



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

RESULTS OF THE PROJECT OF AGEING AND REHABILITATION ENGINEERING

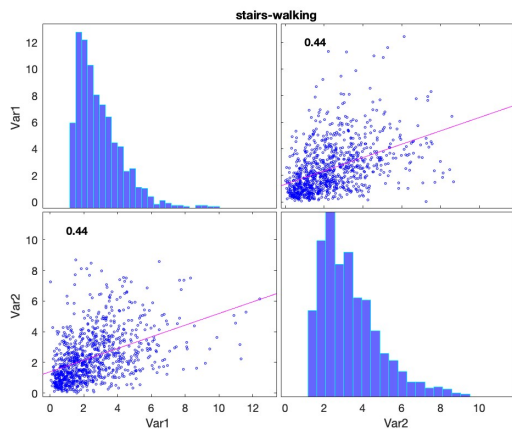
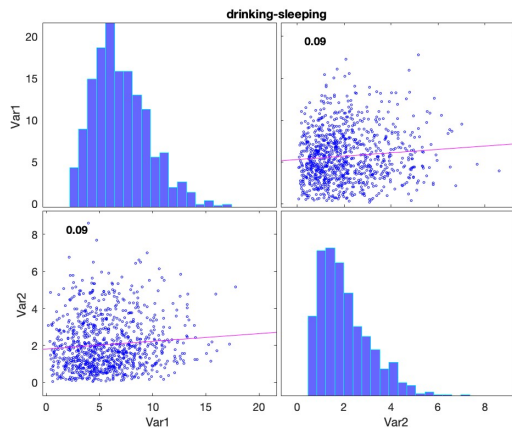
RESULTS OF THE PATIENT

Author: Berci Cristina, Cozzolino Massimo, Di Flumeri Giorgia, Ferraro Matteo, Gabriele Matteo, Nanni Alex, Paolucci Daniele, Pistillo Federica

