<EMG features>

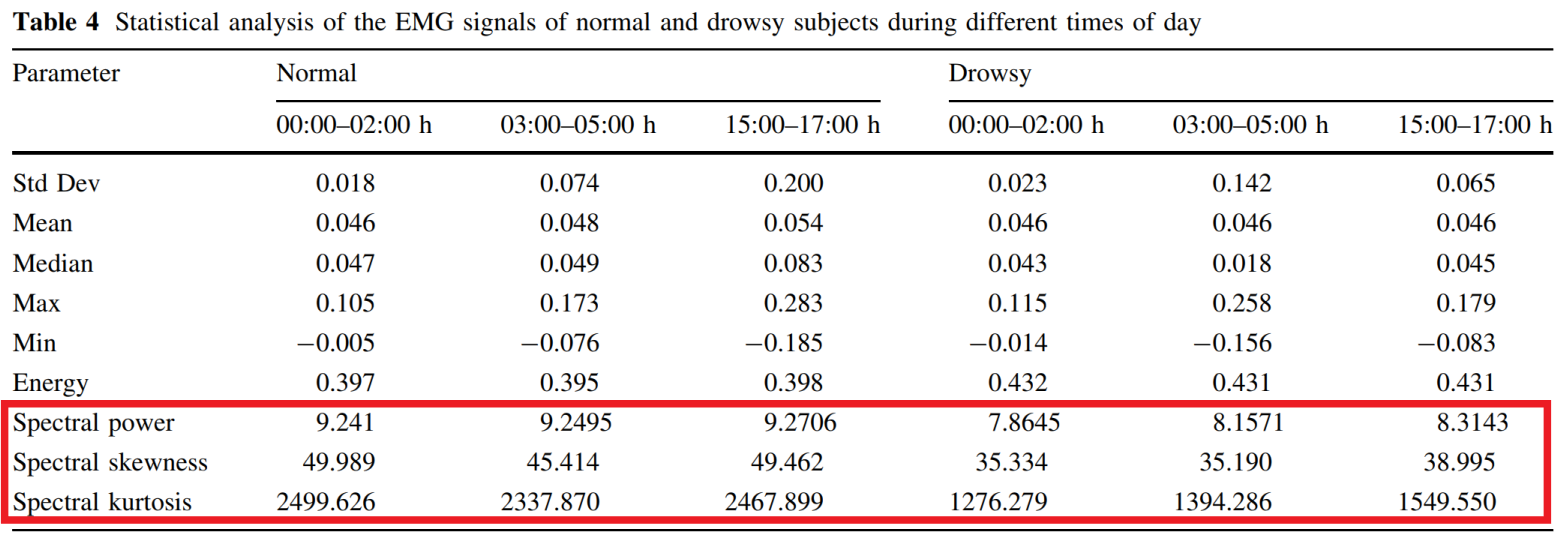
1. Drowsiness detection during different times of day using multiple features [1]  
   - Features:
   1. **Mean values of the spectral power**
   2. **Spectral skewness**
   3. **Spectral kurtosis**

For univariate data ,

,

where is the mean, is the standard deviation, and is the number of data points.

Cf. Standard deviation: Consider the signal, , , where is the length of the signal. Standard Deviation:



1. [2]

[1]: @article{sahayadhas2013drowsiness,  
 title={Drowsiness detection during different times of day using multiple features},  
 author={Sahayadhas, Arun and Sundaraj, Kenneth and Murugappan, Murugappan},  
 journal={Australasian physical \& engineering sciences in medicine},  
 volume={36},  
 number={2},  
 pages={243--250},  
 year={2013},  
 publisher={Springer}  
}

[2]: