
68
     -0.947510436323529
23
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                              Mean Y
68
     -0.952781164558824
23
     STANDING Freq NA
                          Gyroscope NA
                                              Mean Z
                                         NA
68
     -0.967939565
23
     STANDING Freq NA
                          Gyroscope NA
                                              SD
                                                    Х
                                         NA
68
     -0.941698515588235
23
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                              SD
                                                    Y
     -0.945871186029412
68
23
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                              SD
                                                    \mathbf{Z}
68
     -0.9642499225
23
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude Mean NA
68
     -0.944583829705882
23
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
68
     -0.924805421470588
23
     STANDING Freq NA
                          Gyroscope Jerk Magnitude Mean NA
68
     -0.972598810882353
     STANDING Freq NA
23
                          Gyroscope Jerk Magnitude SD
                                                         NA
68
     -0.973849691470588
23
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                    Mean X
68
     -0.983627197058824
23
     STANDING
               Freq Body Accelerometer
                                         NA
                                              NA
                                                    Mean Y
     -0.962831825294118
68
23
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                    Mean Z
68
     -0.945170568823529
23
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                    SD
                                                         Х
68
     -0.986333385588235
     STANDING Freq Body Accelerometer
23
                                         NA
                                              NA
                                                    SD
                                                         Y
68
     -0.958042411176471
23
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Z
                                         NA
                                              NA
68
     -0.926110099117647
23
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
     -0.957986177058823
68
23
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                              NA
68
     -0.955291356470588
23
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
68
     -0.983283252058823
                                                    Mean Y
23
     STANDING Freq Body Accelerometer
                                         Jerk NA
68
     -0.975176561617647
23
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Z
     -0.969610229705882
68
```

23	STANDING	Freq	Body	Accelerome	eter	Jerk	NA	SD	X	
68	-0.984531	64220	5882							
23	STANDING	Freq	Body	Accelerome	eter	Jerk	NA	SD	Y	
68	-0.977157	997794	4118							
23	STANDING	Freq	Body	Accelerome	eter	Jerk	NA	SD	Z	
68	-0.976241	315882	2353							
23	STANDING	Freq	Body	Accelerome	eter	Jerk	Magni	itude	Mean	NA
68	-0.973798	_	_				_			
23	STANDING	Freq	Body	Accelerome	eter	Jerk	Magni	itude	SD	NA
68	-0.975053	6875	-				_			
23	WALKING	Time	NA	Gyroscope	NA	NA	Mean	X		
59	-0.063115	687035	55932	1 1						
23	WALKING	Time	NA	Gyroscope	NA	NA	Mean	Y		
59	-0.064019	792096	66102	2 1						
23	WALKING	Time		Gyroscope	NA	NA	Mean	Z	59	
	7700450653			-7						
23	WALKING	Time	NΑ	Gyroscope	NA	NA	SD	Х		
59	-0.494322			o <sub>1</sub> roboopo	-11-1	-11-1	22			
23	WALKING			Gyroscope	NΑ	NA	SD	Y	59	
	9457229203		1111	Cyroboope	2122	1411	DD.	-	33	
23	WALKING	Time	NΑ	Gyroscope	NΔ	NA	SD	Z		
59	-0.209634			Суговсорс	1121	1421	DD	_		
23	WALKING	Time		Gyroscope	NΔ	Magn	itude	Mean	NΔ	
59	-0.012096			буговеоре	1421	nagii	Lcuuc	ncun	1171	
23	WALKING	Time		Gyroscope	NΤΛ	Magn	itude	GD.	NA	59
	3346451623		IVA	дугозсоре	IVA	Magii	Lcude	שמ	IVA	33
23	WALKING	Time	NΙΔ	Gyroscope	Jork	NΔ	Mean	Y		
59	-0.057812			буговсорс	UCIK	1471	ricuii	71		
23	WALKING	Time		Gyroscope	Jork	NΔ	Mean	v		
59	-0.051670			дугозсоре	DELY	INT	riean	1		
23	WALKING	Time		Gyroscope	Tork	NΤΛ	Mean	7		
59	-0.090300			Gyroscope	DELY	INT	Mean	ப		
	WALKING			Gyroscope	Tork	NT 7N	GD.	v		
23 59	-0.363969	Time		gyroscope	DETK	INT	SD	X		
23				Curoccos	Torle	NT 70	SD	v	59	
	WALKING 5945926186	Time	INA	Gyroscope	nerk	MA	עפ	Y	Jy	
			NT 70	Curoccos	Torle	NT 70	GD.	7		
23	WALKING -0.374456			Gyroscope	Jerk	NA	SD	Z		
59				Curacas	To1-	M ~ ~ ~ -	داد.ریا	Moor	NT 70	E 0
23	WALKING	Time	NA	Gyroscope	Jerk	magn:	tuae	мean	NA	59
	1530541050		377	G	T =1	M =	. 1 1	an	37.7	F 0
23	WALKING	Time	NΑ	Gyroscope	Jerk	magn:	Ltude	ຮັນ	NA	59
	0173204117									<b>-</b> ^
23	WALKING		Body	Accelerome	eter	NA	NA	Mean	Х	59
	3211884237					••				
23	WALKING		_	Accelerome	eter	NA	NA	Mean	Y	
59	-0.018361					••			_	
23	WALKING	Time	Body	Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	

59	-0.1133829940	81716							
23			Acce	lerometer	NA	NA	SD	X	
59	-0.3135217733	_	11000	1010110101	-11-1	1111	22		
23			Acce	lerometer	NA	NA	SD	Y	
59	-0.1190205865	_							
23	WALKING Tim	e Body	Acce	lerometer	NA	NA	SD	Z	59
0.16	4220685383051	-							
23	WALKING Tim	e Body	Acce	lerometer	NA	Magn	itude	Mean	NA
59	-0.0988770198	220339							
23	WALKING Tim	e Body	Acce	lerometer	NA	Magn	itude	SD	NA
59	-0.2099893545	70847							
23	WALKING Tim	e Body	Acce	lerometer	Jerk	NA	Mean	X	59
	87319085964407								
23		e Body	Acce.	lerometer	Jerk	NA	Mean	Y	59
	48955926864407								
23	WALKING Tim	_		lerometer	Jerk	NA	Mean	Z	
59	-0.0019081064			_	_				
23		_	Acce.	lerometer	Jerk	NA	SD	X	
59	-0.2293281223				_ ,		~-		
23		_	Acce.	lerometer	Jerk	NA	SD	Y	
59	-0.0805017337		<b>3</b>	1	<b>7</b> 1-	373	a D		
23		_	Acce.	lerometer	Jerk	NA	SD	Z	
59	-0.0293115056		<b>3</b>	1	<b>7</b> 1-	36		36	373
23		_	Acce.	lerometer	Jerk	Magn	ıtude	Mean	NA
59 23	-0.0670819655		7.000	loromotor	Torde	Magn	: +d.	CD.	NT 7
23 59	WALKING Tim -0.0268194363	_	Acce.	lerometer	nerk	Magii.	Luue	อบ	NA
23		e Grav	i + 37	Accelero	matar	NA	NA	Mean	v
59	0.93980968864		тсу	Acceleio	iie cei	IVA	IVA	Mean	Λ
23		e Grav	i+v	Accelero	meter	NA	NA	Mean	v
59	-0.16176137	c Grav	ı cy	necercio	CCCI	1421	1421	ncun	•
23		e Grav	itv	Accelero	meter	NA	NA	Mean	7.
59	-0.1607633603		1						_
23		e Grav	itv	Accelero	meter	NA	NA	SD	X
59	-0.9772309038		1						
23		e Grav	ity	Accelero	meter	NA	NA	SD	Y
59	-0.9665507069	49153	-						
23	WALKING Tim	e Grav	ity	Accelero	meter	NA	NA	SD	${f z}$
59	-0.9329813418	64407	_						
23	WALKING Tim	e Grav	ity	Accelero	meter	NA	Magn	itude	Mean
NA	59 -0.09887	701982	20339						
23	WALKING Tim	e Grav	ity	Accelero	meter	NA	Magn	itude	SD
NA	59 -0.20998	935457	0847						
23	WALKING Fre	q NA	Gyros	scope NA	NA	Mean	X		
59	-0.3376192030	50847							
23	WALKING Fre	q NA	Gyros	scope NA	NA	Mean	Y	59	
0.19	5569461920339								

23 59	WALKING -0.194970	_	Gyroscope	NA	NA	Mean	Z		
23	WALKING	Freq NA	Gyroscope	NA	NA	SD	X		
59	-0.545051	_	1 1						
23	WALKING	Freq NA	Gyroscope	NA	NA	SD	Y	59	
	6581518449								
23	WALKING	-	Gyroscope	NA	NA	SD	Z		
59	-0.287820		C	3.7.73	Moan	: d a	Moon	NT 70	ΕO
23	WALKING 5078207383	-	Gyroscope	NA	Magn	Ltude	Mean	NA	59
23	WALKING		Gyroscope	NΔ	Magn:	itude	SD	NA	
59	-0.061476	-	бугозсоре	IVA	Magiii	Lcude	SD	IVA	
23	WALKING	Freq NA	Gyroscope	Jerk	Magn:	itude	Mean	NA	59
	6618569064	_	0,2000,0						
23	WALKING	Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	59
0.28	7834616098	305			_				
23	WALKING	Freq Body	Accelerom	eter	NA	NA	Mean	X	
59	-0.275404	187920339							
23			Accelerom	eter	NA	NA	Mean	Y	
59		7317966102							
23	WALKING		Accelerom	eter	NA	NA	Mean	Z	59
	1408107854				373	373	a D	**	
23 59	WALKING -0.329807		Accelerom	eter	NA	NA	SD	X	
23	WALKING		Accelerom	atar	NA	NA	SD	Y	
59	-0.202524		Accereroni	ecer	IVA	IVA	SD	1	
23	WALKING		Accelerom	eter	NA	NA	SD	Z	59
	61434407	1 2							
23		Freq Body	Accelerom	eter	NA	Magn	itude	Mean	NA
59	-0.094260	6311677966							
23	WALKING	Freq Body	Accelerom	eter	NA	Magn	itude	SD	NA
59	-0.407577								
23			Accelerom	eter	Jerk	NA	Mean	Х	
59	-0.290410				- 1				
23	WALKING		Accelerom	eter	Jerk	NA	Mean	Y	
59 23	-0.155488		Accelerom	otor	Jerk	NT 7N	Moan	7	
23 59		1324745763		ecer	Derk	NA	Mean	Zı	
23			Accelerom	eter	Jerk	NΑ	SD	Х	
59	-0.235172		11000101011	CCCI	OCIA	1411	DD	21	
23	WALKING		Accelerom	eter	Jerk	NA	SD	Y	
59	-0.060975	3095355932							
23	WALKING	Freq Body	Accelerom	eter	Jerk	NA	SD	Z	
59	-0.006236	4752898305							
23	WALKING		Accelerom	eter	Jerk	Magn	itude	Mean	NA
59		5701559322							
23	WALKING	Freq Body	Accelerom	eter	Jerk	Magn	itude	SD	NA

59	-0.0457372334118644						
23	WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	NA	Mean	X
54	-0.0578230190203704						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	Mean	Y
54	-0.0853077464277778						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
54	0.0953602497222222						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	SD	X
54	-0.416133032777778						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	SD	Y
54	0.213825552277778		_			~-	_
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
54	-0.208702488240741	377	<b>G</b>	377	M =		M = = ==
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	54 0.0390915481555556	37.73	C	3.7.73	Magn		CD
23	WALKING_DOWNSTAIRS Time 54 0.0539972903222222	NA	Gyroscope	NA	magn.	itude	מפ
NA 23	WALKING DOWNSTAIRS Time	NT 7N	Gyroscope	Tork	NT 7\	Mean	v
54	-0.117725824412963	NA	Gyroscope	nerk	IVA	Mean	Λ
23	WALKING DOWNSTAIRS Time	NΙΔ	Gyroscope	Jork	NΔ	Mean	v
54	-0.0352891614740741	1177	дуговсоре	DELK	IVA	Hean	1
23	WALKING DOWNSTAIRS Time	NΑ	Gyroscope	Jerk	NΑ	Mean	7.
54	-0.0293255016148148	1421	суговсорс	OCIK	1421	nean	2
23	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Х
54	-0.32301569962963		-1				
23	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
54	$0.14665\overline{0}121972222$		1 1				
23	WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$
54	-0.36786963962963						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	54 -0.0463117766203704						
23	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA	54 0.0594908483888889						
23	<del>_</del>	Body	Accelerome	eter	NA	NA	Mean
X	54 0.289897411148148						
23	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
Y	54 -0.0162111457238889						
23	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
Z	54 -0.0988123712574074		_				
23	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
X	54 0.0441392843425926	- 1					<b>a</b> 5
23	<b>—</b>	воау	Accelerome	eter	NA	NA	SD
Y	54 0.10825903416963	D1	7 1		377	377	an.
23	WALKING_DOWNSTAIRS Time	воах	Accelerome	eter	NA	NA	SD
Z	54 0.229898742944444	Pod.	Aggo <sup>1</sup> orom	2+05	NT 7N	Maar	:+,,,,,,
23 Mean	WALKING_DOWNSTAIRS Time NA 54 0.127211137694	_	Acceletome	erer	NA	magn	itude
medii	NA 34 U.12/21113/094	144					

			_			
23	WALKING_DOWNSTAIRS	_	Accelerometer	NA	Magn:	itude
SD	NA 54 0.2303639					
23	WALKING_DOWNSTAIRS	_	Accelerometer	Jerk	NA	Mean
X	54 0.057801060564	8148				
23	WALKING_DOWNSTAIRS	Time Body	Accelerometer	Jerk	NA	Mean
Y	54 0.037500515074	0741				
23	WALKING_DOWNSTAIRS	Time Body	Accelerometer	Jerk	NA	Mean
Z	54 - 0.0098271710	1851849				
23	WALKING DOWNSTAIRS	Time Body	Accelerometer	Jerk	NA	SD
X	54 0.198947061775	926				
23	WALKING DOWNSTAIRS	Time Body	Accelerometer	Jerk	NA	SD
Y	54 -0.08833012257	_				
23	WALKING DOWNSTAIRS		Accelerometer	Jerk	NΑ	SD
Z	54 0.031015707777		HOOCICIOMCCCI	OCIN	1111	55
23	WALKING DOWNSTAIRS		Aggoloromotor	Tork	Magn	i + 11do
Mean	<del>_</del>	-	Acceletometer	DELY	Mayii.	rtude
			31	T1-	M =	:
23	WALKING_DOWNSTAIRS	_	Accelerometer	Jerk	magn.	rtuae
SD	NA 54 0.2920872					
23	WALKING_DOWNSTAIRS		ity Accelerom	eter	NA	NA
Mean						
23	WALKING_DOWNSTAIRS		ity Accelerom	eter	NA	NA
Mean						
23	WALKING_DOWNSTAIRS	Time Grav	ity Accelerom	eter	NA	NA
Mean	z 54 -0.153671	532259259				
23	WALKING_DOWNSTAIRS	Time Grav	ity Accelerom	eter	NA	NA
SD	x 54 -0.950790	837407407				
23	WALKING DOWNSTAIRS	Time Grav	ity Accelerom	eter	NA	NA
SD	Y 54 -0.939012	54962963	_			
23	WALKING DOWNSTAIRS	Time Grav	itv Accelerom	eter	NA	NA
SD	z 54 -0.905888		4			
23	WALKING DOWNSTAIRS		ity Accelerom	eter	NA	
	itude Mean NA 54		_	0001	1111	
23	WALKING DOWNSTAIRS		ity Accelerom	otor	NA	
	itude SD NA 54	0.2303639	_	ecer	IVA	
_				3.7.7	Maan	v
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	NA	Mean	Χ
54	-0.214730713222222					
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	NA	Mean	Y
54	0.328817010088889					
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	NA	Mean	Z
54	-0.141266888477778					
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	NA	SD	X
54	-0.482598325037037					
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	NA	SD	Y
54	0.12605231802963					
23	WALKING DOWNSTAIRS	Freq NA	Gyroscope NA	NA	SD	Z
54	-0.305896699222222	-				
23	WALKING_DOWNSTAIRS	Freq NA	Gyroscope NA	Magn	itude	Mean
		1	7 .E			

NA	54 0.1508257348425	503						
23	WALKING DOWNSTAIRS		NA	Gyroscope	NA	Magn	itude	SD
NA	54 -0.218930425944	_		-2		5		
23	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	54 0.0746754643666	5667						
23	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	SD
NA	54 -0.039857378018							
23	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
X	54 0.2054282163537		_ ,					
23	WALKING_DOWNSTAIRS	_	воау	Accelerome	eter	NA	NA	Mean
Y 23	54 0.0959432893981 WALKING DOWNSTAIRS		Podu	Aggoloromo	otor	NA	NA	Mean
Z	54 0.2805188775740	_	ьоцу	Acceletome	scer	IVA	IVA	Mean
23	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
X	54 -0.028296247803	_	Doug	11000101111	3001	-11-1	-11-1	
23	WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	54 0.0432283686975	_	-					
23	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
$\mathbf{Z}$	54 0.0947940973814	1815						
23	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
Mean				_				
23	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
SD	NA 54 -0.0453930			Accolomomo	- <del>-</del>	Tomle	3.7.73	Moon
23	WALKING_DOWNSTAIRS 54 0.2015429094944	_	воау	Accelerome	eter	Jerk	NA	Mean
X 23	WALKING DOWNSTAIRS		Body	Accelerome	ator	Jerk	NΙΔ	Mean
Y	54 <b>-0.</b> 072450456277	_	ьосу	Accererone	SCEL	DELK	INT	mean
23			Body	Accelerome	eter	Jerk	NA	Mean
Z	54 0.1577756923777	_						
23	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
X	54 0.0819587190574	1074	_					
23	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Y	54 -0.177697841296	5296						
23	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Z	54 -0.09851956305	_						
23	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	Magn	itude
Mean				Accolomomo	- <del>-</del>	Tomle	Moan	: <b>.</b>
23 SD	WALKING_DOWNSTAIRS NA 54 0.22448050	_	воау	Accelerome	eter	Jerk	Magn	ttuae
23	WALKING UPSTAIRS	Time	NΔ	Gyroscope	NΔ	NA	Mean	Y
51	0.0957940245941176	TIME	IVA	дуговсоре	INT	IVA	Mean	Λ
23	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
51	-0.111564389137255			7 = 2 3 5 5 5 6				
23	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
51	-0.0325557522333333			- <b>-</b>				
23	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
51	-0.550664576666667							

23 51	WALKING_UPSTAIRS Time -0.293681861176471	NA	Gyroscope	NA	NA	SD	Y
23	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
51 23	-0.0317301153392157 WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA 23	51 -0.156527148792745 WALKING UPSTAIRS Time	NΔ	Gyroscope	NΔ	Magn:	itude	SD
NA	51 -0.366732989313725	1171	суговсорс	1471	nagn	Luuc	DD
23	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
51 23	-0.109913094117647 WALKING UPSTAIRS Time	NΑ	Gyroscope	Jerk	NΑ	Mean	Y
51	-0.0523943787039216	-11-1	cyropodpo	00111	-11-1	a	-
23	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
51	-0.0924998531372549						
23	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	X
51 23	-0.548318881568627 WALKING UPSTAIRS Time	37.73	C	Tomle	37.73	CD.	37
23 51	WALKING_UPSTAIRS Time -0.493514122352941	IVA	Gyroscope	Jerk	NA	SD	Y
23	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
51	-0.543765425882353		-7				
23	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	51 -0.504367150588235						
23	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA	51 -0.551275188627451	D - d	3 1		377	377	M = = =
23 X	WALKING_UPSTAIRS Time 51 0.249995171031373	воау	Accelerome	eter	NA	NA	Mean
23		Body	Accelerome	eter	NA	NA	Mean
Y	51 -0.0323844029237255	_				_,	
23	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	Mean
Z	51 -0.126890616782353						
23	<del>_</del>	Body	Accelerome	eter	NA	NA	SD
X	51 -0.243887818513725	D1			373	377	an
23 v	WALKING_UPSTAIRS Time 51 0.0448435785868627	воау	Accelerome	eter	NA	NA	SD
Y 23		Body	Accelerome	oter	NA	NA	SD
Z	51 0.10080118935098	Воау	710001010III		1421	11/21	DD
23	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	Magn	itude
Mean	NA 51 -0.01175368737	84314					
23	WALKING_UPSTAIRS Time	_	Accelerome	eter	NA	Magn	itude
SD	NA 51 -0.27189371411			. 1	<b>-</b> 1-	377	36
23 X	WALKING_UPSTAIRS Time 51 0.0723649984647059	воау	Accelerome	eter	Jerk	NA	Mean
23	WALKING UPSTAIRS Time	Body	Accelerome	eter	Jerk	NΑ	Mean
Y	51 0.039986286827451	Dody	11000101011		SCIN	7477	110411
23	WALKING_UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
$\mathbf{Z}$	51  0.0159234167843137	-					
23	WALKING_UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	SD

```
Х
     51
          -0.365398622764706
23
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
     WALKING UPSTAIRS
Y
          -0.328225031
     51
23
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.408094020392157
23
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          51
                -0.311143885098039
23
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.362708849411765
          51
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean X
          51
                0.843438810196078
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
          51
                -0.214481808235294
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          51
                -0.35593445
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.933344481568627
          51
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          51
                -0.910474557058824
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.902065910392157
          51
23
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.0117536873784314
Magnitude Mean NA
                     51
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.271893714117647
Magnitude SD
               NA
                     51
23
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
51
     -0.430239229235294
23
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
51
     -0.290447408901961
23
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
51
     -0.163001294113725
23
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Х
51
     -0.590430783921569
                                     Gyroscope NA
23
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                               Y
51
     -0.301619977058824
23
                                                               Z
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
51
     -0.0822521122215686
23
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude Mean
                          Freq NA
NA
     51
          -0.380388292223529
23
                                     Gyroscope NA
                                                     Magnitude SD
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.470491576431373
23
                                     Gyroscope Jerk Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.51871565
     51
23
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
     51
          -0.632659461568627
23
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                               Mean
          -0.272605689568627
Х
     51
```

23	WALKING UP	STAIRS	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean
Y	51 -0.07	697739448	03922							
23	WALKING_UP		_	Body	Accel	Lerome	eter	NA	NA	Mean
Z 23	51 -0.07 WALKING UP	057748927		Podv	7 a a a 1	loroma	otor	NA	NA	SD
X	_	430954801	_	ьоцу	Accel	reronie	erer	IVA	IVA	עפ
23	WALKING UP			Body	Acce]	Lerome	eter	NA	NA	SD
Y	_	059740549	_	_						
23	WALKING_UP	STAIRS	Freq	Body	Acce	Lerome	eter	NA	NA	SD
Z		508755759								
23	WALKING_UP		_	_	Acce]	Lerom	eter	NA	Magn	itude
Mean		-0.231382								
23	WALKING_UP		_	_	Acce	Lerome	eter	NA	Magn	itude
SD 23	NA 51 WALKING UP	-0.410047			7000	loroma	ator	Jerk	NT 7N	Mean
X	_	51A1K5 5564251317	_	ьоцу	Accel	reronie	scer	nerk	IVA	Mean
23	WALKING UP			Body	Acce	lerome	eter	Jerk	NΑ	Mean
Y	_	623628762	_	Boay	110001		2001	CCIN	1411	nean
23	WALKING UP			Body	Acce	Lerome	eter	Jerk	NA	Mean
Z	_	660523803	_	_						
23	WALKING_UP	STAIRS	Freq	Body	Accel	Lerome	eter	Jerk	NA	SD
X	51 -0.42	487755333	3333							
23	WALKING_UP		_	Body	Acce]	Lerom	eter	Jerk	NA	SD
Y		089444294		_	_			_		
23	WALKING_UP		_	Body	Acce	Lerome	eter	Jerk	NA	SD
Z 23		895638372		Dods	7.000	lorom	2+22	Tords	Magn	: +d.
23 Mean	WALKING_UP NA 51	-0.302968	_	_	Accel	rerome	scer	perk	Magii.	itude
23	WALKING UP				Acce	lerome	eter	Jerk	Magn	itude
SD	_	<b>-0.</b> 454324	_	_	HCCC	LCLOIII	CCI	OCIK	nagii	Luuc
24	LAYING				NA	NA	Mean	Х		
72	-0.0143679		_							
24	LAYING	Time NA	Gyros	scope	NA	NA	Mean	Y		
72	-0.0955538	053611111								
24	LAYING	Time NA	Gyros	scope	NA	NA	Mean	$\mathbf{Z}$	72	
0.11	17307463333	33								
24		Time NA	Gyros	scope	NA	NA	SD	X		
72	-0.9826517									
24		Time NA	Gyros	scope	NA	NA	SD	Y		
72	-0.9602995		<b>a</b>		373	373	a D	-		
24 72	LAYING -0.9817013	Time NA	Gyros	scope	NA	NA	SD	Z		
24		Time NA	Curo	scope	NT 7A	Magn	itude	Moan	NT 7N	
72	-0.9537915		Gyros	scope	IVA	Magii.	rcude	Mean	IVA	
24		Time NA	Gyros	scope	NA	Magn	itude	SD	NA	
72	-0.9578299		-1-51		-,	~9.11			-,	
24		Time NA	Gyros	scope	Jerk	NA	Mean	X		
			-	-						

```
72
     -0.102813809652778
24
                          Gyroscope Jerk NA
                                                Mean Y
     LAYING
               Time NA
72
     -0.0382323710416667
24
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Z
72
     -0.0624116966805556
24
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
72
     -0.979865720555556
24
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Y
72
     -0.978091312777778
24
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Z
72
     -0.992381595972222
24
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
72
     -0.982780873888889
24
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
72
     -0.978659102222222
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
                                                                72
0.272850494930556
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
72
     -0.0173555210111111
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
72
     -0.107236237236111
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
72
     -0.967984021111111
               Time Body Accelerometer
24
     LAYING
                                          NA
                                                NA
                                                     SD
                                                          Y
72
     -0.983126461944444
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          \mathbf{Z}
72
     -0.973566958888889
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                Magnitude Mean NA
72
     -0.9718540425
24
     LAYING
               Time Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
72
     -0.969354834166667
               Time Body Accelerometer
                                                                72
     LAYING
                                          Jerk NA
                                                     Mean X
0.08072123275
24
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     Mean Y
                                                                72
0.0119819524179167
               Time Body Accelerometer
     LAYING
                                          Jerk NA
                                                     Mean Z
72
     -0.00589225849902778
24
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
72
     -0.98636543375
24
               Time Body Accelerometer
                                                          Υ
     LAYING
                                          Jerk NA
                                                     SD
72
     -0.982430495
24
     LAYING
               Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          \mathbf{Z}
72
     -0.983087366805556
24
               Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
72
     -0.98552927055556
24
               Time Body Accelerometer
                                          Jerk Magnitude SD
     LAYING
                                                                NA
72
     -0.983605927361111
```

24	LAYING Time Gr -0.35929253402777	_	Accel	Lerome	eter	NA	NA	Mean	X
72 24	LAYING Time Gr	avity	Accel	Lerome	eter	NA	NA	Mean	Y
72 24	0.738430699305556 LAYING Time Gr		Accel	Lerome	eter	NA	NA	Mean	Z
72 24	0.683839909722222 LAYING Time Gr		Accel	Lerome	eter	NA	NA	SD	X
72	-0.96041216430555	6							
24 72	LAYING Time Gr -0.99345435805555	-	Accel	Lerome	eter	NA	NA	SD	Y
24 72	LAYING Time Gr -0.97923966819444	-	Accel	Lerome	eter	NA	NA	SD	Z
24		avity	Accel	Lerome	eter	NA	Magni	tude	Mean
NA 24	LAYING Time Gr	avity	Accel	Lerome	eter	NA	Magni	tude	SD
NA 24	72 -0.969354834 LAYING Freq NA		scope	NA	NA	Mean	X		
72 24	-0.97657056402777 LAYING Freq NA		scope	NΙΛ	NA	Mean	v		
72	-0.96611198027777	8	_						
24 72	LAYING Freq NA -0.98109303611111	-	scope	NA	NA	Mean	Z		
24 72	LAYING Freq NA -0.98471328416666	_	scope	NA	NA	SD	X		
24	LAYING Freq NA		scope	NA	NA	SD	Y		
72 24	-0.95779294875 LAYING Freq NA	Gyro	scope	NA	NA	SD	Z		
72 24	-0.98360274569444 LAYING Freq NA		scope	NA	Magni	tude	Mean	NA	
72 24	-0.96400138347222	2	_		_				
72	LAYING Freq NA -0.96136908458333	3	scope		_	Ltude		NA	
24 72	LAYING Freq NA -0.97859674069444		scope	Jerk	Magni	tude	Mean	NA	
24 72	LAYING Freq NA -0.98009698111111	_	scope	Jerk	Magni	tude	SD	NA	
24	LAYING Freq Bo	dy Acce	lerome	eter	NA	NA	Mean	X	
72 24	-0.97589368708333 LAYING Freq Bo	3 dy Accei	lerome	eter	NA	NA	Mean	Y	
72 24	-0.98083036208333 LAYING Freq Bo	3 dy Accei	lerome	eter	NA	NA	Mean	7.	
72	-0.97663481569444	4							
24 72	LAYING Freq Bo -0.96516708180555	dy Acce: 6	rerome	eter	NA	NA	SD	X	
24 72	LAYING Freq Bo -0.98457180847222	dy Accei	lerome	eter	NA	NA	SD	Y	
24		dy Acce	lerome	eter	NA	NA	SD	Z	

```
72
     -0.973057781805556
24
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
     LAYING
72
     -0.973171068055556
24
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
72
     -0.971063024027778
24
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     Mean X
72
     -0.985998546805556
24
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
72
     -0.982140613888889
24
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
72
     -0.981549689583333
24
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
72
     -0.98814051777778
24
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
72
     -0.984124532361111
24
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
72
     -0.983185637916667
24
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
72
     -0.983108084305556
24
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
72
     -0.98328511625
24
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
68
     -0.0356229619955882
24
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
68
     -0.0750132697044118
24
               Time NA
                                                          68
     SITTING
                          Gyroscope NA
                                          NA
                                               Mean Z
0.0800440230882353
               Time NA
                          Gyroscope NA
2.4
     SITTING
                                          NA
                                               SD
                                                     Х
     -0.988111648676471
68
24
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
68
     -0.977954005147059
24
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
68
     -0.971277654117647
24
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
68
     -0.964633252352941
24
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
68
     -0.969257162647059
24
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
     -0.0951782658382353
68
24
               Time NA
                          Gyroscope Jerk NA
     SITTING
                                               Mean Y
68
     -0.040616936
24
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
     -0.051596655125
68
     SITTING
24
                          Gyroscope Jerk NA
               Time NA
                                               SD
                                                     X
68
     -0.991442007794118
24
                                                     Y
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                               SD
68
     -0.989780810588235
```

24 68	SITTING -0.9898503		_	scope	Jerk	NA	SD	Z		
24	SITTING	Time NA		scope	Jerk	Magn	itude	Mean	NA	
68	-0.991306	424705882								
24	SITTING		Gyros	scope	Jerk	Magn	itude	SD	NA	
68	-0.990724									
24	SITTING	Time Bod	y Accei	lerome	eter	NA	NA	Mean	X	68
	34756901470		_	_						
24	SITTING		_	lerome	eter	NA	NA	Mean	Y	
68	-0.013125								_	
24	SITTING		y Acce.	Lerome	eter	NA	NA	Mean	Z	
68	-0.1030410		·· 7~~	1	- <del>-</del>	3.7.73	<b>3.</b> 7.70	CD	v	
24	SITTING			rerome	eter	NA	NA	SD	X	
68 24	-0.990593			1	- <del>-</del>	3.7.73	<b>3.</b> 7.70	CD	37	
68	SITTING -0.9562559		y Acce.	rerome	erer	NA	NA	SD	Y	
24	SITTING		77 Aggo	loroma	otor	NA	NA	SD	Z	
68	-0.957056		y Acce.	reronie	scer	IVA	IVA	עט	ப	
24	SITTING		v Acce	laroma	a+or	NA	Magn	i +11da	Mean	NΙΔ
68	-0.968979		у лосе.	LELOIN	SCCI	INT	Magii	Lcude	Hean	INT
24		Time Bod	v Acce	lerome	eter	NA	Magn	itude	SD	NA
	-0.963779		-	LCI OIII	CCI	1421	iiugii.	Lcuuc	DD	1421
24	SITTING			lerome	eter	Jerk	NA	Mean	X	68
	63318528529		,							
24	SITTING		y Acce	lerome	eter	Jerk	NA	Mean	Y	68
0.004	47670257574		_							
24	SITTING		y Acce	lerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
68	-0.001133	001714264	71							
24	SITTING	Time Bod	y Accei	lerome	eter	Jerk	NA	SD	X	
68	-0.9885643	382205882								
24	SITTING	Time Bod	y Acce	lerome	eter	Jerk	NA	SD	Y	
68	-0.979573	678088235								
24	SITTING		y Accei	lerome	eter	Jerk	NA	SD	$\mathbf{Z}$	
68	-0.9846629									
24	SITTING		y Acce	lerome	eter	Jerk	Magn	itude	Mean	NA
68	-0.9855558									
24	SITTING		y Accei	lerome	eter	Jerk	Magn	itude	SD	NA
68	-0.985418		_	_	_					
24	SITTING		vity	Acce.	Lerome	eter	NA	NA	Mean	X
68	0.91963760									
24	SITTING		vity	Acce.	Lerome	eter	NA	NA	Mean	Y
68	0.1822546			7	1		37.7	37.7	M	
24	SITTING		vity	Acce.	Lerome	eter	NA	NA	Mean	Z
68 24	0.10955962 SITTING	21020588 Time Gra	i +	7000	loroma	2+05	NT 7N	NT 7N	GD.	v
24 68	-0.989660		vтсХ	ACCE.	Lerome	= LeI	NA	NA	SD	X
24	SITTING		37 i + 37	Acce	laroma	a+or	NA	NA	SD	Y
<b>24</b>	PITITING	TIME GIG	νтсу	ACCE.	reroille	FCET	INT	INT	עמ	I

```
68
     -0.971692544705882
24
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NΑ
                                                           SD
                                                                \mathbf{Z}
68
     -0.963406795735294
24
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
     68
          -0.968979156470588
NA
                Time Gravity
24
     SITTING
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     68
          -0.963779683235294
24
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean X
68
     -0.985676523823529
24
     SITTING
                          Gyroscope NA
                                           NA
                                                Mean Y
                Freq NA
68
     -0.981200181176471
24
     SITTING
                          Gyroscope NA
                                                Mean Z
               Freq NA
                                           NA
68
     -0.974686891029412
24
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
68
     -0.988891551764706
24
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
68
     -0.976252427794118
24
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     7.
68
     -0.972851787647059
24
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
68
     -0.977973720735294
24
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
68
     -0.969105899117647
24
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
68
     -0.990854751176471
24
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                           NA
68
     -0.990933058235294
24
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
     -0.989529506764706
68
24
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean Y
68
     -0.962773200147059
24
                Freq Body Accelerometer
     SITTING
                                           NA
                                                NA
                                                     Mean Z
68
     -0.966991781176471
                Freq Body Accelerometer
24
     SITTING
                                           NA
                                                NA
                                                     SD
                                                           Χ
68
     -0.991100005441176
24
                Freq Body Accelerometer
                                                           Y
     SITTING
                                           NA
                                                NA
                                                     SD
68
     -0.954998005147059
24
     SITTING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     SD
                                                           Z
68
     -0.954402697794118
24
                Freq Body Accelerometer
                                                Magnitude Mean NA
     SITTING
                                          NA
68
     -0.968905031470588
24
                Freq Body Accelerometer
                                                Magnitude SD
     SITTING
                                          NA
                                                                NA
68
     -0.965852262058824
                Freq Body Accelerometer
24
     SITTING
                                           Jerk NA
                                                     Mean X
68
     -0.988857403235294
24
                Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                     Mean Y
     -0.979228238382353
68
```

```
Freq Body Accelerometer
24
     SITTING
                                          Jerk NA
                                                    Mean Z
68
     -0.981971300147059
               Freq Body Accelerometer
24
                                          Jerk NA
                                                    SD
                                                          Χ
     SITTING
68
     -0.9892888075
24
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    SD
                                                          Υ
68
     -0.981550132794118
24
               Freq Body Accelerometer
                                                    SD
                                                          Z
     SITTING
                                          Jerk NA
68
     -0.986008449264706
24
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
68
     -0.984469962941177
24
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                               NA
68
     -0.98561372
24
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
69
     -0.0278611511434783
                          Gyroscope NA
24
     STANDING
               Time NA
                                          NA
                                               Mean Y
69
     -0.0692546674492754
24
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          69
                                          NA
0.077124614942029
24
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
69
     -0.960738660289855
24
                          Gyroscope NA
                                                    Y
     STANDING
               Time NA
                                          NA
                                               SD
69
     -0.967298518695652
24
                          Gyroscope NA
                                               SD
                                                    Z
     STANDING
               Time NA
                                          NA
69
     -0.969958678115942
24
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
69
     -0.954518594057971
24
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
69
     -0.95310477884058
               Time NA
24
     STANDING
                          Gyroscope Jerk NA
                                               Mean X
69
     -0.0991947719855072
24
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
69
     -0.0431738608
24
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
69
     -0.0517180379565217
24
                          Gyroscope Jerk NA
                                                    Х
     STANDING
               Time NA
                                               SD
69
     -0.975856809130435
24
                          Gyroscope Jerk NA
     STANDING
               Time NA
                                               SD
                                                    Υ
69
     -0.981983572028985
24
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Z
69
     -0.983276883478261
24
                          Gyroscope Jerk Magnitude Mean NA
     STANDING
               Time NA
69
     -0.982387268985507
24
     STANDING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
69
     -0.979995718695652
               Time Body Accelerometer
24
     STANDING
                                          NA
                                               NA
                                                    Mean X
                                                               69
0.280348883913043
24
     STANDING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
```

69	-0.014478534034	12026							
24	STANDING Time		Accel	lerometer	nA	NA	Mean	7.	
69	-0.108222553855	_	110001			1111	mair	_	
24	STANDING Time		Acce]	Lerometer	nA	NA	SD	X	
69	-0.987255871159	942							
24	STANDING Time	Body	Acce]	Lerometer	nA	NA	SD	Y	
69	-0.936871974347	7826							
24	STANDING Time		Acce]	Lerometer	nA .	NA	SD	Z	
69	-0.930283530144								
24	STANDING Time	_	Acce]	Lerometer	nA	Magn	itude	Mean	NA
69	-0.950061017681							<b>a</b> 5	
24	STANDING Time	_	Accel	Lerometei	nA	Magn	itude	SD	NA
69 24	-0.947901011739		7~~~		. To-sale	377	Moon	v	60
24	STANDING Time 46177416521739	воцу	Accel	Lerometer	. Jerk	NA	Mean	Λ	69
24	STANDING Time	Body.	7.cce]	laromatar	Jerk	NΤΛ	Mean	v	69
	09839689101449	воау	ACCE	reromerer	. OEIV	IVA	Mean	1	09
24	STANDING Time	Body	Accel	lerometer	Jerk	NΑ	Mean	7.	
69	-0.003587749049	_				1111	mair	_	
24	STANDING Time			Lerometer	Jerk	NA	SD	Х	
69	-0.980573836811	-							
24	STANDING Time	Body	Acce]	Lerometer	Jerk	NA	SD	Y	
69	-0.967745638695	652							
24	STANDING Time	Body	Acce]	Lerometer	Jerk	NA	SD	Z	
69	-0.977716354927	7536							
24	STANDING Time	Body	Acce]	Lerometer	Jerk	Magn	itude	Mean	NA
69	-0.977620953913								
24		_	Acce]	Lerometer	Jerk	Magn	itude	SD	NA
69	-0.973108343043			_					
24	STANDING Time	Gravi	_ty	Accelero	ometer	NA	NA	Mean	X
69	0.96644228	~ .							
24	STANDING Time		_ty	Accelero	ometer	NA	NA	Mean	Y
69 24	-0.145201300942		<b>_</b>	7 ~ ~ ~ 1 ~ ~ ~		37.73	NT 70	Moon	П
24 69	STANDING Time -0.053058540353		LТУ	Accelero	ometer	NA	NA	Mean	Z
24	STANDING Time		+ 37	Accelero	motor	NA	NA	SD	X
69	-0.992197591884		LCY	Acceleto	JIIIE CET	IVA	IVA	שט	Λ
24	STANDING Time		tv	Accelero	meter	NA	NA	SD	Y
69	-0.968155388695		- o <u>y</u>	110001010	JIIIC CCI	1421	1111	O.D	-
24	STANDING Time		Ltv	Accelero	ometer	NA	NA	SD	Z
69	-0.946184949420		4						
24	STANDING Time	Gravi	Lty	Accelero	ometer	NA	Magn	itude	Mean
NA	69 -0.9500610	17681	159						
24	STANDING Time	Gravi	ty	Accelero	ometer	NA	Magn	itude	SD
NA	69 -0.9479010	11739	913						
24	STANDING Freq	NA	Gyros	scope NA	NA	Mean	X		
69	-0.958540187246	5377							