Tutor: Sicbaldi Marcello

Capitolo 1. Correlation Coefficient of ECG signal

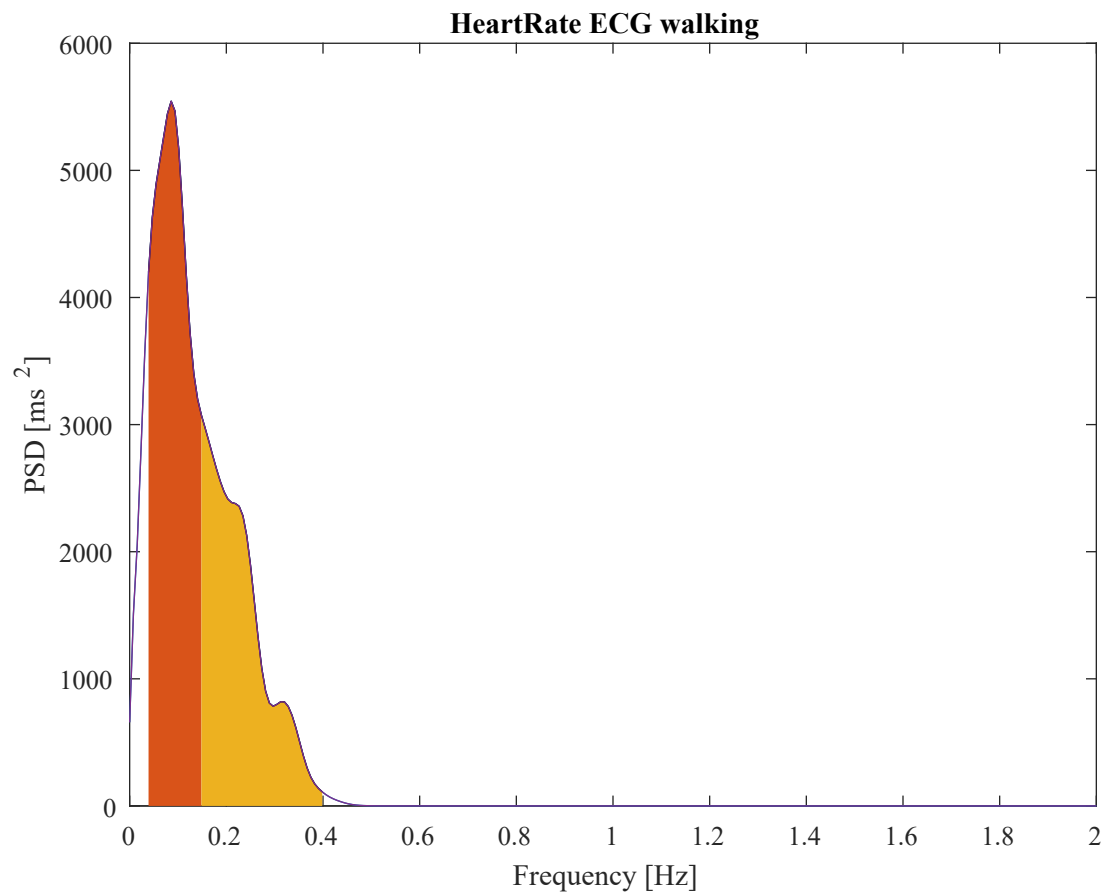
Results of the patient

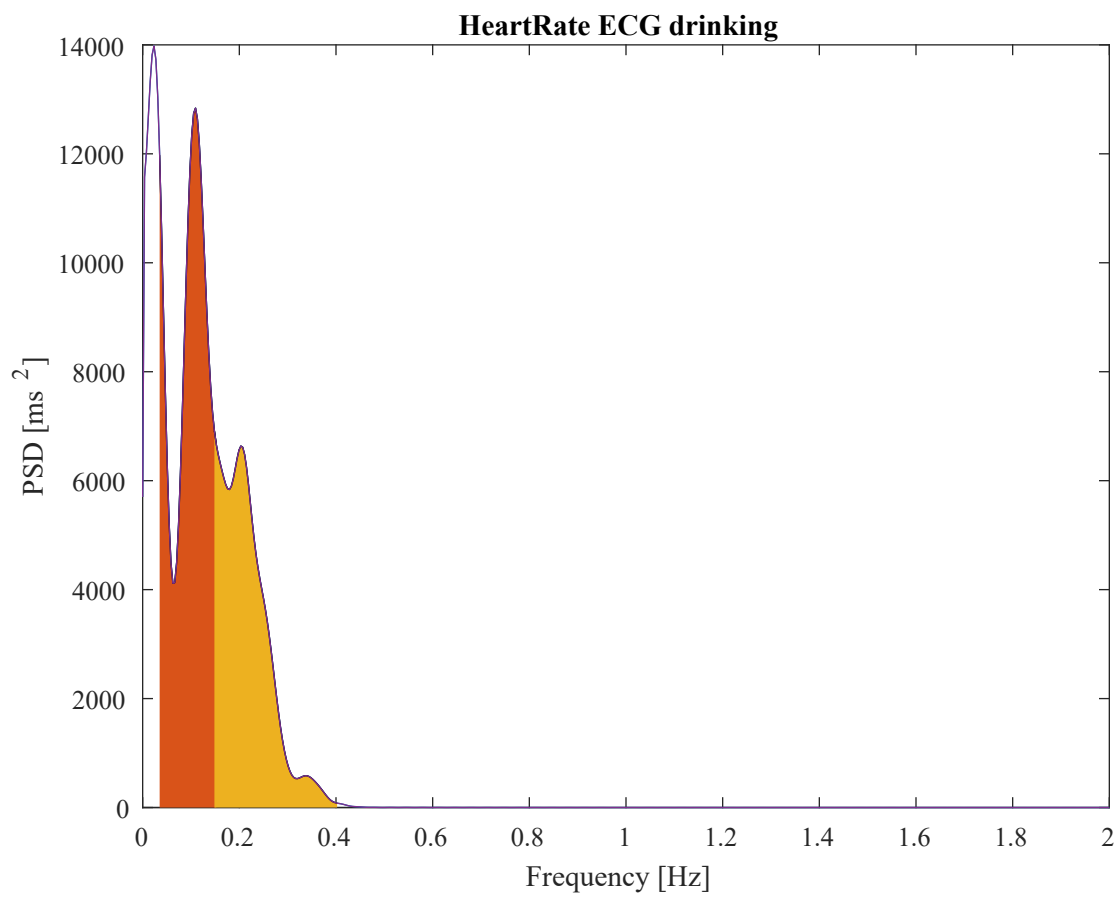


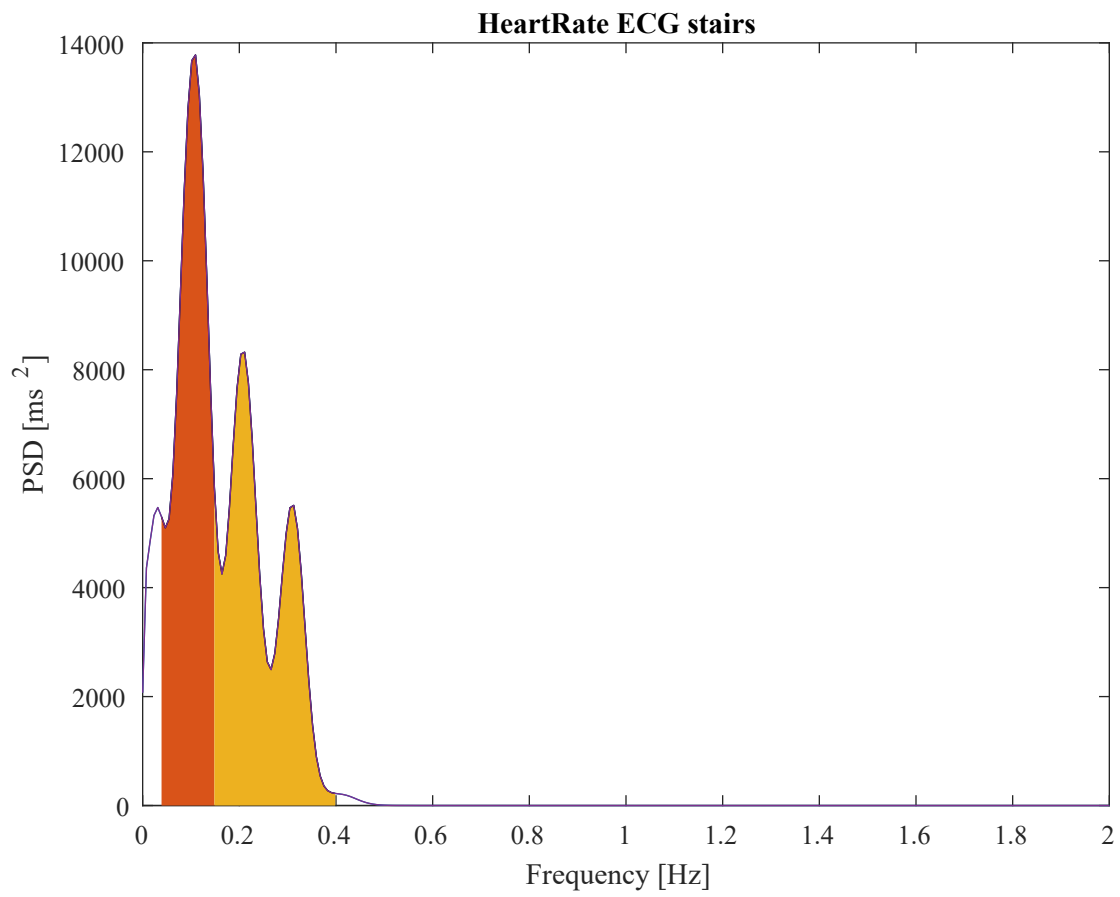
Capitolo 2. ECG

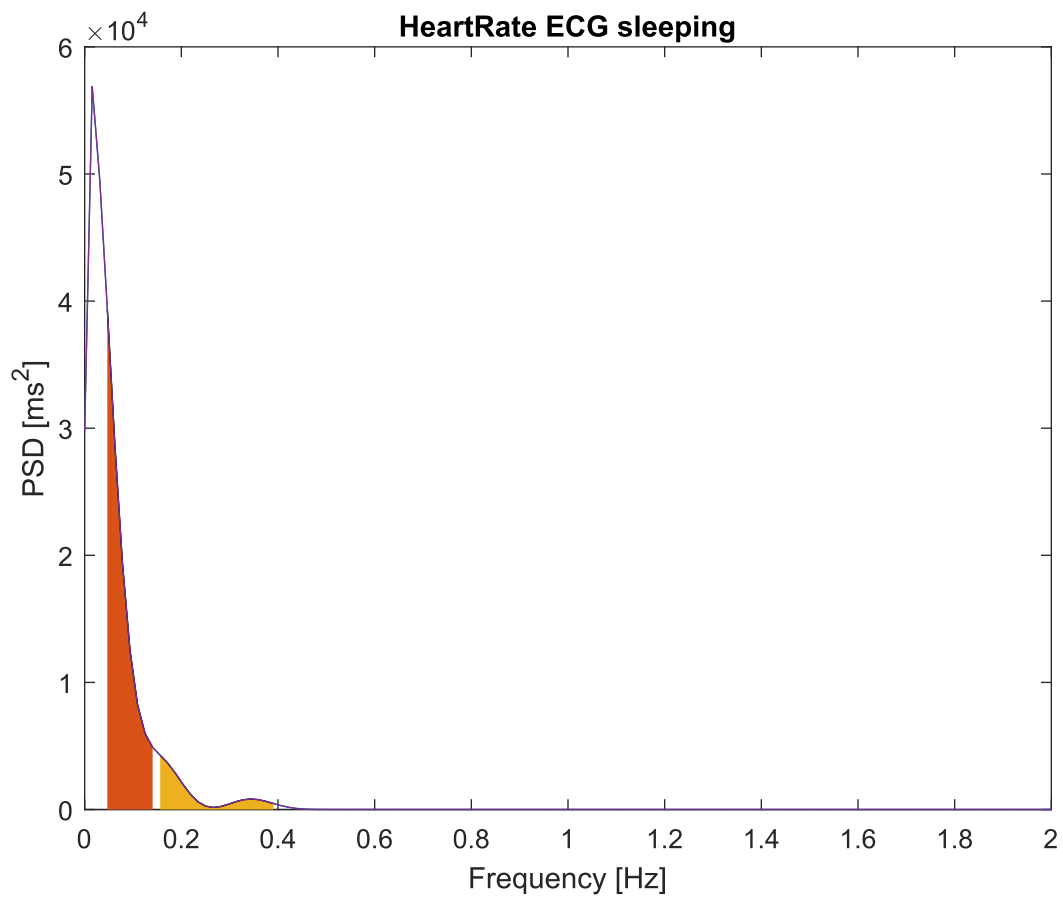
2.1. study of ECG

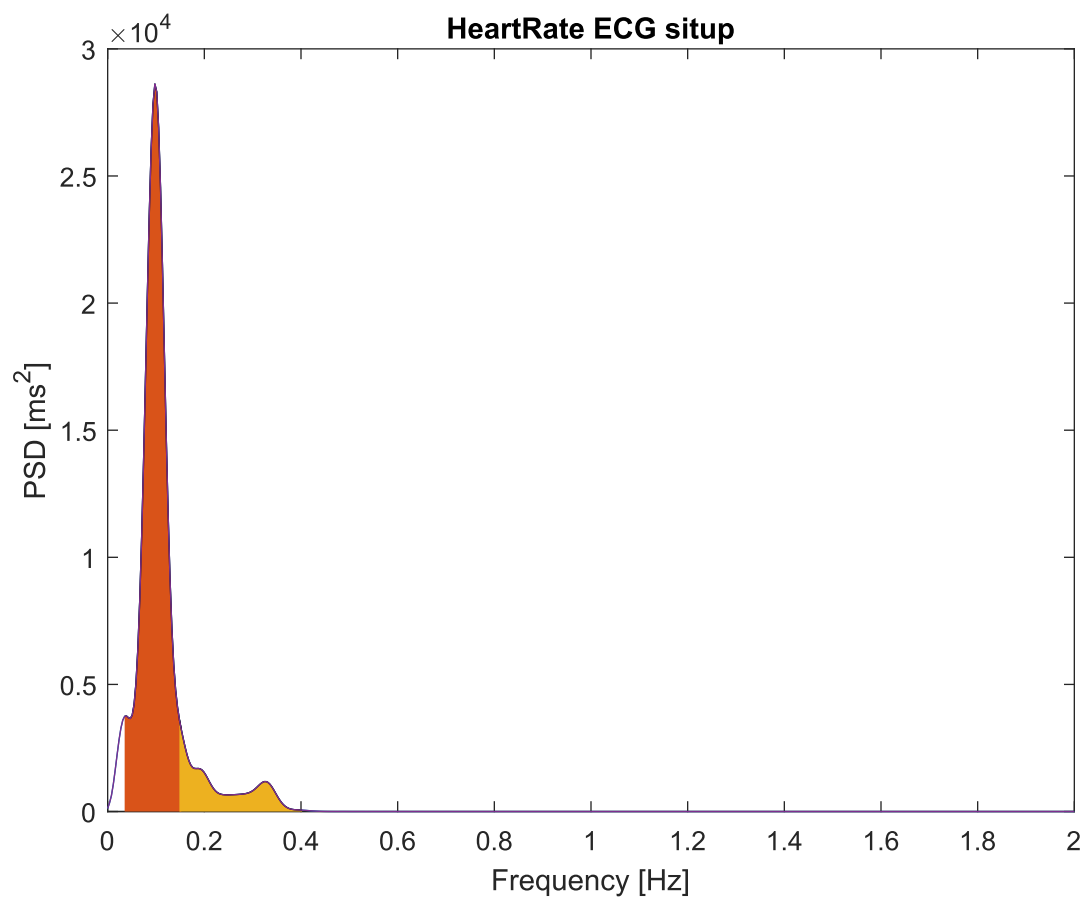
