

DATA DICTIONARY - featureMean.txt

Nr	Variable	Description	time domain signal / frequency domain signal	Direction (x,y,z)	Calculation	Datatype
1	activity	WALKING WALKING_UPSTAIRS WALKING_DOWNSTAIRS SITTING STANDING LAYING				Character
2	subjectnr	Subject Nr. 1 to Nr. 30				Integer
3	tbodyaccmeanx	body accelerator	time domain signal	x	Mean value	Numeric
4	tbodyaccmeany	body accelerator	time domain signal	y	Mean value	Numeric
5	tbodyaccmeanz	body accelerator	time domain signal	z	Mean value	Numeric
6	tbodyaccstdx	body accelerator	time domain signal	x	Standard deviation	Numeric
7	tbodyaccstdy	body accelerator	time domain signal	y	Standard deviation	Numeric
8	tbodyaccstdz	body accelerator	time domain signal	z	Standard deviation	Numeric
9	tgravityaccmeanx	gravity accelerator	time domain signal	x	Mean value	Numeric
10	tgravityaccmeany	gravity accelerator	time domain signal	y	Mean value	Numeric
11	tgravityaccmeanz	gravity accelerator	time domain signal	z	Mean value	Numeric
12	tgravityaccstdx	gravity accelerator	time domain signal	x	Standard deviation	Numeric
13	tgravityaccstdy	gravity accelerator	time domain signal	y	Standard deviation	Numeric
14	tgravityaccstdz	gravity accelerator	time domain signal	z	Standard deviation	Numeric
15	tbodyaccjerkmeanx	jerk	time domain signal	x	Mean value	Numeric
16	tbodyaccjerkmeany	jerk	time domain signal	y	Mean value	Numeric
17	tbodyaccjerkmeanz	jerk	time domain signal	z	Mean value	Numeric
18	tbodyaccjerkstdx	jerk	time domain signal	x	Standard deviation	Numeric
19	tbodyaccjerkstdy	jerk	time domain signal	y	Standard deviation	Numeric
20	tbodyaccjerkstdz	jerk	time domain signal	z	Standard deviation	Numeric

21	tbodygyromeanx	gyroscope	time domain signal	x	Mean value	Numeric
22	tbodygyromeany	gyroscope	time domain signal	y	Mean value	Numeric
23	tbodygyromeanz	gyroscope	time domain signal	z	Mean value	Numeric
24	tbodygyrostdx	gyroscope	time domain signal	x	Standard deviation	Numeric
25	tbodygyrostdy	gyroscope	time domain signal	y	Standard deviation	Numeric
26	tbodygyrostdz	gyroscope	time domain signal	z	Standard deviation	Numeric
27	tbodygyrojerkmeanx	gyroscope/jerk	time domain signal	x	Mean value	Numeric
28	tbodygyrojerkmeany	gyroscope/jerk	time domain signal	y	Mean value	Numeric
29	tbodygyrojerkmeanz	gyroscope/jerk	time domain signal	z	Mean value	Numeric
30	tbodygyrojerkstdx	gyroscope/jerk	time domain signal	x	Standard deviation	Numeric
31	tbodygyrojerkstdy	gyroscope/jerk	time domain signal	y	Standard deviation	Numeric
32	tbodygyrojerkstdz	gyroscope/jerk	time domain signal	z	Standard deviation	Numeric
33	tbodyaccmagmean	body accelerator magnitude	time domain signal	-	Mean value	Numeric
34	tbodyaccmagstd	body accelerator magnitude	time domain signal	-	Standard deviation	Numeric
35	tgravityaccmagmean	gravity accelerator magnitude	time domain signal	-	Mean value	Numeric
36	tgravityaccmagstd	gravity accelerator magnitude	time domain signal	-	Standard deviation	Numeric
37	tbodyaccjerkmagmean	jerk magnitude	time domain signal	-	Standard deviation	Numeric
38	tbodyaccjerkmagstd	jerk magnitude	time domain signal	-	Standard deviation	Numeric
39	tbodygyromagmean	gyroscope magnitude	time domain signal	-	Standard deviation	Numeric
40	tbodygyromagstd	gyroscope magnitude	time domain signal	-	Standard deviation	Numeric
41	tbodygyrojerkmagmean	jerk magnitude	time domain signal	-	Mean value	Numeric
42	tbodygyrojerkmagstd	jerk magnitude	time domain signal	-	Standard deviation	Numeric
43	fbodyaccmeanx	body accelerator	frequency domain signal	x	Mean value	Numeric
44	fbodyaccmeany	body accelerator	frequency domain signal	y	Mean value	Numeric
45	fbodyaccmeanz	body accelerator	frequency domain signal	z	Mean value	Numeric
46	fbodyaccstdx	body accelerator	frequency domain signal	x	Standard deviation	Numeric
47	fbodyaccstdy	body accelerator	frequency domain signal	y	Standard deviation	Numeric
48	fbodyaccstdz	gravity accelerator	frequency domain signal	z	Standard deviation	Numeric
49	fbodyaccmeanfreqx	gravity accelerator	frequency domain signal	x	Standard deviation	Numeric

