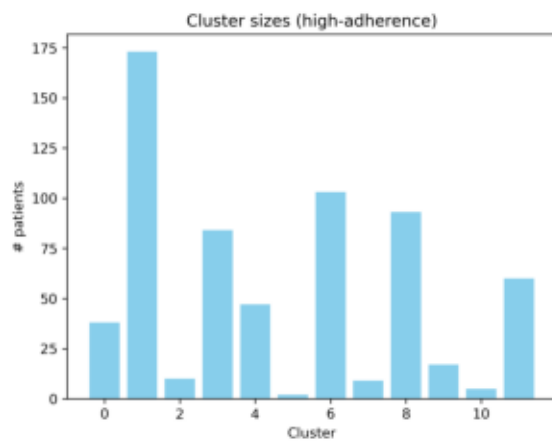
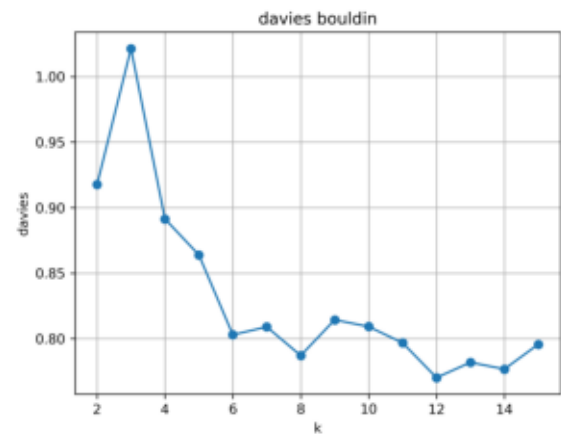
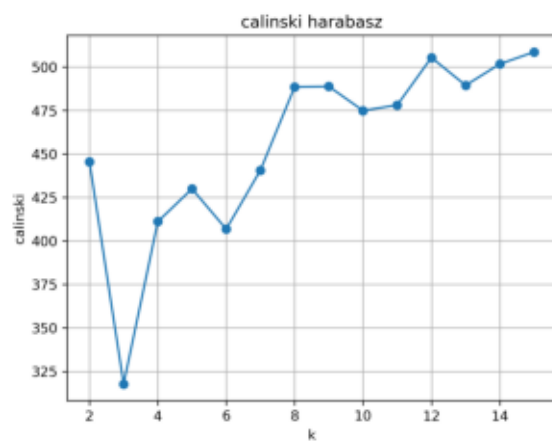
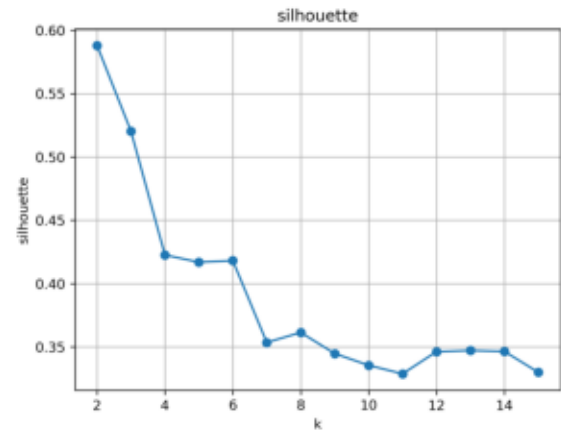
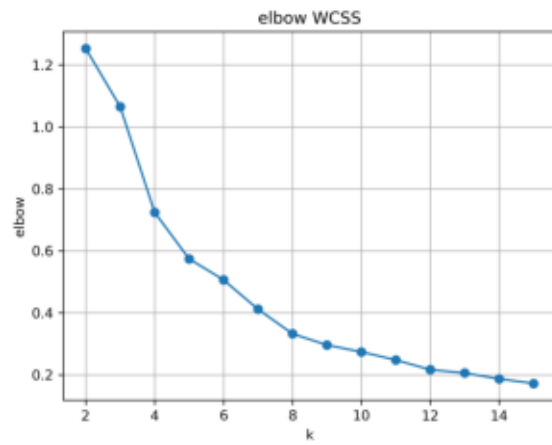