```
24
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
69
     -0.970426493768116
24
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Z
69
     -0.970133388405797
24
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Х
69
     -0.961885695217391
24
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Y
69
     -0.965798055507246
24
     STANDING Freq NA
                         Gyroscope NA
                                              SD
                                                   \mathbf{Z}
                                         NA
69
     -0.972688652173913
     STANDING Freq NA
24
                         Gyroscope NA
                                         Magnitude Mean NA
69
     -0.963922314202899
     STANDING Freq NA
24
                         Gyroscope NA
                                         Magnitude SD
                                                         NA
69
     -0.954407176956522
24
                         Gyroscope Jerk Magnitude Mean NA
     STANDING Freq NA
69
     -0.981119237826087
24
                         Gyroscope Jerk Magnitude SD
     STANDING Freq NA
                                                         NA
69
     -0.9797551
24
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
69
     -0.984183633623188
24
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Y
69
     -0.948970158405797
24
               Freq Body Accelerometer
                                                   Mean Z
     STANDING
                                         NA
                                              NA
69
     -0.953817599275362
24
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   SD
                                                        Х
69
     -0.988851853478261
24
     STANDING Freq Body Accelerometer
                                                   SD
                                                         Y
                                         NA
                                              NA
69
     -0.934454791304348
     STANDING Freq Body Accelerometer
24
                                         NA
                                              NA
                                                   SD
                                                         Z
69
     -0.923802467681159
24
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
69
     -0.960066088115942
24
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                              NA
69
     -0.949522556376812
24
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean X
69
     -0.98116164057971
24
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Y
69
     -0.967720592463768
24
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                   Mean Z
69
     -0.974170468405797
24
     STANDING Freq Body Accelerometer
                                                   SD
                                                        Х
                                         Jerk NA
69
     -0.981721691014493
               Freq Body Accelerometer
24
     STANDING
                                         Jerk NA
                                                   SD
                                                         Y
69
     -0.970228184202899
24
     STANDING
               Freq Body Accelerometer
                                         Jerk NA
                                                   SD
                                                         Z
69
     -0.979936740869565
24
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
```

60	0 072251255217201							
69 24	-0.972251355217391 STANDING Freq Body	Accelerome	ter	Jerk	Magn	itude	SD	NA
69	-0.973195509565217	necesesome	CCI	OCIA	nagn	Leade	DD	1421
24	WALKING Time NA	Gyroscope	NA	NA	Mean	X		
58	-0.0545126870724138	1						
24	WALKING Time NA	Gyroscope	NA	NA	Mean	Y		
58	-0.0658435879913793							
24	WALKING Time NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$	58	
	72006320344828							
24	WALKING Time NA	Gyroscope	NA	NA	SD	X		
58	-0.580597373275862							
24	WALKING Time NA	Gyroscope	NA	NA	SD	Y		
58	-0.487166280172414				<b>a</b> 5	_		
24	WALKING Time NA -0.396154003275862	Gyroscope	NA	NA	SD	Z		
58 24	WALKING Time NA	Curagana	NT 7N	Magn	+1140	Mean	NT 70	
58	-0.403064156896552	Gyroscope	NA	Magn	Luue	Mean	NA	
24	WALKING Time NA	Gyroscope	NΔ	Magni	itude	SD	NA	
58	-0.563863212586207	dyroscope	1421	nagiii	Lcuuc	DD	1471	
24	WALKING Time NA	Gyroscope	Jerk	NA	Mean	X		
58	-0.0625311679982759	0/1020000	00111	-11-1	110411			
24	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Y		
58	-0.0502895008551724	1 1						
24	WALKING Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
58	-0.0739835516362069							
24	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
58	-0.490773455517241							
24	WALKING Time NA	Gyroscope	Jerk	NA	SD	Y		
58	-0.514246569655172							
24	WALKING Time NA	Gyroscope	Jerk	NA	SD	$\mathbf{Z}$		
58	-0.557968202931034	<b>G</b>	<b>T</b> 1-	36 3		37	377	
24	WALKING Time NA	Gyroscope	Jerk	Magni	Ltude	Mean	NA	
58 24	-0.507824745862069 WALKING Time NA	Curagana	Tork	Magn	+1140	CD	NT 70	
58	WALKING Time NA -0.556022765862069	Gyroscope	nerk	Magii	Luue	עמ	NA	
24		Accelerome	tor	NA	NA	Mean	v	58
	5980816034483	Accererone	CCI	IVA	IVA	riean	Λ	30
24		Accelerome	eter	NA	NA	Mean	Y	
58	-0.0225446400534483	11000101111	2001	-11-1	-11-1	110411	-	
24		Accelerome	eter	NA	NA	Mean	Z	
58	-0.110595952913793							
24	WALKING Time Body	Accelerome	eter	NA	NA	SD	Х	
58	-0.47076236637931							
24	WALKING Time Body	Accelerome	eter	NA	NA	SD	Y	
58	-0.154127498163793							
24	<del>-</del>	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
58	-0.288840016206897							

24 58	WALKING -0.2999830		_	Accel	.erome	eter	NA	Magni	tude	Mean	NA
24	WALKING			Accel	.erome	eter	NA	Magni	tude	SD	NA
58	-0.4810640		_					,			
24	WALKING	Time		Accel	erome	eter	Jerk	NA	Mean	X	58
0.073	31938975362	2069									
24	WALKING	Time	Body	Accel	erome	eter	Jerk	NA	Mean	Y	58
0.012	2125459103	4483									
24	WALKING		_	Accel	erome	eter	Jerk	NA	Mean	Z	
58	-0.011640										
24	WALKING		_	Accel	erome	eter	Jerk	NA	SD	X	
58	-0.4858632										
24	WALKING		_	Accel	erome	eter	Jerk	NA	SD	Y	
58	-0.302220	161206	897								
24	WALKING		_	Accel	erome	eter	Jerk	NA	SD	Z	
58	-0.491189	466034	483								
24	WALKING		_	Accel	erome	eter	Jerk	Magni	tude	Mean	NA
58	-0.3997222	201034	483								
24	WALKING			Accel	erome	eter	Jerk	Magni	tude	SD	NA
58	-0.409824	562586	207								
24	WALKING	Time	Gravi	.ty	Acce]	Lerome	eter	NA	NA	Mean	X
58	0.95970108	813793	1								
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	NA	Mean	Y
58	-0.1151162	241810	345								
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	NA	Mean	$\mathbf{Z}$
58	-0.140910	029827	586								
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	NA	SD	X
58	-0.983132	400344	828								
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	NA	SD	Y
58	-0.9625788	844310	345								
24	WALKING	Time	Gravi	.ty	Acce]	Lerome	eter	NA	NA	SD	$\mathbf{Z}$
58	-0.9628229	966551	724								
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	Magn	itude	Mean
NA	58 -0.29	999836	13965	517							
24	WALKING	Time	Gravi	ty	Acce]	Lerome	eter	NA	Magn	itude	SD
NA	58 -0.48	310640	18620	69					_		
24	WALKING	Freq	NA	Gyros	cope	NA	NA	Mean	X		
58	-0.4682950	_		-	-						
24	WALKING	Freq	NA	Gyros	cope	NA	NA	Mean	Y		
58	-0.479841	_		-	-						
24	WALKING	Freq	NA	Gyros	cope	NA	NA	Mean	Z		
58	-0.3914479	921379		-	-						
24	WALKING	Freq	NA	Gyros	cope	NA	NA	SD	X		
58	-0.6169158	_		-	-						
24	WALKING	Freq		Gyros	cope	NA	NA	SD	Y		
58	-0.4958962	_		_	-						
24	WALKING	Freq		Gyros	cope	NA	NA	SD	Z		
		_			-						

```
58
     -0.453337858448276
24
                                          Magnitude Mean NA
     WALKING
               Freq NA
                          Gyroscope NA
58
     -0.534509163793103
24
     WALKING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
58
     -0.668032801896552
24
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Freq NA
58
     -0.571594392068966
24
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
58
     -0.567447731896552
24
     WALKING
               Freq Body Accelerometer
                                               NA
                                                     Mean X
                                          NA
58
     -0.492419802586207
24
     WALKING
               Freq Body Accelerometer
                                                     Mean Y
                                          NA
                                               NA
58
     -0.203193741396552
24
     WALKING
               Freq Body Accelerometer
                                               NA
                                                     Mean Z
                                          NA
     -0.344493013448276
58
24
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
58
     -0.462733639137931
24
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
58
     -0.182766476862069
24
     WALKING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          \mathbf{Z}
58
     -0.314646918448276
24
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
58
     -0.434618912068966
24
     WALKING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
58
     -0.590265845517241
24
                                          Jerk NA
     WALKING
               Freq Body Accelerometer
                                                     Mean X
58
     -0.509628168793103
24
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
58
     -0.352829307068966
24
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
58
     -0.469920224310345
24
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
58
     -0.507640734482759
               Freq Body Accelerometer
24
     WALKING
                                          Jerk NA
                                                     SD
                                                          Υ
58
     -0.294353545672414
24
               Freq Body Accelerometer
                                                          Z
     WALKING
                                          Jerk NA
                                                     SD
58
     -0.511115619482759
24
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
58
     -0.418641046896552
24
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
58
     -0.40297998362069
24
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                          Mean X
                                                     NA
55
     -0.0867069010690909
24
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
55
     -0.0542300245127273
     WALKING DOWNSTAIRS
24
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
55
     0.111973650603636
```

24	WALKING_DOWNSTAIRS Time -0.431919067945455	NA	Gyroscope	NA	NA	SD	x
55 24	WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	SD	Y
55 24	-0.484673524 WALKING_DOWNSTAIRS Time	NA	Gyroscope	NA	NA	SD	Z
55 24	-0.491077244909091 WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	Magni	tude	Mean
NA 24	55 -0.304965806363636 WALKING DOWNSTAIRS Time	NA	Gyroscope	NA	Magni	tude	SD
NA 24	55 -0.3636948774 WALKING DOWNSTAIRS Time		Gyroscope			Mean	
55	-0.0914145014654545						
24 55	WALKING_DOWNSTAIRS Time -0.0291766311418182	NA	Gyroscope	Jerk	NA	Mean	Y
24 55	WALKING_DOWNSTAIRS Time -0.0412055411490909	NA	Gyroscope	Jerk	NA	Mean	Z
24 55	WALKING_DOWNSTAIRS Time -0.358444550225455	NA	Gyroscope	Jerk	NA	SD	X
24	WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Y
55 24	-0.519326735090909 WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	Z
55 24	-0.478690941272727 WALKING_DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magni	tude	Mean
NA 24	55 -0.497152238363636 WALKING DOWNSTAIRS Time	NA	Gyroscope	Jerk	Magni	tude	SD
NA 24	55 -0.459159852363636				NA	NA	Mean
X	55 0.288631208909091	_	Accelerome				
24 Y	WALKING_DOWNSTAIRS Time 55 -0.0145730348310909	Body	Accelerome	eter	NA	NA	Mean
24 Z	WALKING_DOWNSTAIRS Time 55 -0.104818820272727	Body	Accelerome	eter	NA	NA	Mean
24	WALKING_DOWNSTAIRS Time 55 -0.08273248054	Body	Accelerome	eter	NA	NA	SD
X 24	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Y 24	<b>—</b>	Body	Accelerome	eter	NA	NA	SD
Z 24	55 -0.205566380745455 WALKING DOWNSTAIRS Time	Body	Accelerome	eter	NA	Magni	itude
Mean 24	NA 55 -0.073769916307 WALKING DOWNSTAIRS Time		Accelerome	eter	NA	Magni	itude
SD	NA 55 -0.022483912285	4545				_	
24 X	WALKING_DOWNSTAIRS Time 55 0.0802619828545455	_			Jerk		Mean
24 Y	WALKING_DOWNSTAIRS Time 55 -0.00447316273690909	_	Accelerome	eter	Jerk	NA	Mean
24	WALKING_DOWNSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean

```
Z
     55
          -0.00846915857363636
24
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
     55
          -0.337218894
24
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.169291887741818
24
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.290239376563636
24
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
                -0.263106944836364
Mean NA
          55
24
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.143501970018182
     NA
          55
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean X
          55
                0.950883416727273
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
          55
                -0.128326710927273
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          55
                -0.140123155018182
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          55
                -0.961845327454545
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.941478979454546
          55
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.942207718727273
          55
24
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.0737699163072727
Magnitude Mean NA
                     55
                          Time Gravity
     WALKING DOWNSTAIRS
                                          Accelerometer
                                                          NA
                          -0.0224839122854545
Magnitude SD
               NA
24
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
55
     -0.272469211854545
24
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
55
     -0.433475431818182
24
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
55
     -0.396286646363636
                                     Gyroscope NA
24
     WALKING DOWNSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                               Х
55
     -0.484894683818182
24
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Y
55
     -0.523412701636364
24
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               \mathbf{z}
                          Freq NA
55
     -0.573281905454545
24
                                     Gyroscope NA
                                                     Magnitude Mean
     WALKING DOWNSTAIRS
                          Freq NA
NA
          -0.374298686727273
24
                                     Gyroscope NA
                                                     Magnitude SD
     WALKING DOWNSTAIRS
                          Freq NA
NA
     55
          -0.470147270181818
                                     Gyroscope Jerk Magnitude Mean
24
     WALKING DOWNSTAIRS
                          Freq NA
NA
     55
          -0.474449925818182
24
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
          -0.478030486181818
NA
```

24	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
X 24	55 -0.22232429345 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Y 24	55 -0.08618297524 WALKING DOWNSTAIRS		Rody	Accelerome	tor	NA	NA	Mean
Z	55 <b>-0.</b> 17382508358	_	Боау	Acceletome	CEL	IVA	IVA	Mean
24	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
X 24	55 -0.03490859467 WALKING DOWNSTAIRS		Body	Accelerome	ter	NA	NA	SD
Y	55 <b>-0.</b> 16919114752	_	boay	necercione	CCI	1471	1411	DD
24	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Z	55 -0.29155382238							
24	WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
Mean	NA 55 -0.023170	162660	03636					
24	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD	NA 55 -0.175291	708678	8182					
24	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
X	55 -0.37617579490	9091						
24	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
Y	55 -0.2258243574	_	_					
24	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
Z	55 -0.25000018338	1818	_					
24	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
X	55 <b>-</b> 0.355930598	-	-					
24	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	SD
Y	55 -0.16362680763	_	-					
24	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Z	55 -0.32856996854	_	-					
24	WALKING DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude
Mean	<b>—</b>	_	_				,	
24	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	Magn	itude
SD	NA 55 -0.082755	_	_				,	
24	WALKING_UPSTAIRS			Gyroscope	NA	NA	Mean	X
59	0.0883163772152542			7 1				
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
59	-0.105932947294915			7 1	-			
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
59	0.0248290702830508			-7				_
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Х
59	-0.577426408813559			-7				
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
59	-0.568534124576271			, <u>.</u>				
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Z
59	-0.27459628379661			7	=	-==	_	
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	59 -0.33443583979			130-60		g <b></b> -		
24	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
-	· ·			7	=	g <b></b> -		=

NA	59 -0.503929060169492					
24	WALKING UPSTAIRS Time N	Α	Gyroscope Jerk	NA	Mean	X
59	-0.146800845605424					
24	WALKING_UPSTAIRS Time N	Α	Gyroscope Jerk	NA	Mean	Y
59	-0.0317350582050847					
24	WALKING_UPSTAIRS Time N	Α	Gyroscope Jerk	NA	Mean	Z
59	-0.0498427228983051					
24	WALKING_UPSTAIRS Time N	Α	Gyroscope Jerk	NA	SD	X
59	-0.640489537966102		_			
24	WALKING_UPSTAIRS Time N	Α	Gyroscope Jerk	NA	SD	Y
59	-0.646644373728814		- 1		~-	_
24	WALKING_UPSTAIRS Time N	Α	Gyroscope Jerk	NA	SD	Z
59 24	-0.648975330847458	. 73	C T	M =		Mana
24	WALKING_UPSTAIRS Time N 59 -0.658751629152542	Α	Gyroscope Jerk	Magni	Ltuae	Mean
NA		17\	Curoggono Tork	Magni	+1140	CD
24 NA	WALKING_UPSTAIRS Time N 59 -0.638180352881356	Α	Gyroscope Jerk	Magiii	Luue	שמ
NA 24		odv	Accelerometer	NA	NA	Mean
X	59 0.269881106779661	ouy	Accelelometel	IVA	IVA	Mean
24		rods.	Accelerometer	NA	NA	Mean
Y	59 -0.0251979434569492	ouy	Accelerometer	IVA	IVA	nean
24		vbo	Accelerometer	NA	NA	Mean
Z	59 -0.114248610966102	ouj	110001010110110001	1111	1111	nean
24		odv	Accelerometer	NA	NA	SD
X	59 -0.344399351355932	1				
24		ody	Accelerometer	NA	NA	SD
Y	59 -0.116804488966102	-				
24	WALKING UPSTAIRS Time B	ody	Accelerometer	NA	NA	SD
$\mathbf{Z}$	59 -0.255601012881356	_				
24	WALKING_UPSTAIRS Time B	ody	Accelerometer	NA	Magni	itude
Mean	NA 59 -0.2264028220338	98				
24	<del>_</del>	ody	Accelerometer	NA	Magni	itude
SD	NA 59 -0.30685447					
24	<del>_</del>	ody	Accelerometer	Jerk	NA	Mean
X	59 0.0862310100338983					
24	WALKING_UPSTAIRS Time B	ody	Accelerometer	Jerk	NA	Mean
Y	59 -0.0150816047830508					
24	<u> </u>	ody	Accelerometer	Jerk	NA	Mean
Z	59 -0.0132353651798305	_	_	_		
24	WALKING_UPSTAIRS Time B	ody	Accelerometer	Jerk	NA	SD
X	59 -0.49876467220339			- 1		an.
24	WALKING_UPSTAIRS Time B	oay	Accelerometer	Jerk	NA	SD
Y 24	59 -0.51522075220339	00	Aggoloromotor	Torale	NT 7N	CD
24	WALKING_UPSTAIRS Time B 59 -0.523807264237288	ouy	Accelerometel	Jerk	MA	SD
Z 24	59 -0.523807264237288 WALKING UPSTAIRS Time B	od <sub>17</sub>	Acceleromotor	Jork	Magn	i + ude
24 Mean	<b>—</b>	_	VCCETETOWETEL	OETY	mayıı	Luue
rieaii	NA 33 -0.40040/0203004	13				

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Time Body Accelerometer Jerk Magnitude
24
     WALKING UPSTAIRS
SD
               -0.441068689830508
24
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NΑ
Mean X
          59
                0.906369500508475
24
                                          Accelerometer
     WALKING UPSTAIRS
                          Time Gravity
                                                          NA
                                                               NA
Mean Y
                -0.237498409152542
24
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Z
          59
                -0.227134869152542
24
     WALKING UPSTAIRS
                                          Accelerometer
                          Time Gravity
                                                          NA
                                                               NA
SD
          59
                -0.962190567457627
24
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                          NA
                                                               NA
SD
          59
               -0.916690779830509
24
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          59
                -0.934952938983051
24
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
Magnitude Mean NA
                          -0.226402822033898
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
Magnitude SD
               NA
                          -0.30685447
24
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
59
     -0.503188684915254
24
     WALKING UPSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     NA
                                                          Mean Y
59
     -0.546620981186441
24
                                     Gyroscope NA
                                                          Mean Z
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
59
     -0.372182912033898
24
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Х
59
     -0.602945480677966
24
                                     Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                               Y
59
     -0.586177824237288
                                     Gyroscope NA
24
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                               Z
59
     -0.311996408983051
24
     WALKING UPSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     Magnitude Mean
NA
          -0.564664994745763
24
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude SD
                          Freq NA
NA
     59
          -0.54907099
24
                                     Gyroscope Jerk Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
          -0.64611467
NA
24
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
          -0.653876950677966
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Х
     59
          -0.395790553898305
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Y
          -0.252412541966102
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                               Mean
                                                          NA
\mathbf{Z}
          -0.312792211016949
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Х
          -0.326165553050847
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                               SD
                                                     NA
                                                          NA
```

```
Y
     59
          -0.107787679328814
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                           NA
                                                                SD
Z
     59
          -0.28314344338983
2.4
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                           Magnitude
          59
                -0.322300989322034
Mean NA
                          Freq Body Accelerometer
24
     WALKING UPSTAIRS
                                                     NA
                                                           Magnitude
SD
                -0.406283377627119
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Х
          -0.515644617288136
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Y
     59
          -0.527604243559322
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
\mathbf{Z}
          -0.48339098779661
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Х
          -0.527104719152542
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.535843319152542
2.4
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.562727123050847
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                -0.429800778813559
Mean NA
           59
24
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
          59
                -0.45964779779661
     NA
25
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean X
                                                           73
0.00372723459589041
25
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Y
73
     -0.0716401726150685
                                                Mean Z
2.5
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                           73
0.139718671465753
25
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
73
     -0.889769639726027
25
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
73
     -0.936630803287671
25
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                      \mathbf{Z}
73
     -0.91092799
25
     LAYING
                Time NA
                          Gyroscope NA
                                           Magnitude Mean NA
73
     -0.809688545342466
25
     LAYING
                Time NA
                          Gyroscope NA
                                           Magnitude SD
                                                           NA
73
     -0.856017369726027
25
                          Gyroscope Jerk NA
     LAYING
                Time NA
                                                Mean X
73
     -0.101646999342466
25
     LAYING
                Time NA
                           Gyroscope Jerk NA
                                                Mean Y
73
     -0.0426718870280822
25
                          Gyroscope Jerk NA
     TAYTNG
                Time NA
                                                Mean Z
73
     -0.0596922147205479
25
                          Gyroscope Jerk NA
     LAYING
                Time NA
                                                     Χ
                                                SD
73
     -0.957381145068493
```

25	LAYING			Gyros	cope	Jerk	NA	SD	Y		
73	-0.971564			<b>a</b>		- 1		a D	_		
25	LAYING			Gyros	cope	Jerk	NA	SD	Z		
73	-0.974242			G		T1-	M =		M = = ==	377	
25	LAYING			Gyros	cope	Jerk	Magni	Ltuae	Mean	NA	
73	-0.969783			C	~~~	Tomle	Moan	٠	CD	377	
25 73	LAYING -0.968309			Gyros	cope	Jerk	Magni	Ltuae	SD	NA	
73 25	LAYING			7 0001	oromo	tor	NA	NA	Moan	v	73
	1411NG 0791828613		ьоцу	Accer	erome	ecer	NA	NA	Mean	Λ	13
25	LAYING		Rody	Accel	oromo	tor	NA	NA	Mean	v	
73	-0.018894			ACCEI	er Ome	CEI	IVA	IVA	Mean	1	
75 25	LAYING			Accel	oromo	tor	NA	NA	Mean	7	
73	-0.100428			Accer	erome	cer	IVA	IVA	Mean	ப	
75 25	LAYING			7.0001	oromo	tor	NA	NA	SD	Х	
73	-0.909116		_	Accer	erome	cer	IVA	IVA	עמ	Λ	
7 3 2 5				7 0001	oromo	tor	NA	NA	SD	Y	
73	LAYING -0.691770		_	Accel	erome	ecer	NA	NA	עמ	ĭ	
7 5 2 5				7.0001	oromo	+-~	<b>3.T.7</b> 3	<b>3.T.7</b> 3	CD	7	
73	LAYING -0.717262		_	Accel	erome	ecer	NA	NA	SD	Z	
73 25				7.0001	oromo	+-~	<b>3.T.7</b> 3	Magn	: <b>+</b> d.o	Moon	NT 7N
73	LAYING -0.560477		_	Accel	erome	ecer	NA	Magii.	itude	Mean	NA
7 3 2 5				7 0001	oromo	tor	NT 70	Magn	+1140	CD.	NT 7N
73	LAYING -0.649254		_	Accel	erome	ecer	NA	Magii.	itude	שפ	NA
7 3 2 5				7.0001	oromo	+-~	Tords	<b>3.T.7</b> 3	Moon	v	73
	LAYING		воцу	Accel	erome	ecer	Jerk	NA	Mean	Λ	73
	7907168767		Dodre	7.0001	oromo	+-~	Tords	<b>3.T.7</b> 3	Moon	v	73
25	LAYING		Body	Accel	erome	eter	Jerk	NA	Mean	Y	73
	3461931152		Dode	7~~~1		+	Totale	3.7.73	Maan	17	
25			_	Accer	erome	eter	Jerk	NA	Mean	Z	
73				7~~~1		+	Totale	3.7.73	CD	V	
	LAYING		_	Accei	erome	eter	Jerk	NA	SD	X	
	-0.973323			77			T1-	377	an.	37	
	LAYING		_	Accei	erome	eter	Jerk	NA	SD	Y	
73	-0.945687			77			T1-	377	an.		
25	LAYING		Body	Accel	erome	eter	Jerk	NA	SD	Z	
73	-0.967835						<b>-</b> 1				
25	LAYING		_	Accel	erome	eter	Jerk	Magn	Ltude	Mean	NA
73							<b>-</b> 1			a D	
25	LAYING		_	Accel	erome	eter	Jerk	Magn	Ltude	SD	NA
73	-0.961931										
25	LAYING			.ty	Accel	erome	eter	NA	NA	Mean	Х
73	-0.461102										
25	LAYING			.ty	Accel	erome	eter	NA	NA	Mean	Y
73	0.6206589				<b>.</b>			377		3.5	-
25				тy	Accel	erome	eter	NA	NA	Mean	Z
	0.5263538				3 - <sup>3</sup>			377	373	a D	.,
25	LAYING	Time	Gravi	tу	Accel	erome	eter	NA	NA	SD	Х

```
73
     -0.829554947808219
25
     LAYING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Y
73
     -0.643578361424658
25
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Z
73
     -0.610161166287671
25
                Time Gravity
     LAYING
                               Accelerometer
                                               NA
                                                     Magnitude Mean
NA
     73
          -0.56047777609589
25
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
          -0.649254767945205
     73
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
73
     -0.890517539315068
25
     LAYING
                          Gyroscope NA
                                               Mean Y
               Freq NA
                                          NA
73
     -0.946259639315069
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
73
     -0.924536860547945
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
73
     -0.891308069041096
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Υ
73
     -0.932293334794521
25
                                                     Z
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
73
     -0.915467504246575
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
73
     -0.910126993561644
25
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
73
     -0.850661340684931
25
     LAYING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
73
     -0.96825160890411
25
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
73
     -0.970457947534247
25
               Freq Body Accelerometer
     LAYING
                                          NA
                                               NA
                                                     Mean X
73
     -0.929147371232877
25
               Freq Body Accelerometer
     LAYING
                                          NA
                                               NA
                                                     Mean Y
73
     -0.78494581909589
               Freq Body Accelerometer
25
     LAYING
                                          NA
                                               NA
                                                     Mean Z
73
     -0.816197953561644
25
               Freq Body Accelerometer
                                                     SD
                                                          Х
     LAYING
                                          NA
                                               NA
73
     -0.902547712465753
25
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
73
     -0.67238425569863
25
               Freq Body Accelerometer
                                               NA
                                                     SD
                                                          Z
     LAYING
                                          NA
73
     -0.694100368012329
25
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
73
     -0.774481943616438
               Freq Body Accelerometer
25
     LAYING
                                          NA
                                               Magnitude SD
                                                               NA
73
     -0.651353241643836
25
                Freq Body Accelerometer
                                          Jerk NA
     LAYING
                                                     Mean X
73
     -0.972859085753425
```

```
Freq Body Accelerometer
25
     LAYING
                                          Jerk NA
                                                     Mean Y
73
     -0.946802003561644
25
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
73
     -0.962632674520548
               Freq Body Accelerometer
25
     LAYING
                                          Jerk NA
                                                     SD
                                                          Х
73
     -0.976423984657534
25
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
73
     -0.948414293561644
25
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          \mathbf{Z}
     LAYING
73
     -0.971885370136986
25
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
73
     -0.96008314739726
25
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
73
     -0.963601212876712
25
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
65
     -0.0352052091230769
25
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
     -0.0748002714615385
65
25
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Z
                                                          65
0.0852783892769231
25
               Time NA
                          Gyroscope NA
                                                     Х
     SITTING
                                          NA
                                                SD
65
     -0.989907584153846
25
                          Gyroscope NA
                                                     Y
     SITTING
               Time NA
                                          NA
                                                SD
65
     -0.981193501846154
25
                                                     Z
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                SD
65
     -0.972637558615385
25
                                          Magnitude Mean NA
     SITTING
               Time NA
                          Gyroscope NA
65
     -0.966568718615385
25
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     -0.970639125692308
65
25
                          Gyroscope Jerk NA
     SITTING
                Time NA
                                                Mean X
65
     -0.0954801379692308
25
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Y
65
     -0.0391651423907692
25
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                Mean Z
65
     -0.0495595643230769
25
                          Gyroscope Jerk NA
     SITTING
               Time NA
                                                SD
                                                     Х
65
     -0.992304653846154
25
     SITTING
               Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Y
65
     -0.991315767692308
25
     SITTING
                          Gyroscope Jerk NA
                                                SD
                                                     Z
               Time NA
65
     -0.991491387846154
25
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
65
     -0.99286465
25
     SITTING
               Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
     -0.991766403076923
65
               Time Body Accelerometer
                                                                65
25
     SITTING
                                                NA
                                          NA
                                                     Mean X
```

0.278	8541482461	538							
25	SITTING		y Acce	lerometer	NA	NA	Mean	Y	
65	-0.014769	680803076	9						
25	SITTING		y Acce	lerometer	NA	NA	Mean	Z	
65		440476923	_				a D		
25 65	SITTING	Time Bod:	y Acce	lerometer	NA	NA	SD	X	
25	SITTING		v Acce	lerometer	NA	NA	SD	Y	
65		617061538	y Accc	TCT OILIC CCT	1471	1477	DD	_	
25	SITTING		y Acce	lerometer	NA	NA	SD	Z	
65	-0.965139	552153846							
25		Time Bod	y Acce	lerometer	NA	Magn	itude	Mean	NA
65		337076923		_					
25	SITTING		y Acce	lerometer	NA	Magn:	itude	SD	NA
65 25	-0.960003	414461538	v Acce	lerometer	Jerk	NΔ	Mean	v	65
	5208700991		y Acce	Telomerel	OGIK	IVA	Mean	Λ	0.5
25	SITTING		y Acce	lerometer	Jerk	NA	Mean	Y	65
0.004	4854158932		2						
25	SITTING	Time Bod	y Acce	lerometer	Jerk	NA	Mean	$\mathbf{Z}$	65
	2107608358								
25	SITTING		y Acce	lerometer	Jerk	NA	SD	X	
65 25		621692308	7.000	loromotor	Torle	3.7.73	CD	37	
25 65	SITTING _0 982870	991692308	y Acce	lerometer	Jerk	NA	SD	Y	
25			v Acce	lerometer	Jerk	NA	SD	Z	
65		153384615	7					_	
25	SITTING	Time Bod	y Acce	lerometer	Jerk	Magn	itude	Mean	NA
65		142461538							
25	SITTING		y Acce	lerometer	Jerk	Magn	itude	SD	NA
65 25		804923077		Aggal agam	a+ a =	<b>3.T.7</b> 3	37.73	Moon	v
25 65	SITTING 0.8656860		vity	Accelerom	eter	NA	NA	Mean	Х
25	SITTING	Time Gra	vitv	Accelerom	eter	NA	NA	Mean	Y
65	0.2082871		• = • 1	11000101	.0001		1111	man	-
25	SITTING	Time Gra	vity	Accelerom	eter	NA	NA	Mean	Z
65	0.1671409	56385077							
25	SITTING	Time Gra	vity	Accelerom	eter	NA	NA	SD	X
65 25		980615385		3 1	- 1	377	377	a D	77
25 65	SITTING	Time Gra 016923077	vity	Accelerom	eter	NA	NA	SD	Y
25	SITTING	Time Gra	vitv	Accelerom	eter	NA	NA	SD	Z
65		982461538	vicj	1100010101	CCCI	1111	1411	DD	_
25	SITTING	Time Gra	vity	Accelerom	eter	NA	Magn	itude	Mean
NA	65 -0.9	704093370	_				-		
25	SITTING	Time Gra	-	Accelerom	eter	NA	Magn	itude	SD
NA	65 -0.9	600034144	61538						

```
Freq NA
25
     SITTING
                          Gyroscope NA
                                          NA
                                               Mean X
65
     -0.988002552461538
25
                          Gyroscope NA
                                          NA
                                               Mean Y
     SITTING
               Freq NA
65
     -0.983827801076923
25
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
65
     -0.975805890153846
25
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
     SITTING
               Freq NA
65
     -0.990550003076923
25
                          Gyroscope NA
                                                    Y
     SITTING
                                          NA
                                               SD
               Freq NA
65
     -0.979828883230769
25
                          Gyroscope NA
                                               SD
                                                    Z
     SITTING
               Freq NA
                                          NA
65
     -0.974172870615385
25
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
65
     -0.979350913692308
25
                                          Magnitude SD
     SITTING
               Freq NA
                          Gyroscope NA
                                                          NA
65
     -0.970321897230769
25
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
               Freq NA
65
     -0.991781701692308
25
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
65
     -0.992019559538462
25
               Freq Body Accelerometer
                                               NA
                                                    Mean X
     SITTING
                                          NA
65
     -0.991405498153846
25
               Freq Body Accelerometer
                                                    Mean Y
     SITTING
                                          NA
                                               NA
65
     -0.959117259384615
25
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
65
     -0.974776131230769
25
               Freq Body Accelerometer
                                                    SD
                                                          Х
     SITTING
                                          NA
                                               NA
65
     -0.992124279384615
25
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Y
     -0.944842993230769
65
25
                                                          Z
               Freq Body Accelerometer
                                                    SD
     SITTING
                                          NA
                                               NA
65
     -0.962090614615385
25
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
65
     -0.967017992615385
25
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
65
     -0.961997268307692
25
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean X
65
     -0.992478846153846
25
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
65
     -0.982957002923077
25
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
65
     -0.986326396461538
25
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
65
     -0.992750109846154
25
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Y
65
     -0.984068025384615
25
               Freq Body Accelerometer
                                                    SD
                                                          Z
     SITTING
                                          Jerk NA
```

```
65
     -0.989156105538462
25
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
65
     -0.987941825538462
25
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
65
     -0.987618801076923
25
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
74
     -0.0247946750959459
25
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Y
                                          NA
74
     -0.0698876853378378
25
     STANDING
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          74
                                          NA
0.0852685438243243
25
     STANDING
               Time NA
                          Gyroscope NA
                                               SD
                                                     Х
                                          NA
74
     -0.971357421216216
25
     STANDING
               Time NA
                          Gyroscope NA
                                                     Y
                                          NA
                                               SD
74
     -0.976757621081081
25
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     \mathbf{Z}
74
     -0.971814139189189
25
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
74
     -0.967077442837838
25
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
74
     -0.959884274324324
25
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
74
     -0.100473697756757
25
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
74
     -0.0418294632148649
25
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
74
     -0.0556979055540541
25
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
74
     -0.977909693918919
25
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
     -0.98724214
74
25
               Time NA
     STANDING
                          Gyroscope Jerk NA
                                               SD
                                                     Z
74
     -0.980722294459459
                          Gyroscope Jerk Magnitude Mean NA
25
     STANDING
               Time NA
74
     -0.985091991216216
25
                          Gyroscope Jerk Magnitude SD
     STANDING
               Time NA
                                                          NA
74
     -0.983230809594595
     STANDING
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
                                                               74
0.278013701621622
     STANDING
25
               Time Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
74
     -0.0163569730274324
25
     STANDING
               Time Body Accelerometer
                                                     Mean Z
                                          NA
                                               NA
74
     -0.107352957594595
25
               Time Body Accelerometer
     STANDING
                                          NA
                                               NA
                                                     SD
                                                          Х
74
     -0.991970126756757
25
     STANDING
               Time Body Accelerometer
                                                     SD
                                                          Y
                                          NA
                                               NA
     -0.954569225945946
74
```

25	STANDING	_	Acce	lerome	eter	NA	NA	SD	Z	
74 25	-0.9646426 STANDING	Time Body	Acce	lerome	ter	NA	Magn	i tude	Mean	NΔ
74	<b>-0.9726635</b>	_	71000	ICI Onic	.001	1411	magii.	Leade	nean	1421
25	STANDING		Acce	lerome	ter	NA	Magn	itude	SD	NA
74	-0.9680756	_					_			
25	STANDING	Time Body	Acce	lerome	eter	Jerk	NA	Mean	X	74
	52337295675	676								
25		Time Body	Acce.	lerome	eter	Jerk	NA	Mean	Y	74
	66321397672			_					_	
25	STANDING	_		Lerome	eter	Jerk	NA	Mean	Z	
74	-0.0062280			1	+	Tomle	<b>3.</b> 7.70	CD	37	
25		Time Body	Acce.	rerome	eter	Jerk	NA	SD	X	
74 25	-0.9883126		7000	loromo	tor	Tork	NT 7N	SD	Y	
23 74	STANDING -0.9722724	_	Acce.	rerome	cer	Jerk	NA	עמ	1	
25		Time Body	Acce.	lorome	tor	Jerk	NT 7N	SD	Z	
74	-0.9870626	_	ACCE.	reronie	cer	OELK	IVA	שט	7	
25	STANDING		Acce	lerome	ter	Jerk	Magn	i +ııde	Mean	NΑ
74	-0.9846470	_	11000.	ICI OIIIC	CCI	OCIA	iiugii.	Lcuuc	ncun	1421
25		Time Body	Acce	lerome	eter	Jerk	Magn	itude	SD	NA
74	-0.9826370	_					9			
25		Time Grav	ity	Accel	erome	eter	NA	NA	Mean	Х
74	0.92979473		4							
25	STANDING	Time Grav	ity	Accel	erome	eter	NA	NA	Mean	Y
74	-0.1593167	86486486	_							
25	STANDING	Time Grav	ity	Accel	erome	eter	NA	NA	Mean	$\mathbf{Z}$
74	0.20118210	6486486								
25	STANDING	Time Grav	ity	Accel	erome	eter	NA	NA	SD	X
74	-0.9931482	67702703								
25		Time Grav	ity	Accel	erome.	eter	NA	NA	SD	Y
74	-0.9806429									
25	STANDING		ity	Accel	erome	eter	NA	NA	SD	Z
74	-0.9677925			_						
25		Time Grav	_	Accel	.erome	eter	NA	Magn	itude	Mean
NA		266359216							• . •	~-
25	STANDING		_	Accel	erome	eter	NA	Magn	itude	SD
NA		807562932			377	377	M	37		
25 74		_	Gyro	scope	NA	NA	Mean	Х		
7 <del>4</del> 25	-0.9680785 STANDING		Curo	raono	NT 70	NT 7A	Mean	v		
23 74	-0.9783998	-	Gyro	scope	NA	NA	Mean	1		
25	STANDING		Gyros	scope	NΙΔ	NA	Mean	7		
74	-0.9704568	-	Gyro.	эсоре	INT	IVA	nean	7		
25		Freq NA	Gyros	scope	NA	NA	SD	X		
74	-0.9726641	-	J_ 1 O.	- COPC	-1-1	-1-1	~2			
25	STANDING		Gyros	scope	NA	NA	SD	Y		
		-	-	-						

```
74
     -0.975960666081081
25
     STANDING Freq NA
                         Gyroscope NA
                                               SD
                                                    \mathbf{Z}
                                         NA
74
     -0.974982088108108
25
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude Mean NA
74
     -0.968972499594595
25
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                         NA
74
     -0.961090396891892
25
     STANDING
               Freq NA
                         Gyroscope Jerk Magnitude Mean NA
74
     -0.98401783027027
25
     STANDING
               Freq NA
                         Gyroscope Jerk Magnitude SD
                                                         NA
74
     -0.983098935945946
25
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean X
                                         NA
74
     -0.990093202837838
25
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
74
     -0.959846189054054
25
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Z
     -0.974051231216216
74
25
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Х
74
     -0.992851743243243
25
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Υ
74
     -0.95417933
25
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Z
74
     -0.96212373972973
25
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
74
     -0.972355393243243
25
     STANDING Freq Body Accelerometer
                                         NA
                                              Magnitude SD
                                                              NA
74
     -0.970203660405405
25
     STANDING
               Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
74
     -0.988404654864865
25
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Y
74
     -0.972554452972973
25
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Z
74
     -0.984832251216216
     STANDING Freq Body Accelerometer
25
                                         Jerk NA
                                                    SD
                                                         Χ
74
     -0.989339890810811
25
     STANDING Freq Body Accelerometer
                                                         Y
                                         Jerk NA
                                                    SD
74
     -0.974029503513513
25
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Z
74
     -0.987898048378378
25
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
74
     -0.982294170810811
25
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
74
     -0.982083315
25
     WALKING
               Time NA
                         Gyroscope NA
                                         NA
                                               Mean X
74
     -0.0156305378067568
25
     WALKING
               Time NA
                         Gyroscope NA
                                         NA
                                              Mean Y
74
     -0.0820768065347297
```