50	fbodyaccmeanfreqy	gravity accelerator	frequency domain signal	y	Standard deviation	Numeric
51	fbodyaccmeanfreqz	gravity accelerator	frequency domain signal	z	Standard deviation	Numeric
52	fbodyaccjerkmeanx	gravity accelerator	frequency domain signal	x	Mean value	Numeric
53	fbodyaccjerkmeany	gravity accelerator	frequency domain signal	y	Mean value	Numeric
54	fbodyaccjerkmeanz	jerk	frequency domain signal	z	Mean value	Numeric
55	fbodyaccjerkstdx	jerk	frequency domain signal	x	Standard deviation	Numeric
56	fbodyaccjerkstdy	jerk	frequency domain signal	y	Standard deviation	Numeric
57	fbodyaccjerkstdz	jerk	frequency domain signal	z	Standard deviation	Numeric
58	fbodyaccjerkmeanfreqx	jerk	frequency domain signal	x	Mean value	Numeric
59	fbodyaccjerkmeanfreqy	jerk	frequency domain signal	y	Mean value	Numeric
60	fbodyaccjerkmeanfreqz	gyroscope	frequency domain signal	z	Mean value	Numeric
61	fbodygyromeanx	gyroscope	frequency domain signal	x	Mean value	Numeric
62	fbodygyromeany	gyroscope	frequency domain signal	y	Mean value	Numeric
63	fbodygyromeanz	gyroscope	frequency domain signal	z	Mean value	Numeric
64	fbodygyrostdx	gyroscope	frequency domain signal	x	Standard deviation	Numeric
65	fbodygyrostdy	gyroscope	frequency domain signal	y	Standard deviation	Numeric
66	fbodygyrostdz	gyroscope/jerk	frequency domain signal	z	Standard deviation	Numeric
67	fbodygyromeanfreqx	gyroscope/jerk	frequency domain signal	x	Mean value	Numeric
68	fbodygyromeanfreqy	gyroscope/jerk	frequency domain signal	y	Mean value	Numeric
69	fbodygyromeanfreqz	gyroscope/jerk	frequency domain signal	z	Mean value	Numeric
70	fbodyaccmagmean	gyroscope/jerk	frequency domain signal	-	Standard deviation	Numeric
71	fbodyaccmagstd	gyroscope/jerk	frequency domain signal	-	Standard deviation	Numeric
72	fbodyaccmagmeanfreq	body accelerator magnitude	frequency domain signal	-	Mean value	Numeric
73	fbodybodyaccjerkmagmean	body accelerator magnitude	frequency domain signal	-	Mean value	Numeric
74	fbodybodyaccjerkmagstd	gravity accelerator magnitude	frequency domain signal	-	Standard deviation	Numeric
75	fbodybodyaccjerkmagmeanfreq	gravity accelerator magnitude	frequency domain signal	-	Mean value	Numeric
76	fbodybodygyromagmean	jerk magnitude	frequency domain signal	-	Mean value	Numeric
77	fbodybodygyromagstd	jerk magnitude	frequency domain signal	-	Standard deviation	Numeric
78	fbodybodygyromagmeanfreq	gyroscope magnitude	frequency domain signal	-	Mean value	Numeric

79	fbodybodygyrojerkmagmean	gyroscope magnitude	frequency domain signal	-	Mean value	Numeric
80	fbodybodygyrojerkmagstd	jerk magnitude	frequency domain signal	-	Standard deviation	Numeric
81	fbodybodygyrojerkmagmeanfreq	jerk magnitude	frequency domain signal	-	Mean value	Numeric