# HMM clustering - metrics

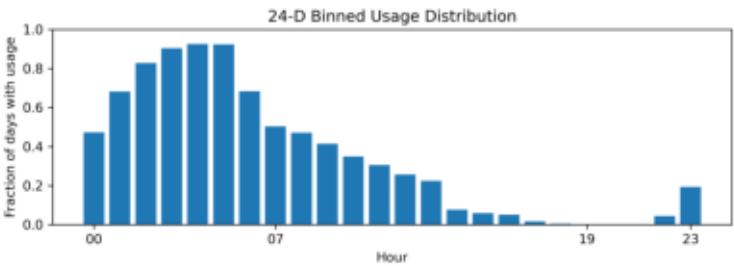


Cluster 0: 3 nearest to centroid

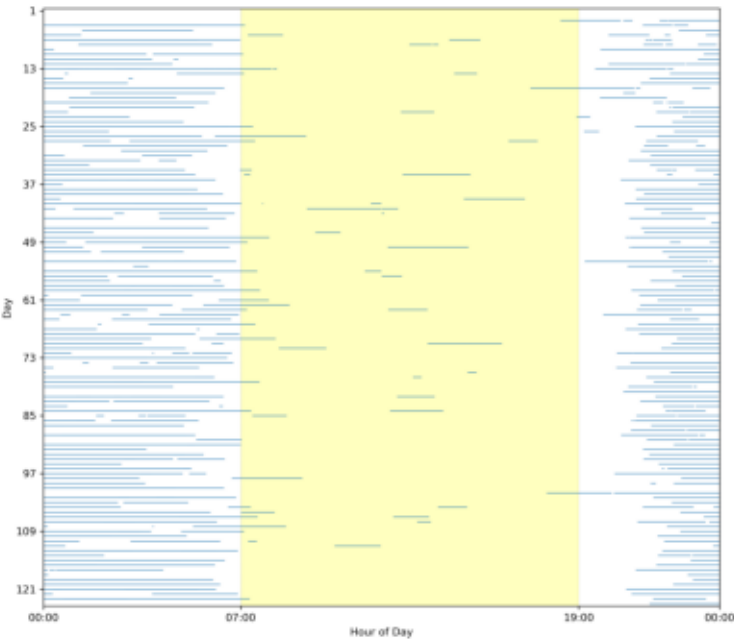
Patients\_1241\_1260\_sheet1245 - actogram