25	WALKING	Time	NA	Gyroscope	NA	NA	Mean	Z	74	
	6786873689									
25	WALKING	Time		Gyroscope	NA	NA	SD	X		
74	-0.401158			_						
25	WALKING			Gyroscope	NA	NA	SD	Y		
74	-0.604032			_				_		
25	WALKING	Time		Gyroscope	NA	NA	SD	Z		
74	-0.562775			_						
5	WALKING			Gyroscope	NA	Magn	Ltude	Mean	NA	
4	-0.394362			_						
25	WALKING	Time		Gyroscope	NA	Magn	itude	SD	NA	
74	-0.489809			_						
25	WALKING	Time		Gyroscope	Jerk	NA	Mean	X		
74	-0.102377				_					
25	WALKING			Gyroscope	Jerk	NA	Mean	Y		
4	-0.039898				_					
25	WALKING	Time		Gyroscope	Jerk	NA	Mean	Z		
4	-0.051269				_					
25	WALKING			Gyroscope	Jerk	NA	SD	X		
4	-0.507957				_					
25	WALKING	Time		Gyroscope	Jerk	NA	SD	Y		
74	-0.799635				_					
25	WALKING			Gyroscope	Jerk	NA	SD	Z		
74	-0.659576				_		_			
25	WALKING	Time		Gyroscope	Jerk	Magn	itude	Mean	NA	
4	-0.678466				_		_			
5	WALKING	Time		Gyroscope	Jerk	Magn	itude	SD	NA	
4	-0.757032			_						
25	WALKING		Body	Accelerome	eter	NA	NA	Mean	X	74
	8992759054		_	_						
25	WALKING		_	Accelerome	eter	NA	NA	Mean	Y	
	-0.018647									
25	WALKING		-	Accelerome	eter	NA	NA	Mean	Z	
74	-0.108737			_						
25	WALKING		-	Accelerome	eter	NA	NA	SD	X	
74	-0.596007									
25	WALKING		_	Accelerome	eter	NA	NA	SD	Y	
74	-0.161852									
25	WALKING		_	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
74	-0.437133									
25	WALKING		Body	Accelerome	eter	NA	Magn	itude	Mean	NA
74	-0.405289							_		
25	WALKING		_	Accelerome	eter	NA	Magn	itude	SD	NA
74	-0.565601									
25	WALKING		Body	Accelerome	eter	Jerk	NA	Mean	X	74
	2172071228									
25	WALKING	Time	Body	Accelerome	eter	Jerk	NA	Mean	Y	74

```
0.00351115201418919
25
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     WALKING
74
     -0.00335098680675676
25
     WALKING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
74
     -0.607620931621622
25
                Time Body Accelerometer
     WALKING
                                          Jerk NA
                                                     SD
                                                          Υ
74
     -0.382619718513514
25
     WALKING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
74
     -0.675601403648649
25
     WALKING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
74
     -0.538291424594595
25
     WALKING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
74
     -0.542870062567568
25
     WALKING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          Mean X
74
     0.937483114459459
25
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
74
     -0.127315870743243
25
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
74
     0.188416273486486
25
     WALKING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
74
     -0.979499263243243
25
     WALKING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Y
74
     -0.965093441081081
25
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                \mathbf{z}
74
     -0.944995731216216
25
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.40528943
NA
     74
                Time Gravity
25
     WALKING
                               Accelerometer
                                                NA
                                                     Magnitude SD
          -0.565601466081081
NA
25
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
74
     -0.411909719594595
25
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
74
     -0.678750350135135
                          Gyroscope NA
25
     WALKING
                Freq NA
                                          NA
                                                Mean Z
74
     -0.561322950945946
25
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
74
     -0.406678108108108
25
     WALKING
                          Gyroscope NA
                                                SD
                                                     Y
                Freq NA
                                          NA
74
     -0.567201282027027
25
                          Gyroscope NA
                                                SD
                                                     Z
     WALKING
                Freq NA
                                          NA
74
     -0.603544209459459
25
                          Gyroscope NA
                                          Magnitude Mean NA
     WALKING
                Freq NA
74
     -0.562733252702703
25
     WALKING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
                Freq NA
74
     -0.529262243378378
25
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
                Freq NA
     -0.770300895540541
74
```

25 74	WALKING -0.7573857	Freq NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
25 74		Freq Body	Acce	lerome	eter	NA	NA	Mean	X	
25 74		Freq Body	Acce	lerome	eter	NA	NA	Mean	Y	
25 74	WALKING -0.5335632	Freq Body	Acce	lerome	eter	NA	NA	Mean	Z	
25 74		Freq Body	Acce	lerome	eter	NA	NA	SD	X	
25 74	WALKING -0.1703138	Freq Body	Acce	lerome	eter	NA	NA	SD	Y	
25 74	WALKING -0.4306245	Freq Body 87162162	Acce	lerome	eter	NA	NA	SD	Z	
25 74	WALKING -0.5660600	Freq Body 23108108	Acce	lerome	eter	NA	Magn	itude	Mean	NA
25 74	WALKING -0.6329274		Acce	lerome	eter	NA	Magn	itude	SD	NA
25 74	WALKING -0.6255953	Freq Body 76891892	Acce	lerome	eter	Jerk		Mean	X	
25 74	WALKING -0.4344551	9972973				Jerk		Mean		
25 74	-0.6592863					Jerk		Mean		
25 74	WALKING -0.6241457	24594595				Jerk 		SD	X	
25 74	-0.3677600					Jerk		SD	Y	
25 74	-0.6904133					Jerk		SD	Z	N7 70
25 74	-0.5645913	Freq Body 42162162 Freq Body								
25 74 25	WALKING -0.5190042 WALKING DO	4972973	Time			scope	_	NA	Mean	NA
58 25	0.00299112 WALKING DO	856551724	Time		_	scope		NA	Mean	
58 25	-0.1011150 WALKING DO	76366897	Time		_	scope			Mean	
58	$0.09807\overline{5}02$	49310345	Time		_	_		NA		
25 58	WALKING_DO -0.2888247	54586207			-	scope		NA	SD	X
25 58	WALKING_DO	14655172	Time		_	scope		NA	SD	Y
25 58	WALKING_DO	54482759	Time		_	scope		NA	SD	Z
25	WALKING_DO	WNSTAIRS	Time	ΝA	Gyros	scope	ΝA	magn:	itude	мean

```
NA
     58
          -0.216082565601724
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                    Magnitude SD
NA
          -0.38216092137931
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                         Mean X
58
     -0.127952445399655
25
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk NA
                          Time NA
                                                          Mean Y
58
     -0.0415203345874138
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                         Mean Z
58
     -0.0642078122381035
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Х
58
     -0.430134387586207
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Y
58
     -0.810444542413793
                          Time NA
25
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk NA
                                                          SD
                                                               Z
     -0.599481997931035
58
25
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
NA
          -0.664713625172414
                          Time NA
25
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk Magnitude SD
NA
          -0.67960595137931
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
X
          0.291329666206897
                          Time Body Accelerometer
25
     WALKING DOWNSTAIRS
                                                    NA
                                                          NA
                                                               Mean
Y
          -0.0210170522987931
     58
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               Mean
          -0.107192376965517
\mathbf{z}
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
X
          -0.253756934258621
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
          -0.14054060387069
Y
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                          NA
                                                               SD
          -0.457972381896552
25
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    NA
                                                          Magnitude
Mean NA
               -0.22010859462069
                          Time Body Accelerometer
25
     WALKING DOWNSTAIRS
                                                    NA
                                                          Magnitude
SD
               -0.259465249913793
     NA
          58
25
                                                    Jerk NA
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                               Mean
X
          0.110656929396552
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          -0.0195416626931035
25
     WALKING DOWNSTAIRS
                         Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
          -0.0113348791672414
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Х
          -0.501968387931034
25
                          Time Body Accelerometer
     WALKING DOWNSTAIRS
                                                    Jerk NA
                                                               SD
Y
     58
          -0.371661522413793
25
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
          -0.711494695517241
     58
```

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25
     WALKING DOWNSTAIRS Time Body Accelerometer Jerk Magnitude
Mean NA
          58
               -0.50048333137931
                         Time Body Accelerometer Jerk Magnitude
2.5
     WALKING DOWNSTAIRS
SD
     NA
               -0.482976929827586
                                          Accelerometer
25
     WALKING DOWNSTAIRS
                          Time Gravity
                                                         NA
                                                               NA
Mean X
               0.929627532241379
25
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean Y
          58
               -0.0724270175862069
                          Time Gravity
                                          Accelerometer
25
     WALKING DOWNSTAIRS
                                                         NA
                                                               NA
Mean Z
          58
               0.21879595837931
25
                          Time Gravity
                                          Accelerometer
     WALKING DOWNSTAIRS
                                                         NA
                                                               NA
SD
          58
               -0.964470066724138
25
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                               NA
SD
          58
               -0.937816011034483
25
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
               -0.92619169637931
25
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
Magnitude Mean NA
                     58
                          -0.22010859462069
     WALKING DOWNSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                          -0.259465249913793
Magnitude SD
               NA
                     58
25
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
58
     -0.217799723931034
25
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                          Freq NA
                                                    NA
                                                         Mean Y
58
     -0.632916352241379
25
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean Z
58
     -0.410311447586207
                                    Gyroscope NA
25
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                         SD
                                                               Х
58
     -0.316252107741379
                                    Gyroscope NA
25
     WALKING DOWNSTAIRS
                          Freq NA
                                                    NA
                                                         SD
                                                               Y
58
     -0.470641125
                                                               Z
25
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                         SD
                          Freq NA
                                                    NA
58
     -0.506738306724138
25
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
NA
     58
          -0.485763582068966
25
     WALKING DOWNSTAIRS
                                    Gyroscope NA
                                                    Magnitude SD
                          Freq NA
          -0.423707329706897
NA
25
     WALKING DOWNSTAIRS
                                    Gyroscope Jerk Magnitude Mean
                          Freq NA
NA
          -0.687034281206897
25
     WALKING DOWNSTAIRS
                          Freq NA
                                    Gyroscope Jerk Magnitude SD
NA
          -0.693032409137931
     58
25
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
          -0.372245192931034
Х
25
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Y
          -0.196381053741379
25
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.556097089137931
25
     WALKING DOWNSTAIRS Freq Body Accelerometer
                                                               SD
                                                    NA
                                                         NA
```

v	58 -0.21302887433	1021						
X 25	58 -0.21302887433 WALKING DOWNSTAIRS		Body	Accelerome	ter	NA	NA	SD
Y	58 <b>-0.</b> 16684237558	_	Boay	710001010mc		1111	1111	55
25	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	ter	NA	NA	SD
$\mathbf{Z}$	58 -0.44946544172							
25	WALKING_DOWNSTAIRS	_	_	Accelerome	ter	NA	Magn	itude
Mean	NA 58 -0.288154							
25 SD	WALKING_DOWNSTAIRS NA 58 -0.359437			Accelerome	ter	NA	Magn	itude
25	WALKING DOWNSTAIRS			Accelerome	ter	Jerk	NΔ	Mean
X	58 <b>-</b> 0.52578945068	_	Dody	71000TCTOMC		OCIK	1421	iicuii
25	WALKING DOWNSTAIRS		Body	Accelerome	ter	Jerk	NA	Mean
Y	58 -0.41569964379	3103	_					
25	WALKING_DOWNSTAIRS	_	Body	Accelerome	ter	Jerk	NA	Mean
Z	58 -0.68684395931							
25	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
X 25	58 -0.52215334103 WALKING DOWNSTAIRS		Rody	Accelerome	tor	Jerk	NΤΛ	SD
Y	58 <b>-0.</b> 36571983044	_	воцу	Accelerome	CEI	OCIK	IVA	30
25	WALKING DOWNSTAIRS		Body	Accelerome	ter	Jerk	NA	SD
$\mathbf{Z}$	58 -0.73499006413	_	-					
25	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	ter	Jerk	Magn	itude
Mean								
25	WALKING_DOWNSTAIRS	_	_	Accelerome	ter	Jerk	Magn	itude
SD	NA 58 -0.502224			Crimogana	3.7.73	NT 70	Moon	v
25 65	WALKING_UPSTAIRS 0.0556121923307692	Time	NA	Gyroscope	NA	NA	Mean	Χ
25	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
65	-0.109437658104615	11110	-11-1	o <sub>1</sub> rozoopo		-11-1	110411	-
25	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Z
65	0.0996227385527692							
25	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
65	-0.489011794784615			_				
25	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
65 25	-0.433673383846154 WALKING UPSTAIRS	Time	NΙΔ	Gyroscope	NΣ	NA	SD	Z
65	-0.564195608923077	1111110	INT	dyroscope	IVA	IVA	SD	Д
25	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	65 <b>-0.</b> 3186346998							
25	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	65 -0.38775411615							
25	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
65 25	-0.126481161061538	m	<b>3.7.7</b> 3	C	Ta1-	37.73	Mo = ==	77
25 65	WALKING_UPSTAIRS -0.0281452998369231	Time	NA	Gyroscope	Jerk	NA	Mean	ĭ
25	WALKING UPSTAIRS	Time	NA	Gyroscope	Jerk	NΑ	Mean	7.
	-0.0540452217153846		-1	-1-0200bc	2011	-1	-10411	_
65	-0.034043221/133640							

25 65	WALKING_UPSTAIRS -0.693854902307692	Time NA	Gyroscope	Jerk	NA	SD	X
25	WALKING_UPSTAIRS	Time NA	Gyroscope	Jerk	NA	SD	Y
65 25	-0.839699143076923 WALKING_UPSTAIRS	Time NA	Gyroscope	Jerk	NA	SD	Z
65 25	-0.746268282923077 WALKING_UPSTAIRS		Gyroscope	Jerk	Magni	itude	Mean
NA 25	65 -0.77710602661 WALKING_UPSTAIRS	Time NA	Gyroscope	Jerk	Magni	Ltude	SD
NA 25	65 -0.82488330276 WALKING_UPSTAIRS	Time Body	Accelerome	eter	NA	NA	Mean
X 25	65 0.277995411384 WALKING_UPSTAIRS	Time Body	Accelerome	eter	NA	NA	Mean
Y 25	65 -0.02698635242 WALKING_UPSTAIRS	Time Body	v Accelerome	eter	NA	NA	Mean
Z 25	65 -0.12621044029 WALKING_UPSTAIRS		Accelerome	eter	NA	NA	SD
X 25	65 -0.45977564615 WALKING_UPSTAIRS		Accelerome	eter	NA	NA	SD
Y 25	65 -0.22308680876 WALKING UPSTAIRS		, Accelerome	eter	NA	NA	SD
Z 25	65 -0.29652397507 WALKING UPSTAIRS		/ Accelerome	eter	NA	Magni	itude
Mean 25	<u>—</u>	199076923	/ Accelerome		NA	_	itude
SD 25	NA 65 -0.480006 WALKING UPSTAIRS	649846154	/ Accelerome		Jerk	_	Mean
X 25	65 0.074004143570 WALKING UPSTAIRS	7692			Jerk		Mean
Y 25	65 0.009255140415 WALKING UPSTAIRS	53846	Accelerome		Jerk		Mean
Z 25	65 -0.01169068134 WALKING_UPSTAIRS	98462			UCIK		
X	MATIVING_OLDIVIVO			+or	Tork	7.T/T	מח
2 E	65 -0.66364274630	7692					SD
25 Y	WALKING_UPSTAIRS 65 -0.62713123569	7692 Time Body 2308	Accelerome	eter	Jerk	NA	SD
Y 25 Z	WALKING_UPSTAIRS 65 -0.62713123569 WALKING_UPSTAIRS 65 -0.81245837230	7692 Time Body 2308 Time Body 7692	Accelerome	eter eter	Jerk Jerk	NA NA	SD SD
Y 25 Z 25 Mean	WALKING_UPSTAIRS 65 -0.62713123569 WALKING_UPSTAIRS 65 -0.81245837230 WALKING_UPSTAIRS NA 65 -0.679160	7692 Time Body 2308 Time Body 7692 Time Body 843538462	Accelerome Accelerome Accelerome	eter eter eter	Jerk Jerk Jerk	NA NA Magni	SD SD itude
Y 25 Z 25 Mean 25 SD	WALKING_UPSTAIRS 65	7692 Time Body 2308 Time Body 7692 Time Body 843538462 Time Body 059846154	Accelerome Accelerome Accelerome Accelerome	eter eter eter	Jerk Jerk Jerk Jerk	NA NA Magni	SD SD itude
Y 25 Z 25 Mean 25 SD	WALKING_UPSTAIRS 65	7692 Time Body 2308 Time Body 7692 Time Body 843538462 Time Body 059846154 Time Grav 39538462	Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	Jerk Jerk Jerk Jerk	NA NA Magni	SD SD itude
Y 25 Z 25 Mean 25 SD 25 Mean 25	WALKING_UPSTAIRS 65	7692 Time Body 2308 Time Body 7692 Time Body 843538462 Time Body 059846154 Time Grav 39538462 Time Grav	Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	Jerk Jerk Jerk Jerk	NA NA Magni	SD SD itude itude

Mean	z 65 0.10823098	86684615				
25	WALKING_UPSTAIRS	Time Grav	ity Accelerom	eter	NA	NA
SD	X 65 -0.950878					
25	WALKING_UPSTAIRS		ity Accelerom	eter	NA	NA
SD	Y 65 -0.9317582		:		37.7	37.7
25 SD	WALKING_UPSTAIRS Z 65 -0.8827223		ity Accelerom	eter	NA	NA
25	WALKING UPSTAIRS		ity Accelerom	eter	NA	
	itude Mean NA 65	-0.305772	-	CCCI	1421	
25	WALKING UPSTAIRS			eter	NA	
Magn	itude SD NA 65	-0.480006	<del>-</del>			
25	WALKING_UPSTAIRS	Freq NA	Gyroscope NA	NA	Mean	X
65	-0.476144998846154					
25	WALKING_UPSTAIRS	Freq NA	Gyroscope NA	NA	Mean	Y
65	-0.618579913384615		_			
25	WALKING_UPSTAIRS	Freq NA	Gyroscope NA	NA	Mean	Z
65 25	-0.575169715692308	D NA	Company and All	27.7	an	77
25 65	WALKING_UPSTAIRS	Freq NA	Gyroscope NA	NA	SD	X
65 25	-0.500119831476923 WALKING UPSTAIRS	Freq NA	Gyroscope NA	NA	SD	Y
65	-0.349362687538462	ried NA	Gyroscope NA	IVA	שט	1
25	WALKING UPSTAIRS	Freq NA	Gyroscope NA	NA	SD	Z
65	-0.601112612153846			_,		_
25	WALKING UPSTAIRS	Freq NA	Gyroscope NA	Magn	itude	Mean
NA	65 -0.56715346984	6154				
25	WALKING_UPSTAIRS	Freq NA	Gyroscope NA	Magn	itude	SD
NA	65 -0.38661299287	6923				
25	WALKING_UPSTAIRS	Freq NA	Gyroscope Jerk	Magn	itude	Mean
NA	65 -0.822403906		_			
25	WALKING_UPSTAIRS	-	Gyroscope Jerk	Magn:	ıtude	SD
NA 25	65 -0.841061012153 WALKING UPSTAIRS		Aggalaramatar	NA	NA	Moon
X	65 <b>-0.</b> 521649838769		Accelerometer	IVA	NA	Mean
25	WALKING UPSTAIRS		Accelerometer	NA	NA	Mean
Y	65 <b>-0.</b> 38015080538		71000TCTOMCCCT	1111	1411	iicuii
25	WALKING UPSTAIRS		Accelerometer	NA	NA	Mean
$\mathbf{Z}$	65 -0.542931828					
25	WALKING_UPSTAIRS	Freq Body	Accelerometer	NA	NA	SD
X	65 -0.43797578692					
25	WALKING_UPSTAIRS		Accelerometer	NA	NA	SD
Y	65 -0.19998842858		_			
25	WALKING_UPSTAIRS		Accelerometer	NA	NA	SD
Z	65 -0.237296741292		negal organists	NT 70	Moss	: + d o
25 Mean	WALKING_UPSTAIRS NA 65 -0.527907		Acceletometer	NA	magn:	itude
меан 25	WALKING UPSTAIRS		Accelerometer	NA	Magn	itude
SD	NA 65 -0.5361202		110001010IIIe Cel	117.7	nagii.	LCUUC
~						

```
25
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk NA
                                                               Mean
Χ
     65
          -0.668208156461538
2.5
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          -0.640849424923077
25
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Z
          -0.793266971230769
25
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                               SD
                                                     Jerk NA
X
     65
          -0.690213625846154
25
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk NA
                                                               SD
Y
          -0.638086010153846
25
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     Jerk NA
                                                               SD
Z
          -0.830526636615385
25
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          65
                -0.654795110615385
25
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk Magnitude
SD
          65
                -0.703433692615385
26
                          Gyroscope NA
                                          NA
                                               Mean X
     LAYING
                Time NA
76
     -0.0170656239526316
26
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
76
     -0.0903229228815789
                                                          76
26
     LAYING
                          Gyroscope NA
                                               Mean Z
                Time NA
                                          NA
0.152436344328947
                          Gyroscope NA
                                                     Х
26
     LAYING
                Time NA
                                          NA
                                               SD
76
     -0.990328197763158
26
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
76
     -0.979325678815789
                                                     Z
26
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               SD
76
     -0.969302237763158
26
     LAYING
                          Gyroscope NA
                                          Magnitude Mean NA
                Time NA
76
     -0.951863594736842
26
     LAYING
                Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
76
     -0.965676821973684
26
                          Gyroscope Jerk NA
     LAYING
                Time NA
                                               Mean X
76
     -0.100368640868421
26
     LAYING
                          Gyroscope Jerk NA
                Time NA
                                               Mean Y
76
     -0.0396682720394737
26
                          Gyroscope Jerk NA
     LAYING
                Time NA
                                               Mean Z
76
     -0.0711533355789474
26
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
76
     -0.992665154868421
26
                          Gyroscope Jerk NA
                                                     Υ
     LAYING
                Time NA
                                               SD
76
     -0.989063341973684
26
                Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Z
     LAYING
76
     -0.993759841842105
26
     LAYING
                Time NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.99219798
76
26
                Time NA
                          Gyroscope Jerk Magnitude SD
     LAYING
                                                          NA
```

26 LAYING Time Body Accelerometer NA NA Mean X 76 0.271645864540789 26 LAYING Time Body Accelerometer NA NA Mean Y 76 -0.0191895728026316 26 LAYING Time Body Accelerometer NA NA Mean Z 76 -0.105002540289474 26 LAYING Time Body Accelerometer NA NA Mean Z 76 -0.969445445263158 26 LAYING Time Body Accelerometer NA NA SD X 76 -0.983231351842105 26 LAYING Time Body Accelerometer NA NA SD Z 76 -0.98450013157895 26 LAYING Time Body Accelerometer NA NA SD Z 76 -0.976785042368421 26 LAYING Time Body Accelerometer NA Magnitude Mean NA NA SD Z 27 -0.98450013157895 28 LAYING Time Body Accelerometer NA Magnitude SD NA NA SD Z 28 -0.964355190394737 29 LAYING Time Body Accelerometer Jerk NA Mean X 76 0.0866502529210526 20 LAYING Time Body Accelerometer Jerk NA Mean X 76 0.0124420033513158 20 LAYING Time Body Accelerometer Jerk NA Mean Z 76 -0.00614755098663158 21 LAYING Time Body Accelerometer Jerk NA SD X 29 -0.989315824868421 20 LAYING Time Body Accelerometer Jerk NA SD X 20 -0.987182887763158 21 LAYING Time Body Accelerometer Jerk NA SD Y 21 -0.989168287763158 22 LAYING Time Body Accelerometer Jerk Magnitude Mean NA O-0.989064628947368 23 LAYING Time Body Accelerometer Jerk Magnitude Mean NA O-0.9891049473684 24 LAYING Time Body Accelerometer Jerk Magnitude SD NA O-0.98101949473684 25 LAYING Time Gravity Accelerometer NA NA Mean X 26 LAYING Time Gravity Accelerometer NA NA Mean X 27 -0.9831528458421 28 LAYING Time Gravity Accelerometer NA NA Mean X 28 -0.989970604210526 29 LAYING Time Gravity Accelerometer NA NA Mean X 29 -0.989970604210526 20 LAYING Time Gravity Accelerometer NA NA Mean X 20 -0.989970604210526 21 LAYING Time Gravity Accelerometer NA NA Mean X 20 -0.989970604210526 21 LAYING Time Gravity Accelerometer NA NA Mean X 21 -0.989970604210526 22 LAYING Time Gravity Accelerometer NA NA SD X 21 -0.98788795263158 22 LAYING Time Gravity Accelerometer NA NA SD X 22 -0.98788795263158 23 LAYING Time Gravity Accelerometer NA NA SD X 24 -0.98788795263158 25 LAYING Time Gravity Accelerometer NA Magnitude Mean NA O-0.987887	76	-0.9899173	35447368	R 4							
0.271645864540789					Accel	erometer	NA	NA	Mean	X	76
Time   Body   Accelerometer   NA				1							
Accelerometer	26	LAYING	Time Bo	ody .	Accel	erometer	NA	NA	Mean	Y	
Time   Body   Accelerometer   NA	76	-0.019189	57280263	316							
Acces   Company   Compan				_	Accel	erometer	NA	NA	Mean	$\mathbf{Z}$	
Time   Body   Accelerometer   NA   NA   SD   Y											
26         LAYING         Time Body Accelerometer         NA         NA         SD         Y           76         -0.983231351842105         Accelerometer         NA         NA         SD         Z           6         -0.984500013157895         Accelerometer         NA         Magnitude         Mean         NA           6         -0.976785042368421         Accelerometer         NA         Magnitude         SD         NA           6         -0.964355190394737         Accelerometer         Jerk         NA         Mean         X         76           0.0866502529210526         LAYING         Time Body Accelerometer         Jerk         NA         Mean         X         76           0.0124420033513158         Time Body Accelerometer         Jerk         NA         Mean         Z         76           6         LAYING         Time Body Accelerometer         Jerk         NA         SD         X           76         -0.989315824868421         Accelerometer         Jerk         NA         SD         X           26         LAYING         Time Body Accelerometer         Jerk         NA         SD         Z           76         -0.987182887763158         Accelerometer				-	Accel	erometer	NA	NA	SD	X	
76         -0.983231351842105         26         LAYING         Time Body Accelerometer         NA         NA         SD         Z           76         -0.98450013157895         LAYING         Time Body Accelerometer         NA         Magnitude         Mean         NA           76         -0.976785042368421         LAYING         Time Body Accelerometer         NA         Magnitude         SD         NA           76         -0.964355190394737         LAYING         Time Body Accelerometer         Jerk         NA         Mean         X         76           0.0866502529210526         LAYING         Time Body Accelerometer         Jerk         NA         Mean         X         76           0.0124420033513158         LAYING         Time Body Accelerometer         Jerk         NA         Mean         Z         76           6         -0.0614755098663158         LAYING         Time Body Accelerometer         Jerk         NA         SD         X         Y           6         LAYING         Time Body Accelerometer         Jerk         NA         SD         Y           6         LAYING         Time Body Accelerometer         Jerk         NA         SD         Z           6         LAYING									a D		
LAYING				_	Accel	erometer	NA	NA	SD	Y	
Count					70001	oromotor	NT 70	NT 7N	CD	7	
LAYING				_	Accel	erometer	IVA	NA	עפ	Zi	
76					Accel	erometer	NΑ	Magni	tude	Mean	NΑ
26         LAYING         Time Body Accelerometer         NA         Magnitude SD         NA           76         −0.964355190394737         Time Body Accelerometer         Jerk NA         Mean X         76           0.086502529210526         LAYING         Time Body Accelerometer         Jerk NA         Mean Y         76           0.0124420033513158         LAYING         Time Body Accelerometer         Jerk NA         Mean Z         76           0.00614755098663158         LAYING         Time Body Accelerometer         Jerk NA         SD         X           26         LAYING         Time Body Accelerometer         Jerk NA         SD         X           26         LAYING         Time Body Accelerometer         Jerk NA         SD         X           26         LAYING         Time Body Accelerometer         Jerk NA         SD         Z           26         LAYING         Time Body Accelerometer         Jerk NA         SD         Z           26         LAYING         Time Body Accelerometer         Jerk Magnitude         Mean NA           26         LAYING         Time Gravity         Accelerometer         NA         NA         Mean NA           26         LAYING         Time Gravity         Accel				_	110001	CI OMC CCI	1111	1149111	Leade	nean	1411
1					Accel	erometer	NA	Magni	tude	SD	NA
0.0886502529210526 26    LAYING    Time Body Accelerometer    Jerk NA    Mean Y	76	-0.964355		_				,			
CAYING	26	LAYING	Time Bo	ody .	Accel	erometer	Jerk	NA	Mean	X	76
10.0124420033513158 26  LAYING  Time Body Accelerometer  Jerk NA  Mean Z 76	0.086	650252921	0526								
LAYING	26	LAYING	Time Bo	ody .	Accel	erometer	Jerk	NA	Mean	Y	76
Time Body Accelerometer   Jerk NA   SD   X											
LAYING				_		erometer	Jerk	NA	Mean	Z	
Time Body Accelerometer   Jerk NA   SD   Y							<b>-</b> 1		a D		
LAYING				_	Accel	erometer	Jerk	NA	SD	Х	
Time Body Accelerometer   Jerk NA   SD   Z					Accel	aromatar	Tork	NΤΛ	GD.	v	
LAYING				_	Accer	erometer	OGIK	IVA	שנ	1	
-0.989064628947368  26    LAYING    Time Body Accelerometer    Jerk Magnitude Mean NA  76    -0.989970604210526  26    LAYING    Time Body Accelerometer    Jerk Magnitude SD    NA  76    -0.989101949473684  26    LAYING    Time Gravity    Accelerometer    NA    NA    Mean X  76    -0.621309715263158  26    LAYING    Time Gravity    Accelerometer    NA    NA    Mean Y  76    0.803015011578947  26    LAYING    Time Gravity    Accelerometer    NA    NA    Mean Z  76    0.614523405921053  26    LAYING    Time Gravity    Accelerometer    NA    NA    SD    X  76    -0.944472488552632  26    LAYING    Time Gravity    Accelerometer    NA    NA    SD    Y  76    -0.987887995263158  26    LAYING    Time Gravity    Accelerometer    NA    NA    SD    Z  76    -0.984081708947368  26    LAYING    Time Gravity    Accelerometer    NA    NA    SD    Z					Accel	erometer	Jerk	NA	SD	7.	
LAYING				_	110001	0101001	00111	-11-1		_	
LAYING Time Body Accelerometer Jerk Magnitude SD NA  76					Accel	erometer	Jerk	Magni	tude	Mean	NA
-0.989101949473684  26 LAYING Time Gravity Accelerometer NA NA Mean X  76 -0.621309715263158  26 LAYING Time Gravity Accelerometer NA NA Mean Y  76 0.803015011578947  26 LAYING Time Gravity Accelerometer NA NA Mean Z  76 0.614523405921053  26 LAYING Time Gravity Accelerometer NA NA SD X  76 -0.944472488552632  26 LAYING Time Gravity Accelerometer NA NA SD Y  76 -0.987887995263158  26 LAYING Time Gravity Accelerometer NA NA SD Z  76 -0.984081708947368  26 LAYING Time Gravity Accelerometer NA NA SD Z	76	-0.989970	60421052	26							
26       LAYING       Time Gravity       Accelerometer       NA       NA       Mean X         76       -0.621309715263158	26	LAYING	Time Bo	ody .	Accel	erometer	Jerk	Magni	tude	SD	NA
76	76	-0.9891019	94947368	34							
LAYING Time Gravity Accelerometer NA NA Mean Y  76 0.803015011578947  26 LAYING Time Gravity Accelerometer NA NA Mean Z  76 0.614523405921053  26 LAYING Time Gravity Accelerometer NA NA SD X  76 -0.944472488552632  26 LAYING Time Gravity Accelerometer NA NA SD Y  76 -0.987887995263158  26 LAYING Time Gravity Accelerometer NA NA SD Z  76 -0.984081708947368  26 LAYING Time Gravity Accelerometer NA Magnitude Mean					ty	Accelerom	eter	NA	NA	Mean	X
76						_					
26       LAYING       Time Gravity       Accelerometer       NA       NA       Mean Z         76       0.614523405921053       Accelerometer       NA       NA       SD       X         26       LAYING       Time Gravity       Accelerometer       NA       NA       SD       Y         76       -0.987887995263158       Accelerometer       NA       NA       SD       Z         26       LAYING       Time Gravity       Accelerometer       NA       NA       SD       Z         76       -0.984081708947368       Accelerometer       NA       Magnitude       Mean         26       LAYING       Time Gravity       Accelerometer       NA       Magnitude       Mean					ty	Accelerom	eter	NA	NA	Mean	Y
76  0.614523405921053 26  LAYING  Time Gravity  Accelerometer  NA  NA  SD  X 76  -0.944472488552632 26  LAYING  Time Gravity  Accelerometer  NA  NA  SD  Y 76  -0.987887995263158 26  LAYING  Time Gravity  Accelerometer  NA  NA  SD  Z 76  -0.984081708947368 26  LAYING  Time Gravity  Accelerometer  NA  Magnitude Mean					4	<b>3 1</b>		377	377	<b>M</b> = = ==	
LAYING Time Gravity Accelerometer NA NA SD X  76 -0.944472488552632  26 LAYING Time Gravity Accelerometer NA NA SD Y  76 -0.987887995263158  26 LAYING Time Gravity Accelerometer NA NA SD Z  76 -0.984081708947368  26 LAYING Time Gravity Accelerometer NA Magnitude Mean					тy	Acceleron	eter	NA	NA	mean	Z
76 -0.944472488552632 26 LAYING Time Gravity Accelerometer NA NA SD Y 76 -0.987887995263158 26 LAYING Time Gravity Accelerometer NA NA SD Z 76 -0.984081708947368 26 LAYING Time Gravity Accelerometer NA Magnitude Mean					+ 37	Accelerom	atar	NΙΔ	NΙΔ	GD.	V
26 LAYING Time Gravity Accelerometer NA NA SD Y 76 -0.987887995263158 26 LAYING Time Gravity Accelerometer NA NA SD Z 76 -0.984081708947368 26 LAYING Time Gravity Accelerometer NA Magnitude Mean					Сy	Acceleton	ecer	IVA	IVA	שט	Λ
76 -0.987887995263158 26 LAYING Time Gravity Accelerometer NA NA SD Z 76 -0.984081708947368 26 LAYING Time Gravity Accelerometer NA Magnitude Mean					t.v	Accelerom	eter	NA	NA	SD	γ
26 LAYING Time Gravity Accelerometer NA NA SD Z 76 -0.984081708947368 26 LAYING Time Gravity Accelerometer NA Magnitude Mean					-· <b>1</b>						<del>-</del>
76 -0.984081708947368 26 LAYING Time Gravity Accelerometer NA Magnitude Mean					ty	Accelerom	eter	NA	NA	SD	Z
1	76	-0.984081			-						
NA 76 -0.976785042368421	26	LAYING	Time Gr	ravi	ty	Accelerom	eter	NA	Magni	itude	Mean
	NA	76 -0.9	76785042	2368	421						

```
26
     LAYING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
     76
          -0.964355190394737
26
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
76
     -0.988386324868421
26
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
76
     -0.983127999342105
26
                          Gyroscope NA
                                          NA
                                               Mean Z
     LAYING
               Freq NA
76
     -0.970171219605263
26
                          Gyroscope NA
                                                SD
                                                     Х
     LAYING
                                          NA
               Freq NA
76
     -0.990970119605263
26
                          Gyroscope NA
                                                     Y
     LAYING
               Freq NA
                                          NA
                                                SD
76
     -0.977491843421053
26
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
76
     -0.971789046710526
26
                                          Magnitude Mean NA
     LAYING
               Freq NA
                          Gyroscope NA
76
     -0.974305179605263
26
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
     LAYING
               Freq NA
76
     -0.96613921868421
26
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
76
     -0.990430914078947
26
     LAYING
                          Gyroscope Jerk Magnitude SD
               Freq NA
                                                          NA
76
     -0.989628012236842
26
               Freq Body Accelerometer
                                               NA
                                                     Mean X
     LAYING
                                          NA
76
     -0.973262289210526
26
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
76
     -0.983664034342105
26
               Freq Body Accelerometer
                                                     Mean Z
     LAYING
                                          NA
                                                NA
76
     -0.984923123552632
26
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
76
     -0.967971891447368
26
               Freq Body Accelerometer
                                                          Y
     LAYING
                                          NA
                                                NA
                                                     SD
76
     -0.983317083947368
26
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
76
     -0.984854487894737
26
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
76
     -0.969269114078947
26
               Freq Body Accelerometer
                                                Magnitude SD
     LAYING
                                          NA
                                                                NA
76
     -0.966576631710526
26
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
76
     -0.989224043947368
26
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
     LAYING
76
     -0.987115080789474
26
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
76
     -0.987308252236842
26
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
     -0.990410106973684
76
26
     LAYING
               Freq Body Accelerometer
                                                     SD
                                                          Y
                                          Jerk NA
```

```
76
     -0.988238648552632
26
                Freq Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           \mathbf{Z}
     LAYING
76
     -0.989370490789474
26
     LAYING
                Freq Body Accelerometer
                                           Jerk Magnitude Mean NA
76
     -0.989138184473684
26
     LAYING
                Freq Body Accelerometer
                                           Jerk Magnitude SD
                                                                 NA
76
     -0.987901463289474
26
     SITTING
                Time NA
                           Gyroscope NA
                                           NA
                                                Mean X
78
     -0.0370217449628205
26
     SITTING
                Time NA
                           Gyroscope NA
                                                Mean Y
                                           NA
78
     -0.0840648503320513
26
     SITTING
                Time NA
                           Gyroscope NA
                                                Mean Z
                                                           78
                                           NA
0.0711109471666667
26
     SITTING
                Time NA
                           Gyroscope NA
                                           NA
                                                SD
                                                      Х
     -0.991027700512821
78
26
     SITTING
                Time NA
                           Gyroscope NA
                                           NA
                                                SD
                                                      Y
78
     -0.973444813846154
26
     SITTING
                Time NA
                           Gyroscope NA
                                           NA
                                                SD
                                                      7.
78
     -0.966441338076923
26
     SITTING
                Time NA
                           Gyroscope NA
                                           Magnitude Mean NA
78
     -0.954052945897436
26
     SITTING
                Time NA
                           Gyroscope NA
                                           Magnitude SD
                                                           NA
78
     -0.964742022307692
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                Mean X
78
     -0.095984817
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                Mean Y
78
     -0.0403070205666667
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                Mean Z
78
     -0.0487627204433077
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                SD
                                                      Х
78
     -0.995882512051282
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                SD
                                                      Y
78
     -0.993139833846154
26
     SITTING
                Time NA
                           Gyroscope Jerk NA
                                                SD
                                                      \mathbf{Z}
78
     -0.991929788974359
26
                           Gyroscope Jerk Magnitude Mean NA
     SITTING
                Time NA
78
     -0.994466446282051
26
     SITTING
                Time NA
                           Gyroscope Jerk Magnitude SD
                                                           NA
78
     -0.994033207051282
26
                Time Body Accelerometer
                                                NA
                                                      Mean X
                                                                 78
     SITTING
                                           NA
0.258243530166667
                Time Body Accelerometer
26
     SITTING
                                                      Mean Y
                                           NA
                                                NA
78
     -0.00713364541358974
                Time Body Accelerometer
26
     SITTING
                                           NA
                                                NA
                                                      Mean Z
78
     -0.0974448692333333
26
     SITTING
                Time Body Accelerometer
                                                      SD
                                                           Х
                                           NA
                                                NA
78
     -0.979768987948718
```

```
Time Body Accelerometer
26
     SITTING
                                          NA
                                               NA
                                                     SD
                                                          Y
78
     -0.94079896551282
26
     SITTING
               Time Body Accelerometer
                                          NA
                                               NΑ
                                                     SD
                                                          7.
78
     -0.950004414102564
                Time Body Accelerometer
26
     SITTING
                                          NA
                                               Magnitude Mean NA
78
     -0.953079994102564
26
     SITTING
                Time Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
78
     -0.933602783410256
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean X
                                                               78
26
0.0764443226333333
26
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Y
                                                               78
0.00692238958961538
26
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     Mean Z
78
     -0.00780237981320513
                Time Body Accelerometer
26
     SITTING
                                          Jerk NA
                                                     SD
                                                          Х
78
     -0.99225839525641
26
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Υ
78
     -0.986215215641026
26
     SITTING
                Time Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
78
     -0.99000871051282
26
     SITTING
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
78
     -0.990898435769231
26
                Time Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                               NA
78
     -0.989986111666667
26
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean X
78
     0.782955611794872
26
                Time Gravity
                               Accelerometer
     SITTING
                                               NA
                                                     NA
                                                          Mean Y
78
     0.223105562025641
                               Accelerometer
26
     SITTING
               Time Gravity
                                               NA
                                                     NA
                                                          Mean Z
     0.314387627435897
78
     SITTING
26
                               Accelerometer
                                                          SD
                                                               Х
                Time Gravity
                                               NA
                                                     NA
78
     -0.965082925641026
26
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Y
     -0.949286700807692
78
26
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Z
78
     -0.944580863846154
26
                Time Gravity
                                                     Magnitude Mean
     SITTING
                               Accelerometer
                                               NA
          -0.953079994102564
NA
26
     SITTING
               Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
     78
          -0.933602783410256
26
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
78
     -0.990144882307692
26
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
78
     -0.981740793333333
26
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
78
     -0.970423693717949
26
     SITTING
                          Gyroscope NA
                                               SD
                                                     Х
               Freq NA
                                          NA
```