ECG Heartrate







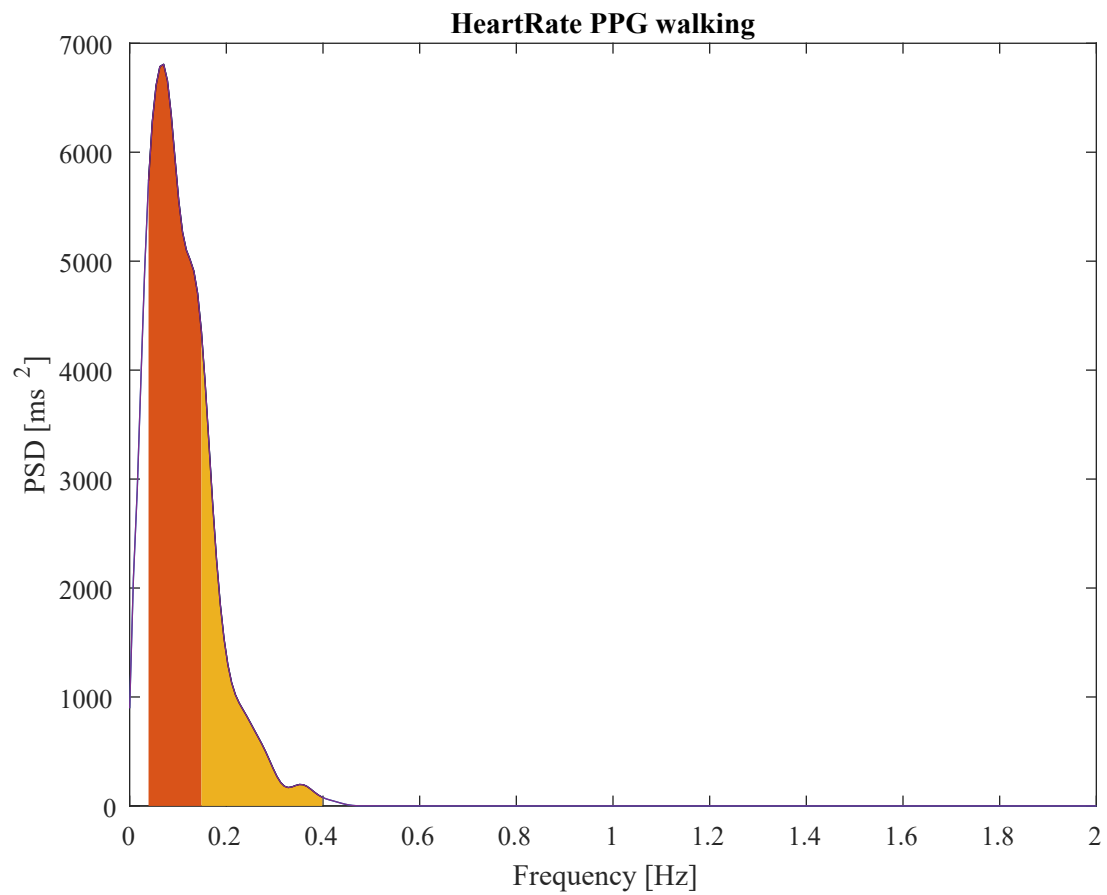


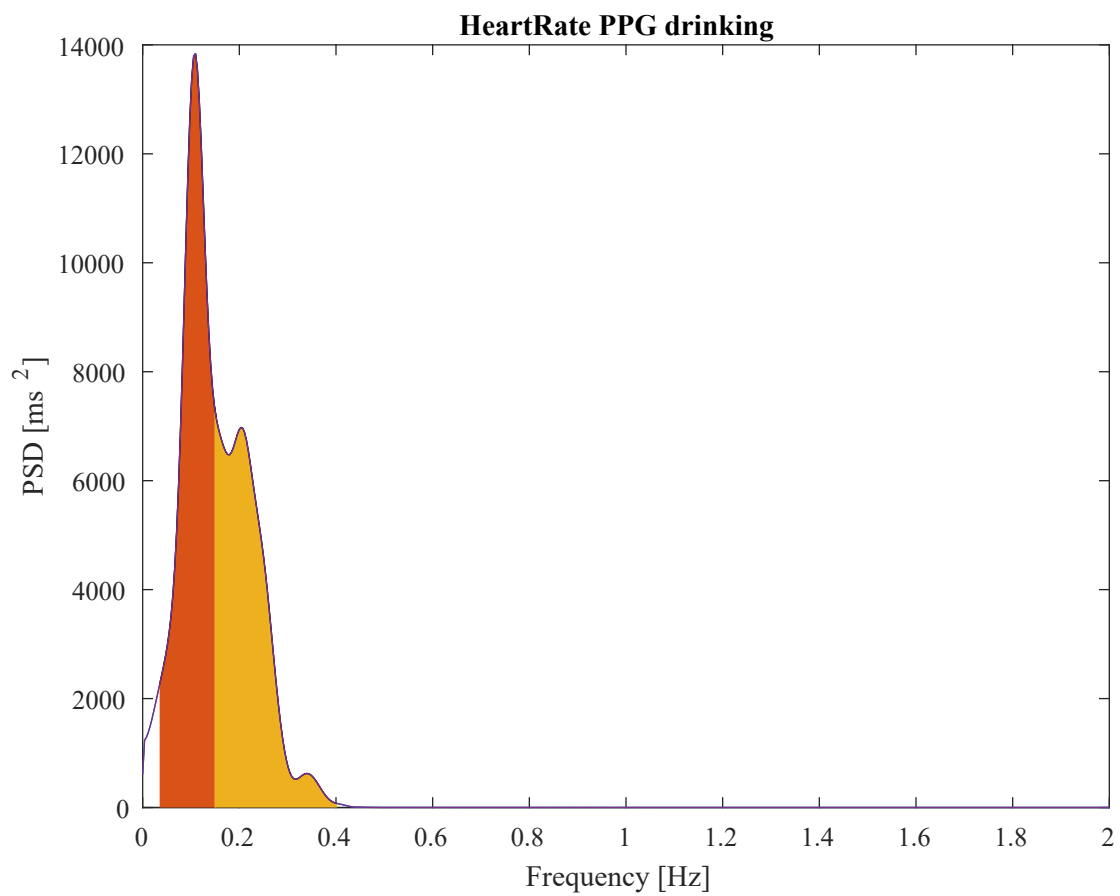


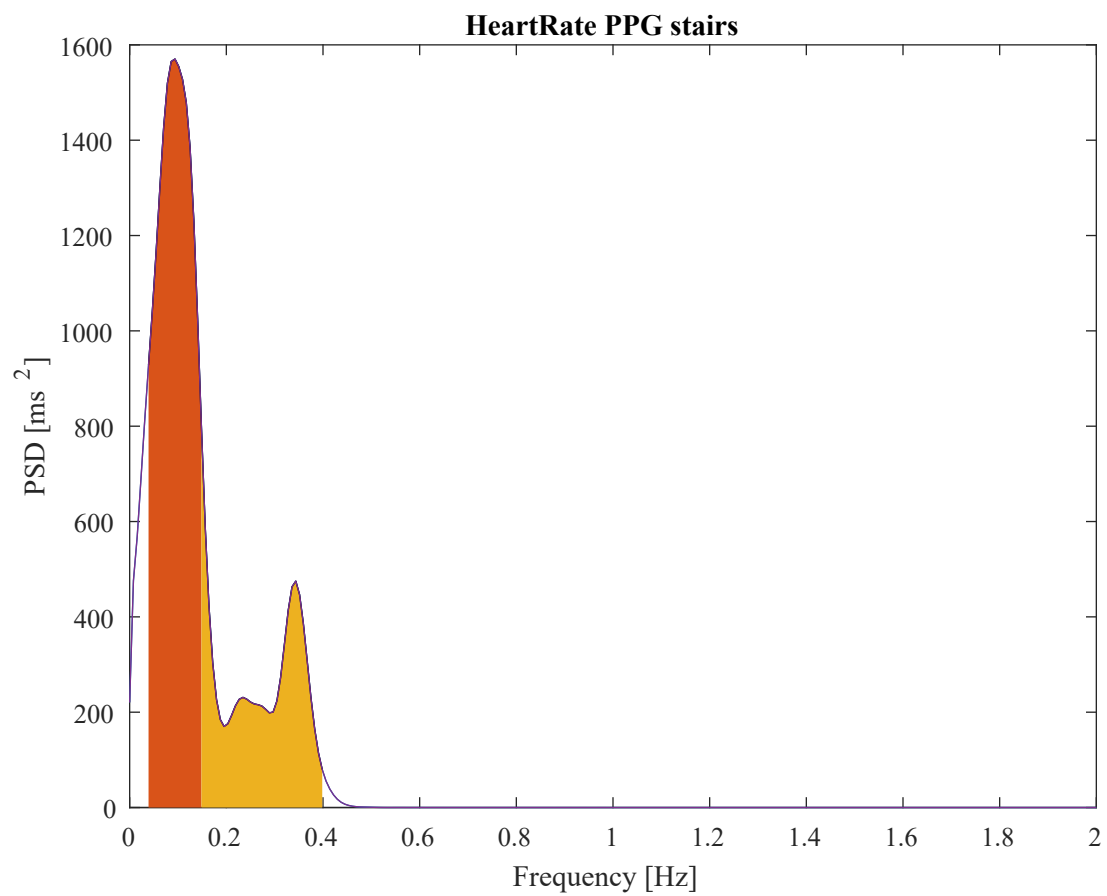
Capitolo 3. PPG

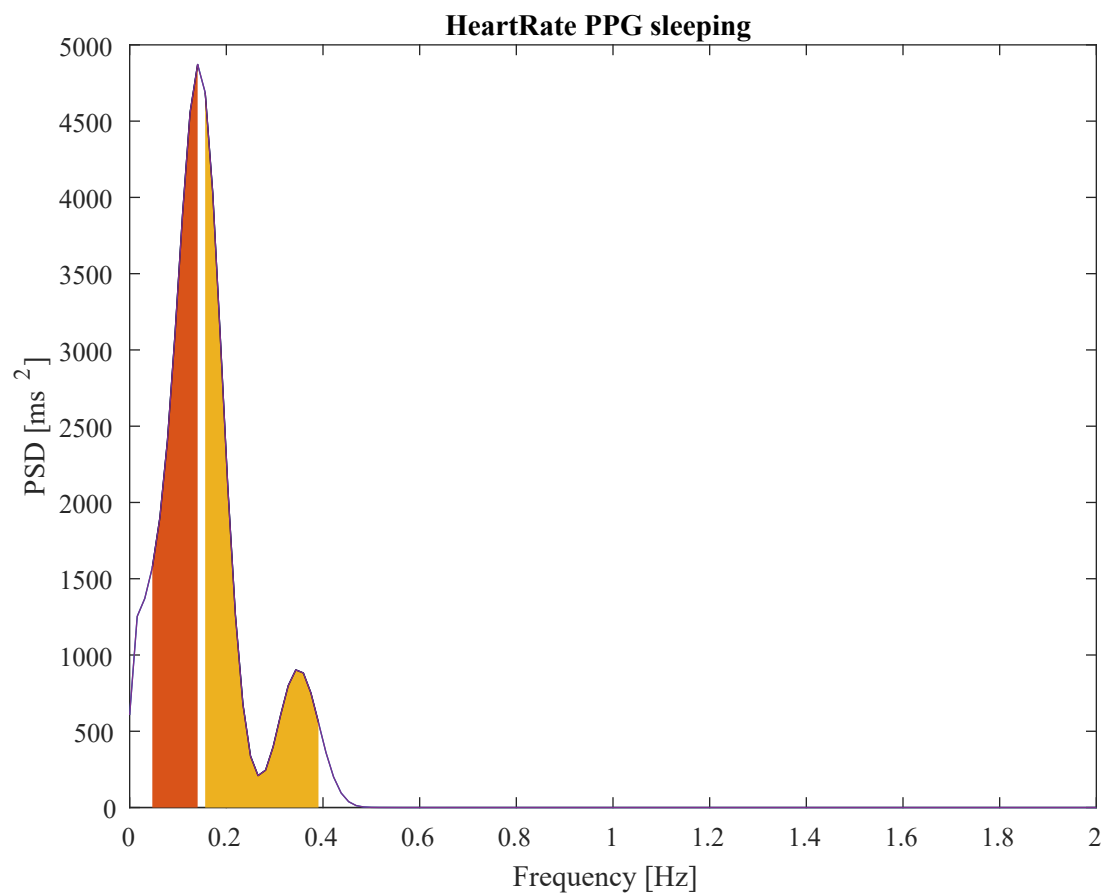
3.1. study of PPG

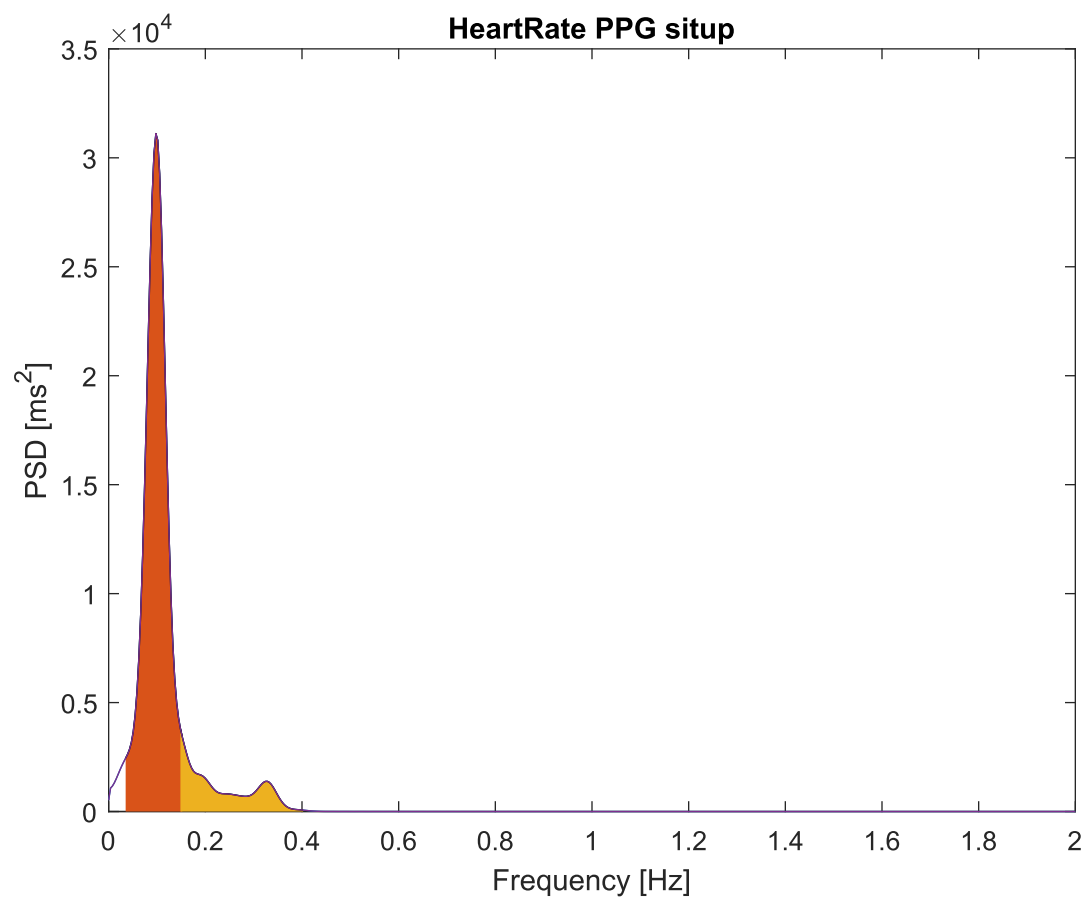
PPG Heartrate





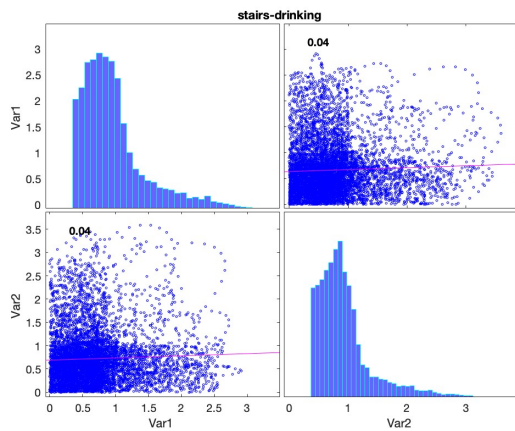
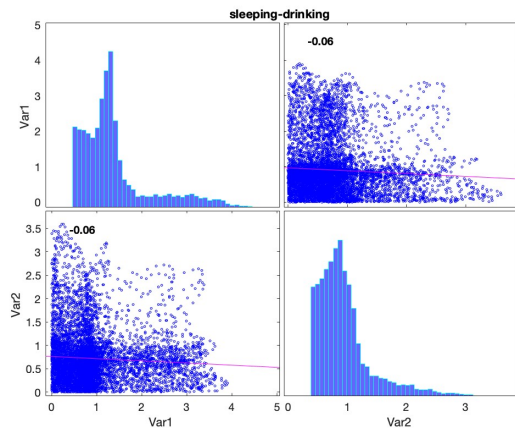