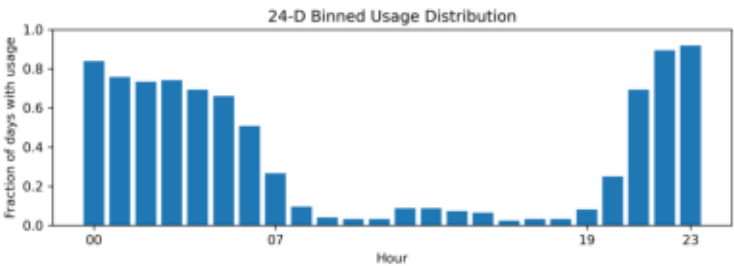
24-D distribution



Patients\_481\_500\_sheet500 - actogram



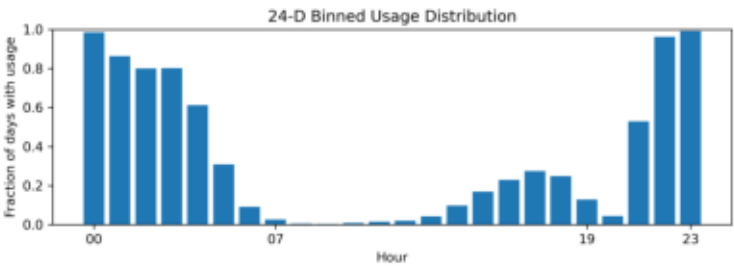
24-D distribution



Patients\_901\_920\_sheet915 - actogram



24-D distribution

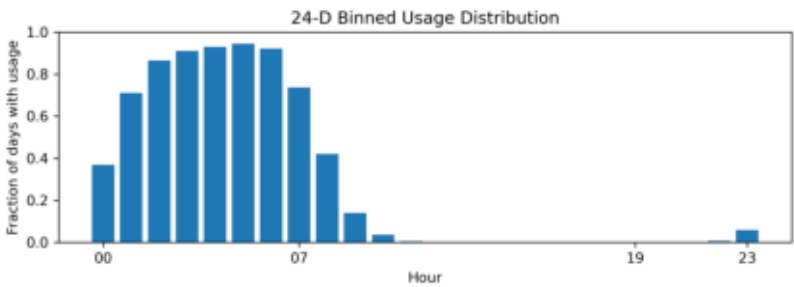


Cluster 1: 3 nearest to centroid

Patients\_281\_300\_sheet295 - actogram



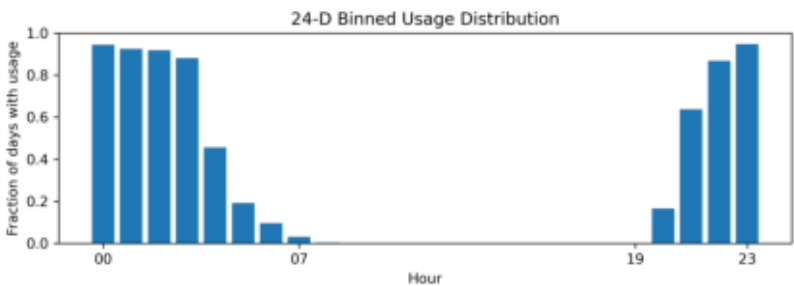
24-D distribution



Patients\_521\_540\_sheet533 - actogram



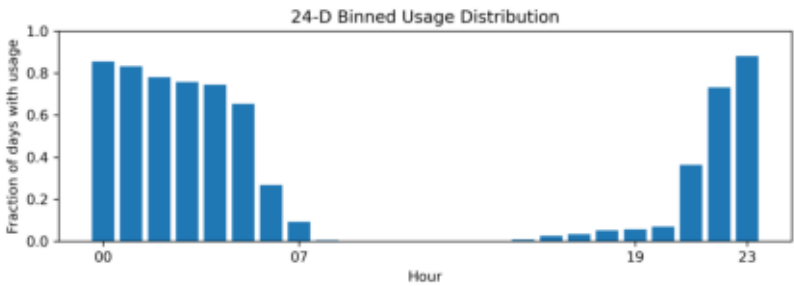
24-D distribution



Patients\_261\_280\_sheet274 - actogram