```
78
     -0.991318436410256
26
     SITTING
                          Gyroscope NA
                                               SD
                                                    Y
               Freq NA
                                          NA
78
     -0.969488188974359
26
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
78
     -0.968266666923077
26
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
78
     -0.97646387
26
     SITTING
               Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
78
     -0.963650652307692
26
     SITTING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
78
     -0.993985447564103
26
     SITTING
                          Gyroscope Jerk Magnitude SD
                                                          NA
               Freq NA
78
     -0.99420976974359
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
78
     -0.982579546025641
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Y
78
     -0.954299410641026
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
78
     -0.967519149358974
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
78
     -0.978755176794872
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Y
78
     -0.937783538974359
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Z
78
     -0.94478134025641
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
78
     -0.952411043717949
26
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
78
     -0.934587699141026
26
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean X
78
     -0.992025427435897
26
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean Y
78
     -0.985862886410256
               Freq Body Accelerometer
26
     SITTING
                                          Jerk NA
                                                    Mean Z
78
     -0.987989982948718
26
               Freq Body Accelerometer
                                                          Х
     SITTING
                                          Jerk NA
                                                     SD
78
     -0.99329986051282
26
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
78
     -0.987754588717949
26
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
     SITTING
78
     -0.990693114358974
26
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
78
     -0.989481942820513
               Freq Body Accelerometer
26
     SITTING
                                          Jerk Magnitude SD
                                                               NA
78
     -0.989521272820513
26
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
     -0.0245345837959459
74
```

26	CHANDING	m: N	. 7	G	373	3.7.7	<b>W</b> = = =	37		
26	STANDING	Time N		Gyroscope	NA	NA	Mean	Y		
74	-0.0731385			G	377	377	M		7.4	
26	STANDING		IA	Gyroscope	NA	NA	Mean	Z	74	
	6706781351			G	377	377	ap.	37		
26	STANDING	Time N		Gyroscope	NA	NA	SD	X		
74	-0.9737853			C	3.7.73	3.7.73	CD.	37		
26	STANDING			Gyroscope	NA	NA	SD	Y		
74 26	-0.9824083			Curagana	<b>3.T.7</b> 3	<b>3.T.7</b> 3	CD	Z		
20 74	STANDING -0.9748913			Gyroscope	NA	NA	SD	Zi		
74 26	STANDING	Time N		Gyroscope	NΤΛ	Magni	+udo	Mean	NT 7N	
20 74	-0.9686739			Gyroscope	IVA	Magiii	Luue	Mean	IVA	
74 26	STANDING			Gyroscope	NT 7A	Magni	+1140	GD.	NA	
20 74	-0.9626535			Gyroscope	NA	Magiii	Luue	עמ	NA	
74 26	STANDING	Time N		Gyroscope	Tork	NT 7A	Moan	v		
20 74	-0.1003559			Gyroscope	nerk	NA	Mean	Λ		
74 26	STANDING			Gyroscope	Tork	NT 7A	Moan	v		
20 74	-0.0409011			Gyroscope	nerk	NA	Mean	1		
7 <del>4</del> 26	STANDING	Time N		Curoggono	Tork	NT 7A	Mean	7		
20 74	-0.0532541			Gyroscope	nerk	NA	Mean	Zi		
7 <del>4</del> 26	STANDING			Gyroscope	Tork	NT 7A	SD	X		
74	-0.9784724			Gyroscope	nerv	IVA	עכ	Λ		
7 <del>4</del> 26	STANDING			Gyroscope	Tork	NΤΛ	SD	Y		
74	-0.9897669			dyloscope	OELK	IVA	שמ	1		
26	STANDING	Time N		Gyroscope	Tork	NΔ	SD	Z		
74	-0.9859925			dyroscope	OGIK	1177	סט	7		
26	STANDING			Gyroscope	Jerk	Magni	tude	Mean	NΔ	
74	-0.9885448			dyrobcope	OCIA	nagin	Leade	ncun	1421	
26	STANDING	Time N		Gyroscope	Jerk	Magni	tude	SD	NA	
74	-0.9842537			Cyroboope	OCIN	1149111	caac	O.D	1111	
26				Accelerome	eter	NA	NA	Mean	X	74
	1270354054		, c u j	110001010111				110411		, -
26	STANDING		odv	Accelerome	eter	NA	NA	Mean	Y	
74	-0.0166608		_						_	
26	STANDING			Accelerome	eter	NA	NA	Mean	Z	
74	-0.110237		-							
26	STANDING			Accelerome	eter	NA	NA	SD	X	
74	-0.9930693		_			<b>-</b>		<del></del>		
26	STANDING			Accelerome	eter	NA	NA	SD	Y	
74	-0.9494661		_		- <b>-</b>	- · <del>-</del>		-		
26	STANDING			Accelerome	eter	NA	NA	SD	Z	
74	-0.9629884		_		-					
	STANDING			Accelerome	eter	NA	Magni	itude	Mean	NA
26	•		_				J			
26 74	-0.9685116	5943243	24							
74				Accelerome	eter	NA	Magni	itude	SD	NA
		Time B	ody	Accelerome	eter	NA	Magni	itude	SD	NA

0 071	F 2 F 7 O 2 O 7 O 7	2072									
26	5357820797		Doder	7 0001	orome	2+05	Torde	NT 70	Moon	37	74
	STANDING		воцу	Accel	erome	erer	Jerk	NA	Mean	ĭ	/4
	8173222640		Doder	7 0001	orome	2+05	Torde	NT 70	Moon	17	
26 74	STANDING -0.002194		_		erome	erer	Jerk	NA	Mean	Z	
74 26					orome	2+05	Torde	NT 70	CD.	V	
	STANDING		воау	Accel	erome	eter	Jerk	NA	SD	X	
74	-0.990498		Dod	7 ~ ~ ~ 1	0 m 0 m 1	- <del>-</del>	Tomle	NT 70	CD	37	
26	STANDING -0.975935		_	Accel	erome	eter	Jerk	NA	SD	Y	
74 26				7 ~ ~ ~ 1	0 m 0 m 1	- <del>-</del>	Totale	NT 70	CD	D	
26	STANDING -0.986693		_	Accel	erome	eter	Jerk	NA	SD	Z	
74 26				7 ~ ~ ~ 1	0 m 0 m 1	- <del>-</del>	Tomle	Maan	: ـ	Moon	<b>3.</b> 7.73
26	STANDING -0.986985		_	Accel	erome	eter	Jerk	magn.	rtude	Mean	NA
74 26				7 ~ ~ ~ 1	0 m 0 m 1	- <del>-</del>	Tomle	Maan	: ـ	CD	3.7.73
26	STANDING		_	Accel	erome	eter	Jerk	magn.	rtude	อบ	NA
74	-0.982626				7	1		37.7	377	M	37
26	STANDING			Lty	Acce.	Lerome	eter	NA	NA	Mean	Х
74	0.9654608				<b>3</b>	1		377	377	36	77
26	STANDING			Lty	Acce.	Lerome	eter	NA	NA	Mean	Y
74	-0.140315					,					_
26	STANDING			Lty	Acce.	lerome	eter	NA	NA	Mean	Z
74	0.0884142					,				a 5	
26	STANDING			Lty	Acce.	lerome	eter	NA	NA	SD	X
74	-0.992678					-					
26	STANDING			ıty	Acce.	lerome	eter	NA	NA	SD	Y
74	-0.966986				_	_					
26	STANDING			ity	Acce.	lerome	eter	NA	NA	SD	Z
74	-0.964228			_	_	_					
26	STANDING			4	Accel	lerome	eter	NA	Magn	itude	Mean
NA			694324								
26	STANDING		Gravi	_	Accel	lerome	eter	NA	Magn	itude	SD
NA			299189								
26	STANDING	_		Gyros	cope	NA	NA	Mean	X		
74	-0.969364										
26	STANDING	Freq		Gyros	cope	NA	NA	Mean	Y		
74	-0.983885	91027	027								
26	STANDING	Freq	NA	Gyros	cope	NA	NA	Mean	Z		
74	-0.974459	32378	3784								
26	STANDING	Freq	NA	Gyros	cope	NA	NA	SD	X		
74	-0.975321	64567	5676								
26	STANDING	Freq	NA	Gyros	cope	NA	NA	SD	Y		
74	-0.981740	87310	8108								
26	STANDING	Freq	NA	Gyros	cope	NA	NA	SD	Z		
74	-0.977351	005									
26	STANDING	Freq	NA	Gyros	cope	NA	Magn	itude	Mean	NA	
74	-0.972333	10864	8649								
26	STANDING	Freq	NA	Gyros	cope	NA	Magn	itude	SD	NA	
74	-0.962967	60581	0811								

```
26
     STANDING Freq NA
                          Gyroscope Jerk Magnitude Mean NA
74
     -0.985762255540541
26
     STANDING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
74
     -0.983313996081081
26
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean X
74
     -0.991993372297297
26
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
74
     -0.958402317837838
26
     STANDING Freq Body Accelerometer
                                                    Mean Z
                                         NA
                                               NA
74
     -0.97321515527027
26
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Х
                                         NA
                                               NA
74
     -0.993702408378378
26
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Υ
74
     -0.947829677432432
26
     STANDING Freq Body Accelerometer
                                                    SD
                                                         \mathbf{Z}
                                         NA
                                               NA
74
     -0.960027795540541
26
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude Mean NA
74
     -0.970605250405405
26
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude SD
                                                              NA
74
     -0.963909299324324
26
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
74
     -0.990586982162162
26
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Y
74
     -0.976267058648649
26
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Z
74
     -0.984563921216216
26
     STANDING Freq Body Accelerometer
                                                    SD
                                          Jerk NA
                                                         Х
74
     -0.991275662027027
26
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Y
74
     -0.977354949459459
                                                         Z
26
     STANDING Freq Body Accelerometer
                                                    SD
                                          Jerk NA
74
     -0.987428086216216
26
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
74
     -0.98287688945946
26
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
74
     -0.981129312702703
26
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
59
     -0.00334085938813559
26
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean Y
59
     -0.0841507651508475
26
     WALKING
                                               Mean Z
                                                         59
               Time NA
                          Gyroscope NA
                                         NA
0.0851069247830508
26
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Х
59
     -0.492885711355932
26
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Υ
59
     -0.57573544779661
26
     WALKING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Z
                                         NA
```

59	-0.354549059491525							
26	WALKING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
59	-0.392092024067797							
26	WALKING Time NA	Gyroscope	NA	Magn:	itude	SD	NA	
59 26	-0.538329286101695 WALKING Time NA	Curosanno	Tork	NTΛ	Moan	v		
59	WALKING Time NA -0.099411456038983	Gyroscope	nerk	NA	Mean	Λ		
26	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Y		
59	-0.0456538283033898	2 1						
26	WALKING Time NA	Gyroscope	Jerk	NA	Mean	Z		
59	-0.0492240545355932							
26	WALKING Time NA	Gyroscope	Jerk	NA	SD	X		
59 26	-0.417438636101695	Curagana	Torde	NT 70	CD	77		
26 59	WALKING Time NA -0.587000110847458	Gyroscope	Jerk	NA	SD	Y		
26	WALKING Time NA	Gyroscope	Jerk	NA	SD	Z		
59	-0.485543001525424	c/_crep.				_		
26	WALKING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
59	-0.51239882559322							
26	WALKING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
59	-0.603468672372881	<b>3</b> 3	. 1	373	377	<b>M</b> =	17	F.0
26	WALKING Time Body 9264443728814	Accelerome	eter	NA	NA	Mean	Х	59
26		Accelerome	eter	NA	NA	Mean	Y	
59	-0.0154259586949153	11000101011	2001	1411	1411	mean	-	
26		Accelerome	eter	NA	NA	Mean	$\mathbf{Z}$	
59	-0.108927011474576							
26	<del>-</del>	Accelerome	eter	NA	NA	SD	X	
59	-0.340185527559322					~-		
26	WALKING Time Body -0.136351391645763	Accelerome	eter	NA	NA	SD	Y	
59 26		Accelerome	otor	NA	NA	SD	Z	
59	-0.333486502542373	Accelerome	CCI	IVA	IVI	טט	4	
26		Accelerome	eter	NA	Magn	itude	Mean	NA
59	-0.223399171830508				_			
26		Accelerome	eter	NA	Magn	itude	SD	NA
59	-0.421848313898305	_		_				
26	<del>-</del>	Accelerome	eter	Jerk	NA	Mean	X	59
26	52303740728813 WALKING Time Body	Accelerome	otor	Jerk	NT 7N	Mean	v	59
	96712144372881	Accelerome	scer	DELK	IVA	Mean	1	39
26		Accelerome	eter	Jerk	NA	Mean	$\mathbf{z}$	
59	-0.00618305784355932							
26	WALKING Time Body	Accelerome	eter	Jerk	NA	SD	X	
59	-0.328452881355932							
26	<del>-</del>	Accelerome	eter	Jerk	NA	SD	Y	
59	-0.261863589338983							

```
Time Body Accelerometer
26
     WALKING
                                          Jerk NA
                                                     SD
                                                           \mathbf{z}
59
     -0.397483516101695
26
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
59
     -0.290758024915254
26
                Time Body Accelerometer
     WALKING
                                          Jerk Magnitude SD
                                                                NA
59
     -0.279350754237288
26
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean X
59
     0.960647754576271
26
                                Accelerometer
                                                          Mean Y
     WALKING
                Time Gravity
                                                NA
                                                     NA
59
     -0.133922185084746
26
                Time Gravity
                                Accelerometer
     WALKING
                                                NA
                                                     NA
                                                          Mean Z
59
     0.108738699508475
26
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
59
     -0.980055651016949
26
     WALKING
                Time Gravity
                                Accelerometer
                                                                Y
                                                NA
                                                     NA
                                                           SD
59
     -0.969040314237288
26
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Z
59
     -0.966231561694915
26
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.223399171830508
NA
     59
26
     WALKING
                                                NA
                                                     Magnitude SD
                Time Gravity
                                Accelerometer
NA
          -0.421848313898305
                          Gyroscope NA
                                                Mean X
26
     WALKING
                Freq NA
                                          NA
59
     -0.368112905762712
26
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
59
     -0.56182776559322
26
     WALKING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
59
     -0.318516813050847
26
     WALKING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
                Freq NA
59
     -0.532999609491525
26
                          Gyroscope NA
                                                     Υ
     WALKING
                Freq NA
                                          NA
                                                SD
59
     -0.587939604576271
26
     WALKING
                          Gyroscope NA
                                          NA
                                                SD
                                                     Z
                Freq NA
59
     -0.426232090508475
26
                          Gyroscope NA
                                          Magnitude Mean NA
     WALKING
                Freq NA
59
     -0.551927613050847
                          Gyroscope NA
26
     WALKING
                Freq NA
                                          Magnitude SD
                                                           NA
59
     -0.60946621661017
26
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
59
     -0.619461036101695
26
     WALKING
                          Gyroscope Jerk Magnitude SD
                                                          NA
                Freq NA
59
     -0.612930343220339
26
     WALKING
                Freq Body Accelerometer
                                                NA
                                                     Mean X
                                          NA
     -0.321959549661017
59
26
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
     -0.146702156576271
59
26
                Freq Body Accelerometer
     WALKING
                                          NA
                                                NA
                                                     Mean Z
```

59	-0.33953	39645593	322								
26	WALKING	Freq	Body	Accel	erome	eter	NA	NA	SD	X	
59	-0.34799	7925610	17								
26	WALKING	Freq	Body	Accel	erome	eter	NA	NA	SD	Y	
59	-0.18572	25832305	085								
26	WALKING	Freq	Body	Accel	erome	eter	NA	NA	SD	$\mathbf{Z}$	
59	-0.38444	5322372	2881								
26	WALKING	Freq	Body	Accel	erome	eter	NA	Magni	itude	Mean	NA
59	-0.37983	86742711	L864								
26	WALKING	Freq	Body	Accel	erome	eter	NA	Magni	itude	SD	NA
59	-0.53718	3967118	3644								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	Mean	X	
59	-0.36422	26764406	578								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	Mean	Y	
59	-0.29853	31982474	1576								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	Mean	Z	
59	-0.39867	3189830	508								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	SD	X	
59	-0.35106	5957627	7119								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	SD	Y	
59	-0.27195	2157220	339								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	NA	SD	Z	
59	-0.39653	0418305	085								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	Magni	itude	Mean	NA
59	-0.29335	8341186	5441								
26	WALKING	Freq	Body	Accel	erome	eter	Jerk	Magni	itude	SD	NA
59	-0.26894	8465423	3729								
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	Mean	X
50	-0.01075	2208236	5								
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	Mean	Y
50	-0.10038	32204216	8								
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	Mean	Z
50	0.082221	.399603									
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	SD	X
50	-0.33131	291446									
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	SD	Y
50	-0.47340	80504									
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	NA	SD	Z
50	-0.33205	02392									
26	WALKING_	_		Time	NA	Gyros	cope	NA	Magni	tude	Mean
NA	50 <b>-</b> 0.	2353146	52282								
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	NA	Magni	tude	SD
NA		2961582		5							
26	WALKING_	DOWNSTA	AIRS	Time	NA	Gyros	cope	Jerk	NA	Mean	X
50	-0.09924	6527503	36								
			TDC	піто	NT 7N	<b>a</b>		T1-	NT 7\	Mean	7.7
26 50	WALKING_ -0.03726	-		Time	NA	Gyros	cope	Jerk	IVA	Mean	Y

26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	Mean	Z
50	-0.0510587	4094								
26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	X
50	-0.1708426	76616								
26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Y
50	-0.5471984	382								
26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	NA	SD	Z
50	-0.3589516	378								
26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	Magni	Ltude	Mean
NA	50 -0.41	87798104								
26	WALKING_DO	WNSTAIRS	Time	NA	Gyros	scope	Jerk	Magni	Ltude	SD
NA	50 -0.46	3140795								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	Mean
X	50 0.279	2845828								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	Mean
Y	50 -0.01	.2625809667	778							
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	Mean
Z	50 -0.10	64396194								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	SD
X	50  0.173	95384962								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	SD
Y	50 -0.01	1629910112	2							
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	NA	SD
Z	50 -0.28	4807676								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	Magni	itude
Mean	NA 50	0.11437938	3742							
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	NA	Magni	itude
SD	NA 50	0.14700167	7906							
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	Mean
X	50  0.111	470787918								
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	Mean
Y	50 -0.00	7131601642	2							
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	Mean
Z	50 -0.01	189114264		_						
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	SD
X	_	8111641206		_						
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	SD
Y	_	6404902736		-						
26	WALKING_DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	SD
Z	_	93359516		_						
26	WALKING_DO		Time	Body	Accel	Lerome	eter	Jerk	Magni	itude
Mean	_	-0.1488562		_					-	
26	WALKING DO	WNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	Magni	itude
SD		-0.1113039		_					,	
26	WALKING_DO	WNSTAIRS	Time	Gravi	Lty	Accel	erome	eter	NA	NA
Mean	_	0.94679727			_					
26	WALKING_DO	WNSTAIRS	Time	Gravi	Lty	Accel	erome	eter	NA	NA
	_				-					

Mean	Y 50 -0.0799003	3729							
26	WALKING DOWNSTAIRS		Gravi	ity	Acce	lerome	eter	NA	NA
Mean	z 50 0.15390632	202							
26	WALKING_DOWNSTAIRS		Gravi	ity	Acce	lerome	eter	NA	NA
SD	X 50 -0.9627219								
26	WALKING_DOWNSTAIRS		Gravi	Lty	Accel	lerome	eter	NA	NA
SD	Y 50 -0.9354258		~						
26 GD	WALKING_DOWNSTAIRS		Gravi	Lty	Acce.	lerome	eter	NA	NA
SD	Z 50 -0.933081		G		7	1		377	
26	WALKING_DOWNSTAIRS itude Mean NA 50		Gravi 137938	_	Acce.	lerome	eter	NA	
маун. 26	WALKING DOWNSTAIRS				V C C O	lerome	o+or	NA	
	itude SD NA 50		700167	_	Acce.	rerome	erer	NA	
26	WALKING DOWNSTAIRS			Gyros	cone	NΔ	NA	Mean	Y
50	-0.12591815458	rreq	11/1	GYLOS	соре	INT	IVA	Mean	Λ
26	WALKING DOWNSTAIRS	Freq	NA	Gyros	scope	NΑ	NA	Mean	V
50	-0.44312621	rreq	1121	Gyror	осорс	1421	1421	ncun	-
26	WALKING DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	7.
50	-0.22138882542	1104		0,100	оче	-11-1	-11-1	110411	_
26	WALKING DOWNSTAIRS	Freq	NA	Gvros	scope	NA	NA	SD	Х
50	-0.3981998635	1		-1					
26	WALKING DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Y
50	-0.4975063388	-		-	-				
26	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Z
50	-0.434482187								
26	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	Mean
NA	50 -0.3345099466								
26	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	SD
NA	50 -0.39299065312								
26	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	Mean
NA	50 -0.4722007526								
26	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	Jerk	Magn	itude	SD
NA	50 -0.4894973794		_	_					
26	WALKING_DOWNSTAIRS	Freq	Body	Acce]	Lerome	eter	NA	NA	Mean
X	50 0.022800096142	_	_ ,						
26	WALKING_DOWNSTAIRS	-	Body	Accel	Lerome	eter	NA	NA	Mean
Y	50 <b>-0.</b> 00623700004		D1	<b>7</b> 7			373	373	26
26	WALKING_DOWNSTAIRS	Freq	воау	Acce]	Lerome	eter	NA	NA	Mean
Z 26	50 -0.2796400557	T-200	Dode	7~~~		- <del>-</del>	NT 70	377	CD
26	WALKING_DOWNSTAIRS 50 0.22678384386	rreq	воау	Acce]	rerome	eter	NA	NA	SD
X 26	WALKING DOWNSTAIRS	Frog	Podv	Acce]	loroma	otor	NA	NA	SD
2 O Y	50 -0.07828377782	_	воау	ACCE	reronie	e ce i	IVA	IVA	50
26	WALKING DOWNSTAIRS		Body	Acce]	larome	a+or	NA	NA	SD
Z	50 <b>-0.</b> 3466485178	rred	ьочу	ACCE	LCT OHE	CET	1117	W	
26	WALKING DOWNSTAIRS	Frea	Body	Acce]	lerome	eter	NA	Magn	itude
Mean	<del>_</del>	_	Louy	110001			1411		
110411		- 1000							

26	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	Magn	itude
SD 26	NA 50 0.00574943 WALKING DOWNSTAIRS		Pody	Nagoloroma	tor	Jerk	NT 7A	Mean
2 0 X	50 -0.201368098258	_	ьоцу	Accelerome	scer	nerk	NA	Mean
26	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	Mean
Y	50 -0.165552378156	_	_					
26	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
${f z}$	50 -0.3601146078							
26	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
X	50 -0.130825898392			_		_ ,		
26	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
Y	50 <b>-0.</b> 061537065488		D1	7 7		T1-	377	ap.
26	WALKING_DOWNSTAIRS 50 -0.3967016908	Freq	воау	Accelerome	eter	Jerk	NA	SD
Z 26	50 -0.3967016908 WALKING DOWNSTAIRS	Eroc	Podra	Aggoloromo	tor	Tork	Magn	: + 11do
Mean	<del>-</del>	_	ьоцу	Accelerome	ecer	nerk	Magii.	Luue
26	WALKING DOWNSTAIRS		Body	Accelerome	ter	Jerk	Magn	i +ııde
SD	NA 50 -0.0679410	_	_	ACCELCTOM	CCI	OCIK	nagiii	Luuc
26	WALKING UPSTAIRS	Time		Gyroscope	NA	NA	Mean	X
55	-0.0247950825654545	1 11110	-11-1	o <sub>1</sub> rozoopo	-11-1	-11-1	man	
26	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
55	-0.0657601804418182			<b>2 1</b>				
26	WALKING UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
55	0.0721458973490909							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
55	-0.550274396							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
55	-0.603097110545455							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$
55	-0.3090880546							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	55 -0.344427047636							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magn	itude	SD
NA	55 -0.514032410181							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
55	-0.0975590199454545							
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
55	-0.0386244096705455	_						
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
55	-0.0595558392545455	_						
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
55	-0.515829417272727				_			
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
55	-0.725210290909091					••	<b>~</b> -	_
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NΑ	SD	Z
55	-0.556390218	m:	373	<b>G</b>	<b>-</b> 1	36-		37 -
26	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magn	Ltude	Mean

```
NA
     55
          -0.648099850181818
26
     WALKING UPSTAIRS
                                    Gyroscope Jerk Magnitude SD
                          Time NA
NA
     55
          -0.661829656545455
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Х
          0.272691394545455
26
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    NA
                                                         NA
                                                               Mean
Y
          -0.0281633797398182
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               Mean
Z
          -0.121943461236364
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Х
          -0.169006952418182
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Y
          -0.0491726302763636
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         NA
                                                               SD
Z
          -0.404596936545455
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
          55
               -0.142874499381818
Mean NA
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    NA
                                                         Magnitude
SD
          55
               -0.1507071068
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Х
          0.0755645318545455
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
          0.00209171684890909
Y
     55
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.0117089275472727
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Χ
          -0.290879965872727
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Y
          -0.399771473818182
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               SD
Z
          -0.677995585454545
26
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          55
               -0.404463896363636
                          Time Body Accelerometer Jerk Magnitude
26
     WALKING UPSTAIRS
SD
               -0.334531344727273
          55
26
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean X
          55
                0.942095257090909
26
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
          55
               -0.246169656181818
Mean Y
26
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                               NA
                -0.00199310572363636
Mean Z
          55
26
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
          55
               -0.962011392181818
                          Time Gravity
                                          Accelerometer
26
     WALKING UPSTAIRS
                                                         NA
                                                               NA
SD
          55
               -0.937858157818182
                          Time Gravity
26
     WALKING UPSTAIRS
                                          Accelerometer
                                                         NA
                                                               NA
               -0.929636797636364
SD
          55
```

26	WALKING UPSTAIRS	Time	Gravi	ity	Acce	Lerome	eter	NA	
	itude Mean NA 55			199381					
26	WALKING UPSTAIRS	Time	Grav	ity	Acce	Lerome	eter	NA	
Magn	itude SD NA 55		50707	-					
26	WALKING UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	X
55	-0.427686570727273	-		-	-				
26	WALKING UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Y
55	-0.617112539636364			_	_				
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	Mean	Z
55	-0.342703926363636								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	X
55	-0.590812298								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Y
55	-0.598236639818182								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	NA	SD	Z
55	-0.362052183090909								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	Magn	itude	Mean
NA	55 -0.556084778181	L818							
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	NA	Magn	itude	SD
AV	55 -0.569632								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	Jerk	Magn	itude	Mean
NA	55 -0.673580662727								
26	WALKING_UPSTAIRS	Freq	NA	Gyros	cope	Jerk	Magn	itude	SD
NA	55 -0.669846294545		_	_					
26	WALKING_UPSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
X	55 -0.242820756127		_	_					
26	WALKING_UPSTAIRS	_	Body	Accel	erome	eter	NA	NA	Mean
Y	55 -0.185528313272		_ ,						
26	WALKING_UPSTAIRS	_	Воду	Accel	erome	eter	NA	NA	Mean
Z	55 <b>-0.</b> 499502759272		D1	2 7			37.7	377	an
26	WALKING_UPSTAIRS	_	воау	Accel	erome	eter	NA	NA	SD
X 2.6	55 -0.142843838381		Doder	7.0001	0 × 0 m		NT 70	NT 7N	CD
26 Y	WALKING_UPSTAIRS 55 -0.043947307358	_	воау	Accel	erome	eter	NA	NA	SD
1 26	WALKING UPSTAIRS		Podu	Accel	orome	o+or	NA	NA	SD
2 0 Z	55 <b>-0.</b> 400902256363	_	ьоцу	Accer	ET OIII	scer	IVA	IVA	שט
26	WALKING UPSTAIRS		Body	Accel	oroma	o+or	NA	Magn	itude
Mean	<del>_</del>	_	_	Accer	ET OIII	ece1	IVA	Magii.	rcude
26				Accel	erome	ater	NA	Magn	itude
SD	NA 55 -0.2742262	_	_	ACCCI	CIOIII	CCI	1471	nagii.	Lcuuc
26	WALKING UPSTAIRS			Accel	erome	oter	Jerk	NΑ	Mean
X	55 <b>-0.</b> 304540556345	_	Dody	710001	CIOIII	CCI	OCIK	1421	nean
26	WALKING UPSTAIRS		Body	Accel	erome	eter	Jerk	NΑ	Mean
Y	55 <b>-0.</b> 419344696	4			51.10		1.		
26	WALKING UPSTAIRS	Frea	Bodv	Accel	erome	eter	Jerk	NA	Mean
Z	55 -0.639741264909	_	1			- <del></del>		<b>-</b>	
26	WALKING UPSTAIRS		Bodv	Accel	erome	eter	Jerk	NA	SD
	·	1	1						_

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Х
     55
          -0.342075432
26
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
     55
          -0.420055781272727
26
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
     55
          -0.715726893818182
26
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
Mean NA
          55
                -0.294970470909091
26
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
          55
                -0.393715352181818
     NA
27
     LAYING
                Time NA
                           Gyroscope NA
                                           NA
                                                Mean X
74
     -0.0195427328781081
27
                Time NA
                          Gyroscope NA
                                                Mean Y
     LAYING
                                           NA
74
     -0.0957839566891892
27
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                Mean Z
                                                           74
0.118738360783784
27
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Х
74
     -0.988837212162162
2.7
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Υ
74
     -0.98428747527027
27
     LAYING
                Time NA
                          Gyroscope NA
                                           NA
                                                SD
                                                      \mathbf{Z}
74
     -0.97837499972973
27
     LAYING
                Time NA
                          Gyroscope NA
                                           Magnitude Mean NA
74
     -0.966917594459459
                          Gyroscope NA
27
     LAYING
                Time NA
                                           Magnitude SD
                                                           NA
74
     -0.971915732837838
27
                Time NA
     LAYING
                           Gyroscope Jerk NA
                                                Mean X
74
     -0.101147695256757
                Time NA
2.7
     LAYING
                           Gyroscope Jerk NA
                                                Mean Y
74
     -0.0362186160902703
27
     LAYING
                Time NA
                           Gyroscope Jerk NA
                                                Mean Z
74
     -0.0642797849864865
27
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
                                                     Х
74
     -0.993503720810811
                Time NA
27
     LAYING
                          Gyroscope Jerk NA
                                                SD
                                                     Y
74
     -0.993025877297297
27
                                                      Z
     LAYING
                Time NA
                          Gyroscope Jerk NA
                                                SD
74
     -0.993296720540541
27
     LAYING
                Time NA
                          Gyroscope Jerk Magnitude Mean NA
     -0.994355043783784
74
27
                Time NA
                          Gyroscope Jerk Magnitude SD
     LAYING
                                                           NA
74
     -0.993484313243243
                Time Body Accelerometer
27
     LAYING
                                                NA
                                                     Mean X
                                                                74
                                           NA
0.274102492432432
27
     LAYING
                Time Body Accelerometer
                                           NA
                                                NA
                                                     Mean Y
74
     -0.0179867611216216
27
                Time Body Accelerometer
     LAYING
                                           NA
                                                NA
                                                     Mean Z
     -0.107699732837838
74
```

27	<del>-</del>	Accelerometer	NA	NA	SD	X	
74 27	-0.978455153108108 LAYING Time Body	Accelerometer	NA	NA	SD	Y	
74	-0.983736043783784		377	377	ap.		
27 74	LAYING Time Body -0.986636996081081	Accelerometer	NA	NA	SD	Z	
27 74	LAYING Time Body -0.982091652162162	Accelerometer	NA	Magn	itude	Mean	NA
74 27		Accelerometer	NA	Magn	itude	SD	NA
74 27	-0.978920176216216 LAYING Time Body	Accelerometer	Jork	NΙΛ	Mean	v	74
	66268551324324	Acceletometel	DELK	IVA	Mean	Λ	74
27	LAYING Time Body	Accelerometer	Jerk	NA	Mean	Y	74
	26491088851351						
27	_	Accelerometer	Jerk	NA	Mean	Z	
74 27	-0.00068554929283783 LAYING Time Body		Tork	NT 7A	SD	X	
74	-0.986471899324324	Acceletometel	DELK	IVA	שנ	Λ	
27		Accelerometer	Jerk	NA	SD	Y	
74	-0.985159461756757						
27	LAYING Time Body	Accelerometer	Jerk	NA	SD	Z	
74	-0.989685146621622	3	T1-	Ma	. د د د د	M	37.7
27 74	LAYING Time Body -0.988372773648649	Accelerometer	Jerk	magn.	Ltude	Mean	NA
27		Accelerometer	Jerk	Magn	itude	SD	NA
74	-0.988586771351351			_			
27	LAYING Time Gravi	ity Accelerom	eter	NA	NA	Mean	X
74	-0.530434604864865	it. Accolonom	a+ a m	3.7.73	377	Moon	37
27 74	LAYING Time Gravi 0.567879494054054	ity Accelerom	eter	NA	NA	Mean	Y
27	LAYING Time Gravi	ity Accelerom	eter	NA	NA	Mean	Z
74	0.84539238027027	1					
27	LAYING Time Gravi	ity Accelerom	eter	NA	NA	SD	X
74	-0.971183862702703					<b>a</b> 5	
27 74	LAYING Time Gravi -0.993701742972973	ity Accelerom	eter	NA	NA	SD	Y
27	LAYING Time Gravi	ity Accelerom	eter	NA	NA	SD	Z
74	-0.989056311351351	10001010			-11-1	55	_
27	LAYING Time Gravi	ity Accelerom	eter	NA	Magn	itude	Mean
NA	74 -0.982091652162					_	
27	LAYING Time Gravi	_	eter	NA	Magn:	itude	SD
NA 27	74 -0.978920176216 LAYING Freq NA	Gyroscope NA	NA	Mean	Y		
74	-0.987028539054054	Cliopcobe My	11/1	iicuii	41		
27		Gyroscope NA	NA	Mean	Y		
74	-0.986795837297297						
27	LAYING Freq NA	Gyroscope NA	NA	Mean	Z		

```
74
     -0.979202019189189
27
                          Gyroscope NA
                                               SD
                                                     Х
     LAYING
               Freq NA
                                          NA
74
     -0.989382328918919
27
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
74
     -0.983052318513513
27
     LAYING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
74
     -0.980096438108108
27
     LAYING
               Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
74
     -0.979890667972973
27
     LAYING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
               Freq NA
74
     -0.971806236756757
27
     LAYING
                          Gyroscope Jerk Magnitude Mean NA
               Freq NA
74
     -0.993563778648649
27
     LAYING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
74
     -0.993552299324324
27
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean X
74
     -0.980631846891892
27
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Y
74
     -0.982915951891892
27
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     Mean Z
74
     -0.987356589864865
27
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
                                                          Х
74
     -0.977615702567568
               Freq Body Accelerometer
27
     LAYING
                                          NA
                                               NA
                                                     SD
                                                          Y
74
     -0.984269087972973
27
                                                          Z
     LAYING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                     SD
74
     -0.986582387972973
27
     LAYING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
74
     -0.981389017702703
27
               Freq Body Accelerometer
     LAYING
                                          NA
                                               Magnitude SD
                                                               NA
74
     -0.980296339054054
27
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     Mean X
74
     -0.986679572567568
27
               Freq Body Accelerometer
     LAYING
                                          Jerk NA
                                                     Mean Y
74
     -0.985257277297297
27
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     LAYING
74
     -0.988033129054054
27
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
74
     -0.987477465405405
27
               Freq Body Accelerometer
                                          Jerk NA
                                                          Υ
     LAYING
                                                     SD
74
     -0.986116008783784
27
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          \mathbf{Z}
74
     -0.989901169864865
               Freq Body Accelerometer
27
     LAYING
                                          Jerk Magnitude Mean NA
74
     -0.988098902567568
27
               Freq Body Accelerometer
     LAYING
                                          Jerk Magnitude SD
                                                               NA
74
     -0.988174859594595
```

27	SITTING	Time	NΔ	Gyroscope	NΑ	NA	Mean	x		
70	-0.037183			Суговсорс	1421	1421	ncun	21		
27	SITTING	Time		Gyroscope	NΑ	NA	Mean	γ		
70	-0.079734			0,100000	-11-1	-11-1	man	-		
27	SITTING	Time		Gyroscope	NA	NA	Mean	7.	70	
	375281215			0/200060				_		
27	SITTING	Time	NA	Gyroscope	NA	NA	SD	Х		
70	-0.988492			0/200060						
27	SITTING	Time		Gyroscope	NA	NA	SD	Y		
70	-0.982067			0,100000	-11-1	-11-1		-		
27	SITTING	Time		Gyroscope	NA	NA	SD	Z		
70	-0.975713			0/200060				_		
27	SITTING			Gyroscope	NA	Magn	itude	Mean	NA	
70	-0.963565		1111	o, roboops	-11-1	1149111	zouuo	110411	-11-1	
27	SITTING	Time	NΔ	Gyroscope	NΑ	Magn	itude	SD	NA	
70	-0.970782			Cyroboope	1111	114911	Loude	OD.	1111	
7	SITTING	Time		Gyroscope	Jerk	NΑ	Mean	x		
70	-0.095163		1111	Cyroboope	OCIN	1411	ncun	21		
27	SITTING	Time	NΔ	Gyroscope	Jerk	NΑ	Mean	V		
70	-0.039641			Суговсорс	OCIK	1421	ncan	-		
, c 27	SITTING	Time		Gyroscope	Jerk	NΑ	Mean	7.		
70	-0.0503883			Суговсорс	OCIK	1421	iicaii	_		
7	SITTING	Time		Gyroscope	Jerk	NΑ	SD	X		
70	-0.993640			Суговсорс	OCIK	1421	DD	21		
7	SITTING	Time		Gyroscope	Jerk	NΑ	SD	Y		
70	-0.992226			Суговсорс	OCIK	1421	DD	-		
7	SITTING			Gyroscope	Jerk	NΑ	SD	Z		
70	-0.991766			Cyroboope	OCIN	1411	DD	-		
, c 27	SITTING	Time		Gyroscope	Jerk	Magn	i tude	Mean	NA	
70	-0.994034			0,100000	00111	1149111	zouuo	110411	-11-1	
27	SITTING	Time		Gyroscope	Jerk	Magn	i tude	SD	NA	
70	-0.9921128			o, roboops	00111	1149111	zouuo	22	-11-1	
, c 27	SITTING			Accelerome	eter	NA	NA	Mean	x	70
	941302571		Doug	11000101011	3001	-11-1	-11-1	110411		, 0
27	SITTING		Body	Accelerome	eter	NA	NA	Mean	Y	
70	-0.0155269		_	11000101011	3001	-11-1	-11-1	110411	-	
27	SITTING			Accelerome	eter	NA	NA	Mean	7.	
70	-0.1055219		_	110001010111	2001	1411	1411	ncan	_	
27	SITTING			Accelerome	eter	NA	NA	SD	Х	
70	-0.988580		_	110001010111	2001	1411	1411	OD.	21	
27	SITTING			Accelerome	eter	NA	NA	SD	Y	
70	-0.971579		_	110001010111	2001	1411	1411	OD.	-	
27	SITTING			Accelerome	eter	NA	NA	SD	Z	
70	-0.965858°		_	110001010110		414.1	414.1	22	_	
27	SITTING			Accelerome	eter	NA	Magn	itude	Mean	NΑ
70	-0.979481		_	110001010110		414.1	114911-	Loude	11Cuii	7477
27	SITTING			Accelerome	eter	NA	Magn	itude	SD	NA
۷,	2111110	1 1111C	Louy	TOCCTOTONIC	- CCT	1117	114911	Luue	עט	747.7

```
70
     -0.969526674714286
27
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean X
                                                                70
0.0779038963571429
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean Y
                                                                70
0.004670724222
27
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean Z
70
     -0.00611285425957143
27
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Х
70
     -0.990658097857143
27
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           Υ
70
     -0.985097470714286
27
     SITTING
                Time Body Accelerometer
                                           Jerk NA
                                                      SD
                                                           \mathbf{Z}
70
     -0.988904001571429
27
     SITTING
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
70
     -0.989467178285714
27
     SITTING
                Time Body Accelerometer
                                           Jerk Magnitude SD
                                                                NA
     -0.989200539571429
70
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean X
70
     0.839464714
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Y
70
     0.212947021371429
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Z
70
     0.276417431042857
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
70
     -0.982445738
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
70
     -0.982553336571429
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                7.
70
     -0.967268066
27
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
          -0.979481668857143
     70
27
     SITTING
                Time Gravity
                                                     Magnitude SD
                                Accelerometer
                                                NA
NA
     70
          -0.969526674714286
27
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean X
70
     -0.987207904714286
27
     SITTING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Y
70
     -0.984141119142857
27
     SITTING
                Freq NA
                          Gyroscope NA
                                                Mean Z
                                           NA
70
     -0.976848134285714
27
     SITTING
                          Gyroscope NA
                                                     Х
                Freq NA
                                           NA
                                                SD
70
     -0.988984618428571
27
     SITTING
                Freq NA
                          Gyroscope NA
                                                     Y
                                           NA
                                                SD
70
     -0.981037690285714
                          Gyroscope NA
27
     SITTING
                                                SD
                                                      7.
                Freq NA
                                           NA
70
     -0.977595519142857
27
     SITTING
                          Gyroscope NA
                Freq NA
                                           Magnitude Mean NA
70
     -0.979482820857143
```

```
Freq NA
27
     SITTING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
70
     -0.970528266285714
                          Gyroscope Jerk Magnitude Mean NA
27
     SITTING
               Freq NA
70
     -0.992390264285714
27
                          Gyroscope Jerk Magnitude SD
     SITTING
               Freq NA
                                                          NA
70
     -0.991967776285714
27
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    Mean X
                                          NA
70
     -0.988682108428571
27
               Freq Body Accelerometer
                                               NΑ
                                                    Mean Y
     SITTING
                                          NA
70
     -0.974057855571429
27
     SITTING
               Freq Body Accelerometer
                                                    Mean Z
                                          NA
                                               NA
70
     -0.974665817
27
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Х
70
     -0.988659196428571
27
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    SD
                                                          Υ
                                          NA
70
     -0.971266062714286
27
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Z
70
     -0.963220672571429
27
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
70
     -0.974766466714286
27
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
70
     -0.970885296857143
27
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
     SITTING
70
     -0.990839607428571
27
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
70
     -0.985238583714286
27
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean Z
70
     -0.987087721142857
               Freq Body Accelerometer
27
     SITTING
                                          Jerk NA
                                                    SD
                                                          Х
70
     -0.991292270714286
27
               Freq Body Accelerometer
                                                          Y
     SITTING
                                          Jerk NA
                                                    SD
70
     -0.986083114
27
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
70
     -0.989282516857143
27
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
70
     -0.988773269428571
27
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                               NA
70
     -0.988531651142857
27
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
80
     -0.026731653905
27
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
80
     -0.067507120075
27
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          80
0.07168414632375
27
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
80
     -0.9699020075
27
     STANDING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Y
                                          NA
```

