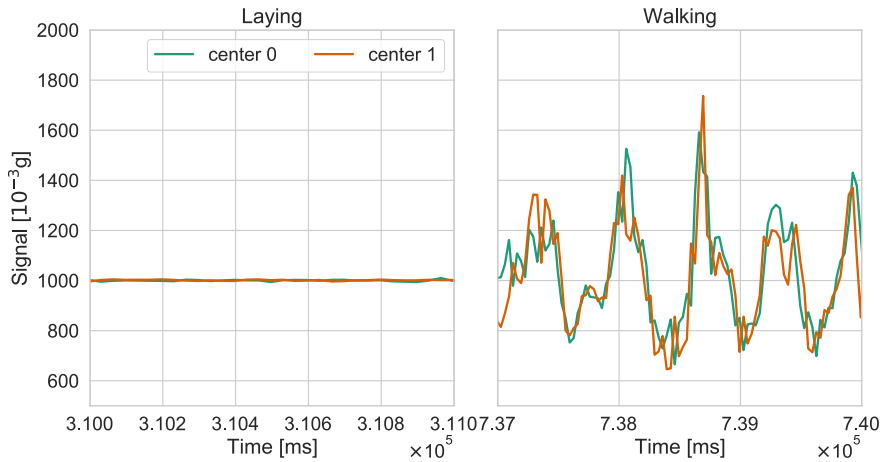
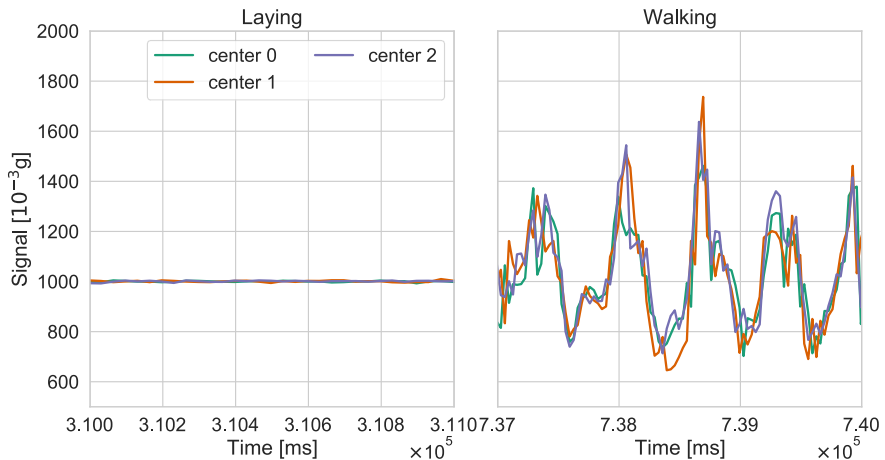


(a) Signal obtained with KMeans fixing 1 center.



(b) Signal obtained with KMeans fixing 2 centers.



(c) Signal obtained with KMeans fixing 3 centers.

**Figure 5:** Signals of the centers obtained applying KMeans on IMU accelerometers for different numbers of clusters. Plots obtained for subject 1, run 1