24-D distribution

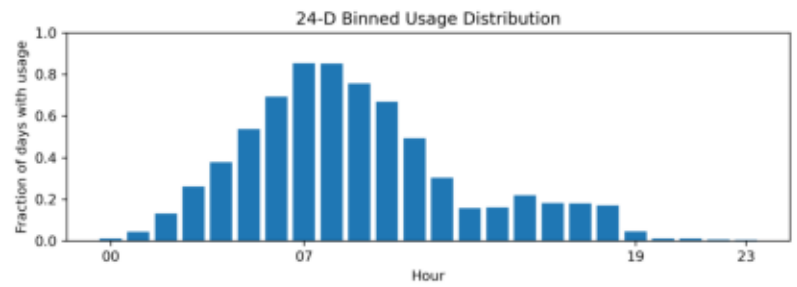


## Cluster 2: 3 nearest to centroid

Patients\_1201\_1220\_sheet1215 - actogram



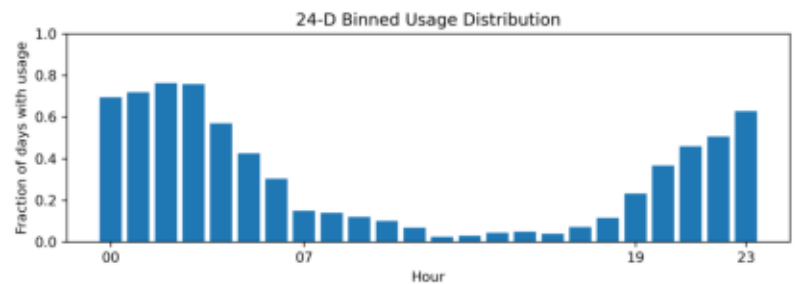
24-D distribution



Patients\_321\_340\_sheet321 - actogram



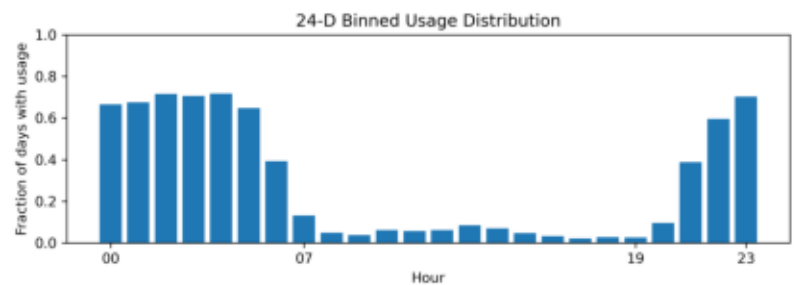
24-D distribution



Patients\_541\_560\_sheet554 - actogram

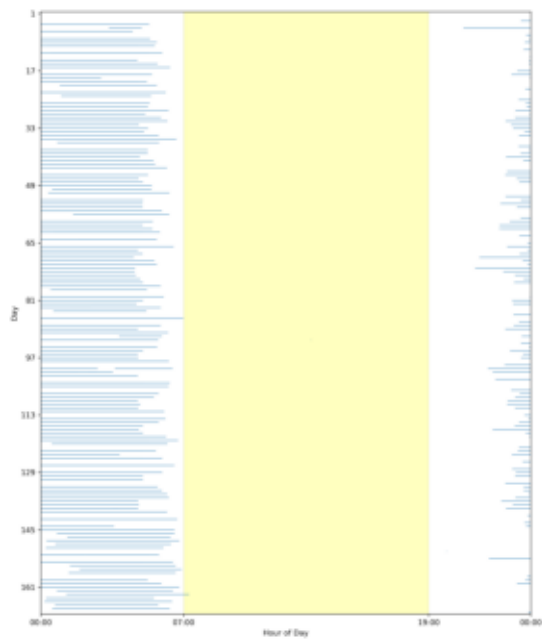


24-D distribution

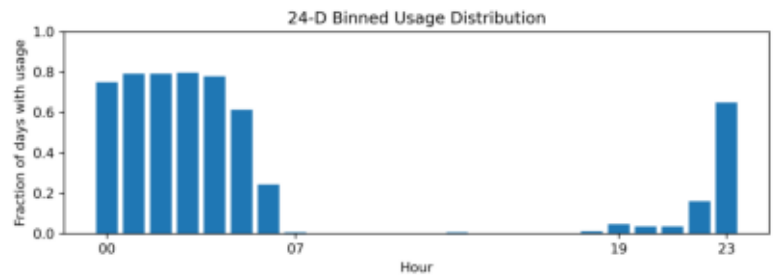


## Cluster 3: 3 nearest to centroid

Patients\_521\_540\_sheet523 - actogram