Capitolo 4. Correlation Coefficient of PPG signal

Correlation



Capitolo 5. Frequency Analysis of ECG and PPG signal

5.1. Frequency Analysis of PPG

PPG Signal of various task with it's respective Scalogram of frequency

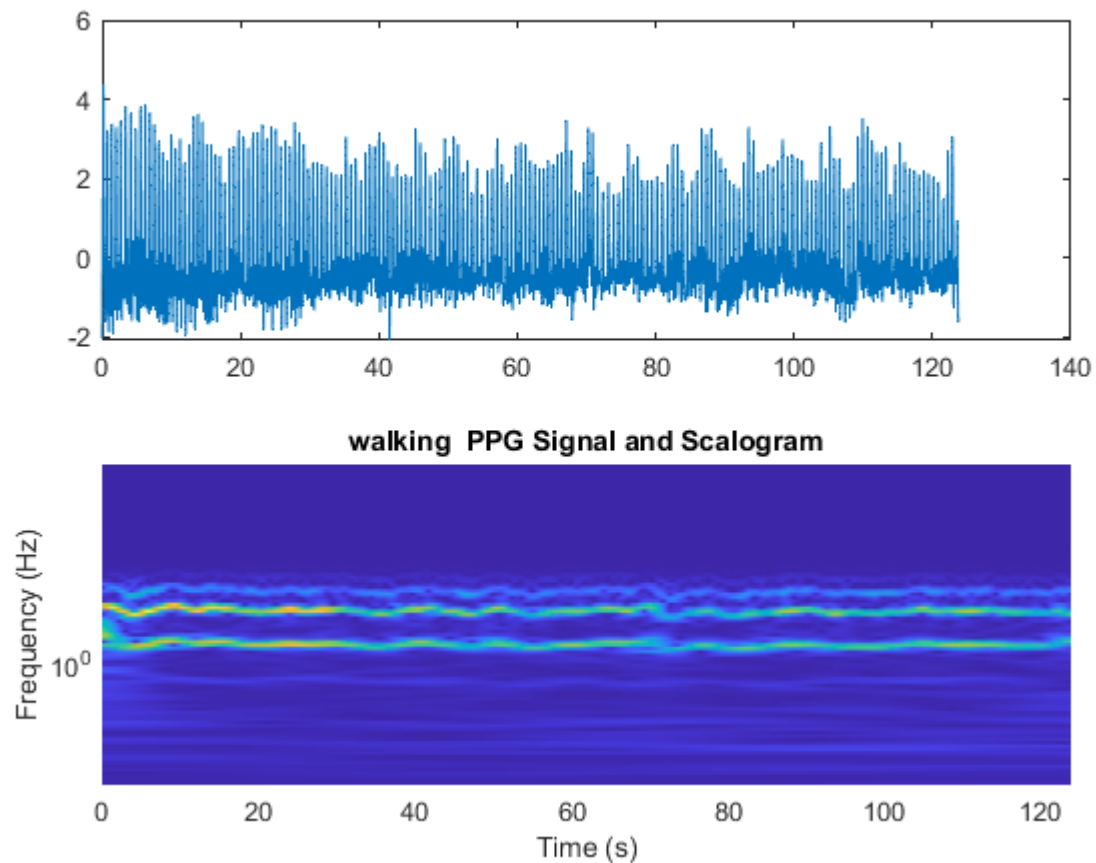


Figura 5.1.

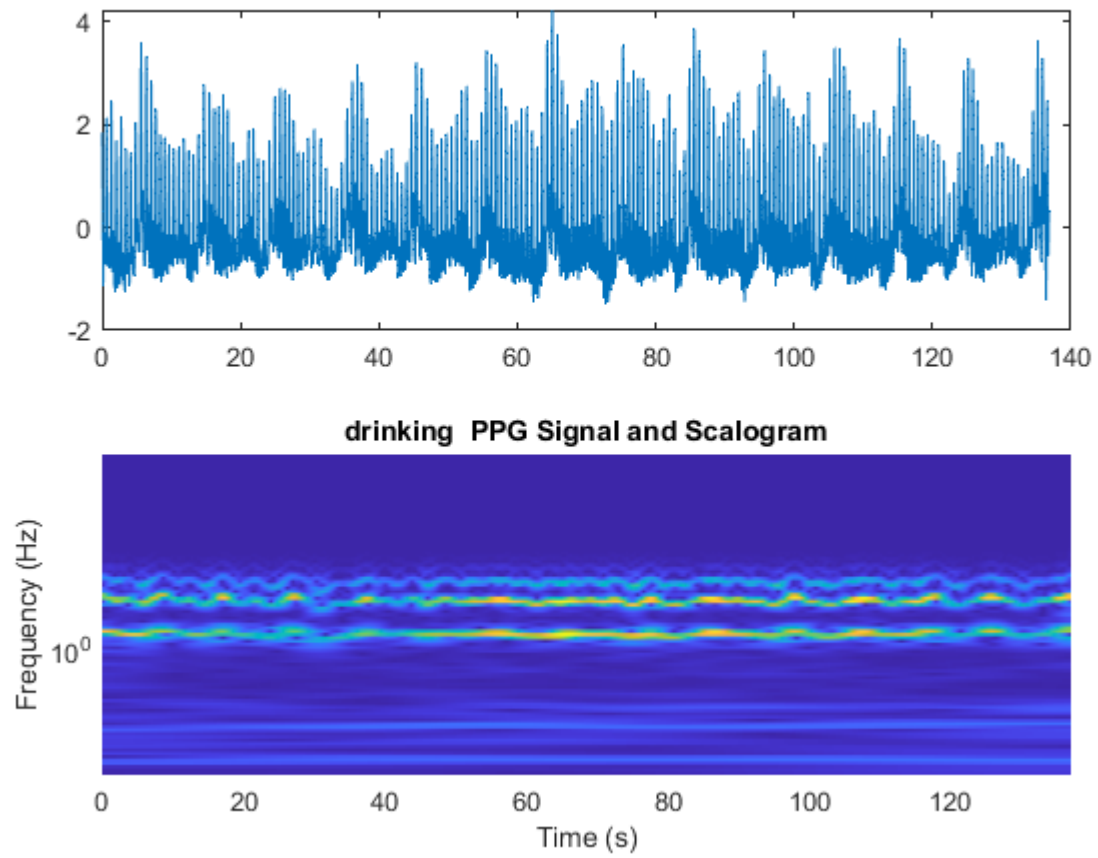


Figura 5.2.