80	-0.982498991125							
27	STANDING Time NA	Gyroscope	NA	NA	SD	Z		
80	-0.981281807	o <sub>1</sub> =occ <sub>F</sub> c				_		
27	STANDING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
80	-0.968702956625							
27	STANDING Time NA	Gyroscope	NA	Magn	itude	SD	NA	
80	-0.965693334							
27	STANDING Time NA	Gyroscope	Jerk	NA	Mean	X		
80	-0.0987605078625							
27	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Y		
80	-0.0417471753375		_ ,			_		
27	STANDING Time NA	Gyroscope	Jerk	NA	Mean	Z		
80	-0.051403918985	C	Tomle	<b>3.</b> 7.70	CD	v		
27 80	STANDING Time NA -0.9826424495	Gyroscope	Jerk	NA	SD	X		
27	STANDING Time NA	Gyroscope	Jork	NI 7\	SD	Y		
80	-0.990798007875	Gyroscope	OGIV	IVA	שט	1		
27	STANDING Time NA	Gyroscope	Jerk	NΑ	SD	Z		
80	-0.9889703575	суговоорс	OCIN	1111	S B	_		
27	STANDING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
80	-0.989532103875	2 1		,			-	
27	STANDING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
80	-0.988819784			_				
27	STANDING Time Body	Accelerome	eter	NA	NA	Mean	X	80
0.279	9566921625							
27	<del>-</del>	Accelerome	eter	NA	NA	Mean	Y	
80	-0.016593236445							
27	<del>-</del>	Accelerome	eter	NA	NA	Mean	Z	
80	-0.107835818025	_						
27	<b>-</b>	Accelerome	eter	NA	NA	SD	X	
80	-0.9919515835	7 7		377	377	an.	37	
27	_	Accelerome	eter	NA	NA	SD	Y	
80 27	-0.955171419 STANDING Time Body	Aggoloroma	o+or	NT 7N	NT 7N	SD	7	
80	-0.962408444875	Accelerome	ecer	NA	NA	עט	Z	
27		Accelerome	eter	NA	Magn	i +ııde	Mean	NΔ
80	-0.972753287375	7100010110	CCI	1421	magii.	Lcuuc	neun	1421
27		Accelerome	eter	NA	Magn	itude	SD	NA
80	-0.9663601145				,			
27	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	X	80
0.074	1969980825							
27	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	Y	80
0.012	22433312349875							
27	STANDING Time Body	Accelerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
80	-0.00137950299425							
27	_	Accelerome	eter	Jerk	NA	SD	X	
80	-0.987628362							

```
27
     STANDING Time Body Accelerometer
                                         Jerk NA
                                                   SD
                                                        Y
80
     -0.975829725
               Time Body Accelerometer
27
     STANDING
                                         Jerk NA
                                                   SD
                                                        7.
80
     -0.987354788
27
               Time Body Accelerometer
                                         Jerk Magnitude Mean NA
     STANDING
80
     -0.985347620125
27
     STANDING
               Time Body Accelerometer
                                        Jerk Magnitude SD
                                                             NA
80
     -0.98415908975
               Time Gravity
27
     STANDING
                              Accelerometer
                                                   NA
                                              NA
                                                        Mean X
80
     0.965351492
27
     STANDING
               Time Gravity
                              Accelerometer
                                                   NA
                                                        Mean Y
                                              NA
80
     -0.188504847375
27
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                   NA
                                                        Mean Z
80
     -0.00557416876082625
27
     STANDING
               Time Gravity
                              Accelerometer
                                                   NA
                                                        SD
                                                             Х
                                              NA
80
     -0.994012162875
27
                                                             Y
     STANDING
               Time Gravity
                              Accelerometer
                                              NA
                                                   NA
                                                        SD
80
     -0.97964105225
27
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                   NA
                                                        SD
                                                             Z
     -0.968169953625
80
27
     STANDING Time Gravity
                              Accelerometer
                                              NA
                                                   Magnitude Mean
NA
          -0.972753287375
27
     STANDING
               Time Gravity
                              Accelerometer
                                                   Magnitude SD
                                              NA
NA
          -0.9663601145
27
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean X
80
     -0.970149628875
27
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
80
     -0.983731873
                         Gyroscope NA
27
     STANDING Freq NA
                                         NA
                                              Mean Z
     -0.980862493125
80
27
                         Gyroscope NA
                                                   Х
     STANDING Freq NA
                                         NA
                                              SD
80
     -0.970221836375
27
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              SD
                                                   Y
80
     -0.98185775725
27
                         Gyroscope NA
                                              SD
                                                   Z
     STANDING Freq NA
                                         NA
80
     -0.983105048875
27
                         Gyroscope NA
                                         Magnitude Mean NA
     STANDING Freq NA
80
     -0.975525565625
27
     STANDING Freq NA
                         Gyroscope NA
                                         Magnitude SD
                                                        NA
80
     -0.96540017025
27
     STANDING Freq NA
                         Gyroscope Jerk Magnitude Mean NA
80
     -0.98941848275
27
     STANDING Freq NA
                         Gyroscope Jerk Magnitude SD
                                                        NA
     -0.988579092
80
27
     STANDING
               Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean X
80
     -0.99012181225
27
     STANDING Freq Body Accelerometer
                                         NA
                                              NA
                                                   Mean Y
```

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80
     -0.961356141125
27
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean Z
                                         NA
80
     -0.97414624525
27
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Х
80
     -0.99287582525
27
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Υ
80
     -0.954381606375
27
     STANDING
               Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Z
80
     -0.958924794125
27
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude Mean NA
     -0.973186182375
80
27
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude SD
                                                              NA
80
     -0.967529105125
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
80
     -0.987771749375
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Y
80
     -0.97586868
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean Z
80
     -0.9851113755
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Х
80
     -0.98860681
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Y
80
     -0.977605582
27
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Z
80
     -0.98820826225
27
     STANDING Freq Body Accelerometer
                                         Jerk Magnitude Mean NA
80
     -0.984151646
27
     STANDING
               Freq Body Accelerometer
                                         Jerk Magnitude SD
                                                              NA
80
     -0.983022277625
27
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean X
57
     -0.08558835714
27
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean Y
57
     -0.0365348163649123
27
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               Mean Z
                                                         57
0.118267750196491
27
     WALKING
                                                    Х
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
57
     -0.606860248596491
27
     WALKING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Y
                                         NA
57
     -0.529865057894737
27
     WALKING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Z
                                         NA
57
     -0.250120409298246
27
     WALKING
               Time NA
                          Gyroscope NA
                                         Magnitude Mean NA
57
     -0.396638753684211
27
     WALKING
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
57
     -0.482452355789474
                          Gyroscope Jerk NA
27
     WALKING
               Time NA
                                               Mean X
57
     -0.0786163508824035
```

27 57	WALKING -0.047697			Gyros	cope	Jerk	NA	Mean	Y		
27	WALKING	Time		Gyros	cope	Jerk	NA	Mean	Z		
57	-0.065024	75527	01754	_	_						
27	WALKING	Time	NA	Gyros	cope	Jerk	NA	SD	X		
57	-0.523256	87929	8246								
27	WALKING	Time		Gyros	cope	Jerk	NA	SD	Y		
57	-0.634105			_					_		
27	WALKING	Time		Gyros	cope	Jerk	NA	SD	Z		
57 27	-0.426346			Curoa	aono	Tords	Magni	±11d0	Moon	NT 70	
57	WALKING -0.562587			Gyros	cope	nerk	Magiii	Luue	Mean	NA	
27	WALKING	Time		Gyros	cone	Jerk	Magni	+11de	SD	NA	
57	-0.618718			dyros	СОРС	OCIK	nagin	cuac	DD	1421	
27	WALKING			Accel	erome	eter	NA	NA	Mean	X	57
	6849485438		1								
27	WALKING	Time	Body	Accel	erome	eter	NA	NA	Mean	Y	
57	-0.016647	87832	21912								
27	WALKING	Time	Body	Accel	erome	eter	NA	NA	Mean	$\mathbf{Z}$	
57	-0.112822	28926	3158								
27	WALKING		_	Accel	erome	eter	NA	NA	SD	X	
57	-0.348475										
27	WALKING		_	Accel	erome	eter	NA	NA	SD	Y	
57	-0.187301			31			377	377	an.		
27 57	WALKING -0.297318		_	Accel	erome	eter	NA	NA	SD	Z	
27	-0.297316 WALKING			Accel	arome	tor	NA	Magn	itude	Moan	NΔ
57	-0.238853		_	ACCCI	CIOIIIC	CCI	1421	nagn	Lcuuc	ricuii	1471
27	WALKING			Accel	erome	eter	NA	Magn	itude	SD	NA
57	-0.407355		_					,			
27	WALKING	Time	Body	Accel	erome	eter	Jerk	NA	Mean	X	57
0.06	8433197180	7018									
27	WALKING	Time	Body	Accel	erome	eter	Jerk	NA	Mean	Y	57
	1612302908										
27	WALKING		_	Accel	erome	eter	Jerk	NA	Mean	$\mathbf{Z}$	
57	-0.020752			_			_				
27	WALKING		_	Accel	erome	eter	Jerk	NA	SD	X	
57 27	-0.316184			7~~~1		+	Totale	<b>3.7.7</b>	CD	37	
27 57	WALKING -0.104090		_	Accel	erome	eter	Jerk	NA	SD	Y	
27	WALKING			Accel	arome	tor	Jork	NΙΔ	SD	Z	
57	-0.401188		_	ACCEI	CIOIIIC	CCI	DELK	11/1	מט	2	
27	WALKING			Accel	erome	eter	Jerk	Magn	itude	Mean	NA
57	-0.230500		_								,
27	WALKING			Accel	erome	eter	Jerk	Magn	itude	SD	NA
57	-0.266138		_					-			
27	WALKING	Time	Grav	ity	Accel	erome	eter	NA	NA	Mean	X

	0 0447500	07260401								
57	0.9447592			3 7	1		377	377	M	37
27	WALKING		ıty	Acce]	Lerome	eter	NA	NA	Mean	Y
57	-0.187497		:	7~~~	Lerome	- <del>-</del>	NT 70	NT 70	Moon	<b>17</b>
27	WALKING -0.126210		LLY	Accel	rerome	erer	NA	NA	Mean	Zı
57 27			:	7.000	loroma	2+05	NT 70	NT 70	CD	v
27 57	WALKING -0.979866		LLY	Accel	Lerome	erer	NA	NA	SD	X
27		Time Grav	:	7.000	loroma	2+05	NT 70	NT 70	CD	v
2 <i>1</i> 57	-0.973792		LLY	Accel	Lerome	erer	NA	NA	SD	Y
27	WALKING		: +	Acce]	loroma	otor	NA	NA	SD	Z
57	-0.956593		гсу	Accel	reronie	scer	IVA	IVA	עט	Zi
27	WALKING		i + 37	Accel	Lerome	a+or	NA	Magn:	itude	Mean
NA		38853875263	_	ACCE	reronie	s cer	IVA	Magii.	Lcude	Mean
27	WALKING			Accel	Lerome	ater	NA	Magn:	itude	SD
NA		0735578701	-	ACCCI	LCLOIR	CCI	1171	nagiii	Lcuuc	טט
27	WALKING	Freq NA		scope	NΑ	NA	Mean	x		
57	-0.498017	-	G/ I O	осорс	1111	1421	iicaii	21		
27	WALKING		Gyros	scope	NA	NA	Mean	Υ		
57	-0.534724	-	-1					_		
27	WALKING	Freq NA	Gvros	scope	NA	NA	Mean	Z		
57	-0.318182	-	4	_						
27	WALKING	Freq NA	Gyros	scope	NA	NA	SD	Х		
57	-0.642349	-	4	-						
27	WALKING	Freq NA	Gyros	scope	NA	NA	SD	Y		
57	-0.530943	838421053	-	-						
27	WALKING	Freq NA	Gyros	scope	NA	NA	SD	Z		
57	-0.297847	512280702								
27	WALKING	Freq NA	Gyros	scope	NA	Magn	itude	Mean	NA	
57	-0.519451	704035088								
27	WALKING	Freq NA	Gyros	scope	NA	Magn	itude	SD	NA	
57	-0.546888	146491228								
27	WALKING	Freq NA	Gyros	scope	Jerk	Magn	itude	Mean	NA	
57	-0.623288	199649123								
27	WALKING	Freq NA	Gyros	scope	Jerk	Magn	itude	SD	NA	
57	-0.639242	384210526								
27	WALKING	1 1	Acce]	Lerome	eter	NA	NA	Mean	X	
57	-0.308702									
27	WALKING	Freq Body	Acce]	Lerome	eter	NA	NA	Mean	Y	
57	-0.136783									
27	WALKING		Acce]	Lerome	eter	NA	NA	Mean	Z	
57	-0.312372		_							
27	WALKING	Freq Body	Accel	Lerome	eter	NA	NA	SD	X	
57	-0.365256			-	_					
27	WALKING		Acce	Lerome	eter	NA	NA	SD	Y	
57	-0.267741			•				<b>a</b> 5	_	
27	WALKING		Acce	Lerome	eter	NA	NA	SD	Z	
57	-0.345515	21/192982								

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27
     WALKING
                Freq Body Accelerometer
                                          NA
                                               Magnitude Mean NA
57
     -0.327229405789474
                                               Magnitude SD
27
     WALKING
               Freq Body Accelerometer
                                          NA
                                                               NA
57
     -0.550392604912281
27
                Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                     Mean X
57
     -0.345482736842105
27
     WALKING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
57
     -0.194767362438596
27
                                                     Mean Z
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
57
     -0.382617091578947
27
     WALKING
                Freq Body Accelerometer
                                                          Х
                                          Jerk NA
                                                     SD
57
     -0.346610413333333
27
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
57
     -0.0655179027631579
27
                Freq Body Accelerometer
                                                     SD
                                                          \mathbf{Z}
     WALKING
                                          Jerk NA
57
     -0.417957993859649
27
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
     WALKING
57
     -0.259934013157895
               Freq Body Accelerometer
27
     WALKING
                                          Jerk Magnitude SD
                                                               NA
57
     -0.279732022017544
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
     -0.159826551905227
44
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                          Mean Y
                                                     NA
44
     -0.0163131590545455
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
44
     0.152695027609091
27
                          Time NA
                                     Gyroscope NA
     WALKING DOWNSTAIRS
                                                     NA
                                                          SD
                                                               Х
44
     -0.363722908386364
     WALKING DOWNSTAIRS
                                     Gyroscope NA
27
                          Time NA
                                                     NA
                                                          SD
                                                               Y
44
     -0.481813367954545
                                                               Z
27
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                                                          SD
                          Time NA
                                                     NA
44
     -0.257846157386364
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
NA
     44
          -0.164783206536364
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
NA
          -0.307952089840909
     WALKING DOWNSTAIRS
27
                                     Gyroscope Jerk NA
                          Time NA
                                                          Mean X
44
     -0.0515814754272727
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
44
     -0.0642023574227273
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
44
     -0.0621043700545455
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Х
     -0.493837613409091
44
27
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Y
44
     -0.459459295681818
27
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk NA
                                                          SD
                                                               Z
                          Time NA
```

```
44 -0.307268262272727
```

- 27 WALKING DOWNSTAIRS Time NA Gyroscope Jerk Magnitude Mean
- NA 44 -0.440546586136364
- 27 WALKING DOWNSTAIRS Time NA Gyroscope Jerk Magnitude SD
- NA 44 -0.465807533547727
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer NA NA Mean
- X 44 0.2975441875
- 27 WALKING DOWNSTAIRS Time Body Accelerometer NA NA Mean
- Y 44 -0.0135564467159091
- 27 WALKING DOWNSTAIRS Time Body Accelerometer NA NA Mean
- Z 44 -0.112837694688636
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer NA NA SD
- X 44 0.167407531090909
- 27 WALKING DOWNSTAIRS Time Body Accelerometer NA NA SD
- Y 44 -0.0979710029522727
- 27 WALKING DOWNSTAIRS Time Body Accelerometer NA NA SD
- Z 44 -0.240040783340909
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer NA Magnitude
- Mean NA 44 0.108071382861364
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer NA Magnitude
- SD NA 44 0.121176277863636
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer Jerk NA Mean
- X 44 0.0936273220295455
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk NA Mean
- Y 44 0.0159869469363636
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk NA Mean
- Z 44 -0.00985034750909091
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk NA SD
- X 44 -0.00358338882727273
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk NA SD
- Y 44 -0.138528104113636
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk NA SD
- Z 44 -0.409310918409091
- 27 WALKING\_DOWNSTAIRS Time Body Accelerometer Jerk Magnitude
- Mean NA 44 -0.115421210625
- 27 WALKING DOWNSTAIRS Time Body Accelerometer Jerk Magnitude
- SD NA 44 -0.0386367422818182
- 27 WALKING\_DOWNSTAIRS Time Gravity Accelerometer NA NA
- Mean X 44 0.931380178636364
- 27 WALKING DOWNSTAIRS Time Gravity Accelerometer NA NA
- Mean Y 44 -0.166938774772727
- 27 WALKING DOWNSTAIRS Time Gravity Accelerometer NA NA
- Mean Z 44 -0.140047614122727
- 27 WALKING DOWNSTAIRS Time Gravity Accelerometer NA NA
- SD X 44 -0.946975165
- 27 WALKING DOWNSTAIRS Time Gravity Accelerometer NA NA
- SD Y 44 -0.934963993181818

27	WALKING_DOWNSTAIRS 7			ty	Accel	.erome	eter	NA	NA
SD	Z 44 -0.92092152								
27	WALKING_DOWNSTAIRS		Gravi 07138	_	Accel	.erome	eter	NA	
маун. 27					Accel	erome	ter	NA	
	<del>-</del>		17627	_		.erome	CEL	IVA	
27					cope	NA	NA	Mean	Х
44	-0.2966286115			-1					
27	WALKING DOWNSTAIRS E	req	NA	Gyros	cope	NA	NA	Mean	Y
44	-0.402132810611364								
27	WALKING_DOWNSTAIRS E	req	NA	Gyros	cope	NA	NA	Mean	$\mathbf{Z}$
44	-0.144904904113636								
27	<u> </u>	req	NA	Gyros	cope	NA	NA	SD	X
44	-0.390968436431818	_		_					
27	<del>_</del>	req	NA	Gyros	cope	NA	NA	SD	Y
44	-0.543033246590909	7 a. a. a.	377	C		3.7.73	NT 70	CD	7
27 44	WALKING_DOWNSTAIRS F -0.367816046590909	req	NA	Gyros	cope	NA	NA	SD	Z
27		req	NΔ	Gyros	cope	NΔ	Magni	+ııde	Mean
NA	44 -0.3591137247727	_	IVE	GYLOS	соре	IVA	Magiii	cude	Mean
27		req	NA	Gvros	cope	NA	Magni	tude	SD
NA	44 -0.3979841955681	_		-1			5		
27	WALKING DOWNSTAIRS E	req	NA	Gyros	cope	Jerk	Magni	tude	Mean
NA	44 -0.46777776875								
27	WALKING_DOWNSTAIRS E	req	NA	Gyros	cope	Jerk	Magni	tude	SD
NA	44 -0.5028313734772								
27	WALKING_DOWNSTAIRS E	_	Body	Accel	erome	ter	NA	NA	Mean
X	44 0.08298315450909		_ ,						
27	WALKING_DOWNSTAIRS E	_	воау	Accel	erome	eter	NA	NA	Mean
Y 27	44 -0.0626729573068 WALKING DOWNSTAIRS		Podrz	7.0001	oromo	tor	NA	NA	Mean
Z	44 -0.2416003610909	_	ьоцу	Accei	erone	cer	IVA	NA	Mean
27	WALKING DOWNSTAIRS E		Body	Accel	erome	ter	NΑ	NA	SD
X	44 0.19491271656818	_	2041	110001	01.01	.001		-11-1	
27	WALKING DOWNSTAIRS E		Body	Accel	erome	ter	NA	NA	SD
Y	44 -0.17564706475	-	-						
27	WALKING_DOWNSTAIRS E	req	Body	Accel	erome	ter	NA	NA	SD
Z	44 -0.3030907018636	536							
27	WALKING_DOWNSTAIRS F	_	_	Accel	erome	ter	NA	Magni	tude
Mean									
27	WALKING_DOWNSTAIRS E	_	_	Accel	erome	ter	NA	Magni	tude
SD	NA 44 -0.07121200						- 1		
27 v	WALKING_DOWNSTAIRS E	_	воду	Accel	erome	ter	Jerk	NA	Mean
X 27	44 -0.0437826262613 WALKING DOWNSTAIRS		Bod <sub>17</sub>	λααα <sup>1</sup>	aromo	tor	Jork	NΤΛ	Mean
2 / Y	44 -0.1709752706113	_	ьоцу	Accel	-erome	cel	Jerk	MA	Mean
27	WALKING DOWNSTAIRS E		Body	Accel	erome	ter	Jerk	NΑ	Mean
۲,		4	Doay	110001	CT OILL		OCLIV	7477	110411

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Z
     44
          -0.343626396295455
27
                         Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
     WALKING DOWNSTAIRS
Х
          -0.0522811342045455
27
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Y
          -0.163243978431818
27
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
          -0.474755492045455
27
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
                0.010857564025
Mean NA
          44
27
     WALKING DOWNSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
     NA
           44
                -0.113625944990909
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
51
     -0.0940344886803922
                          Time NA
27
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
51
     0.00212499391686275
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
51
     0.140129855776471
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
51
     -0.562461004705882
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
51
     -0.587966800588235
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Z
51
     -0.169960785215686
                                     Gyroscope NA
27
     WALKING UPSTAIRS
                          Time NA
                                                     Magnitude Mean
NA
     51
          -0.286145719598039
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
          -0.501775426447059
NA
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
51
     -0.0937518711117647
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
51
     -0.0509235220237255
27
                                     Gyroscope Jerk NA
     WALKING UPSTAIRS
                          Time NA
                                                          Mean Z
51
     -0.0629013722509804
                                     Gyroscope Jerk NA
27
     WALKING UPSTAIRS
                          Time NA
                                                          SD
                                                                Х
51
     -0.695774947647059
27
     WALKING UPSTAIRS
                                     Gyroscope Jerk NA
                                                                Y
                          Time NA
                                                          SD
51
     -0.711148438235294
                                                                \mathbf{Z}
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
51
     -0.676876469411765
27
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
     WALKING UPSTAIRS
NA
          -0.699895090784314
27
     WALKING UPSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
NA
     51
          -0.724671165490196
27
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Х
     51
          0.265770253921569
27
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
          -0.0200953324078431
Y
     51
```

27 WALKING UPSTAIRS	Time Body	Accelerometer	NA	NA	Mean
z 51 -0.1235304381	_				
27 WALKING_UPSTAIRS	_	Accelerometer	NA	NA	SD
X 51 -0.2954395472 27 WALKING UPSTAIRS		Accelerometer	NA	NA	SD
Y 51 -0.0950104077	-	Accelelometel	IVA	IVA	שמ
27 WALKING_UPSTAIRS		Accelerometer	NA	NA	SD
z 51 -0.2307078767					
27 WALKING_UPSTAIRS	_	Accelerometer	NA	Magn	itude
Mean NA 51 -0.16058 27 WALKING UPSTAIRS		lagoloromotor	NA	Magn	i+udo
<del>_</del>	378627451	Acceletometer	IVA	Magn	rcude
27 WALKING UPSTAIRS		Accelerometer	Jerk	NA	Mean
X   51   0.07347635320	_				
27 WALKING_UPSTAIRS	_	Accelerometer	Jerk	NA	Mean
Y 51 -0.0140229374		7 7 1	<b>T</b> 1-	373	Maran
27 WALKING_UPSTAIRS Z 51 0.00674679107	_	Accelerometer	Jerk	NA	Mean
27 WALKING UPSTAIRS		Accelerometer	Jerk	NA	SD
X 51 -0.4680661894	_				
27 WALKING_UPSTAIRS	_	Accelerometer	Jerk	NA	SD
Y 51 -0.4268334994					
27 WALKING_UPSTAIRS Z 51 -0.6337229350	_	Accelerometer	Jerk	NA	SD
Z 31 <b>-</b> 0.033/229330					
27 WALKING UPSTAIRS	Time Body	Accelerometer	Jerk	Magn	i tude
27 WALKING_UPSTAIRS Mean NA 51 -0.47906	Time Body 7422156863	Accelerometer	Jerk	Magn	itude
	7422156863				
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461	7422156863 Time Body 0567058824	Accelerometer	Jerk	Magn	itude
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav	Accelerometer	Jerk		
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000	7422156863 Time Body 0567058824 Time Grav 278627451	Accelerometer	Jerk neter	Magn:	itude NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav	Accelerometer	Jerk neter	Magn	itude
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843	Accelerometer ity Accelerom	Jerk meter meter	Magn:	itude NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078	Accelerometer ity Accelerom ity Accelerom ity Accelerom	Jerk meter meter meter	Magni NA NA	itude NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078	Accelerometer ity Accelerom ity Accelerom ity Accelerom	Jerk meter meter meter	Magn:	itude NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav	Accelerometer ity Accelerom ity Accelerom ity Accelerom ity Accelerom ity Accelerom	Jerk meter meter meter	Magn: NA NA NA	itude NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav	Accelerometer ity Accelerom ity Accelerom ity Accelerom	Jerk meter meter meter	Magni NA NA	itude NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451	Accelerometer ity Accelerom ity Accelerom ity Accelerom ity Accelerom ity Accelerom ity Accelerom	Jerk meter meter meter meter	Magn: NA NA NA	itude NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD X 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451 Time Grav 5381176471	Accelerometer ity Accelerom	Jerk meter meter meter meter meter	Magn: NA NA NA NA	itude NA NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Z 51 -0.92667 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451 Time Grav 5381176471 Time Grav	Accelerometer ity Accelerom	Jerk meter meter meter meter meter	Magn: NA NA NA NA	itude NA NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Z 51 -0.92667 27 WALKING_UPSTAIRS Magnitude Mean NA 51	7422156863 Time Body 0567058824 Time Grav 078627451 Time Grav 08659607843 Time Grav 08640196078 Time Grav 0874705882 Time Grav 0874705882 Time Grav 087471 Time Grav 087471 Time Grav	Accelerometer ity Accelerom 355980392	Jerk meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Z 51 -0.92667 27 WALKING_UPSTAIRS Magnitude Mean NA 51 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451 Time Grav 5381176471 Time Grav -0.160589 Time Grav	Accelerometer ity Accelerom 355980392 ity Accelerom	Jerk meter meter meter meter meter meter	Magni NA NA NA NA	itude NA NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Z 51 -0.92667 27 WALKING_UPSTAIRS Magnitude Mean NA 51 27 WALKING_UPSTAIRS	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451 Time Grav 5381176471 Time Grav -0.160589 Time Grav	Accelerometer ity Accelerom 355980392 ity Accelerom	Jerk meter meter meter meter meter meter	Magn: NA NA NA NA NA NA	itude NA NA NA NA NA
Mean NA 51 -0.47906 27 WALKING_UPSTAIRS SD NA 51 -0.46461 27 WALKING_UPSTAIRS Mean X 51 0.868000 27 WALKING_UPSTAIRS Mean Y 51 -0.22927 27 WALKING_UPSTAIRS Mean Z 51 -0.29464 27 WALKING_UPSTAIRS SD X 51 -0.95643 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Y 51 -0.94771 27 WALKING_UPSTAIRS SD Z 51 -0.92667 27 WALKING_UPSTAIRS Magnitude Mean NA 51 27 WALKING_UPSTAIRS Magnitude SD NA 51	7422156863 Time Body 0567058824 Time Grav 278627451 Time Grav 3659607843 Time Grav 2640196078 Time Grav 3874705882 Time Grav 3378627451 Time Grav 5381176471 Time Grav -0.160589 Time Grav	Accelerometer ity Accelerom 355980392 ity Accelerom 78627451	Jerk meter meter meter meter meter meter meter meter	Magn: NA NA NA NA NA NA NA	itude NA NA NA NA NA

51	0 50400	2579607843							
27	WALKING		Freq	NΔ	Gyroscope	NΔ	NA	Mean	7.
51	_	8455490196	rreq	1421	Суговсорс	1421	1421	ncun	_
27	WALKING		Freq	NA	Gyroscope	NA	NA	SD	X
51	_	4281745098	_						
27	WALKING_	UPSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
51	-0.58786	9474313725							
27	WALKING_		Freq	NA	${\tt Gyroscope}$	NA	NA	SD	Z
51		8696647059							
27	_	UPSTAIRS	_	NA	Gyroscope	NA	Magn:	itude	Mean
NA		607667730196		37.7	<b>C</b>	37.7	M =	:	an.
27 NA	_	UPSTAIRS 523335975411	_	NA	Gyroscope	NA	magn:	itude	รบ
27		UPSTAIRS		NΙΔ	Gyroscope	Jork	Magn:	i + 11de	Moan
NA	_	719179803725	_	IVA	дуговсоре	DELK	Magiii	Lcude	nean
27		UPSTAIRS		NA	Gyroscope	Jerk	Magn	itude	SD
NA	_	751714312941	_		-7F-		5		
27		UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
X	_	417607401176	_	_					
27	WALKING_	UPSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
Y		249688517843							
27	_	UPSTAIRS		Body	Accelerome	eter	NA	NA	Mean
Z		418886395098		_ ,					
27	_	UPSTAIRS	_	воду	Accelerome	eter	NA	NA	SD
X 27		253504065686 UPSTAIRS		Podv	Aggolorom	otor	NA	NA	SD
2 / Y	_	079405982294	_	ьоцу	Accelerome	erer	NA	NA	עפ
27		UPSTAIRS		Body	Accelerome	eter	NA	NA	SD
Z	_	19733887098(	_	Боау	riccercionic	CCI	1421	1421	SD.
27		UPSTAIRS		Body	Accelerome	eter	NA	Magn	itude
Mean	_		_	_				,	
27	WALKING_	UPSTAIRS	Freq	Body	Accelerome	eter	NA	Magn	itude
SD	NA 51	-0.4687077	734509	9804					
27	_	UPSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
X		503113856274							
27	_	UPSTAIRS	_	Body	Accelerome	eter	Jerk	NA	Mean
Y		442465612549		<b>.</b> .			- 1		
27	_	UPSTAIRS	_	воау	Accelerome	eter	Jerk	NA	Mean
Z 27		608544241568 UPSTAIRS		Podv	Accelerome	otor	Jerk	NT 7\	SD
X	_	478923372549	_	ьоцу	Acceletome	scer	DELK	IVA	שט
27		UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
Y .	_	45011643117 <i>6</i>	_	<b> 1</b>	<b> </b>	<b>-</b>	<b></b> -		-
27		UPSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
$\mathbf{Z}$	_	657139420784	_	-					
27	WALKING_	UPSTAIRS	Freq	Body	Accelerome	eter	Jerk	Magn	itude
Mean	NA 51	-0.4607702	277843	3137					

```
Freq Body Accelerometer Jerk Magnitude
27
     WALKING UPSTAIRS
SD
               -0.473011558823529
     NA
28
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
80
     -0.017367705735
28
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
80
     -0.097448733725
28
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          80
     LAYING
                                          NA
0.09357912315
28
               Time NA
                          Gyroscope NA
                                                    Х
     LAYING
                                          NA
                                               SD
80
     -0.95516227975
28
     LAYING
                          Gyroscope NA
                                                    Y
               Time NA
                                          NA
                                               SD
80
     -0.960057463625
28
     LAYING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Z
80
     -0.96237491175
28
                                          Magnitude Mean NA
     LAYING
               Time NA
                          Gyroscope NA
80
     -0.93710692125
28
     LAYING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
80
     -0.928940913375
28
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
80
     -0.1045116270375
28
     LAYING
                          Gyroscope Jerk NA
               Time NA
                                               Mean Y
80
     -0.03560100499625
28
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               Mean Z
80
     -0.05345019146375
28
     LAYING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
     -0.9608029485
80
28
                          Gyroscope Jerk NA
     LAYING
               Time NA
                                               SD
                                                    Y
80
     -0.98039978225
                          Gyroscope Jerk NA
28
     LAYING
               Time NA
                                               SD
                                                    Z
80
     -0.981418916
28
               Time NA
                          Gyroscope Jerk Magnitude Mean NA
     LAYING
80
     -0.978220270625
28
     LAYING
               Time NA
                          Gyroscope Jerk Magnitude SD
     -0.96977327725
80
               Time Body Accelerometer
                                                               80
28
     LAYING
                                               NA
                                                    Mean X
                                          NA
0.2759134825
28
               Time Body Accelerometer
     LAYING
                                          NA
                                               NA
                                                    Mean Y
80
     -0.0167537858225
28
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
80
     -0.1083448529625
28
               Time Body Accelerometer
     LAYING
                                          NA
                                               NA
                                                    SD
                                                          Х
80
     -0.9688882955
28
     LAYING
               Time Body Accelerometer
                                               NA
                                                    SD
                                                          Y
                                          NA
80
     -0.945386780375
28
     LAYING
               Time Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Z
     -0.956450342875
80
28
               Time Body Accelerometer
                                          NA
                                               Magnitude Mean NA
     LAYING
```

0.0	0 0501100005									
80	-0.95811223025		7 0 0 0	loroma	2+02	NT 70	Magn	: <b>+</b> d.o	CD	NT 7
28 80	LAYING Time -0.9545740295	Body	Acce.	rerome	erer	NA	Magii.	itude	מפ	NA
28		Body	Acce.	larome	a+or	Jerk	NΔ	Mean	Y	80
	80770644	: вост	ACCE.	reronie	e ce i	OGIK	IVA	Mean	Λ	00
28		Body	Acce	lerome	eter	Jerk	NΑ	Mean	v	80
	5939923320625	. вост	ACCC.	LCLOIR	CCI	OCIK	1421	ricuii	_	00
28		Body	Acce	lerome	eter	Jerk	NA	Mean	7.	80
	6009719386425	. Doug	11000		3001	00111	-11-1	man	_	
28		Body	Acce	Lerome	eter	Jerk	NA	SD	Х	
80	-0.9801647165	_								
28	LAYING Time	Body	Acce	Lerome	eter	Jerk	NA	SD	Y	
80	-0.97867953975	_								
28	LAYING Time	Body	Acce	Lerome	eter	Jerk	NA	SD	Z	
80	-0.97307165587	5								
28	LAYING Time	Body	Acce	Lerome	eter	Jerk	Magn	itude	Mean	NA
80	-0.97845534187	5								
28	LAYING Time	Body	Acce	Lerome	eter	Jerk	Magn	itude	SD	NA
80	-0.97331264787									
28		Grav	ity	Accel	lerome	eter	NA	NA	Mean	X
80	-0.49033454187									
28		Grav	ity	Acce	lerome	eter	NA	NA	Mean	Y
80	0.1440732745			_	_					
28		Grav	ity	Acce.	Lerome	eter	NA	NA	Mean	Z
80	0.0157570025	•			,				<b>a</b> 5	••
28		Grav.	ıty	Acce.	Lerome	eter	NA	NA	SD	X
80	-0.97059908937		: <b>.</b>	7 ~ ~ ~ ~	loroma	+02	NT 70	NT 70	CD	v
28 80	LAYING Time -0.9697590285	Grav	rcy	Acce.	rerome	erer	NA	NA	SD	Y
28		Grav	i + + + +	7000	loroma	tor	NA	NA	SD	Z
80	-0.97912466575		тсу	ACCE.	reronie	ecer	IVA	IVA	עט	L
28		Grav.	i + 37	Acce	lerome	ter	NA	Magn	itude	Mean
NA	80 <b>-0.</b> 958112		rcy	HCCC.	LCLOIII	CCI	1471	nagii	Lcuuc	ricun
28		Grav	itv	Acce	lerome	eter	NA	Magn	i tude	SD
NA	80 -0.954574		_ 0 1	11000		2001		1149111	zouuo	
28	LAYING Free		Gyros	scope	NA	NA	Mean	Х		
80	-0.94680423462	-	4	-						
28		NA	Gyros	scope	NA	NA	Mean	Y		
80	-0.9658244555	•	-	-						
28	LAYING Freq	NA	Gyros	scope	NA	NA	Mean	Z		
80	-0.96116484487	5								
28	LAYING Freq	NA	Gyros	scope	NA	NA	SD	X		
80	-0.958092114									
28	LAYING Freq	NA	Gyros	scope	NA	NA	SD	Y		
80	-0.95755298812	5								
28	-	NA	Gyros	scope	NA	NA	SD	Z		
80	-0.966312024									

28		Freq NA	Gyroscope	NA	Magn	itude	Mean	NA	
80 28		Freq NA	Gyroscope	NA	Magn	itude	SD	NA	
80 28	-0.931675	004125 Freq NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
80 28	-0.971830	582375 Freq NA	Gyroscope	Jerk	Magn	itude	SD	NA	
80	-0.969319	82125							
28 80	-0.973930		Accelerome	eter	NA	NA	Mean	X	
28			Accelerome	eter	NA	NA	Mean	Y	
80	-0.958436		nacel enem	- L - m	NT 70	377	Moon	<b>17</b>	
28 80	-0.961115		Accelerome	eter	NA	NA	Mean	Z	
28			Accelerome	eter	NA	NA	SD	Х	
80	-0.967324	863875							
28			Accelerome	eter	NA	NA	SD	Y	
80 28	-0.942003		Accelerome	ator	NA	NA	SD	Z	
80	-0.956770		Acceleronic	ECEI	IVA	IVA	שט	ப	
28	LAYING	Freq Body	Accelerome	eter	NA	Magn	itude	Mean	NA
80	-0.961035								
28			Accelerome	eter	NA	Magn:	itude	SD	NA
80 28	-0.957564		Accelerome	oter	Jerk	NΔ	Mean	x	
80	-0.980013		710001010III	CCI	OCIN	1411	ncan	21	
28	LAYING	Freq Body	Accelerome	eter	Jerk	NA	Mean	Y	
80	-0.978094								
28			Accelerome	eter	Jerk	NA	Mean	Z	
80 28	-0.970251		Accelerome	ator	Jerk	NΔ	SD	Х	
80	-0.982205		710001010III	CCI	OCIN	1411	DD	21	
28			Accelerome	eter	Jerk	NA	SD	Y	
80	-0.981117								
28	LAYING		Accelerome	eter	Jerk	NA	SD	Z	
80 28	-0.974530 LAYING		Accelerome	ator	Jork	Magn:	itude	Moan	NT 7N
80	-0.973436		Acceleronic	SCEI	OCIK	magii.	Luue	Mean	IVA
28			Accelerome	eter	Jerk	Magn	itude	SD	NA
80	-0.972336	128625							
28	SITTING	Time NA	Gyroscope	NA	NA	Mean	X		
72 28		8030166667 Time NA	Gyroscope	NΤΛ	NA	Mean	v		
72		3850555556	Gyroscope	IVA	IVA	Mean	1		
28	SITTING		Gyroscope	NA	NA	Mean	Z	72	
	7025401375								
28	SITTING	Time NA	Gyroscope	NA	NA	SD	X		

72	-0.979671983472222							
28	SITTING Time NA	Gyroscope	NA	NA	SD	Y		
72	-0.956316505972222							
28	SITTING Time NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
72	-0.9566328025	_						
28	SITTING Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
72 28	-0.955175567083333 SITTING Time NA	Gyroscope	NT 7N	Magn	: + 11do	CD	NT 7N	
72	-0.951065984027778	Gyroscope	IVA	Mayii.	itude	עמ	NA	
28	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Х		
72	-0.0953935055833333	2 1						
28	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Y		
72	-0.0408007786402778							
28	SITTING Time NA	Gyroscope	Jerk	NA	Mean	Z		
72	-0.0579015362166667		_					
28	SITTING Time NA	Gyroscope	Jerk	NA	SD	X		
72	-0.982155662638889	G	T1-	377	an	37		
28 72	SITTING Time NA -0.980713868611111	Gyroscope	Jerk	NA	SD	Y		
28	SITTING Time NA	Gyroscope	Jerk	NΔ	SD	Z		
72	-0.971001691388889	Суговсорс	OCIK	1421	DD.	_		
28	SITTING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
72	-0.981213159305556			_				
28	SITTING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
72	-0.978441918333333							
28		Accelerome	eter	NA	NA	Mean	X	72
	6977629444444		_					
28		Accelerome	eter	NA	NA	Mean	Y	
72 28	-0.0185404441258333 SITTING Time Body	Aggolorom	o+or	NT 7N	NT 7N	Moan	7	
72	-0.111517939555556	Accelerome	erer	NA	NA	Mean	Zı	
28		Accelerome	eter	NA	NA	SD	X	
72	-0.983272806805556	11000101	3001	-11-1	-11-1	22		
28		Accelerome	eter	NA	NA	SD	Y	
72	-0.939905244861111							
28	SITTING Time Body	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
72	-0.936667245694444							
28	<del>-</del>	Accelerome	eter	NA	Magn	itude	Mean	NA
72	-0.955789708611111	7 7		373	36		an	373
28 72	SITTING Time Body -0.947782703333333	Accelerome	eter	NA	Magn	itude	SD	NA
72 28		Accelerome	a+or	Jerk	NΙΔ	Mean	Y	72
	68671621527778	Accereronic	SCEL	DELK	INT	nean	Λ	72
28		Accelerome	eter	Jerk	NA	Mean	Y	72
	48338232684722	<b> </b>	-					
28	SITTING Time Body	Accelerome	eter	Jerk	NA	Mean	Z	72
0.000	0257854017638888							

```
Time Body Accelerometer
28
     SITTING
                                          Jerk NA
                                                     SD
                                                          Х
72
     -0.976286679444444
28
               Time Body Accelerometer
                                          Jerk NA
                                                          Υ
     SITTING
                                                     SD
72
     -0.962219452777778
                Time Body Accelerometer
                                                          \mathbf{z}
28
     SITTING
                                          Jerk NA
                                                     SD
72
     -0.976327426666667
28
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     SITTING
72
     -0.973274366805556
28
                Time Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                                NA
72
     -0.970301646111111
28
                Time Gravity
                               Accelerometer
     SITTING
                                               NA
                                                     NA
                                                          Mean X
72
     0.907331309166667
28
     SITTING
               Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          Mean Y
72
     -0.112596728361111
28
     SITTING
                Time Gravity
                               Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
72
     0.135402566816667
28
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                               Х
     SITTING
72
     -0.989132499583333
28
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     NA
                                                          SD
                                                                Y
72
     -0.971766352361111
28
                Time Gravity
                                                     NA
                                                          SD
                                                                Z
     SITTING
                               Accelerometer
                                                NA
72
     -0.956087679583333
28
                               Accelerometer
                                                     Magnitude Mean
     SITTING
                Time Gravity
                                               NA
NA
     72
          -0.955789708611111
28
     SITTING
                Time Gravity
                               Accelerometer
                                               NA
                                                     Magnitude SD
NA
     72
          -0.947782703333333
28
                                                Mean X
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
72
     -0.973724326388889
28
                          Gyroscope NA
                                          NA
                                               Mean Y
     SITTING
               Freq NA
72
     -0.963117633611111
28
                          Gyroscope NA
     SITTING
                Freq NA
                                          NA
                                                Mean Z
72
     -0.954180279027778
28
                          Gyroscope NA
                                                     Х
     SITTING
               Freq NA
                                          NA
                                                SD
72
     -0.98161514125
28
                                                     Υ
                          Gyroscope NA
     SITTING
               Freq NA
                                          NA
                                                SD
72
     -0.953207017222222
                          Gyroscope NA
                                                     Z
28
     SITTING
                Freq NA
                                          NA
                                                SD
72
     -0.961561036111111
28
     SITTING
                          Gyroscope NA
                                          Magnitude Mean NA
               Freq NA
72
     -0.960297525
28
     SITTING
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
                Freq NA
72
     -0.953534292638889
28
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
               Freq NA
72
     -0.979465868888889
28
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
72
     -0.97839537
28
                Freq Body Accelerometer
     SITTING
                                          NA
                                               NA
                                                     Mean X
```

```
72
     -0.979820142638889
28
     SITTING
               Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                          NA
72
     -0.946351650416667
28
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean Z
72
     -0.952226786666667
28
               Freq Body Accelerometer
                                                    SD
                                                          Х
     SITTING
                                          NA
                                               NA
72
     -0.984956708611111
28
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Y
72
     -0.939885478333333
28
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Z
72
     -0.9330454775
28
     SITTING
               Freq Body Accelerometer
                                               Magnitude Mean NA
                                          NA
72
     -0.953928124027778
28
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
72
     -0.95228142444444
28
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
72
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28
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
72
     -0.963054247083333
28
               Freq Body Accelerometer
     SITTING
                                          Jerk NA
                                                    Mean Z
72
     -0.972939551944444
28
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Х
72
     -0.977786782222222
28
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Y
72
     -0.96399042625
28
                                                          Z
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
72
     -0.978327769444444
28
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
72
     -0.969178686666667
28
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
72
     -0.970823336388889
28
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
79
     -0.0253281543540506
28
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
79
     -0.0739001646962025
28
     STANDING
               Time NA
                                               Mean Z
                                                          79
                          Gyroscope NA
                                          NA
0.0865173111012658
28
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
79
     -0.884032232405063
28
     STANDING Time NA
                          Gyroscope NA
                                                    Y
                                          NA
                                               SD
79
     -0.940006320126582
28
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    \mathbf{z}
79
     -0.925491442911392
               Time NA
28
     STANDING
                          Gyroscope NA
                                          Magnitude Mean NA
79
     -0.894242469620253
28
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
79
     -0.876917545696203
```

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28
     STANDING
               Time NA
                         Gyroscope Jerk NA
                                              Mean X
79
     -0.102248409070886
28
     STANDING
               Time NA
                         Gyroscope Jerk NA
                                              Mean Y
79
     -0.0431364662518987
28
     STANDING
               Time NA
                         Gyroscope Jerk NA
                                              Mean Z
79
     -0.0525896252375949
28
     STANDING
                         Gyroscope Jerk NA
                                              SD
                                                    Х
               Time NA
79
     -0.928343397721519
28
                         Gyroscope Jerk NA
                                                    Y
     STANDING
               Time NA
                                              SD
79
     -0.972977006708861
28
                         Gyroscope Jerk NA
                                                    Z
     STANDING
               Time NA
                                              SD
79
     -0.956497163670886
28
     STANDING
               Time NA
                         Gyroscope Jerk Magnitude Mean NA
79
     -0.959681019113924
28
     STANDING
               Time NA
                         Gyroscope Jerk Magnitude SD
                                                         NA
79
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28
     STANDING
               Time Body Accelerometer
                                              NA
                                                    Mean X
                                                              79
                                         NA
0.277795069113924
28
     STANDING
               Time Body Accelerometer
                                         NA
                                              NA
                                                    Mean Y
79
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28
               Time Body Accelerometer
     STANDING
                                         NA
                                              NA
                                                    Mean Z
79
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28
               Time Body Accelerometer
                                                         Х
     STANDING
                                         NA
                                              NA
                                                    SD
79
     -0.977748638607595
28
     STANDING
               Time Body Accelerometer
                                         NA
                                              NA
                                                    SD
                                                         Y
79
     -0.875689216835443
               Time Body Accelerometer
                                                         Z
28
     STANDING
                                         NA
                                              NA
                                                    SD
79
     -0.905123824177215
28
     STANDING
               Time Body Accelerometer
                                         NA
                                              Magnitude Mean NA
79
     -0.92547165164557
               Time Body Accelerometer
28
     STANDING
                                         NA
                                              Magnitude SD
                                                              NA
79
     -0.917658334177215
28
     STANDING
               Time Body Accelerometer
                                         Jerk NA
                                                    Mean X
                                                              79
0.0753131601898734
                                                              79
     STANDING
               Time Body Accelerometer
                                         Jerk NA
                                                    Mean Y
0.00907363218518987
28
               Time Body Accelerometer
     STANDING
                                         Jerk NA
                                                    Mean Z
     -0.00267810077607595
79
28
     STANDING
               Time Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Х
79
     -0.968604559620253
28
     STANDING
               Time Body Accelerometer
                                                         Y
                                         Jerk NA
                                                    SD
79
     -0.933768175063291
28
     STANDING
               Time Body Accelerometer
                                         Jerk NA
                                                    SD
                                                         Z
79
     -0.969765362025316
28
     STANDING
               Time Body Accelerometer
                                         Jerk Magnitude Mean NA
79
     -0.959551987468354
28
               Time Body Accelerometer
                                         Jerk Magnitude SD
     STANDING
                                                              NA
```

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79
     -0.954068391518987
28
     STANDING Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean X
79
     0.948514848481013
28
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                         Mean Y
79
     -0.247656166582278
28
               Time Gravity
                               Accelerometer
                                                         Mean Z
     STANDING
                                               NA
                                                    NA
79
     -0.0385830501632911
28
     STANDING Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               Х
79
     -0.990059426582279
28
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               Y
79
     -0.962801441898734
28
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    NA
                                                          SD
                                                               \mathbf{Z}
79
     -0.951782181518987
     STANDING
28
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude Mean
          -0.92547165164557
NA
28
     STANDING
               Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
          -0.917658334177215
NA
28
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               Mean X
79
     -0.880426103164557
28
     STANDING
              Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Y
79
     -0.948160785316456
28
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               Mean Z
79
     -0.926655192405063
     STANDING Freq NA
28
                          Gyroscope NA
                                          NA
                                               SD
                                                    Χ
     -0.886706768227848
79
28
                                                    Y
     STANDING Freq NA
                          Gyroscope NA
                                          NA
                                               SD
79
     -0.936101609113924
28
     STANDING
               Freq NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    \mathbf{z}
79
     -0.932039083037975
     STANDING Freq NA
28
                          Gyroscope NA
                                          Magnitude Mean NA
79
     -0.909652436329114
28
                                          Magnitude SD
     STANDING Freq NA
                          Gyroscope NA
                                                         NA
79
     -0.878459662025316
                          Gyroscope Jerk Magnitude Mean NA
28
     STANDING Freq NA
79
     -0.958758576835443
28
     STANDING Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
79
     -0.955983424556962
28
     STANDING Freq Body Accelerometer
                                          NA
                                               NA
                                                    Mean X
79
     -0.97251980164557
28
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean Y
                                          NA
79
     -0.893430392658228
28
     STANDING Freq Body Accelerometer
                                                    Mean Z
                                          NA
                                               NA
79
     -0.934503028481013
28
     STANDING Freq Body Accelerometer
                                                    SD
                                          NA
                                               NA
                                                         Х
79
     -0.98026749
     STANDING Freq Body Accelerometer
                                                         Y
28
                                          NA
                                               NA
                                                    SD
79
     -0.87446926556962
```

```
STANDING Freq Body Accelerometer
                                                    SD
28
                                         NA
                                               NA
                                                         Z
79
     -0.897600800886076
28
     STANDING
               Freq Body Accelerometer
                                         NA
                                               Magnitude Mean NA
79
     -0.929146479367089
     STANDING Freq Body Accelerometer
28
                                          NA
                                               Magnitude SD
                                                               NA
79
     -0.923857158227848
28
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
79
     -0.968513715189873
                                          Jerk NA
28
     STANDING Freq Body Accelerometer
                                                    Mean Y
79
     -0.93516897835443
28
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
79
     -0.964751238734177
28
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                         Х
79
     -0.971672796708861
28
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Y
                                          Jerk NA
79
     -0.936991280253165
     STANDING Freq Body Accelerometer
28
                                          Jerk NA
                                                    SD
                                                         Z
79
     -0.973572051898734
28
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
79
     -0.952727765189873
28
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
79
     -0.954963155316456
28
                                               Mean X
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
54
     -0.105896207861111
28
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
54
     -0.0172822168012963
                                               Mean Z
28
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                                         54
0.116065910925926
2.8
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Х
54
     -0.503798624074074
28
                                                    Υ
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
54
     -0.497684006666667
28
     WALKING
               Time NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Z
54
     -0.242601384618519
28
                          Gyroscope NA
                                         Magnitude Mean NA
     WALKING
               Time NA
54
     -0.310775945814815
28
     WALKING
               Time NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
54
     -0.460511661296296
28
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
54
     -0.092974671262963
28
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
54
     -0.0515394449611111
28
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
54
     -0.0593552479814815
28
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
54
     -0.399417082777778
28
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                                    Y
                                               SD
```

54	-0.63901855444444							
28	WALKING Time NA	Gyroscope	Jerk	NΑ	SD	Z		
54	-0.440927899259259	dyrobcope	OCIK	1421	OD.	_		
28	WALKING Time NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
54	-0.546248758518519							
28	WALKING Time NA	Gyroscope	Jerk	Magn	itude	SD	NA	
54	-0.579861194259259							
28	<del>-</del>	Accelerom	eter	NA	NA	Mean	X	54
	1228223888889							
28	<del>-</del>	Accelerom	eter	NA	NA	Mean	Y	
54	-0.0156759722981481	Aggolorom	a+ a m	NT 70	NT 70	Moon	7	
28 54	WALKING Time Body -0.103714705396296	Accelerom	erer	NA	NA	Mean	Z	
28		Accelerom	eter	NA	NA	SD	X	
54	-0.29300352222222	1100010101		1411	1411	S B	21	
28		Accelerom	eter	NA	NA	SD	Y	
54	-0.117886186425926							
28	WALKING Time Body	Accelerom	eter	NA	NA	SD	Z	
54	-0.300928395925926							
28	<del>-</del>	Accelerom	eter	NA	Magn	itude	Mean	NA
54	-0.1806660203	_						
28	<del>-</del>	Accelerom	eter	NA	Magn	itude	SD	NA
54	-0.39269402	7.000 7.000	a+ a = a	Totale	3.7.73	Moon	v	E 4
28	WALKING Time Body 31122231851852	Accelerom	eter	Jerk	NA	Mean	Х	54
28		Accelerom	eter	Jerk	NΑ	Mean	Y	54
	26486602722222	710001010III		OCIK	1421	ncun	-	31
28		Accelerom	eter	Jerk	NA	Mean	Z	
54	-0.0076291520166666							
28	WALKING Time Body	Accelerom	eter	Jerk	NA	SD	X	
54	-0.335700184259259							
28	<b>-</b>	Accelerom	eter	Jerk	NA	SD	Y	
54	-0.220123120851852						_	
28	<del>-</del>	Accelerom	eter	Jerk	NA	SD	Z	
54	-0.537470471666667	Aggolorom	a+ a m	Torde	Magn	: <b>+</b> do	Moon	NT 7A
28 54	WALKING Time Body -0.299223359444444	Accelerom	eter	Jerk	Magn	Ltude	Mean	NA
28		Accelerom	eter	Jerk	Magn	i +ııde	SD	NA
54	-0.390449724259259	ACCCICION	CCI	OCIK	nagii	Lcuuc	DD	1421
28	WALKING Time Grav.	ity Acce	lerome	eter	NA	NA	Mean	Х
54	0.94293027555556	4						
28	WALKING Time Grav	ity Acce	lerome	eter	NA	NA	Mean	Y
54	-0.229316151481481							
28	WALKING Time Grav	ity Acce	lerome	eter	NA	NA	Mean	Z
54	-0.125912861222222		_					
28	WALKING Time Grav	ity Acce	lerome	eter	NA	NA	SD	X
54	-0.976693902592593							

```
28
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
54
     -0.968780859814815
                                Accelerometer
28
     WALKING
                Time Gravity
                                                NA
                                                     NΑ
                                                           SD
                                                                7.
54
     -0.944225031851852
                                                     Magnitude Mean
28
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
          -0.1806660203
NA
     54
28
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     54
          -0.39269402
28
                                                Mean X
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
54
     -0.374681071666667
28
                          Gyroscope NA
                                                Mean Y
     WALKING
                Freq NA
                                           NA
54
     -0.50468173962963
                          Gyroscope NA
28
     WALKING
                Freq NA
                                           NA
                                                Mean Z
54
     -0.255029045018519
28
     WALKING
                          Gyroscope NA
                                                     Х
                Freq NA
                                           NA
                                                SD
54
     -0.545480217777778
28
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Υ
     -0.497470739444444
54
28
     WALKING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     \mathbf{Z}
54
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28
     WALKING
                          Gyroscope NA
                                           Magnitude Mean NA
                Freq NA
54
     -0.514602424814815
28
                          Gyroscope NA
                                           Magnitude SD
     WALKING
                Freq NA
                                                           NA
54
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28
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude Mean NA
54
     -0.595965103703704
28
     WALKING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                           NA
     -0.589071730555556
54
28
     WALKING
                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean X
54
     -0.280062182962963
                Freq Body Accelerometer
28
                                                     Mean Y
     WALKING
                                           NA
                                                NA
54
     -0.127912276044444
28
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                Freq Body Accelerometer
                                           NA
                                                NA
                                                     Mean Z
54
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28
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                                                NA
                                                     SD
                                                           Х
     WALKING
                                           NA
54
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28
                Freq Body Accelerometer
     WALKING
                                           NA
                                                NA
                                                     SD
                                                           Υ
54
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28
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                                           NA
                                                NA
                                                     SD
                                                           Z
54
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28
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                                           NA
                                                Magnitude Mean NA
54
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28
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                Freq Body Accelerometer
                                           NA
                                                Magnitude SD
                                                                NA
54
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28
     WALKING
                Freq Body Accelerometer
                                           Jerk NA
                                                     Mean X
54
     -0.36260198037037
28
     WALKING
                Freq Body Accelerometer
                                           Jerk NA
                                                     Mean Y
```

```
54
     -0.294548344814815
28
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     WALKING
54
     -0.498754491111111
28
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                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
54
     -0.367116416481481
28
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                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
54
     -0.191757503603704
28
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                Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
54
     -0.574579748518519
28
     WALKING
                Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
54
     -0.360811456296296
28
                Freq Body Accelerometer
                                          Jerk Magnitude SD
     WALKING
                                                                NA
54
     -0.436273009814815
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
46
     -0.141096309502174
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
46
     0.00710564286763044
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
46
     0.138622425584783
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
46
     -0.268106330991304
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
46
     -0.259368686847826
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
     -0.307025006304348
46
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
          -0.068246324026087
NA
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
          -0.22448414468913
NA
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
46
     -0.0266492977565217
28
                                     Gyroscope Jerk NA
     WALKING DOWNSTAIRS
                          Time NA
                                                          Mean Y
46
     -0.0570410865136957
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Z
46
     -0.077617393146087
28
     WALKING DOWNSTAIRS
                                     Gyroscope Jerk NA
                          Time NA
                                                          SD
                                                                Х
46
     -0.16394489726087
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                                Y
46
     -0.424567878478261
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                                Z
                                                          SD
46
     -0.336212734130435
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
          -0.340417305565217
NA
     46
28
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk Magnitude SD
NA
     46
          -0.407132335434783
28
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
          0.293642076521739
X
     46
```

28	WALKING_DOWNSTAIRS 46 -0.02202304659	_	Accelero	meter NA	NA	Mean
Y 28	WALKING_DOWNSTAIRS	Time Body	Accelero	meter NA	NA	Mean
Z 28	46 -0.10858897408 WALKING_DOWNSTAIRS	Time Body	Accelero	meter NA	NA	SD
X 28	46 0.125712887943 WALKING_DOWNSTAIRS	Time Body	Accelero	meter NA	NA	SD
Y 28	46 0.156496646504 WALKING_DOWNSTAIRS	Time Body	Accelero	meter NA	NA	SD
Z 28	46 -0.34103181152 WALKING_DOWNSTAIRS	Time Body	Accelero	meter NA	Magn	itude
Mean 28	NA 46 0.1043592 WALKING_DOWNSTAIRS		y Accelero	meter NA	Magn	itude
SD 28	NA 46 0.1354655 WALKING DOWNSTAIRS		, Accelero	meter Jerk	NΑ	Mean
X	46  0.097265345789	1304				
28 Y	WALKING_DOWNSTAIRS 46 0.014345090341	3043				Mean
28 Z	WALKING_DOWNSTAIRS 46 0.001239501413	_	y Accelero	meter Jerk	NA	Mean
28 X	WALKING_DOWNSTAIRS 46 -0.01676522277	_	Accelero	meter Jerk	NA	SD
28	WALKING_DOWNSTAIRS	Time Body	Accelero	meter Jerk	NA	SD
Y 28	46 0.026553013369 WALKING_DOWNSTAIRS	Time Body	Accelero	meter Jerk	NA	SD
Z 28	46 -0.42705326130 WALKING_DOWNSTAIRS		y Accelero	meter Jerk	Magn	itude
Mean 28	NA 46 -0.070756 WALKING DOWNSTAIRS	0279130435 Time Body		meter Jerk	Magn	itude
SD 28	<u>—</u>	2609934783	3		NA	NA
Mean	X 46 0.9292916 WALKING DOWNSTAIRS	80434783	_			NA
Mean	Y 46 -0.235897	105217391	_			
28 Mean	WALKING_DOWNSTAIRS Z 46 -0.121477		ity Acc	elerometer	NA	NA
28 SD	WALKING_DOWNSTAIRS X 46 -0.956921		vity Acc	elerometer	NA	NA
28 SD		Time Grav	vity Acc	elerometer	NA	NA
28	WALKING_DOWNSTAIRS	Time Grav	vity Acc	elerometer	NA	NA
SD 28	Z 46 -0.917059 WALKING_DOWNSTAIRS		vity Acc	elerometer	NA	
Magn: 28	itude Mean NA 46 WALKING DOWNSTAIRS	0.1043592 Time Grav		elerometer	NA	
Magn: 28	itude SD NA 46	0.1354655	63932609		Moan	v
20	WALKING_DOWNSTAIRS	rred NA	gyroscop	e NA NA	Mean	Λ

16	0 0200060062042470							
46 28	-0.0299969963043478 WALKING DOWNSTAIRS	Freq	NT 7\	Gyroscope	NT 7N	NA	Mean	v
46	-0.217100157608696	rreq	NA	Gyroscope	IVA	IVA	Mean	1
28	WALKING DOWNSTAIRS	Freq	NΑ	Gyroscope	NΑ	NA	Mean	7.
46	-0.184392337071739	rrcq	1471	буговсорс	1471	1471	ricuii	4
28	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	X
46	<b>-0.</b> 345453346086957	1104	1111	суговоорс	1111	1421	בב	
28	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Y
46	-0.293108364565217	4	-,					_
28	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
46	-0.416505886304348	_		1 1				
28	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	Mean
NA	46 -0.223354793923	_		1 1		,		
28	WALKING DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magn	itude	SD
NA	46 -0.36290383671	7391				_		
28	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	46 -0.396720714347	7826						
28	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	Jerk	Magn	itude	SD
NA	46 -0.46472224434	7826						
28	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	Mean
X	46 0.0890721752173	3913						
28	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
Y	46 0.1864417338695							
28	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	Mean
Z	46 -0.308161634195			_				
28	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
X	46 0.1377970828260		<b>-</b> 1					a D
28	WALKING_DOWNSTAIRS	_	воау	Accelerome	eter	NA	NA	SD
Y	46 0.0653011998439		D = -l	7 1		177	377	an.
28	WALKING_DOWNSTAIRS 46 -0.416940283043	_	воау	Accelerome	eter	NA	NA	SD
Z 28			Dodre	Aggolorom	2+02	NT 7N	Moan	:+do
zo Mean	WALKING_DOWNSTAIRS NA 46 0.18884000	_	_	Accelerome	erer	NA	Magii.	itude
28	WALKING DOWNSTAIRS			Aggolorom	o+or	NA	Magn	itude
SD	NA 46 -0.0740585	_	_	Accelerome	scer	IVA	Mayii.	Ltude
28	WALKING DOWNSTAIRS			Accelerome	ater	Jerk	NΔ	Mean
X	46 <b>-0.</b> 026867698232	_	Боау	ACCCICION	CCI	OCIK	1477	ricuii
28	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NΔ	Mean
Y	46 -0.012703972045	_	Boay	7100CICIOIII	2001	OCIN	1111	neun
28	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NΑ	Mean
Z	46 -0.365287434717	_	Boay	7100CICIOIII	2001	OCIN	1421	neun
28	WALKING DOWNSTAIRS		Body	Accelerome	eter	Jerk	NA	SD
X	46 -0.098011229369	_	Doug	1100010101		00111	1111	
28	WALKING DOWNSTAIRS		Bodv	Accelerome	eter	Jerk	NA	SD
Y	46 -0.001753919545	_	_		· <b>-</b>	<b></b>		· <del>-</del>
28	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	NA	SD
Z	46 -0.488488351739	_	1	<b> </b>	-	<b>-</b>		

	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	Magn:	itude
Mean								
28	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	Jerk	Magn	itude
SD	NA 46 -0.088359			_				
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	X
51	-0.129362970764706							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
51	0.0212250958019608							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	$\mathbf{Z}$
51	0.103720987705882							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
51	-0.518818227843137							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
51	-0.479319521372549							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	$\mathbf{Z}$
51	-0.189306812833333							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	Mear
NA	51 -0.26341528269	0196						
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	Magni	itude	SD
NA	51 -0.47692334470	5882						
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	X
51	-0.080568055454902							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Y
51	-0.0492552129156863							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	Mean	Z
51	-0.0752610437019608							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	X
51	-0.494282913529412							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Y
51	-0.690571101960784							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	NA	SD	Z
51	-0.603568264117647							
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magni	itude	Mear
NA	51 -0.62027979764	7059						
28	WALKING_UPSTAIRS	Time	NA	Gyroscope	Jerk	Magni	itude	SD
NA	51 -0.67013212078	4314						
28	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
X	51 0.262005841764	706						
28	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
Y	51 -0.02794439434	78431						
28	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	Mean
Z	51 -0.12151402569	2157						
28	WALKING_UPSTAIRS	Time	Body	Accelerome	eter	NA	NA	SD
X	51 -0.24206243029	4118						
21		·	Dl	7 ~ ~ ~ 1 ~ ~ ~ ~ ~	+02	377	377	SD
28	WALKING_UPSTAIRS	Time	воау	Accelerome	erer	NA	NA	עפ
	WALKING_UPSTAIRS 51 -0.14675387703		воау	Accetetome	ecer	NA	NA	עמ

```
Z
     51
          -0.28598691372549
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
                -0.186240503960784
Mean NA
          51
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
               -0.211928666470588
SD
     NA
          51
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          0.0706831871117647
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          0.0222985408245098
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Z
          0.00749081657058823
     51
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Χ
     51
          -0.312671655921569
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                               SD
                                                     Jerk NA
Y
          -0.331602407372549
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.637488941176471
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
Mean NA
          51
               -0.388086248235294
28
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
                -0.325362338235294
     NA
          51
28
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                0.854508231764706
Mean X
          51
2.8
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
          51
               -0.333223996666667
                          Time Gravity
28
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
                                                               NA
               -0.265207858431373
Mean Z
28
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          51
               -0.944697800196078
28
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
                -0.927641087843137
          51
28
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
               -0.900514013333333
          51
28
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.186240503960784
Magnitude Mean NA
                     51
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                          NA
                          -0.211928666470588
Magnitude SD
               NA
                     51
28
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
51
     -0.403636283921569
28
                                     Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          Mean Y
51
     -0.522066500784314
28
     WALKING UPSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     NA
                                                          Mean Z
51
     -0.318210999529412
28
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Х
51
     -0.556383410588235
28
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                               Y
                          Freq NA
                                                     NA
                                                          SD
     -0.459989315686274
51
```

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28
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                \mathbf{z}
51
     -0.22624337505098
                                     Gyroscope NA
28
     WALKING UPSTAIRS
                                                     Magnitude Mean
                          Freq NA
NA
     51
          -0.534835409607843
                          Freq NA
                                                     Magnitude SD
28
     WALKING UPSTAIRS
                                     Gyroscope NA
          -0.528187016862745
NA
28
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude Mean
                          Freq NA
NA
     51
          -0.662505819411765
28
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
          -0.70485275745098
28
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                Mean
Х
          -0.266101343372549
                          Freq Body Accelerometer
28
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                Mean
Y
     51
          -0.190589069119608
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
Z
          -0.401732939215686
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Х
     51
          -0.233726643921569
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                SD
Y
     51
          -0.178554981115686
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                          NA
                                                                SD
                                                     NA
          -0.281685159607843
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                          Magnitude
28
                                                     NA
Mean NA
          51
                -0.213519364760784
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
     NA
          51
                -0.334626168823529
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Х
     51
          -0.318866730039216
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
Y
     51
          -0.358009373333333
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                Mean
          -0.587813565294118
Z
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Χ
     51
          -0.37027368
28
                          Freq Body Accelerometer
                                                                SD
     WALKING UPSTAIRS
                                                     Jerk NA
Y
          -0.349026567647059
     51
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                                SD
Z
          -0.68790763372549
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
          51
                -0.294433415745098
Mean NA
28
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.374495907647059
          51
29
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
69
     -0.0258281004782609
29
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
69
     -0.0761814357028986
                                                          69
29
     LAYING
                Time NA
                          Gyroscope NA
                                                Mean Z
                                          NA
```

0.12	7411971652174								
29	LAYING Time N	ΙA	Gyroscope	NA	NA	SD	Х		
69	-0.9942765913043	348							
29	LAYING Time N	ΙA	Gyroscope	NA	NA	SD	Y		
69	-0.9927509578260	087							
29	LAYING Time N	IΑ	Gyroscope	NA	NA	SD	$\mathbf{Z}$		
69	-0.9749946194202	29							
29	LAYING Time N	ΙA	Gyroscope	NA	Magn	itude	Mean	NA	
69	-0.9719236230434	178							
29	LAYING Time N		Gyroscope	NA	Magn	itude	SD	NA	
69	-0.9770400930434								
29	LAYING Time N		Gyroscope	Jerk	NA	Mean	X		
69	-0.0995339880724								
29	LAYING Time N		Gyroscope	Jerk	NA	Mean	Y		
69	-0.0386768295072								
29	LAYING Time N		Gyroscope	Jerk	NA	Mean	Z		
69	-0.0674469666086			_ ,		~-			
29	LAYING Time N		Gyroscope	Jerk	NA	SD	X		
69	-0.9965425405797			<b>-</b> 1		<b>a</b> 5			
29	LAYING Time N		Gyroscope	Jerk	NA	SD	Y		
69	-0.9970815756521		Compagano	Tomle	<b>3.</b> 7.70	CD	<b>17</b>		
29	LAYING Time N		Gyroscope	Jerk	NA	SD	Z		
69 29	-0.9953807946376 LAYING Time N		Gyroscope	Tork	Magn	+11do	Moan	NT 7A	
69	-0.9973225268115		Gyroscope	nerv	Magii	Ltude	Mean	IVA	
29	LAYING Time N		Gyroscope	Tork	Magn	i + 11da	GD.	NA	
69	-0.9976660715942		Gyroscope	OELK	Magii	Lcude	שט	IVA	
29			Accelerome	ter	NA	NA	Mean	x	69
	7295196811594	Jour	110001010111	. CCI	1111	1111	iicaii	21	
29		Bodv	Accelerome	eter	NA	NA	Mean	Y	
69	-0.0171965484202	_						_	
29			Accelerome	eter	NA	NA	Mean	Z	
69	-0.1094620681739								
29	LAYING Time E	Body	Accelerome	eter	NA	NA	SD	X	
69	-0.9842195555072	_							
29	LAYING Time E	Body	Accelerome	eter	NA	NA	SD	Y	
69	-0.9902409466666	_							
29	LAYING Time E	Body	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
69	-0.9872551498550	72							
29	LAYING Time E	3ody	Accelerome	eter	NA	Magn	itude	Mean	NA
69	-0.9864931966666	567							
29	LAYING Time E	Body	Accelerome	eter	NA	Magn	itude	SD	NA
69	-0.9815721476811	L59							
29	LAYING Time E	Body	Accelerome	eter	Jerk	NA	Mean	X	69
0.07	18861195971014								
29		Body	Accelerome	eter	Jerk	NA	Mean	Y	69
0.01	16912059556522								

29	LAYING		Body	Accel	erome	eter	Jerk	NA	Mean	Z	69
	2415427841		_	_			_				
29	LAYING		_	Accel	erome	eter	Jerk	NA	SD	X	
69	-0.992005						_				
29	LAYING		_	Accel	erome	eter	Jerk	NA	SD	Y	
69	-0.989513										
29	LAYING		_	Accel	erome	eter	Jerk	NA	SD	Z	
69	-0.993288										
29	LAYING		_	Accel	erome	eter	Jerk	Magni	Ltude	Mean	NA
69	-0.992725	3678260	087								
29	LAYING	Time E	Body	Accel	erome	eter	Jerk	Magni	itude	SD	NA
69	-0.994646	9168115	594								
29	LAYING	Time G	Gravi	ty	Acce]	Lerome	eter	NA	NA	Mean	X
69	-0.346789	8427536	523								
29	LAYING	Time G	Gravi	.ty	Acce]	Lerome	eter	NA	NA	Mean	Y
69	0.8075353	7347826	51								
29	LAYING	Time G	Gravi	ty	Acce]	Lerome	eter	NA	NA	Mean	Z
69	0.5904522	2405797	71								
29	LAYING	Time G	Gravi	ty	Acce]	Lerome	eter	NA	NA	SD	X
69	-0.972939	8898550	73	_							
29	LAYING	Time G	ravi	ty	Acce]	Lerome	eter	NA	NA	SD	Y
69	-0.994247			-							
29	LAYING	Time G	ravi	tv	Acce]	Lerome	eter	NA	NA	SD	Z
69	-0.985778			4							
29	LAYING	Time G	ravi	ty	Acce]	Lerome	eter	NA	Magni	tude	Mean
29 NA	LAYING 69 -0.9			_	Acce]	Lerome	eter	NA	Magni	tude	Mean
NA	69 -0.9	8649319	96666	667					_		
NA 29	69 -0.9 LAYING	8649319 Time G	96666 Gravi	667 ty				NA NA	_	tude	
NA 29 NA	69 -0.99 LAYING 69 -0.99	8649319 Time 0 8157214	96666 Fravi 17681	667 ty 159	Acce]	Lerome	eter	NA	Magni		
NA 29 NA 29	69 -0.99 LAYING 69 -0.99 LAYING	8649319 Time 0 8157214 Freq N	96666 Fravi 17681 NA	667 ty 159	Acce]	Lerome			Magni		
NA 29 NA 29 69	69 -0.99 LAYING 69 -0.99 LAYING -0.993122	8649319 Time 6 8157214 Freq N	96666 Gravi 17681 NA 58	667 ty 159 Gyros	Acce]	Lerome NA	eter NA	NA Mean	Magni X		
NA 29 NA 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N	96666 Gravi 17681 NA 58 NA	667 ty 159	Acce]	Lerome NA	eter	NA	Magni X		
NA 29 NA 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696	8649319 Time 6 8157214 Freq N 6088405 Freq N	96666 Gravi 17681 NA 58 NA 739	667 ty 159 Gyros	Acce] cope cope	Lerome NA NA	eter NA NA	NA Mean Mean	Magni X Y		
NA 29 NA 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217	96666 Gravi 17681 NA 58 NA 739 NA	667 ty 159 Gyros	Acce] cope cope	Lerome NA NA	eter NA	NA Mean	Magni X Y		
NA 29 NA 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N	96666 Gravi 17681 NA 58 NA 739 NA	667 ty 159 Gyros Gyros	Accel cope cope cope	NA NA NA	eter NA NA NA	NA Mean Mean Mean	Magni X Y Z		
NA 29 NA 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086	96666 Gravi 17681 NA 58 NA 739 NA 596 NA	667 ty 159 Gyros	Accel cope cope cope	NA NA NA	eter NA NA	NA Mean Mean	Magni X Y		
NA 29 NA 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 596 NA	667 ty 159 Gyros Gyros Gyros	Acce] cope cope cope	NA NA NA NA	eter NA NA NA	NA Mean Mean Mean SD	Magni X Y Z		
NA 29 NA 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 1852173	96666 Gravi 17681 NA 58 NA 739 NA 596 NA 391	667 ty 159 Gyros Gyros	Acce] cope cope cope	NA NA NA NA	eter NA NA NA	NA Mean Mean Mean	Magni X Y Z		
NA 29 NA 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.976184 LAYING -0.994652 LAYING -0.9942240	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 1852173 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 596 NA 174	667 ty 159 Gyros Gyros Gyros Gyros	Accel cope cope cope cope	NA NA NA NA NA	NA NA NA NA NA	NA Mean Mean Mean SD	Magni X Y Z X		
NA 29 NA 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.994652 LAYING -0.992240	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 1852173 Freq N 7856521	96666 Gravi 17681 NA 58 NA 739 NA 596 NA 174 NA	667 ty 159 Gyros Gyros Gyros	Accel cope cope cope cope	NA NA NA NA NA	eter NA NA NA	NA Mean Mean Mean SD	Magni X Y Z		
NA 29 NA 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 1852173 Freq N 7856521 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 174 NA 174	667 ty 159 Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope	NA NA NA NA NA NA	NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magni X Y Z X Y	tude	
NA 29 NA 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.976184 LAYING -0.994652 LAYING -0.994652 LAYING -0.976858 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 1852173 Freq N 7856521 Freq N 9644927	96666 Gravi 17681 NA 58 NA 739 NA 196 NA 174 NA 754 NA	667 ty 159 Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope	NA NA NA NA NA NA	NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magni X Y Z X	tude	
NA 29 NA 29 69 29 69 29 69 29 69 29 69	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858 LAYING -0.976858 LAYING -0.984001	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 7856521 Freq N 7856521 Freq N 9644927 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 596 NA 174 NA 1754 NA	667 ty 159 Gyros Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope	NA NA NA NA NA NA NA	eter NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magni X Y Z X Y Z Mean	tude	
NA 29 NA 29 69 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858 LAYING -0.976858 LAYING -0.984001 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 7856521 Freq N 7856521 Freq N 9644927 Freq N 3417391 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 174 NA 174 NA IA	667 ty 159 Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope	NA NA NA NA NA NA NA	eter NA NA NA NA NA NA	NA Mean Mean SD SD SD	Magni X Y Z X Y Z Mean	tude	
NA 29 NA 29 69 29 69 29 69 29 69 29 69 29 69	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.976184 LAYING -0.976858 LAYING -0.976858 LAYING -0.976879	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 7856521 Freq N 9644927 Freq N 3417391 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 174 NA 174 NA 13	667 ty 159 Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope cope	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA Magni	NA Mean Mean SD SD SD tude	Magni X Y Z X Y Z Mean SD	NA NA	
NA 29 NA 29 69 29 69 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858 LAYING -0.976879 LAYING -0.976679 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 7856521 Freq N 9644927 Freq N 3417391 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 196 NA 174 NA 1754 NA 183 NA	667 ty 159 Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope cope	NA NA NA NA NA NA NA NA	eter NA NA NA NA NA NA	NA Mean Mean SD SD SD tude	Magni X Y Z X Y Z Mean SD	NA NA	
NA 29 NA 29 69 29 69 29 69 29 69 29 69 29 69 29 69	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858 LAYING -0.976858 LAYING -0.984001 LAYING -0.984001 LAYING -0.984001 LAYING -0.9976679 LAYING -0.997617	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 7856521	96666 Gravi 17681 NA 58 NA 739 NA 174 NA 174 NA 13 NA 13 NA	667 ty 159 Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope cope cope	NA N	eter NA NA NA NA NA Magni Magni	NA Mean Mean SD SD Stude Stude	Magni X Y Z X Y Z Mean SD Mean	NA NA NA	
NA 29 NA 29 69 29 69 29 69 29 69 29 69 29 69 29	69 -0.99 LAYING 69 -0.99 LAYING -0.993122 LAYING -0.993696 LAYING -0.976184 LAYING -0.994652 LAYING -0.992240 LAYING -0.976858 LAYING -0.976879 LAYING -0.976679 LAYING	8649319 Time 6 8157214 Freq N 6088405 Freq N 3365217 Freq N 3226086 Freq N 7856521 Freq N 9644927 Freq N 3417391 Freq N	96666 Gravi 17681 NA 58 NA 739 NA 174 NA 174 NA 13 NA 13 NA	667 ty 159 Gyros Gyros Gyros Gyros Gyros Gyros Gyros Gyros	Accel cope cope cope cope cope cope cope	NA N	NA NA NA NA NA NA Magni	NA Mean Mean SD SD Stude Stude	Magni X Y Z X Y Z Mean SD Mean	NA NA	

```
69
     -0.99758523057971
29
               Freq Body Accelerometer
                                                NA
                                                     Mean X
     LAYING
                                          NA
69
     -0.986626999275362
29
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
69
     -0.989034304057971
29
               Freq Body Accelerometer
                                                     Mean Z
     LAYING
                                          NA
                                                NA
69
     -0.989473926666667
29
     LAYING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
69
     -0.983432309130435
29
     LAYING
               Freq Body Accelerometer
                                                NA
                                                     SD
                                                          Υ
                                          NA
69
     -0.990680395362319
29
     LAYING
               Freq Body Accelerometer
                                                NΑ
                                                     SD
                                                          \mathbf{z}
                                          NA
69
     -0.986378776086957
29
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
69
     -0.986800645362319
29
     LAYING
               Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
69
     -0.981599783623188
29
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
69
     -0.992153982028986
29
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
69
     -0.989398823913043
29
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
69
     -0.992018447826087
               Freq Body Accelerometer
29
     LAYING
                                          Jerk NA
                                                     SD
                                                          Х
69
     -0.99254347826087
29
                                                          Y
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
69
     -0.990468082753623
29
     LAYING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
69
     -0.993107759855072
29
     LAYING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
69
     -0.993998275797101
29
                                          Jerk Magnitude SD
     LAYING
               Freq Body Accelerometer
                                                                NA
69
     -0.994366667681159
29
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean X
60
     -0.0379271112333333
29
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
60
     -0.0755797672133333
29
     SITTING
               Time NA
                          Gyroscope NA
                                          NA
                                                Mean Z
                                                          60
0.0580495969166667
               Time NA
29
     SITTING
                          Gyroscope NA
                                                     Х
                                          NA
                                                SD
60
     -0.990178704833333
29
     SITTING
               Time NA
                          Gyroscope NA
                                                     Y
                                          NA
                                                SD
     -0.988334019666667
60
29
     STTTTNG
                          Gyroscope NA
                                                SD
                                                     7.
               Time NA
                                          NA
60
     -0.971227991666667
29
     SITTING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
60
     -0.962377332166667
```

29		e NA	Gyroscope	NA	Magn	itude	SD	NA	
60 29	-0.97157802466 SITTING Time	0666/ PNA	Curoggono	Tork	NT 7N	Moan	v		
60	-0.09536369958		Gyroscope	Derk	IVA	Mean	Λ		
29		NA	Gyroscope	Jork	NΔ	Mean	v		
60	-0.04000184348		буговсоре	DELK	INT	Mean	1		
29		NA	Gyroscope	Jerk	NA	Mean	7.		
60	-0.04700089769		c/1020cpc	00111	-11-1	mair	_		
29		e NA	Gyroscope	Jerk	NA	SD	Х		
60	-0.9933220295		2 1						
29	SITTING Time	e NA	Gyroscope	Jerk	NA	SD	Y		
60	-0.99531916466	66667							
29	SITTING Time	e NA	Gyroscope	Jerk	NA	SD	Z		
60	-0.9928337675								
29	SITTING Time	e NA	Gyroscope	Jerk	Magn	itude	Mean	NA	
60	-0.99539230816	56667							
29	SITTING Time	e NA	Gyroscope	Jerk	Magn	itude	SD	NA	
60	-0.994905344				_				
29	SITTING Time	e Body	Accelerome	eter	NA	NA	Mean	X	60
0.27	71799775								
29	SITTING Time	e Body	Accelerome	eter	NA	NA	Mean	Y	
60	-0.01663068037	75							
29	SITTING Time	e Body	Accelerome	eter	NA	NA	Mean	Z	
60	-0.1104118192								
29	SITTING Time	e Body	Accelerome	eter	NA	NA	SD	X	
60	-0.9907450195								
29	SITTING Time	e Body	Accelerome	eter	NA	NA	SD	Y	
60	-0.96322249783	33333							
29	SITTING Time	e Body	Accelerome	eter	NA	NA	SD	Z	
60	-0.96806387816	66667							
29	SITTING Time	e Body	Accelerome	eter	NA	Magn	itude	Mean	NA
60	-0.97801702183								
29	SITTING Time	e Body	Accelerome	eter	NA	Magn	itude	SD	NA
60	-0.9692903165								
29	SITTING Time	e Body	Accelerome	eter	Jerk	NA	Mean	X	60
0.07	45438102516667								
29		_	Accelerome	eter	Jerk	NA	Mean	Y	60
	59853140466666								
29		e Body	Accelerome	eter	Jerk	NA	Mean	Z	60
	3167700952								
29		_	Accelerome	eter	Jerk	NA	SD	X	
60	-0.99352556033								
29		e Body	Accelerome	eter	Jerk	NA	SD	Y	
60	-0.9840551		_						
29		e Body	Accelerome	eter	Jerk	NA	SD	Z	
60	-0.990168733		_						
29	SITTING Time	e Body	Accelerome	eter	Jerk	Magn	Ltude	Mean	NA

```
-0.990719807666667
60
29
     SITTING
                Time Body Accelerometer Jerk Magnitude SD
                                                                NΑ
60
     -0.990531729333333
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean X
60
     0.891563755166667
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Y
60
     0.1556594569
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
60
     0.286256063666667
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Х
60
     -0.984679151833333
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
60
     -0.973604289833333
     SITTING
29
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Z
60
     -0.966032045333333
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
          -0.978017021833333
NA
     60
29
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     60
          -0.9692903165
29
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
60
     -0.988393569
29
     SITTING
               Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
60
     -0.990329245333333
29
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
60
     -0.9739335945
29
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Χ
60
     -0.990727755166667
29
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Y
60
     -0.987259808666667
29
                                                     \mathbf{z}
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
60
     -0.972912517166667
29
                                          Magnitude Mean NA
     SITTING
               Freq NA
                          Gyroscope NA
60
     -0.980269425833333
                          Gyroscope NA
29
     SITTING
                Freq NA
                                          Magnitude SD
                                                          NA
60
     -0.971011373
29
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
60
     -0.995063049
29
     SITTING
                Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
60
     -0.994742028
29
     SITTING
                Freq Body Accelerometer
                                                NA
                                                     Mean X
                                          NA
60
     -0.991093963666667
29
     SITTING
                Freq Body Accelerometer
                                                     Mean Y
                                          NA
                                                NA
60
     -0.969609501666667
29
                Freq Body Accelerometer
     SITTING
                                          NA
                                                NA
                                                     Mean Z
60
     -0.975623030833333
29
     SITTING
                Freq Body Accelerometer
                                                     SD
                                                          Х
                                          NA
                                                NA
     -0.990617521
60
```

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29
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          Y
60
     -0.961693949333333
29
     SITTING
               Freq Body Accelerometer
                                          NA
                                               NA
                                                    SD
                                                          7.
60
     -0.965800974333333
               Freq Body Accelerometer
29
     SITTING
                                          NA
                                               Magnitude Mean NA
60
     -0.973346531833333
29
     SITTING
               Freq Body Accelerometer
                                          NA
                                               Magnitude SD
                                                               NA
60
     -0.971218019833333
29
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean X
     SITTING
60
     -0.993445760166667
29
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
60
     -0.983883193
29
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Z
60
     -0.988470241
29
     SITTING
               Freq Body Accelerometer
                                                    SD
                                                         Х
                                          Jerk NA
60
     -0.9942201755
29
                                                          Y
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
60
     -0.985493318833333
29
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                    SD
                                                          Z
60
     -0.990445861666667
29
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
60
     -0.990093703833333
29
               Freq Body Accelerometer
                                          Jerk Magnitude SD
     SITTING
                                                               NA
60
     -0.989822909333333
29
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
65
     -0.0276075573307692
29
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
65
     -0.0721060679123077
                                                          65
29
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
0.0827583768461538
29
               Time NA
                          Gyroscope NA
                                                    Х
     STANDING
                                          NA
                                               SD
65
     -0.977994819846154
29
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                    Y
65
     -0.990364876307692
29
     STANDING
               Time NA
                          Gyroscope NA
                                               SD
                                                    Z
                                          NA
65
     -0.983368643230769
29
                                          Magnitude Mean NA
     STANDING
               Time NA
                          Gyroscope NA
65
     -0.980657340461539
29
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                         NA
65
     -0.975358665384615
29
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
65
     -0.0988701505538462
29
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
65
     -0.0405110578461538
29
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
     -0.0544926306307692
65
29
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                    Х
```

65	-0.983293061692308								
29	STANDING Time NA	Gyros	scope	Jerk	NΑ	SD	Y		
65	<b>-0.</b> 995533113076923	Cyron	осорс	CCIN	1111	55	-		
29	STANDING Time NA	Gyros	scope	Jerk	NA	SD	Z		
65	-0.990685705384615	-	-						
29	STANDING Time NA	Gyros	scope	Jerk	Magni	tude	Mean	NA	
65	-0.992144698923077								
29	STANDING Time NA	Gyros	scope	Jerk	Magni	tude	SD	NA	
65	-0.991453632153846								
29	STANDING Time Body	Acce]	Lerome	eter	NA	NA	Mean	X	65
	7965065846154	_							
29	STANDING Time Body	Acce]	Lerome	eter	NA	NA	Mean	Y	
65	-0.0172605869061538							_	
29	STANDING Time Body	Accel	Lerome	eter	NA	NA	Mean	Z	
65	-0.108659067476923	3 7			377	377	an	37	
29	STANDING Time Body -0.996068635384615	Accel	Lerome	eter	NA	NA	SD	X	
65 29	STANDING Time Body	7,000]	loromo	tor	NA	NA	SD	Y	
65	-0.969295721076923	Accel	rerome	cer	IVA	IVA	עפ	1	
29	STANDING Time Body	Accel	lerome	ter	NA	NA	SD	Z	
65	-0.980207488923077	110001	LCI OIIIC	CCI	1421	1421	DD	_	
29	STANDING Time Body	Accel	lerome	eter	NA	Magni	itude	Mean	NA
65	-0.984745318923077								
29	STANDING Time Body	Acce]	Lerome	eter	NA	Magni	itude	SD	NA
65	-0.981745712923077					,			
29	STANDING Time Body	Acce]	Lerome	eter	Jerk	NA	Mean	X	65
0.07	53052530307692								
29	STANDING Time Body	Acce]	Lerome	eter	Jerk	NA	Mean	Y	65
0.01	15104978664615								
29	STANDING Time Body	Acce]	Lerome	eter	Jerk	NA	Mean	$\mathbf{Z}$	65
	0332894985246154	_							
29	STANDING Time Body	Accel	Lerome	eter	Jerk	NA	SD	X	
65	-0.993652820615385	<b>3</b> 7			T1-	377	an	77	
29	STANDING Time Body	Accel	Lerome	eter	Jerk	NA	SD	Y	
65 29	-0.983338157846154 STANDING Time Body	7,000	loromo	tor	Jerk	NT 7N	SD	7	
65	STANDING Time Body -0.990593859692308	Accel	rerome	ecer	nerk	IVA	עמ	Z	
29	STANDING Time Body	Accel	lerome	tor	Terk	Magni	i +ııde	Mean	NΔ
65	-0.990785419538462	ACCCI	LCI OIIIC	CCI	UCIK	Hagiri	Lcuuc	ricuii	1417
29	STANDING Time Body	Accel	lerome	eter	Jerk	Magni	Ltude	SD	NA
65	-0.990495689538462					9			
29	STANDING Time Grave	ity	Accel	erome	eter	NA	NA	Mean	Х
65	0.974508732	-							
29	STANDING Time Grave	ity	Accel	erome	eter	NA	NA	Mean	Y
65	-0.05848715356								
29	STANDING Time Grav	ity	Accel	erome	eter	NA	NA	Mean	$\mathbf{Z}$
65	0.0316145849747692								

```
29
     STANDING Time Gravity
                               Accelerometer
                                              NA
                                                    NA
                                                         SD
                                                              Х
65
     -0.996764227384615
29
     STANDING Time Gravity
                               Accelerometer
                                              NA
                                                    NA
                                                         SD
                                                              Υ
65
     -0.985134032307692
29
               Time Gravity
                                                         SD
                                                              \mathbf{Z}
     STANDING
                               Accelerometer
                                               NA
                                                    NA
     -0.984464543538462
65
29
     STANDING
               Time Gravity
                               Accelerometer
                                              NA
                                                    Magnitude Mean
NA
     65
          -0.984745318923077
29
     STANDING Time Gravity
                                                    Magnitude SD
                               Accelerometer
                                              NA
NA
          -0.981745712923077
29
     STANDING Freq NA
                          Gyroscope NA
                                               Mean X
                                         NA
65
     -0.974485449538462
29
     STANDING Freq NA
                         Gyroscope NA
                                         NA
                                              Mean Y
65
     -0.991586674
29
     STANDING Freq NA
                                               Mean Z
                          Gyroscope NA
                                         NA
65
     -0.983654714461538
29
     STANDING Freq NA
                          Gyroscope NA
                                               SD
                                                    Х
                                         NA
65
     -0.979162564923077
29
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Υ
65
     -0.989643721230769
29
                          Gyroscope NA
                                               SD
                                                    Z
     STANDING Freq NA
                                         NA
65
     -0.984714226461538
29
                          Gyroscope NA
                                         Magnitude Mean NA
     STANDING Freq NA
65
     -0.980879722923077
29
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
65
     -0.975938728769231
29
                          Gyroscope Jerk Magnitude Mean NA
     STANDING Freq NA
65
     -0.991672052
29
                          Gyroscope Jerk Magnitude SD
     STANDING Freq NA
                                                         NA
     -0.991516778307692
65
     STANDING Freq Body Accelerometer
29
                                               NA
                                         NA
                                                    Mean X
65
     -0.995024039692308
29
     STANDING Freq Body Accelerometer
                                                    Mean Y
                                         NA
                                               NA
65
     -0.973345770461538
29
     STANDING Freq Body Accelerometer
                                               NA
                                                    Mean Z
                                         NA
65
     -0.984096024769231
29
     STANDING Freq Body Accelerometer
                                                         Х
                                         NA
                                               NA
                                                    SD
65
     -0.996604570307692
29
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Y
65
     -0.968278553076923
29
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Z
                                         NA
                                               NA
65
     -0.978802973692308
29
     STANDING
               Freq Body Accelerometer
                                         NA
                                              Magnitude Mean NA
     -0.984548094769231
65
29
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude SD
                                                              NA
65
     -0.982247716
29
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
```

```
65
     -0.993736906
29
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Y
65
     -0.983194980615385
29
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     -0.988541579384615
65
29
     STANDING Freq Body Accelerometer
                                                          Х
                                          Jerk NA
                                                     SD
65
     -0.994123423538462
29
     STANDING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
65
     -0.984782782307692
29
     STANDING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Z
65
     -0.991316374615385
29
     STANDING Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
65
     -0.989793892615385
29
     STANDING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
     -0.990327934615385
65
29
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
53
     -0.00795668167188679
29
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
53
     -0.081960153154717
29
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          53
0.0856852236188679
29
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
53
     -0.598868670943396
29
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
53
     -0.181802636566038
29
                                                     Z
     WALKING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
53
     -0.430232441132075
29
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
53
     -0.28057326754717
29
     WALKING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
53
     -0.358814096603774
29
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
53
     -0.10688830318283
29
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
53
     -0.0479898124113208
29
                                               Mean Z
     WALKING
               Time NA
                          Gyroscope Jerk NA
53
     -0.0392368986679245
29
     WALKING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Х
53
     -0.395909621509434
29
                          Gyroscope Jerk NA
                                                     Y
     WALKING
               Time NA
                                               SD
53
     -0.587944298490566
29
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     \mathbf{Z}
     WALKING
53
     -0.504130088679245
29
                          Gyroscope Jerk Magnitude Mean NA
     WALKING
               Time NA
53
     -0.506242118113208
29
     WALKING
                Time NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
53
     -0.612222937169811
```

0.77	WALKING		Body	Accel	erometer	NA	NA	Mean	X	53
	1999916792		_ ,							
29	WALKING		_	Accel	erometer	NA	NA	Mean	Y	
53	-0.016291								_	
29	WALKING		_	Accel	erometer	NA	NA	Mean	Z	
53	-0.106632									
29	WALKING		_	Accel	erometer	NA	NA	SD	X	
53	-0.174337	94022	5415							
29	WALKING	Time	Body	Accel	erometer	NA	NA	SD	Y	
53	-0.091754	061286	59811							
29	WALKING	Time	Body	Accel	erometer	NA	NA	SD	Z	
53	-0.242828	038264	4151							
29	WALKING	Time	Body	Accel	erometer	NA	Magn	itude	Mean	NA
53	-0.095521	33937	16981							
29	WALKING	Time	Body	Accel	erometer	NA	Magn	itude	SD	NA
53	-0.262695		_				_			
29	WALKING	Time	Body	Accel	erometer	Jerk	NA	Mean	Х	53
	5374334852		_							
29	WALKING		Bodv	Accel	erometer	Jerk	NA	Mean	Y	53
	2387045415		1						_	
29	WALKING		Body	Accel	erometer	Jerk	NΑ	Mean	7.	53
	9415473047		Dody	110001	010101	00111		110411	-	
29	WALKING		Body	Accel	erometer	Jerk	NΙΔ	SD	X	
53	-0.221433		_	HCCCI	LCI OIIIC CCI	OCIK	1471	DD	Λ	
29	WALKING			Nago 1	erometer	Jerk	NT 7\	SD	Y	
53	-0.087174		_	Accel	erometer	nerk	IVA	ענ	1	
29	WALKING			7.000]	erometer	Jerk	NT 7N	SD	Z	
	-0.461758		_	Accel	erometer	nerk	IVA	עפ	4	
53				7 ~ ~ ~ 1		Totale	Moorn		Moon	NT 70
29	WALKING		_	Accel	erometer	Jerk	Magn	itude	Mean	NA
53	-0.240231			<b>3</b> 1		T1-			an	373
29	WALKING		_	Accel	erometer	Jerk	мagn	itude	SD	NA
53	-0.133036									
29	WALKING		Grav	ıty	Accelero	meter	NA	NA	Mean	Х
53	0.9623743				_					
29	WALKING		Grav	ıty	Accelero	meter	NA	NA	Mean	Y
53	-0.127318									
29	WALKING		Grav	ity	Accelero	meter	NA	NA	Mean	Z
53	0.0955792									
	WALKING	Time	Grav	ity	Accelero	meter	NA	NA	SD	X
	-0.978253	153886	7925							
53	-0.970233	,55000			_	motor	NA	NA	CD	Y
29 53 29	WALKING		Grav	ity	Accelero	meter	IAV	IAV	SD	_
53 29		Time		ity	Accelero	meter	IVA	IVA	שמ	1
53 29 53	WALKING	Time 2848113		_	Accelero Accelero		NA	NA	SD	Z
53 29 53 29	WALKING -0.975272	Time 2848113 Time	3208 Grav:	_						
53	WALKING -0.975272 WALKING	Time 2848113 Time 437169	3208 Grav:	ity		meter		NA		Z
53 29 53 29 53	WALKING -0.975272 WALKING -0.945981 WALKING	Time 2848113 Time 437169	3208 Grav: 9811 Grav:	- ity ity	Accelero	meter	NA	NA	SD	Z

```
NA
     53
          -0.262695063584906
29
     WALKING
                                                Mean X
               Freq NA
                          Gyroscope NA
                                          NA
53
     -0.431490048490566
29
     WALKING
                          Gyroscope NA
                                          NA
                                                Mean Y
               Freq NA
53
     -0.362232316226415
29
     WALKING
               Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Z
53
     -0.397277495471698
29
     WALKING
                          Gyroscope NA
                                                SD
                                                     Х
                Freq NA
                                          NA
53
     -0.654313559056604
29
     WALKING
                          Gyroscope NA
                                                SD
                                                     Y
                Freq NA
                                          NA
53
     -0.0941359695075472
                          Gyroscope NA
29
                                                SD
                                                     \mathbf{Z}
     WALKING
               Freq NA
                                          NA
53
     -0.494117483018868
                                          Magnitude Mean NA
29
     WALKING
               Freq NA
                          Gyroscope NA
53
     -0.416817853396226
29
     WALKING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
53
     -0.429156830566038
29
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude Mean NA
53
     -0.628501115849057
29
     WALKING
               Freq NA
                          Gyroscope Jerk Magnitude SD
                                                          NA
53
     -0.618667722641509
               Freq Body Accelerometer
29
     WALKING
                                          NA
                                                NA
                                                     Mean X
53
     -0.135819505761321
29
     WALKING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
53
     -0.0349642325433962
29
     WALKING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Z
53
     -0.279734839433962
29
     WALKING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
53
     -0.190355976849057
29
     WALKING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Y
53
     -0.182068539584906
29
     WALKING
               Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
53
     -0.283348100981132
29
     WALKING
               Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
53
     -0.235683305566038
29
               Freq Body Accelerometer
     WALKING
                                          NA
                                                Magnitude SD
                                                                NA
53
     -0.393257505471698
29
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
53
     -0.210469887150943
                                          Jerk NA
29
               Freq Body Accelerometer
     WALKING
                                                     Mean Y
53
     -0.0880213408433962
29
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
     WALKING
53
     -0.394877826981132
29
               Freq Body Accelerometer
     WALKING
                                          Jerk NA
                                                     SD
                                                          Х
53
     -0.307336669773585
29
                Freq Body Accelerometer
                                                          Y
     WALKING
                                          Jerk NA
                                                     SD
53
     -0.155020660771698
```

```
29
                                                     SD
                                                          \mathbf{z}
     WALKING
                Freq Body Accelerometer
                                          Jerk NA
53
     -0.529034897169811
29
     WALKING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
53
     -0.108978206490566
                Freq Body Accelerometer
29
     WALKING
                                          Jerk Magnitude SD
                                                               NA
53
     -0.169506499226415
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
48
     -0.0374126070957292
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
48
     -0.0851045889895833
29
                                     Gyroscope NA
     WALKING DOWNSTAIRS
                          Time NA
                                                     NA
                                                          Mean Z
48
     0.0822244074666667
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Х
48
     -0.282077257508333
29
                          Time NA
                                     Gyroscope NA
                                                          SD
                                                               Y
     WALKING DOWNSTAIRS
                                                     NA
48
     -0.390460137708333
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                               Z
48
     -0.311122615416667
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude Mean
NA
     48
          -0.122968108816667
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope NA
                                                     Magnitude SD
NA
          -0.26740979843125
     WALKING DOWNSTAIRS
29
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean X
48
     -0.0743986469979167
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          Mean Y
48
     -0.0671482305364583
29
                          Time NA
                                     Gyroscope Jerk NA
     WALKING DOWNSTAIRS
                                                          Mean Z
48
     -0.0359648430270833
29
                                     Gyroscope Jerk NA
     WALKING DOWNSTAIRS
                          Time NA
                                                          SD
                                                               Х
48
     -0.347807556958333
29
                                     Gyroscope Jerk NA
                                                               Y
     WALKING DOWNSTAIRS
                          Time NA
                                                          SD
48
     -0.693469035833333
29
     WALKING DOWNSTAIRS
                          Time NA
                                     Gyroscope Jerk NA
                                                          SD
                                                               Z
48
     -0.379769406458333
29
                          Time NA
                                     Gyroscope Jerk Magnitude Mean
     WALKING DOWNSTAIRS
          -0.539174456458333
NA
29
                                     Gyroscope Jerk Magnitude SD
     WALKING DOWNSTAIRS
                          Time NA
NA
          -0.59705704875
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Х
     48
          0.293140441083333
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Y
          -0.01494121505625
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                               Mean
                                                          NA
          -0.0981339984895833
Z
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Х
          0.167383602458333
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
```

```
Y
     48
          -0.12246346700625
29
                          Time Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
     WALKING DOWNSTAIRS
Z
     48
          -0.223177999879167
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     NA
                                                          Magnitude
                0.103705165666667
Mean NA
          48
     WALKING DOWNSTAIRS Time Body Accelerometer
29
                                                     NA
                                                          Magnitude
SD
                0.1344811501875
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Х
          0.0636871965479167
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
     48
          0.000621016968750005
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               Mean
\mathbf{Z}
          -0.0140642983104167
     WALKING DOWNSTAIRS
29
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Х
          -0.023952574044375
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.07734083835625
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.478764185
29
     WALKING DOWNSTAIRS Time Body Accelerometer
                                                    Jerk Magnitude
                -0.138637624454167
Mean NA
          48
29
     WALKING DOWNSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
                -0.0307693372041667
     NA
          48
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean X
          48
                0.948486215
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
Mean Y
                -0.0760962952291667
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
          48
                0.0919650454166667
Mean Z
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          48
                -0.9417361925
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
SD
          48
                -0.91390306375
29
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                               NA
                -0.869300904791667
SD
29
     WALKING DOWNSTAIRS Time Gravity
                                          Accelerometer
                                                          NA
                          0.103705165666667
Magnitude Mean NA
                     48
     WALKING DOWNSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
Magnitude SD
               NA
                     48
                          0.1344811501875
29
     WALKING DOWNSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
48
     -0.18941800145
29
                                     Gyroscope NA
     WALKING DOWNSTAIRS
                          Freq NA
                                                     NA
                                                          Mean Y
48
     -0.463125032083333
29
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     NA
                                                          Mean Z
48
     -0.199225894479167
29
     WALKING DOWNSTAIRS
                                     Gyroscope NA
                          Freq NA
                                                     NA
                                                          SD
                                                               Х
     -0.319123137947917
48
```

29 48	WALKING_DOWNSTAIRS -0.354872689583333	Freq	NA	Gyroscope	NA	NA	SD	Y
29	WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	NA	SD	Z
48 29	-0.416165845833333 WALKING_DOWNSTAIRS	Freq	NA	Gyroscope	NA	Magni	Ltude	Mean
NA 29	48 -0.38145988187 WALKING_DOWNSTAIRS	5 Freq	NA	Gyroscope	NA	Magni	itude	SD
NA 29	48 -0.32302457509 WALKING DOWNSTAIRS		NA	Gyroscope	Jerk	Magni	Ltude	Mean
NA 29	48 -0.59657862604 WALKING DOWNSTAIRS		NA	Gyroscope	Jerk	Magn	itude	SD
NA	48 -0.62667598208	3333		_		_		
29 X	WALKING_DOWNSTAIRS 48 0.110663200244	_	воау	Accelerome	eter	NA	NA	Mean
29 Y	WALKING_DOWNSTAIRS 48 -0.02122937175	Freq	Body	Accelerome	eter	NA	NA	Mean
29	WALKING_DOWNSTAIRS	-	Body	Accelerome	eter	NA	NA	Mean
Z 29	48 -0.26669215020 WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X 29	48 0.187438624270 WALKING DOWNSTAIRS		Body	Accelerome	eter	NA	NA	SD
Y	48 -0.23934905364	1667	D = 4	71		377	377	an.
29 Z	WALKING_DOWNSTAIRS 48 -0.26207324204	_	воау	Accelerome	eter	NA	NA	SD
29	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
Mean 29	NA 48 0.1159739 WALKING_DOWNSTAIRS			Accelerome	eter	NA	Magn	itude
29 SD	WALKING_DOWNSTAIRS NA 48 -0.033086	Freq 811122	Body 29167				_	
29 SD 29 X	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.03824582133	Freq 811122 Freq 33333	Body 29167 Body	Accelerome	eter	Jerk	NA	Mean
29 SD 29 X 29	WALKING_DOWNSTAIRS NA 48 -0.0330866 WALKING_DOWNSTAIRS 48 -0.03824582133 WALKING_DOWNSTAIRS	Freq 811122 Freq 33333 Freq	Body 29167 Body	Accelerome	eter		NA	
29 SD 29 X 29 Y	WALKING_DOWNSTAIRS NA 48 -0.0330866 WALKING_DOWNSTAIRS 48 -0.03824582133 WALKING_DOWNSTAIRS 48 -0.097785065956 WALKING_DOWNSTAIRS	Freq 811122 Freq 33333 Freq 41667 Freq	Body 19167 Body Body	Accelerome	eter eter	Jerk Jerk	NA NA	Mean
29 SD 29 X 29 Y	WALKING_DOWNSTAIRS NA 48 -0.0330866 WALKING_DOWNSTAIRS 48 -0.03824582133 WALKING_DOWNSTAIRS 48 -0.097785065956	Freq 811122 Freq 33333 Freq 41667 Freq 5	Body 19167 Body Body Body	Accelerome Accelerome	eter eter eter	Jerk Jerk	NA NA NA	Mean Mean
29 SD 29 X 29 Y 29 Z 29 X	WALKING_DOWNSTAIRS NA 48 -0.0330866 WALKING_DOWNSTAIRS 48 -0.038245821336 WALKING_DOWNSTAIRS 48 -0.097785065956 WALKING_DOWNSTAIRS 48 -0.411173451876 WALKING_DOWNSTAIRS 48 -0.098637915626	Freq 811122 Freq 33333 Freq 41667 Freq 5 Freq 29167	Body 19167 Body Body Body Body	Accelerome Accelerome Accelerome	eter eter eter	Jerk Jerk Jerk Jerk	NA NA NA	Mean Mean Mean SD
29 SD 29 X 29 Y 29 Z 29 X 29 Y	WALKING_DOWNSTAIRS NA 48 -0.0330866 WALKING_DOWNSTAIRS 48 -0.038245821336 WALKING_DOWNSTAIRS 48 -0.097785065956 WALKING_DOWNSTAIRS 48 -0.411173451876 WALKING_DOWNSTAIRS 48 -0.098637915626 WALKING_DOWNSTAIRS 48 -0.12038152122	Freq 811122 Freq 33333 Freq 41667 Freq 5 Freq 29167 Freq 0833	Body 29167 Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome	eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean Mean SD
29 SD 29 X 29 Y 29 Z 29 X 29 Y	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.038245821338 WALKING_DOWNSTAIRS 48 -0.097785065958 WALKING_DOWNSTAIRS 48 -0.411173451879 WALKING_DOWNSTAIRS 48 -0.098637915628 WALKING_DOWNSTAIRS 48 -0.120381521228 WALKING_DOWNSTAIRS	Freq 811122 Freq 33333 Freq 41667 Freq 5 Freq 29167 Freq 0833 Freq	Body 29167 Body Body Body Body Body	Accelerome Accelerome Accelerome	eter eter eter eter	Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean Mean SD
29 SD 29 X 29 Y 29 X 29 Y 29 Z	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.03824582133 WALKING_DOWNSTAIRS 48 -0.09778506595 WALKING_DOWNSTAIRS 48 -0.41117345187 WALKING_DOWNSTAIRS 48 -0.09863791562 WALKING_DOWNSTAIRS 48 -0.12038152122 WALKING_DOWNSTAIRS 48 -0.54732088687 WALKING_DOWNSTAIRS	Freq 811122 Freq 33333 Freq 41667 Freq 29167 Freq 0833 Freq 5	Body 167 Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk	NA NA NA NA	Mean Mean SD SD SD
29 SD 29 X 29 Y 29 Z 29 X 29 Y 29 Y	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.03824582133 WALKING_DOWNSTAIRS 48 -0.097785065958 WALKING_DOWNSTAIRS 48 -0.41117345187 WALKING_DOWNSTAIRS 48 -0.098637915628 WALKING_DOWNSTAIRS 48 -0.120381521228 WALKING_DOWNSTAIRS 48 -0.54732088687 WALKING_DOWNSTAIRS 48 -0.54732088687 WALKING_DOWNSTAIRS 48 -0.54732088687	Freq 811122 Freq 33333 Freq 41667 Freq 29167 Freq 0833 Freq 5 Freq 963047	Body 19167 Body Body Body Body Body Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean Mean SD SD SD
29 SD 29 X 29 Y 29 X 29 Y 29 Z 29 Mean 29 SD	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.038245821338 WALKING_DOWNSTAIRS 48 -0.097785065958 WALKING_DOWNSTAIRS 48 -0.411173451878 WALKING_DOWNSTAIRS 48 -0.098637915628 WALKING_DOWNSTAIRS 48 -0.120381521228 WALKING_DOWNSTAIRS 48 -0.547320886878 WALKING_DOWNSTAIRS 48 -0.547320886878 WALKING_DOWNSTAIRS NA 48 0.00044888 WALKING_DOWNSTAIRS NA 48 0.00797718	Freq 811122 Freq 33333 Freq 41667 Freq 29167 Freq 0833 Freq 5 Freq 963047 Freq 432485	Body 19167 Body Body Body Body Body 191667 Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA Magni	Mean Mean SD SD SD itude
29 SD 29 X 29 Y 29 X 29 Y 29 Z 29 Mean 29	WALKING_DOWNSTAIRS NA 48 -0.0330868 WALKING_DOWNSTAIRS 48 -0.038245821338 WALKING_DOWNSTAIRS 48 -0.097785065958 WALKING_DOWNSTAIRS 48 -0.411173451878 WALKING_DOWNSTAIRS 48 -0.098637915628 WALKING_DOWNSTAIRS 48 -0.120381521228 WALKING_DOWNSTAIRS 48 -0.547320886878 WALKING_DOWNSTAIRS 48 -0.547320886878 WALKING_DOWNSTAIRS NA 48 0.00044888 WALKING_DOWNSTAIRS	Freq 811122 Freq 33333 Freq 41667 Freq 29167 Freq 0833 Freq 5 Freq 963047 Freq	Body 19167 Body Body Body Body Body 191667 Body	Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome Accelerome	eter eter eter eter eter eter eter	Jerk Jerk Jerk Jerk Jerk Jerk	NA NA NA NA NA NA Magni	Mean Mean SD SD SD itude

49	-0.152328112210204							
29		Гime	NA	Gyroscope	NA	NA	Mean	Z
49	0.0854318123467347							
29	WALKING_UPSTAIRS T	Cime	NA	Gyroscope	NA	NA	SD	X
49	-0.323904731622449							
29	<u>—</u>	Гime	NA	Gyroscope	NA	NA	SD	Y
49	0.0461103045102041	_						
29	<del>_</del>	Cime	NA	Gyroscope	NA	NA	SD	Z
49	-0.37481514122449	n	373	<b>G</b>	377	36		36
29	<del>_</del>	Cime	NA	Gyroscope	NA	Magni	Ltude	Mean
NA	49 0.04396276776081		NT 70	Curagana	<b>3.T.7</b> 3	Magn	+1140	CD
29 NA	WALKING_UPSTAIRS T 49 -0.0800476153673	Cime	INA	Gyroscope	NA	Magni	Ltude	שמ
NA 29		Cime	NT 7\	Gyroscope	Tork	NT 7A	Mean	v
49	-0.130429072653061	LTIME	IVA	Gyroscope	DELK	IVA	Mean	Λ
29		Cime	NΙΔ	Gyroscope	Jerk	NΔ	Mean	v
49	-0.0511035119816327	LIMC	1471	сутовсорс	OCIK	1421	ricuii	1
29		Гime	NΑ	Gyroscope	Jerk	NA	Mean	7.
49	-0.0680938780306122		-11-1	C/10200PC	00111		110411	_
29		Гime	NA	Gyroscope	Jerk	NA	SD	X
49	-0.474932606326531			-1				
29		Гime	NA	Gyroscope	Jerk	NA	SD	Y
49	-0.73422519244898							
29	WALKING_UPSTAIRS T	Гime	NA	Gyroscope	Jerk	NA	SD	Z
49	-0.558417024081633							
29	WALKING_UPSTAIRS T	Cime	NA	Gyroscope	Jerk	Magni	tude	Mean
NA	49 -0.6173408030612	225						
29	WALKING_UPSTAIRS T	Гime	NA	Gyroscope	Jerk	Magni	Ltude	SD
NA	49 -0.7128463183673	347						
29	<del>-</del>		Body	Accelerome	eter	NA	NA	Mean
X	49 0.26542306687755							
29				Accelerome	eter	NA	NA	Mean
Y	49 -0.0299465312326			_				
29	<del>-</del>		Body	Accelerome	eter	NA	NA	Mean
Z	49 -0.1180005878408							
29	WALKING_UPSTAIRS T		Body	Accelerome	eter	NA	NA	SD
X	49 -0.0867715569693		<b>-</b> 1					an.
29	<u>—</u>		воау	Accelerome	eter	NA	NA	SD
Y	49 -0.1221282876428		Dod	7 ~ ~ ~ ] ~ ~ ~ ~ ~	+	3.7.73	3.7.73	CD.
29	WALKING_UPSTAIRS T 49 0.09954435023469		воау	Accelerome	eter	NA	NA	SD
Z 29	WALKING UPSTAIRS		Bod <sub>17</sub>	Accelerome	tor	NA	Magni	i + udo
Mean	<u>—</u>		_	Accelerome	ccer	IVA	Magii	Luue
29				Accelerome	eter	NA	Magni	itude
SD	NA 49 -0.04146960		_	11000101101116		1417	1149111	
29	WALKING UPSTAIRS T			Accelerome	eter	Jerk	NA	Mean
X	49 0.10634519335387		2041			3 3 2 1 1	-1	
		-						

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29
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Y
          -0.000689019191836735
29
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk NA
                                                               Mean
Z
          -0.0290713871612245
29
                          Time Body Accelerometer
     WALKING UPSTAIRS
                                                    Jerk NA
                                                               SD
Х
          -0.182365815065306
29
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                               SD
                                                    Jerk NA
Y
     49
          -0.388624195510204
29
                          Time Body Accelerometer
                                                               SD
     WALKING UPSTAIRS
                                                    Jerk NA
Z
          -0.678763766530612
29
                          Time Body Accelerometer
                                                    Jerk Magnitude
     WALKING UPSTAIRS
               -0.344324833061224
Mean NA
29
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                    Jerk Magnitude
SD
          49
               -0.254485176020408
     NA
29
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                               NA
Mean X
          49
                0.929258953877551
29
                          Time Gravity
                                         Accelerometer
                                                         NA
                                                               NA
     WALKING UPSTAIRS
Mean Y
          49
               -0.227120125306122
29
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
Mean Z
          49
               0.0443786011771429
29
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                               NA
SD
          49
               -0.954189013061225
29
                          Time Gravity
                                          Accelerometer
     WALKING UPSTAIRS
                                                         NA
                                                               NA
SD
          49
               -0.923007798367347
29
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                         NA
                                                               NA
SD
               -0.858849467142857
29
                          Time Gravity
     WALKING UPSTAIRS
                                          Accelerometer
                                                         NA
Magnitude Mean NA
                     49
                          0.00834360271428571
     WALKING UPSTAIRS
                          Time Gravity
                                         Accelerometer
                                                         NA
                          -0.0414696051693878
Magnitude SD
               NA
     WALKING UPSTAIRS
29
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean X
49
     -0.260519290404082
29
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         Mean Y
49
     -0.39404534122449
29
     WALKING UPSTAIRS
                                    Gyroscope NA
                                                         Mean Z
                          Freq NA
                                                    NA
49
     -0.34170013244898
29
                                    Gyroscope NA
     WALKING UPSTAIRS
                          Freq NA
                                                    NA
                                                         SD
                                                               Х
49
     -0.350338205020408
29
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    NA
                                                         SD
                                                               Y
49
     0.234346783653061
29
     WALKING UPSTAIRS
                                    Gyroscope NA
                                                         SD
                                                               Z
                          Freq NA
                                                    NA
49
     -0.444153056530612
29
     WALKING UPSTAIRS
                                    Gyroscope NA
                                                    Magnitude Mean
                          Freq NA
NA
          -0.357213897032653
29
     WALKING UPSTAIRS
                          Freq NA
                                    Gyroscope NA
                                                    Magnitude SD
NA
          -0.074331469755102
29
     WALKING UPSTAIRS
                                    Gyroscope Jerk Magnitude Mean
                          Freq NA
```

```
NA
     49
          -0.697454553061225
29
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
     49
          -0.756464186122449
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
          -0.109793480008163
X
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Y
          -0.196011503540816
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               Mean
Z
          -0.320487882857143
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
X
     49
          -0.0790625306306122
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                               SD
Y
          -0.141258066657755
                          Freq Body Accelerometer
29
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                               SD
Z
          0.203057836877551
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
               -0.108306402963265
Mean NA
          49
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          Magnitude
SD
               -0.155993755897959
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
X
     49
          -0.225067771046939
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               Mean
Y
          -0.408886605510204
29
                                                               Mean
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
\mathbf{z}
          -0.646198587755102
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
X
          -0.211385397877551
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Y
          -0.408648946938776
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk NA
                                                               SD
Z
          -0.710116591836735
     49
29
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     Jerk Magnitude
          49
               -0.239108046693878
Mean NA
                          Freq Body Accelerometer
29
     WALKING UPSTAIRS
                                                     Jerk Magnitude
          49
                -0.280583556530612
SD
     NA
30
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
70
     -0.0267812218571429
30
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                Mean Y
70
     -0.0761476351714286
30
               Time NA
                          Gyroscope NA
                                               Mean Z
                                                          70
     LAYING
                                          NA
0.0938472163142857
30
     LAYING
                Time NA
                          Gyroscope NA
                                                     Х
                                          NA
                                                SD
70
     -0.973662822428571
30
                          Gyroscope NA
     LAYING
                Time NA
                                          NA
                                                SD
                                                     Y
70
     -0.966041673
30
                                                     Z
     LAYING
                Time NA
                          Gyroscope NA
                                          NA
                                                SD
70
     -0.968889156142857
```

30	LAYING			Gyroscope	NA	Magni	tude	Mean	NA	
70	-0.962284				377	36		a D	377	
30	LAYING	Time 1	NA	Gyroscope	NA	Magni	tude	SD	NA	
70	-0.951264		\ T 7\	G	T =1-	377	M	37		
30	LAYING			Gyroscope	Jerk	NA	Mean	Х		
70	-0.102277			G	T =1-	377	M	37		
30	LAYING -0.038487			Gyroscope	Jerk	NA	Mean	ĭ		
70		386/328 Time 1		C	Tomle	<b>3.</b> 7.7.	Moon	<b>17</b>		
30 70	LAYING			Gyroscope	nerk	NA	Mean	L		
30	-0.059573			Curoaaaa	Tords	NT 70	CD	v		
	LAYING			Gyroscope	nerk	NA	SD	X		
70	-0.983775			Curoaaaa	Tords	NT 70	CD	37		
30	LAYING			Gyroscope	Jerk	NA	SD	Y		
70	-0.980357			C	Tomle	<b>3.</b> 7.7.	CD	<b>17</b>		
30	LAYING			Gyroscope	Jerk	NA	SD	Z		
70	-0.980768			G	T =1-	M =		M	177	
30	LAYING	Time 1		Gyroscope	Jerk	Magni	tuae	Mean	NA	
70	-0.985086			G	T =1-	M =		a D	177	
30	LAYING			Gyroscope	Jerk	Magni	tuae	SD	NA	
70	<b>-0.</b> 976177			3 3		373	373	36		7.0
30	LAYING		воау	Accelerome	eter	NA	NA	Mean	Х	70
	1033900571		D = -l	3 1		377	377	M	37	
30			_	Accelerome	eter	NA	NA	Mean	Y	
70	-0.019449			3 1		377	377	M		
30			воау	Accelerome	eter	NA	NA	Mean	Z	
70	-0.103658		n1	3 1		373	373	a D		
30	LAYING			Accelerome	eter	NA	NA	SD	X	
70	-0.976362			3 3		373	373	a D	77	
30	LAYING		_	Accelerome	eter	NA	NA	SD	Y	
70	-0.954201			- 1				a 5	_	
30	LAYING		_	Accelerome	eter	NA	NA	SD	Z	
70	-0.967044			- 1						
30			_	Accelerome	eter	NA	Magnı	tude	Mean	NA
70	-0.969829			- 1					a 5	
30	LAYING		_	Accelerome	eter	NA	Magni	tude	SD	NA
	-0.960167			_		_				
30			Body	Accelerome	eter	Jerk	NA	Mean	X	70
	5219666642									
30			Body	Accelerome	eter	Jerk	NA	Mean	Y	70
	0768019008		_	_		_				
30	LAYING		_	Accelerome	eter	Jerk	NA	Mean	Z	
70	-0.000374					_				
30			_	Accelerome	eter	Jerk	NA	SD	X	
70	-0.977463			_						
30	LAYING		_	Accelerome	eter	Jerk	NA	SD	Y	
	-0.971049			_						
30	LAYING	Time I	Body	Accelerome	eter	Jerk	NA	SD	Z	

```
70
     -0.979517896142857
30
                Time Body Accelerometer
                                          Jerk Magnitude Mean NA
     LAYING
70
     -0.97923282
30
     LAYING
                Time Body Accelerometer
                                          Jerk Magnitude SD
                                                                NA
70
     -0.969642290285714
30
                Time Gravity
     LAYING
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean X
70
     -0.344737755285714
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Y
70
     0.732661247714286
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          Mean Z
70
     0.681459210714286
30
     LAYING
                Time Gravity
                                Accelerometer
                                                           SD
                                                                Х
                                                NA
                                                     NA
70
     -0.979563942714286
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Y
70
     -0.988930714857143
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                \mathbf{Z}
70
     -0.983274524857143
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     70
          -0.969829984285714
30
     LAYING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
     70
          -0.960167907285714
NA
30
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
70
     -0.971789052714286
30
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Y
70
     -0.968170332428571
30
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                Mean Z
70
     -0.967577361142857
                          Gyroscope NA
30
     LAYING
                Freq NA
                                          NA
                                                SD
                                                     Х
70
     -0.974488400714286
30
     LAYING
                Freq NA
                          Gyroscope NA
                                           NA
                                                SD
                                                     Y
70
     -0.965134152428571
30
     LAYING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     7.
70
     -0.972199238
30
     LAYING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
70
     -0.962001199
30
     LAYING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                           NA
70
     -0.952644449285714
30
     LAYING
                          Gyroscope Jerk Magnitude Mean NA
                Freq NA
70
     -0.977821335571429
30
                          Gyroscope Jerk Magnitude SD
     LAYING
                Freq NA
                                                           NA
70
     -0.975481548714286
30
     LAYING
                Freq Body Accelerometer
                                                NA
                                                     Mean X
                                           NA
70
     -0.974789999285714
```

