Time Domain

Description	Features	Variable	Count
Central tendency	mean, median, standard deviation	x, y, z	9
Symmetry features	skew, kurtosis	x, y, z	6
Range	maximum, minimum	x, y, z	6
Magnitude derivate values	skew, kurtosis, mean, median, maximum, minimum	$\sqrt{x^2+y^2+z^2}$	6
Cross Correlation	mean	xy, yz, xz	3

Frequency domain features

Description	Frequency Features	Variable	Count
Central tendency	mean, median, standard deviation, weighted mean	x, y, z	12
Range	maximum, minimum	x, y, z	6
FFT derivative value	first 10 bins	x, y, z	30