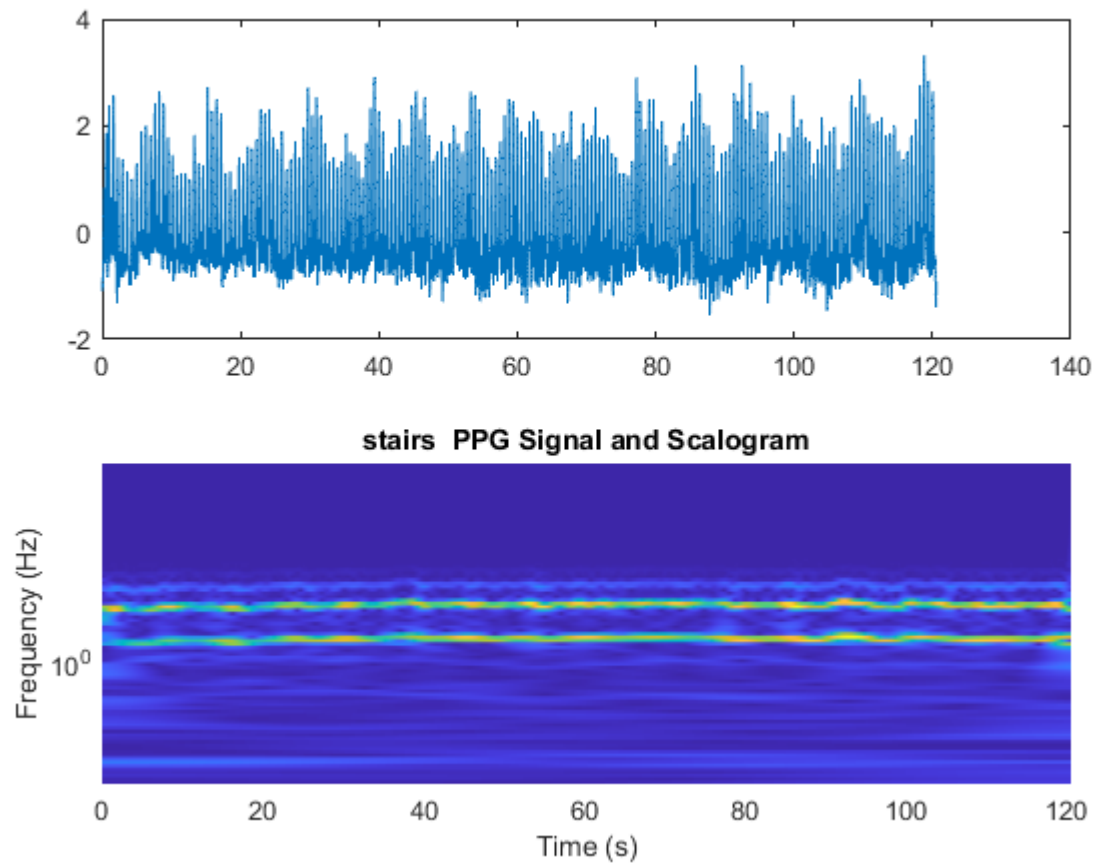


Figura 5.3.

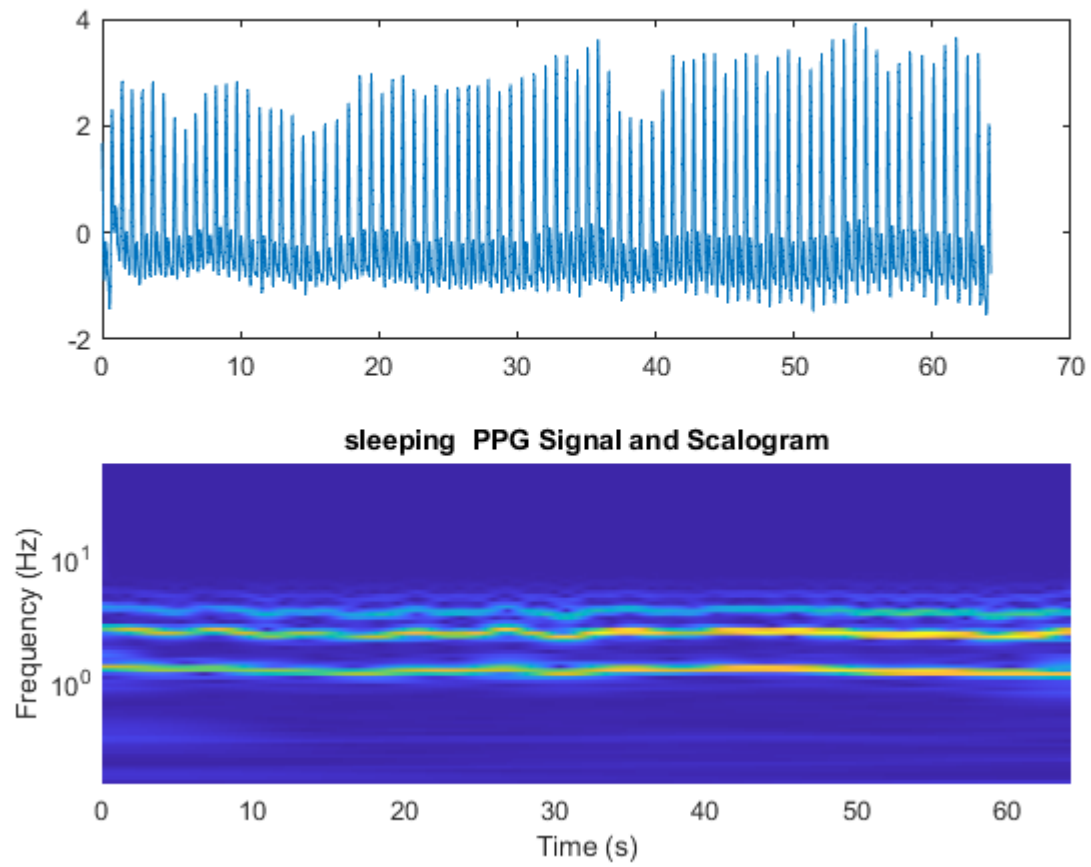


Figura 5.4.

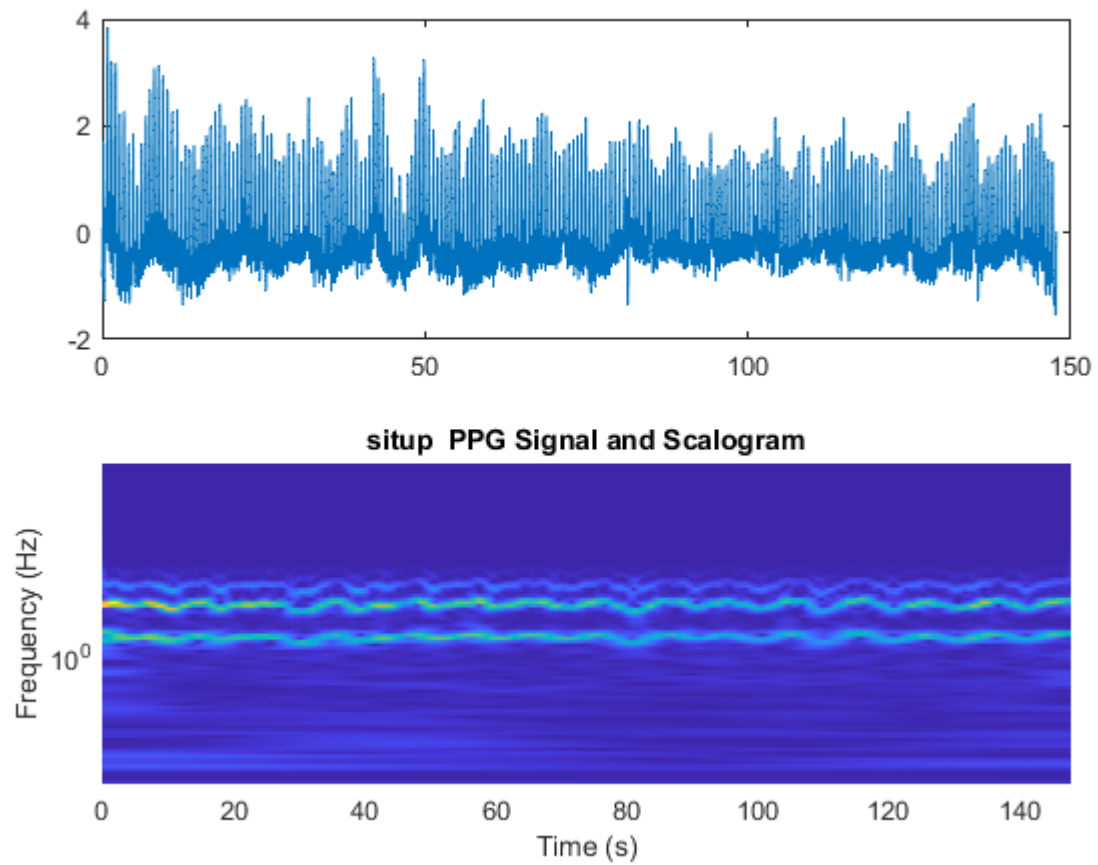


Figura 5.5.

5.2. Frequency Analysis of ECG

ECG Signal of various task with it's respective Scalogram of frequency

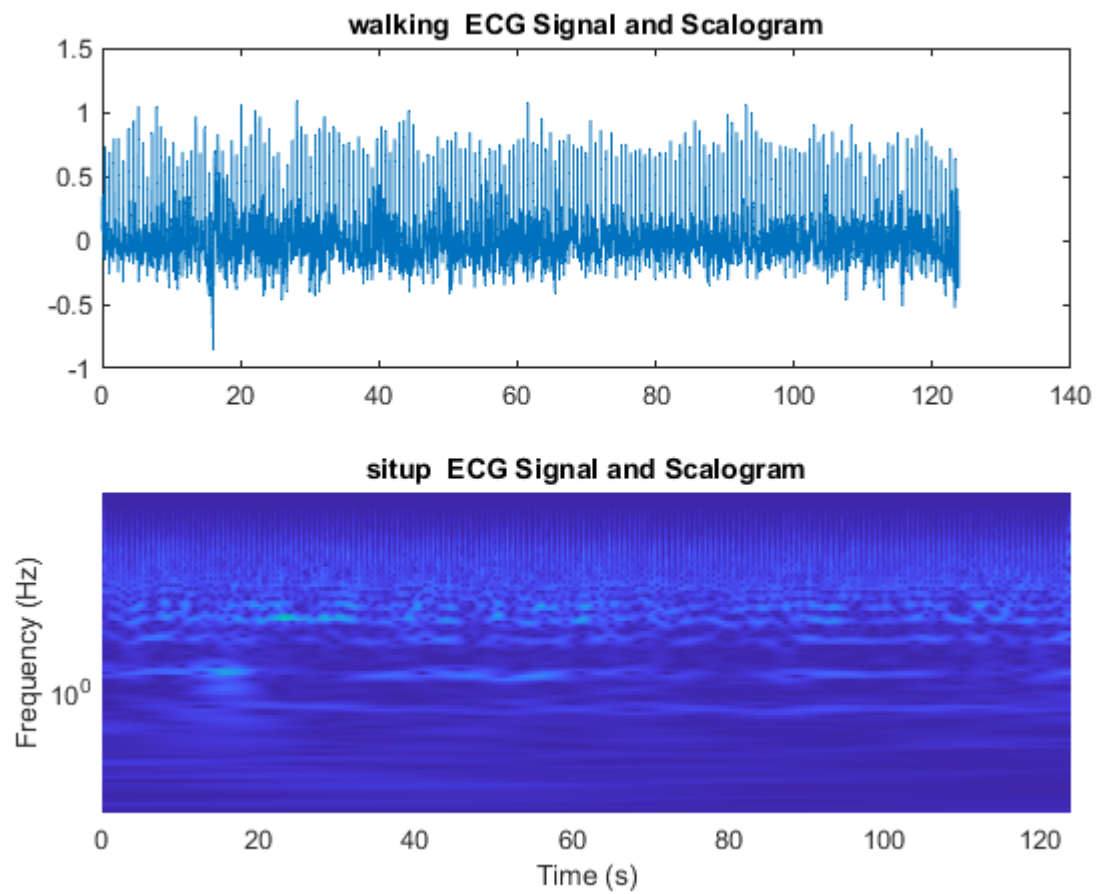


Figura 5.6.

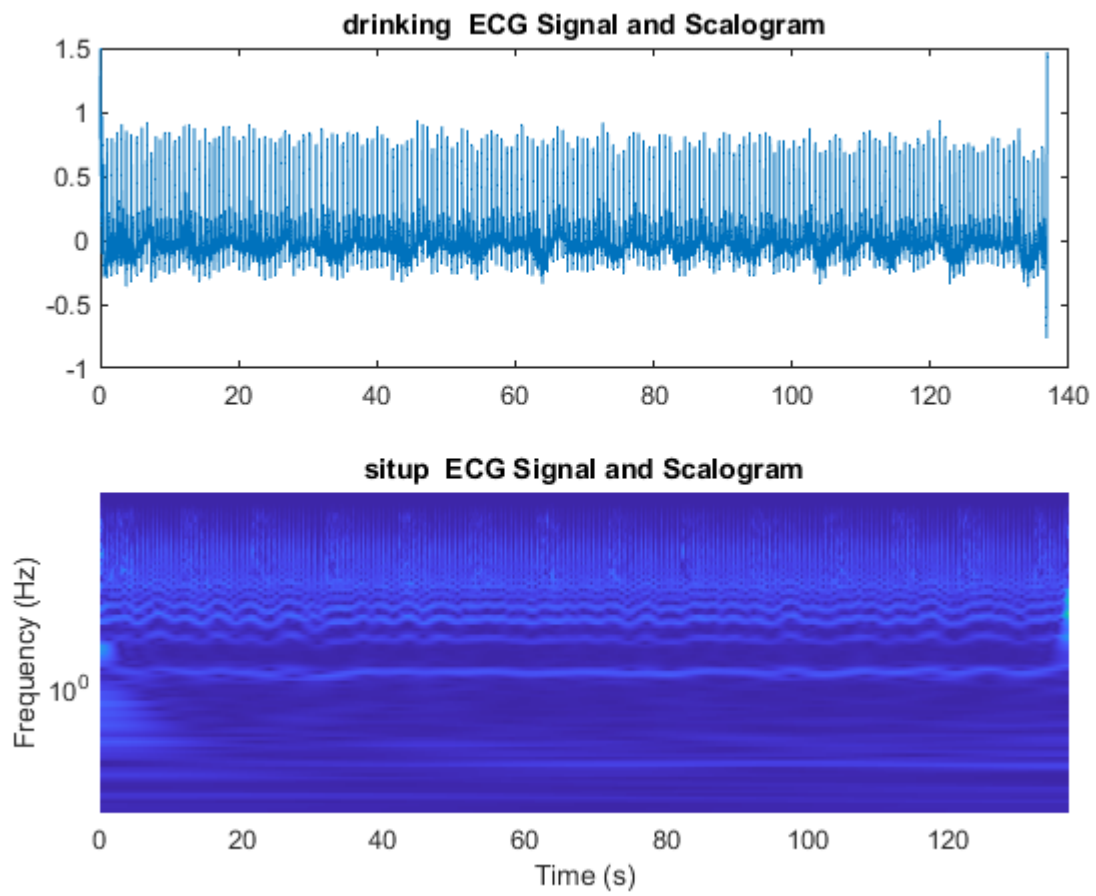


Figura 5.7.

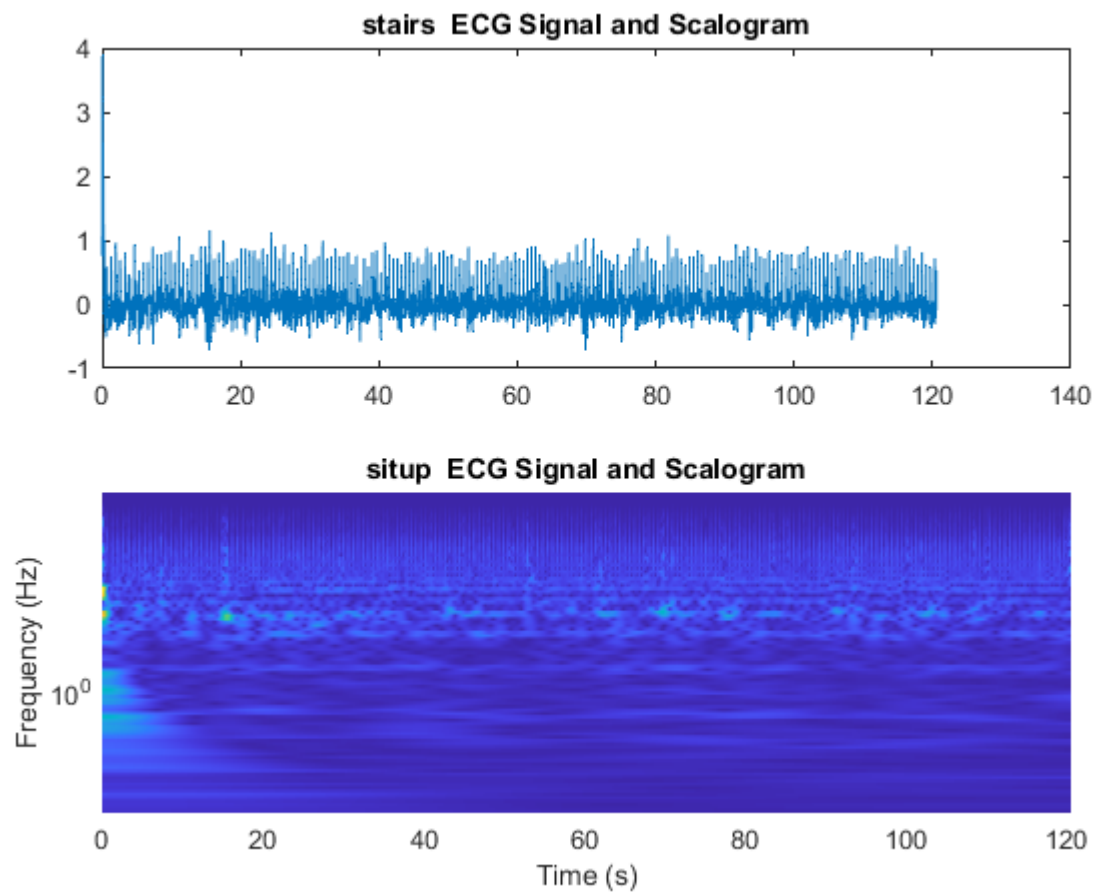


Figura 5.8.