Freq Body Accelerometer

Freq Body Accelerometer

Mean Y

Mean Z

NA

NA

NA

NA

30

70

30

70

LAYING

LAYING

-0.959974274571429

-0.970321991714286

30			Accelerom	eter	NA	NA	SD	X	
70 30	-0.977045		Accelerom	otor	NA	NA	SD	Y	
70	-0.953558		Accelerom	ecer	IVA	IVA	עמ	T	
30			Accelerom	eter	NA	NA	SD	Z	
70	-0.967188		necercion	CCCI	1471	1471	DD	4	
30			Accelerom	eter	NA	Magn:	itude	Mean	NΑ
70	-0.962840				-,				
30			Accelerom	eter	NA	Magn	itude	SD	NA
70	-0.964051					,			
30	LAYING	Freq Body	Accelerom	eter	Jerk	NA	Mean	X	
70	-0.976887	901571429							
30	LAYING	Freq Body	Accelerom	eter	Jerk	NA	Mean	Y	
70	-0.971696	279857143							
30	LAYING	Freq Body	Accelerom	eter	Jerk	NA	Mean	Z	
70	-0.975632	420428571							
30			Accelerom	eter	Jerk	NA	SD	X	
70	-0.980350	748142857							
30			Accelerom	eter	Jerk	NA	SD	Y	
70	-0.972434								
30			Accelerom	eter	Jerk	NA	SD	Z	
70	-0.982281		_		_		_		
30			Accelerom	eter	Jerk	Magn	itude	Mean	NA
70	-0.969949				_ ,		• . •	~-	
30	LAYING		Accelerom	eter	Jerk	Magn	ıtude	SD	NA
70	-0.968087		<b>Q</b>	377	377	36	17		
30	SITTING		Gyroscope	NA	NA	Mean	Х		
62 30		6482048387 Time NA		3.7.7.	3.7.73	Moon	37		
62	SITTING -0.074353		Gyroscope	NA	NA	Mean	Y		
30	SITTING	Time NA	Gyroscope	NΤΛ	NA	Mean	7	62	
	0200259838		dyloscope	IVA	IVA	Mean	7	02	
			Gyroscope	NΙΔ	NA	SD	v		
62	-0.988132		dyroscope	IVE	1177	מט	Λ		
30	SITTING	Time NA	Gyroscope	NA	NA	SD	Y		
62	-0.976477		C/10200p0			22	-		
30	SITTING		Gyroscope	NA	NA	SD	Z		
62	-0.955053		2 1						
30	SITTING	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
62	-0.955847	323870968							
30	SITTING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
62	-0.960641	288225806							
30	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	X		
62	-0.095270	767516129							
30	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
62	-0.040793	0587264516							
30	SITTING	Time NA	Gyroscope	Jerk	NA	Mean	Z		

62	-0.0488204595806452							
30	SITTING Time NA	Gyroscop	oe Jerk	NA	SD	Х		
62	-0.993868545483871	1 1						
30	SITTING Time NA	Gyroscop	e Jerk	NA	SD	Y		
62	-0.992491322903226							
30	SITTING Time NA	Gyroscop	e Jerk	NA	SD	Z		
62	-0.988124495645161							
30	SITTING Time NA	Gyroscop	e Jerk	Magn	itude	Mean	NA	
62	-0.993737388225806		_		_			
30	SITTING Time NA	Gyroscop	e Jerk	Magn	itude	SD	NA	
62	-0.991280225							
30	SITTING Time Body	Accelero	ometer	NA	NA	Mean	X	62
	8336081379032	3 3		373	373	36	**	
30	SITTING Time Body		ometer	NA	NA	Mean	Y	
62	-0.00804731295322583			377	377	Moon	<b>17</b>	
30 62	SITTING Time Body -0.099515446133871	Accelerc	ometer	NA	NA	Mean	Z	
30	SITTING Time Body	Magalore	omotor	NA	NT 7N	SD	v	
62	-0.983622744193548	Acceleto	niecer	IVA	NA	עמ	X	
30	SITTING Time Body	Accelero	matar	NA	NA	SD	Y	
62	-0.937857000806452	Acceleto	Jule ce I	IVA	IVA	שט	1	
30	SITTING Time Body	Accelero	meter	NA	NA	SD	Z	
62	-0.950654041290323	710001010	JIIIC CCI	1411	1411	DD	_	
30	SITTING Time Body	Accelero	ometer	NA	Magn:	itude	Mean	NΑ
62	-0.957487221451613							
30	SITTING Time Body	Accelero	ometer	NA	Magn	itude	SD	NA
62	-0.942901466612903				,			
30	SITTING Time Body	Accelero	ometer	Jerk	NA	Mean	X	62
0.07	60057731790323							
30	SITTING Time Body	Accelero	ometer	Jerk	NA	Mean	Y	62
0.00	975692523887097							
30	SITTING Time Body		ometer	Jerk	NA	Mean	$\mathbf{Z}$	
62	-0.00278161828080645	5						
30	SITTING Time Body	Accelero	ometer	Jerk	NA	SD	X	
62	-0.988864577419355							
30	SITTING Time Body	Accelero	ometer	Jerk	NA	SD	Y	
62	-0.980420928387097							
30	SITTING Time Body	Accelero	ometer	Jerk	NA	SD	Z	
62	-0.988164381290323	_		_				
30	SITTING Time Body	Accelero	ometer	Jerk	Magn	itude	Mean	NA
62	-0.987799055645161			<b>-</b> 1			<b>a</b> 5	
30	SITTING Time Body	Accelero	ometer	Jerk	Magn	ıtude	SD	NA
62	-0.98605764			a+ a ==	NT 7A	NT 70	Mos=	v
30	SITTING Time Grave	LTY ACC	celerom	eter	NA	NA	Mean	Χ
62	0.825473836935484	; + +	1010505	2+05	NT 74	NT 7A	Moon	V
30 62	SITTING Time Grav: 0.114588392624871	LLY ACC	ererome	eter	NA	NA	Mean	ĭ
UΖ	0.1143003920248/1							

```
30
                                Accelerometer
     SITTING
                Time Gravity
                                                NA
                                                     NA
                                                          Mean Z
62
     0.34476602
                                Accelerometer
30
     SITTING
                Time Gravity
                                                NA
                                                     NA
                                                          SD
                                                                Χ
62
     -0.978364712258065
30
                                Accelerometer
                                                          SD
                                                                Y
     SITTING
                Time Gravity
                                                NA
                                                     NA
62
     -0.959361306774194
30
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                          SD
                                                                Z
62
     -0.956635663064516
                Time Gravity
30
     SITTING
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     62
          -0.957487221451613
30
     SITTING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude SD
NA
     62
          -0.942901466612903
     SITTING
30
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean X
62
     -0.987034626451613
30
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                Mean Y
62
     -0.982005883387097
30
     SITTING
                          Gyroscope NA
                                          NA
                                                Mean Z
                Freq NA
62
     -0.961177109516129
30
     SITTING
                Freq NA
                          Gyroscope NA
                                          NA
                                                SD
                                                     Х
62
     -0.988484803225806
30
     SITTING
                          Gyroscope NA
                                                SD
                                                     Y
                Freq NA
                                          NA
62
     -0.973804950806452
30
                          Gyroscope NA
                                          NA
                                                SD
                                                     \mathbf{Z}
     SITTING
                Freq NA
62
     -0.95730868516129
30
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude Mean NA
62
     -0.973876282903226
30
     SITTING
                Freq NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
62
     -0.959513937258065
30
                          Gyroscope Jerk Magnitude Mean NA
     SITTING
                Freq NA
     -0.991750682096774
62
30
                          Gyroscope Jerk Magnitude SD
     SITTING
                Freq NA
                                                          NA
62
     -0.990946424516129
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean X
62
     -0.985008785
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     Mean Y
62
     -0.954076042258065
30
                Freq Body Accelerometer
                                                     Mean Z
     SITTING
                                          NA
                                                NA
62
     -0.966274090645161
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Х
62
     -0.983231005483871
30
     SITTING
                Freq Body Accelerometer
                                                     SD
                                                          Y
                                          NA
                                                NA
62
     -0.933992577903226
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                NA
                                                     SD
                                                          Z
     -0.946203823387097
62
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                Magnitude Mean NA
62
     -0.959923388064516
30
     SITTING
                Freq Body Accelerometer
                                          NA
                                                Magnitude SD
                                                                NA
```

```
62
     -0.943543732580645
30
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean X
62
     -0.988775436451613
30
     SITTING
               Freq Body Accelerometer
                                                     Mean Y
                                          Jerk NA
62
     -0.980405717258064
30
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     Mean Z
62
     -0.985978315322581
30
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Х
62
     -0.990017564516129
30
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          Y
62
     -0.981902116451613
30
     SITTING
               Freq Body Accelerometer
                                          Jerk NA
                                                     SD
                                                          \mathbf{z}
62
     -0.988971211935484
30
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude Mean NA
62
     -0.985826330967742
30
     SITTING
               Freq Body Accelerometer
                                          Jerk Magnitude SD
                                                               NA
62
     -0.985294959032258
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean X
59
     -0.027613853538983
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Y
59
     -0.0670334379830509
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               Mean Z
                                                          59
0.0802514754237288
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Х
59
     -0.911408517966102
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Y
59
     -0.94070541220339
30
     STANDING
               Time NA
                          Gyroscope NA
                                          NA
                                               SD
                                                     Z
     -0.93083468440678
59
30
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude Mean NA
59
     -0.913890564915254
30
     STANDING
               Time NA
                          Gyroscope NA
                                          Magnitude SD
                                                          NA
59
     -0.887247636779661
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean X
59
     -0.0997160228220339
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Y
59
     -0.0437759700423729
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               Mean Z
59
     -0.0520307176474576
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                                     Х
                                               SD
59
     -0.960119074237288
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     Y
59
     -0.968135006271186
30
     STANDING
               Time NA
                          Gyroscope Jerk NA
                                               SD
                                                     \mathbf{Z}
59
     -0.970845670677966
30
                          Gyroscope Jerk Magnitude Mean NA
     STANDING
               Time NA
59
     -0.972995273898305
```

30 59	STANDING -0.955995			Gyros	cope	Jerk	Magni	tude	SD	NA	
30	STANDING			Accel	erome	ter	NA	NA	Mean	X	59
	7112699152										
30	STANDING	Time	Body	Accel	erome	ter	NA	NA	Mean	Y	
59	-0.017016										
30	STANDING		_	Accel	erome	ter	NA	NA	Mean	Z	
59	-0.108756			a 1		L	377	377	an.	37	
30 59	STANDING -0.977559		_	Accel	erome	ter	NA	NA	SD	X	
30	STANDING			Accel	erome	ter	NA	NA	SD	Y	
59	-0.891654		_	110001	OL OING		-11-1	-11-1		_	
30	STANDING	Time	Body	Accel	erome	ter	NA	NA	SD	Z	
59	-0.912850	596949	152								
30	STANDING		_	Accel	erome	ter	NA	Magni	tude	Mean	NA
59	-0.930573							_			
30	STANDING		_	Accel	erome	ter	NA	Magni	tude	SD	NA
59	-0.916570			7~~~1		±	Totale	NT 70	Moon	v	ΕO
30	STANDING 5241447203		воау	Accel	erome	ter	Jerk	NA	Mean	Х	59
30	STANDING		Body	Accel	erome	ter	Jerk	NΑ	Mean	V	59
	2086041634		Doay	110001	CI OINC		CCIN	1411	iicaii	-	33
30	STANDING		Body	Accel	erome	ter	Jerk	NA	Mean	Z	59
0.001	1908414581	30508	_								
30	STANDING		_	Accel	erome	ter	Jerk	NA	SD	X	
59	-0.968430										
30	STANDING		_	Accel	erome	ter	Jerk	NA	SD	Y	
59	-0.957318			a 1			T1-	373	a D		
30 59	STANDING -0.968897		_	Accel	erome	ter	Jerk	NA	SD	Z	
30	STANDING			Accel	erome	ter	.Terk	Magni	+11de	Mean	NΔ
59	-0.971225		_	ACCEI	erome	CEI	OCIK	Magiii	cuue	Hean	IVA
30	STANDING			Accel	erome	ter	Jerk	Magni	tude	SD	NA
59	-0.950762		_					_			
30	STANDING	Time	Gravi	ty	Accel	erome	eter	NA	NA	Mean	X
59	0.9685567										
30	STANDING			ty	Accel	erome	eter	NA	NA	Mean	Y
59	-0.100296						_				_
30	STANDING			ty	Accel	erome	eter	NA	NA	Mean	Z
59 30	0.0243044 STANDING			+ 17	Nago 1	erome	tor	NA	NA	SD	Х
59	-0.996420			. C y	ACCEI	ELOINE	cer	IVA	IVA	שט	Λ
30	STANDING			tv	Accel	erome	eter	NA	NA	SD	Y
59	-0.958145			- 1					=		_
30	STANDING	Time		ty	Accel	erome	eter	NA	NA	SD	Z
59	-0.949207	368305	085								
30	STANDING	Time	Gravi	ty	Accel	erome	eter	NA	Magni	tude	Mean

```
-0.930573574915254
NA
     59
30
     STANDING Time Gravity
                               Accelerometer
                                               NA
                                                    Magnitude SD
          -0.916570441355932
NA
30
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean X
59
     -0.915742855084746
30
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Y
59
     -0.945628836949153
30
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               Mean Z
59
     -0.937798124576271
30
     STANDING Freq NA
                          Gyroscope NA
                                               SD
                                                    Х
                                         NA
59
     -0.911718163220339
30
     STANDING Freq NA
                          Gyroscope NA
                                               SD
                                                    Y
                                         NA
59
     -0.939469774067797
30
     STANDING Freq NA
                          Gyroscope NA
                                         NA
                                               SD
                                                    Z
59
     -0.935176884915254
30
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude Mean NA
59
     -0.917449417288136
30
     STANDING Freq NA
                          Gyroscope NA
                                         Magnitude SD
                                                         NA
59
     -0.888872227966102
     STANDING Freq NA
30
                          Gyroscope Jerk Magnitude Mean NA
59
     -0.959242165084746
30
     STANDING Freq NA
                          Gyroscope Jerk Magnitude SD
                                                         NA
59
     -0.955008564237288
30
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean X
59
     -0.972014050847458
30
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Y
59
     -0.919475121186441
30
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    Mean Z
59
     -0.938089774915254
30
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Χ
59
     -0.980426575762712
30
     STANDING Freq Body Accelerometer
                                         NA
                                               NA
                                                    SD
                                                         Y
59
     -0.885572781694915
     STANDING Freq Body Accelerometer
                                                    SD
30
                                         NA
                                               NA
                                                         \mathbf{z}
59
     -0.907286793050847
30
     STANDING Freq Body Accelerometer
                                               Magnitude Mean NA
                                         NA
59
     -0.932047450677966
30
     STANDING Freq Body Accelerometer
                                         NA
                                               Magnitude SD
                                                              NA
59
     -0.921733233050847
30
     STANDING Freq Body Accelerometer
                                         Jerk NA
                                                    Mean X
59
     -0.967857589322034
30
     STANDING Freq Body Accelerometer
                                          Jerk NA
                                                    Mean Y
59
     -0.957434887457627
     STANDING Freq Body Accelerometer
30
                                         Jerk NA
                                                    Mean Z
59
     -0.962892627966102
30
     STANDING Freq Body Accelerometer
                                                    SD
                                                         Х
                                         Jerk NA
59
     -0.972216728644068
```

30 59	STANDING -0.9604423		Accelerome	eter	Jerk	NA	SD	Y	
30			Accelerome	eter	Jerk	NA	SD	Z	
59	-0.9739543								
30	STANDING	Freq Body	Accelerome	eter	Jerk	Magn	itude	Mean	NA
59	-0.9533576	15932203							
30			Accelerome	eter	Jerk	Magn	itude	SD	NA
59	-0.9466398								
30	WALKING	Time NA	Gyroscope	NA	NA	Mean	X		
65	-0.0459505		<b>G</b>	377	377	M	37		
30 65	WALKING -0.0649170	Time NA	Gyroscope	NA	NA	Mean	Y		
30	-0.0649170 WALKING	7927338462 Time NA	Gyroscope	NT 7A	NA	Mean	7	65	
	39568239261		Gyroscope	IVA	IVA	Mean	Zi	0.5	
30	WALKING		Gyroscope	NΔ	NA	SD	Х		
65	-0.3879205		аутовсорс	1421	1421	DD	21		
30	WALKING	Time NA	Gyroscope	NA	NA	SD	Y	65	
	600277892	111110 1111	Сугорооро	-11-1	-11-1	22	-		
30	WALKING	Time NA	Gyroscope	NA	NA	SD	Z		
65	-0.1825696		1 1						
30	WALKING	Time NA	Gyroscope	NA	Magn	itude	Mean	NA	
65	-0.0229640	797463077			_				
30	WALKING	Time NA	Gyroscope	NA	Magn	itude	SD	NA	
65	-0.2668457	31292308							
30	WALKING	Time NA	Gyroscope	Jerk	NA	Mean	X		
65	-0.0873839	917276923							
30	WALKING	Time NA	Gyroscope	Jerk	NA	Mean	Y		
65	-0.0617028								
30	WALKING	Time NA	Gyroscope	Jerk	NA	Mean	$\mathbf{Z}$		
65	-0.0446007								
30	WALKING	Time NA	Gyroscope	Jerk	NA	SD	X		
65	-0.4603453		_	_ ,		~-			
30	WALKING		Gyroscope	Jerk	NA	SD	Y		
65	-0.4976218		<b>G</b>	T1-	377	an.			
30	WALKING -0.4762087	Time NA	Gyroscope	Jerk	NA	SD	Z		
65 30			Crroggono	Tords	Magn		Moon	NT 70	
65	WALKING -0.4720687		Gyroscope	perk	Magii.	Luue	Mean	NA	
30	WALKING	Time NA	Gyroscope	Jork	Magn	i + 11do	g D	NA	
65	-0.5469772		dyloscope	OGIK	Magii	Lcude	שט	IVA	
30	WALKING		Accelerome	eter	NA	NA	Mean	x	65
	6406758	Time body	710001010III	2001	1111	1111	nean	21	0.5
30	WALKING	Time Body	Accelerome	eter	NA	NA	Mean	Y	
65	-0.0175880	_	3 <b>- 31</b>		- · <del>-</del>	- · <del>-</del>			
30	WALKING		Accelerome	eter	NA	NA	Mean	Z	
65	-0.0986247	_							
30	WALKING	Time Body	Accelerome	eter	NA	NA	SD	X	
		_							

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65
     -0.346394275230769
30
                Time Body Accelerometer
                                                     SD
     WALKING
                                          NA
                                                NA
                                                           Y
65
     -0.173550021692308
30
     WALKING
                Time Body Accelerometer
                                           NA
                                                NA
                                                     SD
                                                           Z
     -0.120476783907692
65
30
                Time Body Accelerometer
     WALKING
                                           NA
                                                Magnitude Mean NA
65
     -0.195140032969231
30
     WALKING
                Time Body Accelerometer
                                           NA
                                                Magnitude SD
                                                                NA
65
     -0.359873411538462
30
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean X
                                                                65
0.0688689970184615
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean Y
                                                                65
0.0219656545
30
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     Mean Z
65
     -0.00739534236
30
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Х
65
     -0.374400941384615
30
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           Υ
65
     -0.270709274446154
30
     WALKING
                Time Body Accelerometer
                                           Jerk NA
                                                     SD
                                                           \mathbf{Z}
65
     -0.521351855076923
30
     WALKING
                Time Body Accelerometer
                                           Jerk Magnitude Mean NA
65
     -0.352111713846154
                Time Body Accelerometer
30
     WALKING
                                          Jerk Magnitude SD
                                                                NA
     -0.353751020923077
65
30
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean X
65
     0.965217551076923
30
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Y
     -0.157673823846154
65
30
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     NA
                                                           Mean Z
65
     -0.00392556384476923
30
                Time Gravity
     WALKING
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
                                                                Х
65
     -0.979752466923077
                                Accelerometer
30
     WALKING
                Time Gravity
                                                NA
                                                     NA
                                                           SD
                                                                Y
65
     -0.970176562153846
30
                Time Gravity
                                                                Z
     WALKING
                                Accelerometer
                                                NA
                                                     NA
                                                           SD
65
     -0.943958420615385
30
     WALKING
                Time Gravity
                                Accelerometer
                                                NA
                                                     Magnitude Mean
NA
     65
          -0.195140032969231
     WALKING
30
                Time Gravity
                                Accelerometer
                                                     Magnitude SD
                                                NA
          -0.359873411538462
NA
     65
30
                Freq NA
                          Gyroscope NA
                                                Mean X
     WALKING
                                           NA
65
     -0.374440300461538
30
                          Gyroscope NA
                                                Mean Y
     WALKING
                Freq NA
                                          NA
65
     -0.175900924040154
30
                          Gyroscope NA
     WALKING
                Freq NA
                                          NA
                                                Mean Z
     -0.247350343692308
65
```

30	WALKING	Freq	NA	Gyroscope	NA	NA	SD	X		
65	-0.3990323	346								
30	WALKING	Freq	NA	Gyroscope	NA	NA	SD	Y	65	
0.095	55456046230	0769								
30	WALKING	Freq	NA	${\tt Gyroscope}$	NA	NA	SD	$\mathbf{Z}$		
65	-0.237941	473615	385							
30	WALKING	Freq	NA	${\tt Gyroscope}$	NA	Magni	itude	Mean	NA	
65	-0.3583443	356								
30	WALKING	Freq	NA	${\tt Gyroscope}$	NA	Magni	itude	SD	NA	
65	-0.331541	740923	3077							
30	WALKING	Freq	NA	${\tt Gyroscope}$	Jerk	Magni	Ltude	Mean	NA	
65	-0.547621	753230	769							
30	WALKING	Freq	NA	${\tt Gyroscope}$	Jerk	Magni	itude	SD	NA	
65	-0.5785800	044615	385							
30	WALKING	Freq	Body	Accelerome	eter	NA	NA	Mean	X	
65	-0.3514029	910907	7692							
30	WALKING	Freq	Body	Accelerome	eter	NA	NA	Mean	Y	
65	-0.193856	663907	7692							
30	WALKING	_	_	Accelerome	eter	NA	NA	Mean	Z	
65	-0.3095588	882615	385							
30	WALKING	_	_	Accelerome	eter	NA	NA	SD	X	
65	-0.344928	112461	L538							
30	WALKING	_	_	Accelerome	eter	NA	NA	SD	Y	
65	-0.2156343									
30	WALKING	_	_	Accelerome	eter	NA	NA	SD	$\mathbf{Z}$	
65	-0.093144									
30	WALKING	_	_	Accelerome	eter	NA	Magn	itude	Mean	NA
55	-0.342363			_						
30	WALKING	_	_	Accelerome	eter	NA	Magn	itude	SD	NA
65	-0.469852			_		_				
30	WALKING	_	_	Accelerome	eter	Jerk	NA	Mean	Х	
55	-0.3895950				_					
30		_	_	Accelerome	eter	Jerk	NA	Mean	Y	
65	-0.2995253				_				_	
30	WALKING	_	_	Accelerome	eter	Jerk	NA	Mean	Z	
65	-0.467030					_ ,		~-		
30	WALKING	_	Body	Accelerome	eter	Jerk	NA	SD	X	
65	-0.4151353				_					
30	WALKING	_	_	Accelerome	eter	Jerk	NA	SD	Y	
65	-0.289466			_		_				
30	WALKING	_	_	Accelerome	eter	Jerk	NA	SD	Z	
65	-0.5754102									
30	WALKING	_	_	Accelerome	eter	Jerk	Magn	itude	Mean	ΝA
65	-0.347180								~-	
30	WALKING	_	_	Accelerome	eter	Jerk	Magn	Ltude	SD	NA
65 20	-0.366537			mi	<b>G</b> =		37.7			17
30	WALKING_DO	JWNSTA	ATKS	Time NA	Gyros	scope	NA	NA	Mean	Х

62	-0.0745591301759677						
30		e NA	Gyroscope	NA	NA	Mean	Y
62	-0.0693112411951613						
30	WALKING_DOWNSTAIRS Tim	e NA	Gyroscope	NA	NA	Mean	Z
62	0.0895767797064516						
30	<del>_</del>	e NA	Gyroscope	NA	NA	SD	X
62	-0.265923160895161						
30	<del>_</del>	e NA	Gyroscope	NA	NA	SD	Y
62	-0.285392416354839						
30	<del>_</del>	e NA	Gyroscope	NA	NA	SD	Z
62	-0.29537036283871	- 373		377	36		
30	<del>_</del>	e NA	Gyroscope	NA	Magn	itude	Mean
NA 30	62 -0.095537320533871		Curagana	NT 7N	Magn	: + d .	CD
NA	WALKING_DOWNSTAIRS Tim 62 -0.208267542032258	e NA	Gyroscope	NA	Magii.	itude	מפ
30		e NA	Gyroscope	Tork	NΙΛ	Mean	v
62	-0.0615954583870968	C NA	Gyloscope	DELK	IVA	Mean	Λ
30		e NA	Gyroscope	Jerk	NΑ	Mean	v
62	-0.0496807640258064	CIVA	dyroscope	OCIK	1471	rican	_
30		e NA	Gyroscope	Jerk	NA	Mean	7.
62	-0.0543595229322581		C/10200PC	00111	-11-1	110411	_
30		e NA	Gyroscope	Jerk	NA	SD	X
62	-0.542764507096774		1				
30	WALKING_DOWNSTAIRS Tim	e NA	Gyroscope	Jerk	NA	SD	Y
62	-0.613796303064516						
30	WALKING_DOWNSTAIRS Tim	e NA	Gyroscope	Jerk	NA	SD	Z
62	-0.498882854032258						
30	<del>_</del>	e NA	Gyroscope	Jerk	Magn	itude	Mean
NA	62 -0.574337006451613						
30	<del>_</del>	e NA	Gyroscope	Jerk	Magn	itude	SD
NA	62 -0.617662073548387		_				
30	<b>—</b>	e Body	Accelerome	eter	NA	NA	Mean
X	62 0.283190646967742	<b>-</b> 1					3.6
30	<u>—</u>	_	Accelerome	eter	NA	NA	Mean
Y	62 -0.017438390020483		. Aggolorom	2+25	NT 7N	<b>3</b> .T.73	Moon
30	WALKING_DOWNSTAIRS Tim 62 -0.099978142232258	_	Acceletome	eter	NA	NA	Mean
Z 30	WALKING DOWNSTAIRS Tim		, Aggolorom	ator	NA	NA	SD
X	62 -0.057770316354838	_	Acceleroni	ecer	IVA	IVA	עמ
30	WALKING DOWNSTAIRS Tim		Accelerom	eter	NA	NA	SD
Y	62 -0.027262807770967	_	necerción	CCI	1471	1421	DD
30	WALKING DOWNSTAIRS Tim		Accelerome	eter	NA	NA	SD
Z	62 -0.217275690290323	_				_,	
30	WALKING DOWNSTAIRS Tim		Accelerome	eter	NA	Magn	itude
Mean	<u>—</u>	_				_	
30	WALKING_DOWNSTAIRS Tim			eter	NA	Magn	itude
SD	NA 62 -0.0135771208	822581				_	

30	WALKING_DOWNSTAIRS		Body	Accel	Lerome	eter	Jerk	NA	Mean
Х 30	62 0.088393303704 WALKING DOWNSTAIRS		Pody	7000	loroma	tor	Jerk	NT 70	Mean
У У	62 <b>-0.</b> 00756110754		_	Accel	rerome	scer	DELY	IVA	mean
30	WALKING DOWNSTAIRS			Accel	Lerome	eter	Jerk	NA	Mean
Z	62  -0.01183014230		-						
30	WALKING_DOWNSTAIRS	Time	Body	Accel	Lerome	eter	Jerk	NA	SD
X	62 -0.22664390112								
30	WALKING_DOWNSTAIRS		Body	Acce]	Lerome	eter	Jerk	NA	SD
Y	62 -0.19465609655		D1	<b>3</b> 7			<b>T</b> 1-	373	an
30	WALKING_DOWNSTAIRS 62 -0.46707015338		воау	Acce	Lerome	eter	Jerk	NA	SD
Z 30	62 -0.46707015338 WALKING_DOWNSTAIRS		Podv	7000	loroma	tor	Tork	Magn	: + 11do
Mean	<del>_</del>			Accel	rerome	ecer	nerk	Mayii.	Luue
30	WALKING DOWNSTAIRS			Acce	larome	+ar	Tork	Magn	i + 11da
SD	NA 62 -0.125283		_	ACCE	LELOIN	CCI	OGIK	Magii	Lcude
30	WALKING DOWNSTAIRS			i + 37	Acce.	Lerome	tor	NA	NA
Mean	<u>—</u>			LCy	ACCE.	LCLOIIIC	CCI	IVA	IVA
30	WALKING DOWNSTAIRS			i + <del>v</del>	Acce	Lerome	ter	NA	NA
Mean	<del>_</del>			LOY	11000	LCLOIIIC	CCI	1421	1411
30	WALKING DOWNSTAIRS			itv	Acce	Lerome	eter	NA	NA
Mean	<u>—</u>				11000			-11-1	-11-1
30	WALKING DOWNSTAIRS			itv	Acce	Lerome	eter	NA	NA
SD	X 62 -0.958890			1				_,	_,
30	WALKING DOWNSTAIRS			ity	Acce	Lerome	eter	NA	NA
SD	Y 62 -0.918678			-					
30	WALKING DOWNSTAIRS	Time	Grav	ity	Acce	Lerome	eter	NA	NA
SD	Z 62 -0.877667			-					
30	WALKING DOWNSTAIRS	Time	Gravi	ity	Acce	Lerome	eter	NA	
Magn	itude Mean NA 62	-0.03	373901	112246	59355				
30	WALKING_DOWNSTAIRS	Time	Grav	ity	Acce	Lerome	eter	NA	
Magn	itude SD NA 62	-0.01	13577	120882	22581				
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	X
62	-0.263061628069355								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	Y
62	-0.348065119677419								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	Mean	$\mathbf{Z}$
62	-0.263720763854839								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	X
62	-0.278386596338226								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	Y
62	-0.255732054951613								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	NA	SD	$\mathbf{Z}$
62	-0.371541476129032								
30	WALKING_DOWNSTAIRS	Freq	NA	Gyros	scope	NA	Magn	itude	Mean
NA	62 -0.35677234734			_					
30	WALKING_DOWNSTAIRS	Freq	ΝĀ	Gyros	scope	ΝA	Magn	itude	SD

NA	62 -0.25236188257	2581						
30	WALKING_DOWNSTAIRS		NA	Gyroscope	Jerk	Magn	itude	Mean
NA	62 -0.61757881403							
30	WALKING_DOWNSTAIRS	_	NA	Gyroscope	Jerk	Magn	itude	SD
NA	62 <b>-0.64550394241</b>		D1	31	- t	377	377	Maan
30 X	WALKING_DOWNSTAIRS 62 -0.10696695708	_	воау	Accelerome	eter	NA	NA	Mean
30	WALKING DOWNSTAIRS		Body	Accelerome	ator	NA	NA	Mean
Y	62 <b>-0.</b> 02166370542	_	Боау	Accelerone	SCEL	INT	IVA	neun
30	WALKING DOWNSTAIRS		Bodv	Accelerome	eter	NA	NA	Mean
$\mathbf{Z}$	62 -0.25806736666	_	_					
30	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
X	62  -0.04052570915	67742						
30	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	NA	NA	SD
Y	62 -0.09346826137							
30	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	NA	NA	SD
Z	62 -0.25739337228		<b>-</b> 1					
30	WALKING_DOWNSTAIRS	_	_	Accelerome	eter	NA	Magn	itude
Mean 30	NA 62 0.0041015 WALKING DOWNSTAIRS			Aggoloromo	ator	NA	Magn	itude
SD	NA 62 -0.178535	_	_	Acceletome	erer	IVA	Magii.	rtude
30	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	NΑ	Mean
X	62 <b>-0.</b> 23492314663	_	Dody	7100010110	CCI	OCIK	1421	nean
30	WALKING DOWNSTAIRS		Bodv	Accelerome	eter	Jerk	NA	Mean
Y	62 -0.22499278043	_	1					
30	WALKING_DOWNSTAIRS	Freq	Body	Accelerome	eter	Jerk	NA	Mean
Z	62 -0.39968869403	2258						
30	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
X	62 -0.28980272940							
30	WALKING_DOWNSTAIRS	_	Body	Accelerome	eter	Jerk	NA	SD
Y	62 -0.21743201925		<b>-</b> 1			- 1		an.
30	WALKING_DOWNSTAIRS	_	воау	Accelerome	eter	Jerk	NA	SD
Z 30	62 -0.53551504838		Podu	Aggoloromo	otor	Tork	Magn	i + udo
Mean	WALKING_DOWNSTAIRS NA 62 -0.125961	_	_	Acceletome	erer	Derk	Magii.	rcude
30	WALKING DOWNSTAIRS			Accelerome	eter	Jerk	Magn	i tude
SD	NA 62 -0.133124	_	_	11000101101110	2001	CCIN	1149111	Loude
30	WALKING UPSTAIRS	Time		Gyroscope	NA	NA	Mean	X
65	-0.0035597457692307			<u> </u>				
30	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	Mean	Y
65	<b>-0.</b> 0779606464676923							
30	WALKING_UPSTAIRS	Time	NA	${\tt Gyroscope}$	NA	NA	Mean	Z
65	0.0814699303289231							
30	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	X
65	-0.493837520761538			_				
30	WALKING_UPSTAIRS	Time	NA	Gyroscope	NA	NA	SD	Y
65	-0.0840481513184615							

30 65	WALKING_UPSTAIRS Time -0.211573579892308	NA	Gyroscope	NA	NA	SD	Z
30	WALKING_UPSTAIRS Time	NA	Gyroscope	NA	Magn	itude	Mean
NA	65 -0.113608367276923	377	G	37.7	M =		αD
30 NA	WALKING_UPSTAIRS Time 65 -0.169293534323077	· NA	Gyroscope	NA	magn:	itude	รบ
30	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	X
65	-0.108414261326154	377	<b>G</b>	<b>T</b> 1-	377	37	77
30 65	WALKING_UPSTAIRS Time -0.0141113353615385	· NA	Gyroscope	Jerk	NA	Mean	Y
30	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	Mean	Z
65	-0.0364157841384615						
30	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	NA	SD	X
65	-0.742749529538462	377	G	T1-	377	ap.	37
30 65	WALKING_UPSTAIRS Time -0.743336958461538	· NA	Gyroscope	Jerk	NA	SD	Y
30	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	NΑ	SD	Z
65	-0.665150619230769	1171	dyrobcope	OCIN	1421	DD	2
30	WALKING UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	Mean
NA	65 -0.718780256769231		1 1		,		
30	WALKING_UPSTAIRS Time	NA	Gyroscope	Jerk	Magn	itude	SD
NA	65 -0.774439096769231						
30	<del></del>	Body	Accelerome	eter	NA	NA	Mean
X	65 0.271415642261538	D1	7 7		373	377	<b>M</b>
30 Y	WALKING_UPSTAIRS Time 65 -0.0253311698786154	_	Accelerome	eter	NA	NA	Mean
30			Accelerome	eter	NA	NA	Mean
Z	65 -0.124697493775385	Восу	necesciona	2001	1421	1421	nean
30		Body	Accelerome	eter	NA	NA	SD
X	65 -0.350504475230769	_					
30	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Y	65 -0.127311157607692						
30	WALKING_UPSTAIRS Time	Body	Accelerome	eter	NA	NA	SD
Z	65 0.0249468034966154		_				
30	WALKING_UPSTAIRS Time	_	Accelerome	eter	NA	Magn	itude
Mean 30	NA 65 -0.13762785722 WALKING UPSTAIRS Time		Aggolorom	2+02	NT 70	Magn	itude
SD	NA 65 -0.32741081586	_	Accelerome	ecer	NA	Magii.	rtude
30	WALKING UPSTAIRS Time		Accelerome	eter	Jerk	NA	Mean
X	65 0.0579840372876923	Bour	110001010111	3001	00111	-11-1	110411
30	WALKING UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
Y	65 -0.0035871922876923	1					
30	WALKING_UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	Mean
Z	65 0.0161506198923077		_				
30	WALKING_UPSTAIRS Time	Body	Accelerome	eter	Jerk	NA	SD
X 30	65 -0.535420203384615	Dod.	Nago <sup>1</sup> orom	n+ o ~	To ~1-	NT 7A	CD
30	WALKING_UPSTAIRS Time	ьоиу	VCCETETOIII	= reT	Jerk	INT	SD

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Y
     65
          -0.587214542923077
30
                          Time Body Accelerometer
                                                     Jerk NA
                                                                SD
     WALKING UPSTAIRS
Z
     65
          -0.761942025384615
30
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
                -0.596600099538461
Mean NA
          65
30
     WALKING UPSTAIRS
                          Time Body Accelerometer
                                                     Jerk Magnitude
SD
                -0.561837706461538
          65
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
                0.93182983
Mean X
          65
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean Y
                -0.226647292153846
          65
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
Mean Z
          65
                -0.0221401100714154
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
          65
                -0.954033624307692
SD
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
          65
                -0.914933936
     Y
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                                                                NA
SD
          65
                -0.862402791230769
30
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
                          -0.137627857227385
Magnitude Mean NA
                     65
     WALKING UPSTAIRS
                          Time Gravity
                                          Accelerometer
                                                          NA
Magnitude SD
                          -0.327410815861538
                NA
                     65
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean X
65
     -0.488039003123077
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Y
65
     -0.366058433230769
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          Mean Z
65
     -0.318937001538462
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Х
65
     -0.503484236964615
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     NA
                                                          SD
                                                                Y
65
     0.0449545535584615
                                     Gyroscope NA
30
     WALKING UPSTAIRS
                          Freq NA
                                                     NA
                                                          SD
                                                                \mathbf{Z}
     -0.253427074984615
65
30
     WALKING UPSTAIRS
                          Freq NA
                                     Gyroscope NA
                                                     Magnitude Mean
          -0.449150735076923
NA
30
     WALKING UPSTAIRS
                                     Gyroscope NA
                                                     Magnitude SD
                          Freq NA
NA
          -0.151472278383077
30
                                     Gyroscope Jerk Magnitude Mean
     WALKING UPSTAIRS
                          Freq NA
NA
          -0.773974451846154
30
     WALKING UPSTAIRS
                                     Gyroscope Jerk Magnitude SD
                          Freq NA
NA
          -0.791349425076923
30
                          Freq Body Accelerometer
     WALKING UPSTAIRS
                                                     NA
                                                          NA
                                                                Mean
Х
     65
          -0.420402828153846
30
     WALKING UPSTAIRS
                          Freq Body Accelerometer
                                                     NA
                                                          NA
                                                                Mean
          -0.297813768569231
Y
     65
```

30	WALKI	NG_U	UPSTAIRS	Freq	Body	Accelerometer	NA	NA	Mean
Z	65	-0.3	36751984						
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	NA	NA	SD
X	65	-0.3	326260358153	8846					
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	NA	NA	SD
Y	65	-0.	104299180318	3462					
30	WALKI	NG_U	UPSTAIRS	Freq	Body	Accelerometer	NA	NA	SD
Z	65	0.12	214474149209	23					
30	WALKI	NG_U	UPSTAIRS	Freq	Body	Accelerometer	NA	Magni	itude
Mean	NA	65	-0.4005883	353846	5154				
30	WALKI	NG_U	UPSTAIRS	Freq	Body	Accelerometer	NA	Magni	itude
SD	NA	65	-0.3945080	80769	231				
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	Mean
X	65	-0.5	55067842						
30	WALKI	NG_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	Mean
Y	65	-0.	592919440769	231					
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	Mean
$\mathbf{Z}$	65	-0.	737803881230	769					
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	SD
X	65	-0.5	561565206615	385					
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	SD
Y	65	-0.0	610826602						
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	NA	SD
$\mathbf{Z}$	65	-0.	78475388						
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	Magni	itude
Mean	NA	65	-0.5497848	390615	385				
30	WALKI	ING_U	UPSTAIRS	Freq	Body	Accelerometer	Jerk	Magni	itude
SD	NA	65	-0.5808781	33230	769				