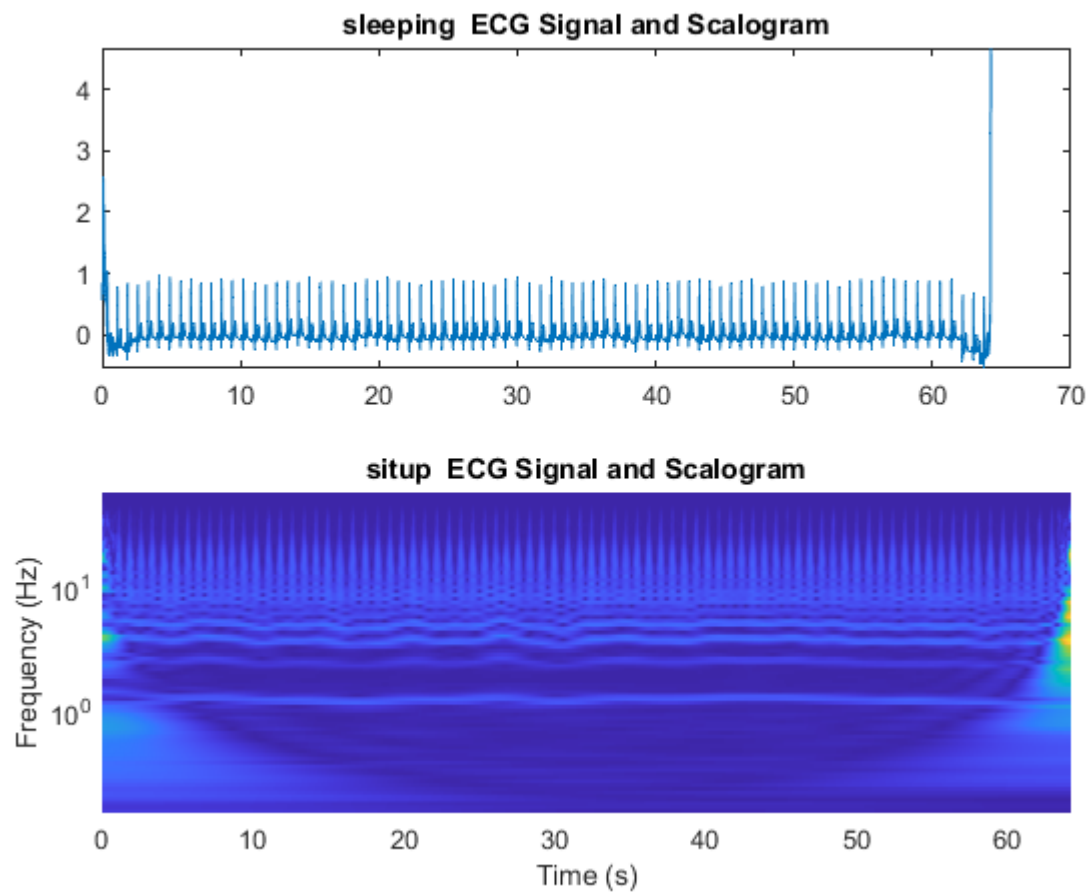


Figura 5.9.

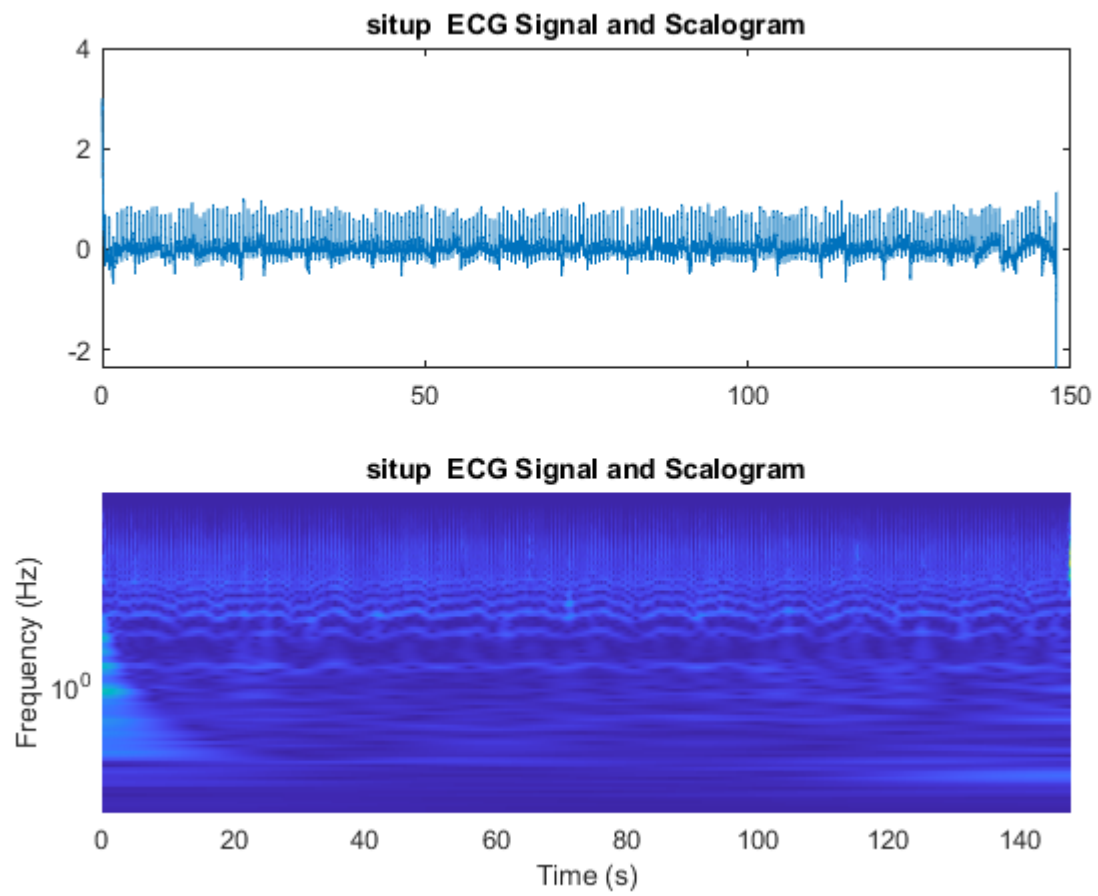
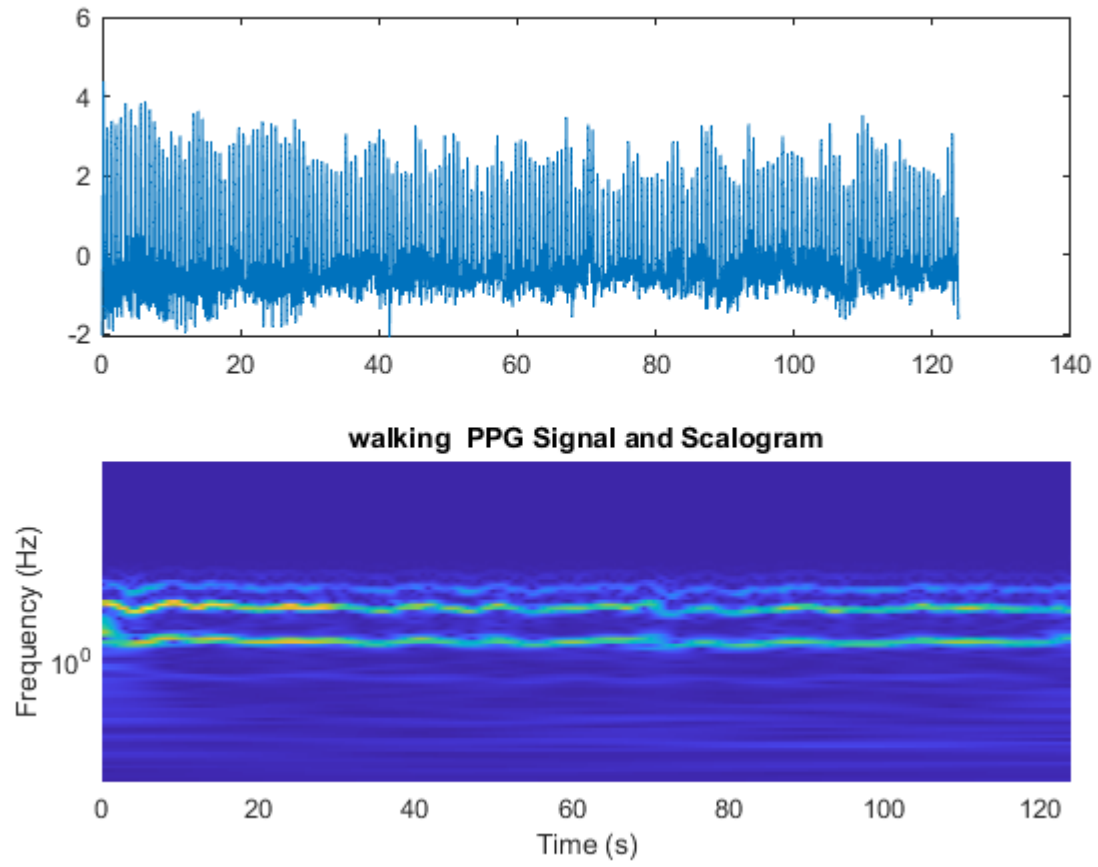
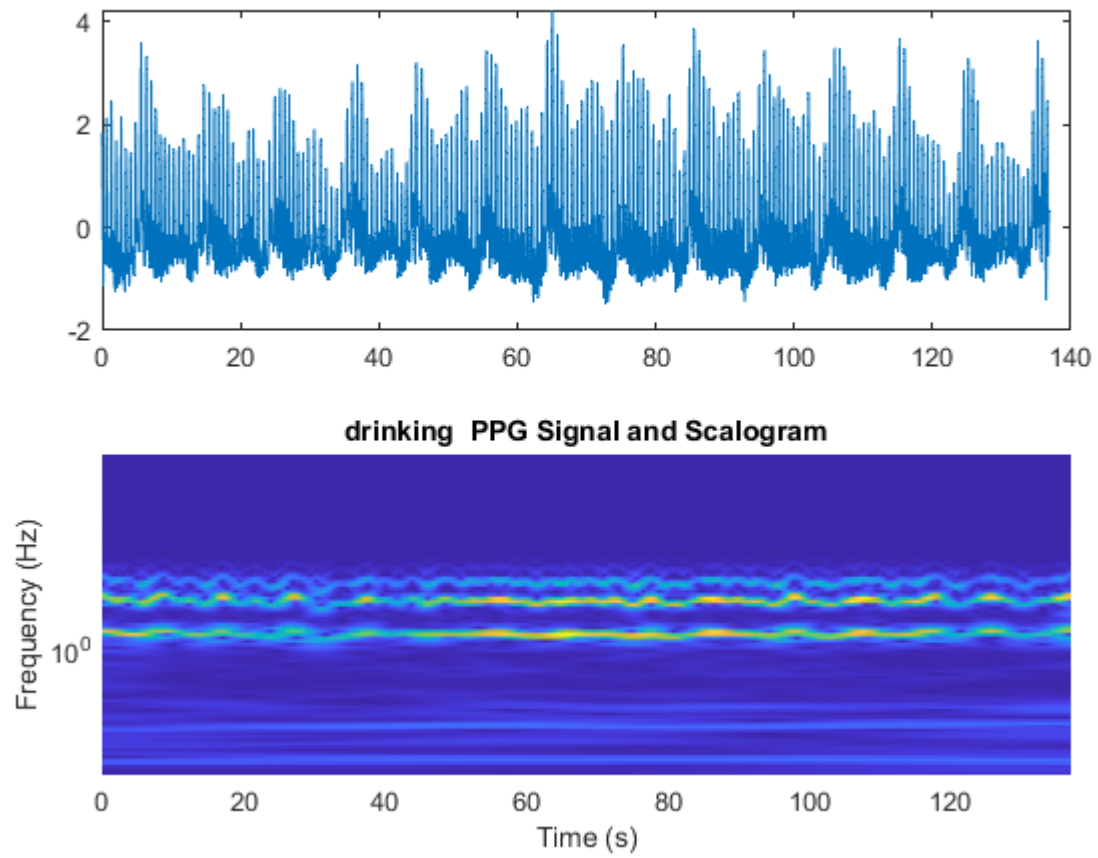
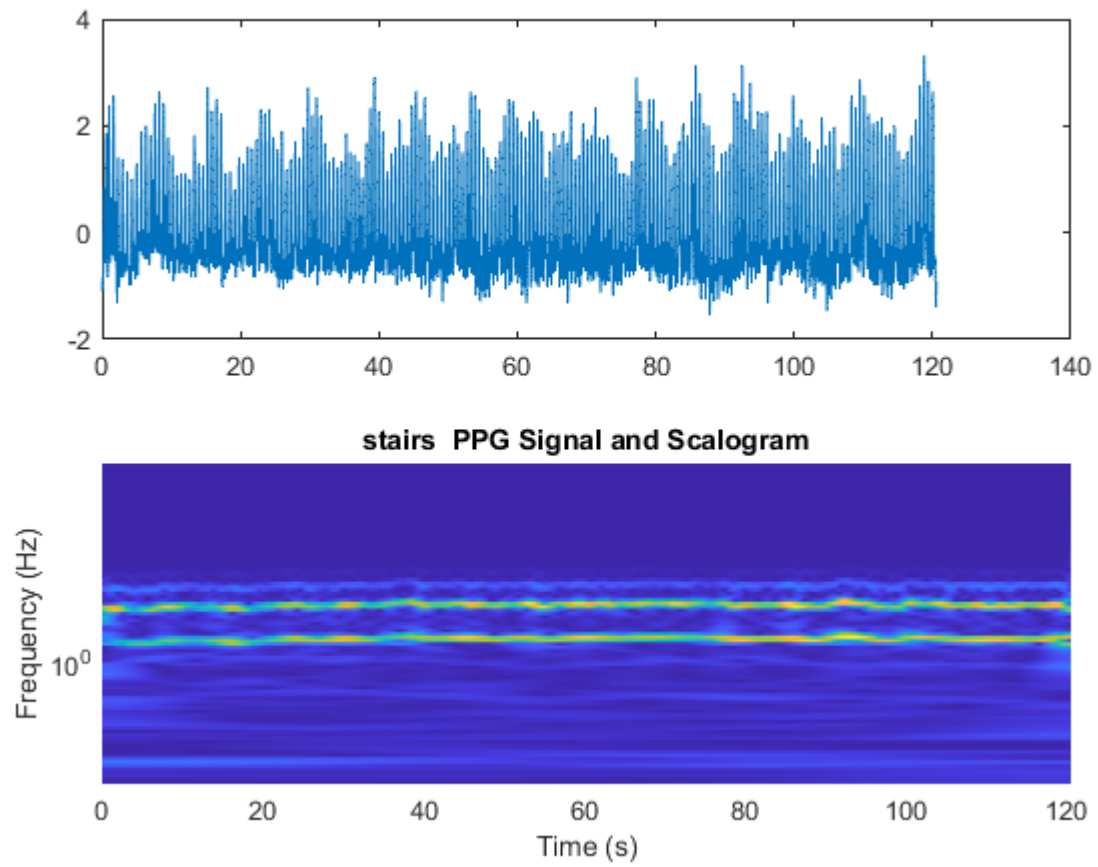


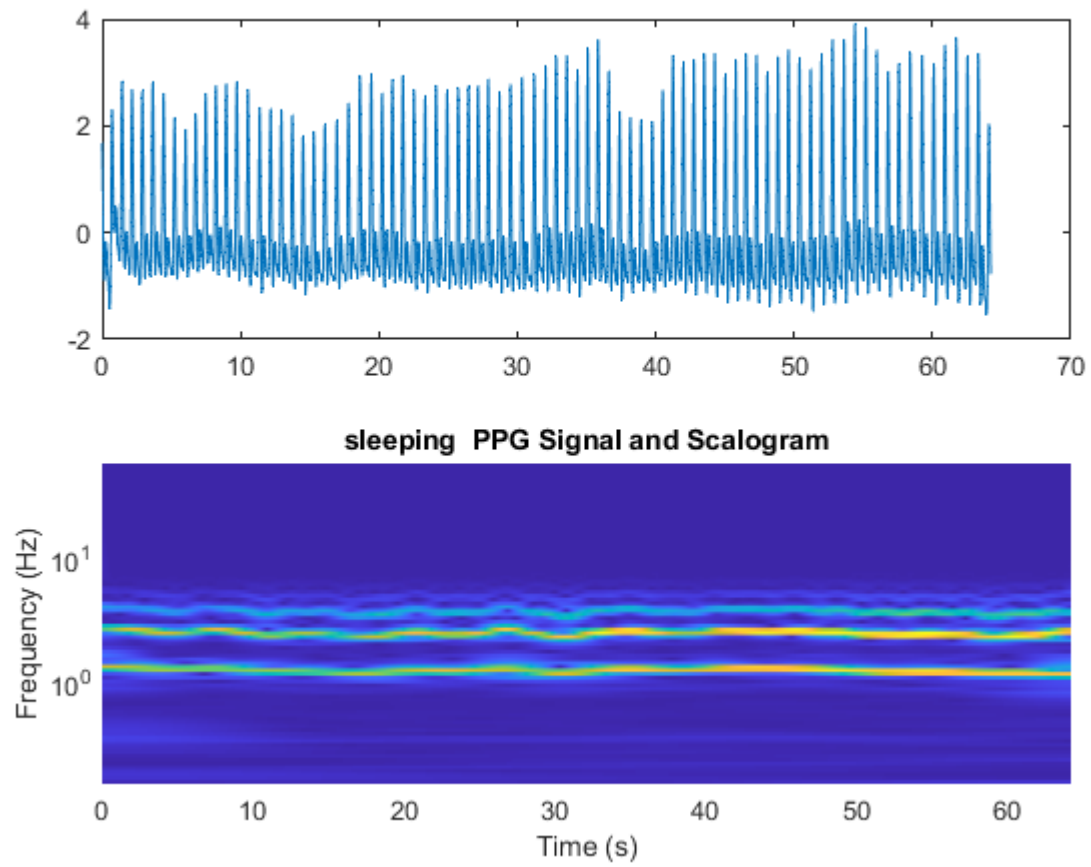
Figura 5.10.

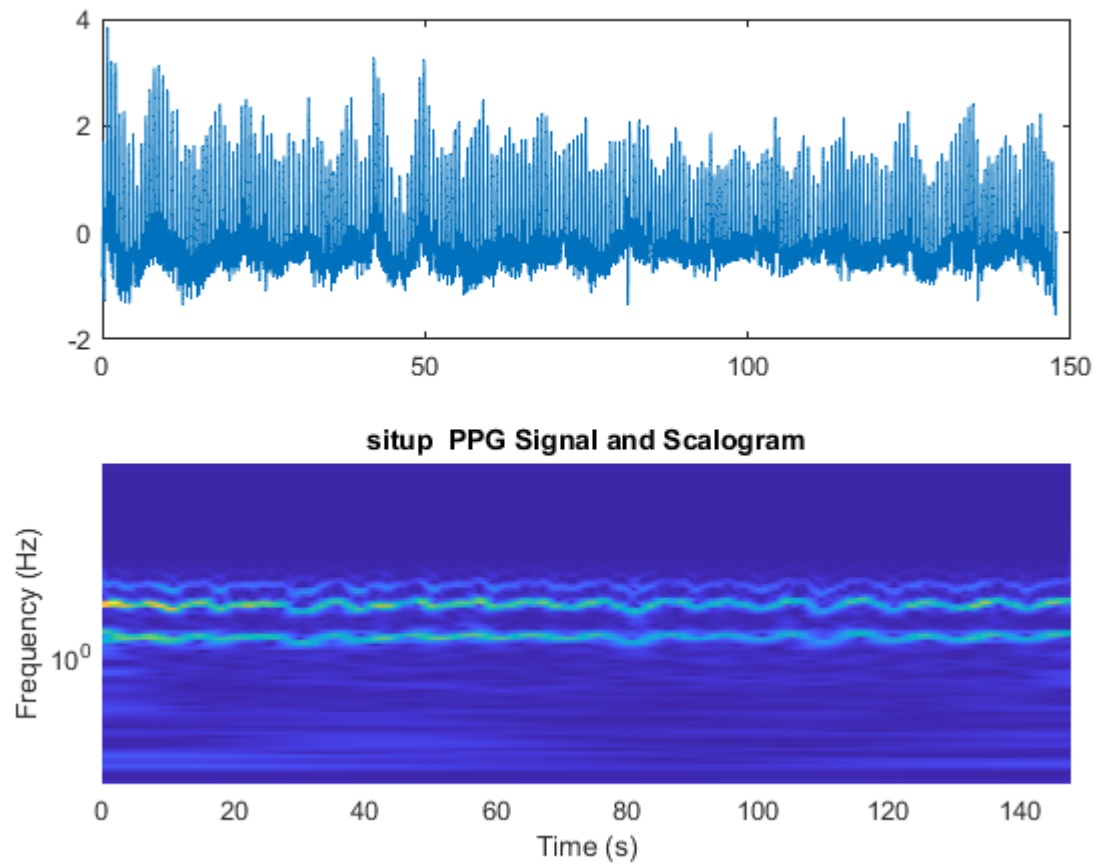
5.3. FREQ_ANA_SCAL











5.4. FREQ_ANA_SCAL