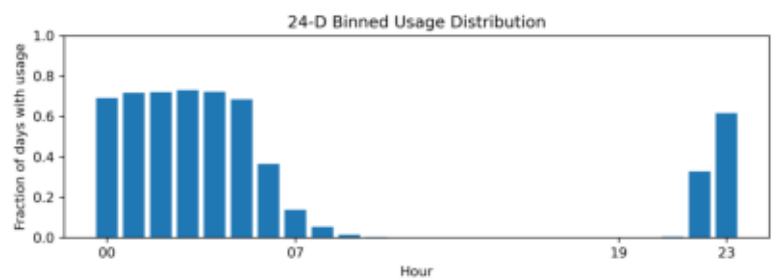
24-D distribution



Patients\_741\_760\_sheet759 - actogram



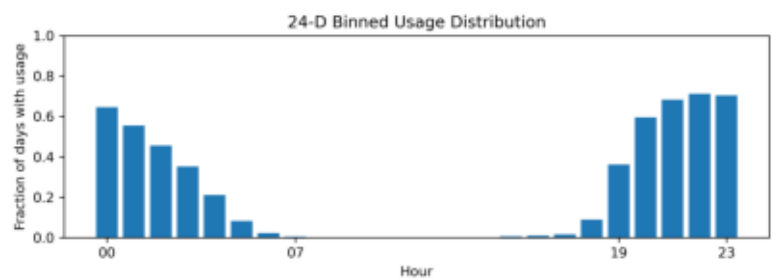
24-D distribution



Patients\_761\_780\_sheet773 - actogram

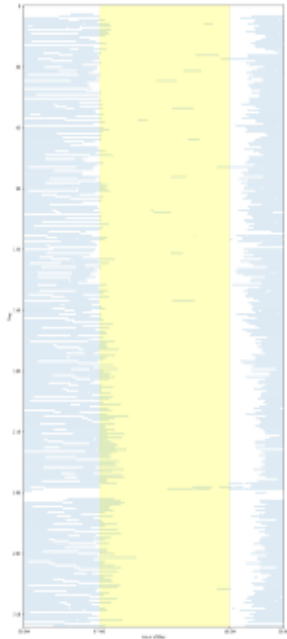


24-D distribution

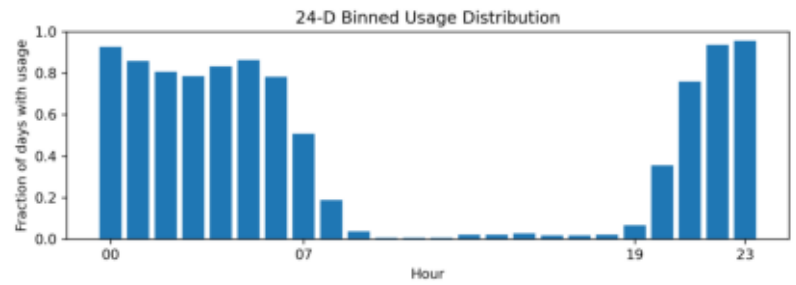


## Cluster 4: 3 nearest to centroid

Patients\_961\_980\_sheet977 - actogram



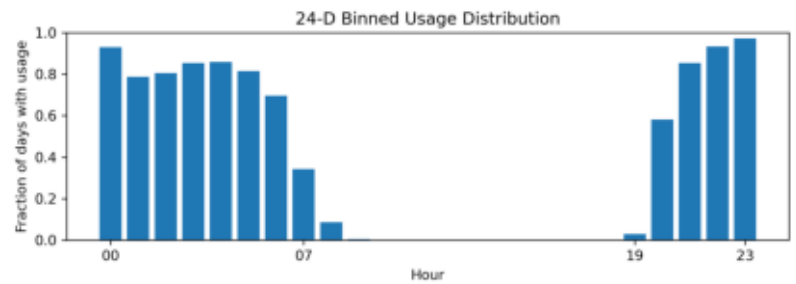
24-D distribution



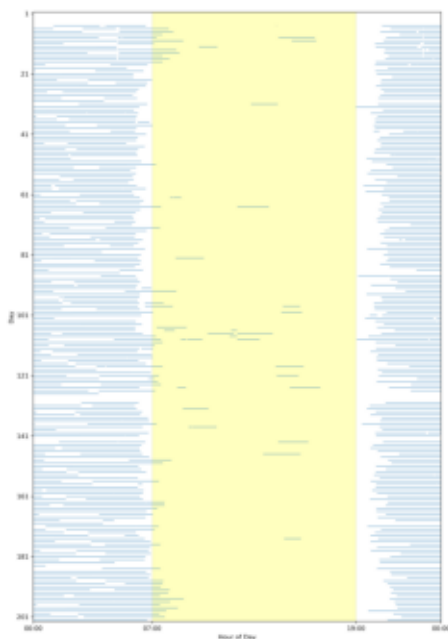
Patients\_401\_420\_sheet410 - actogram



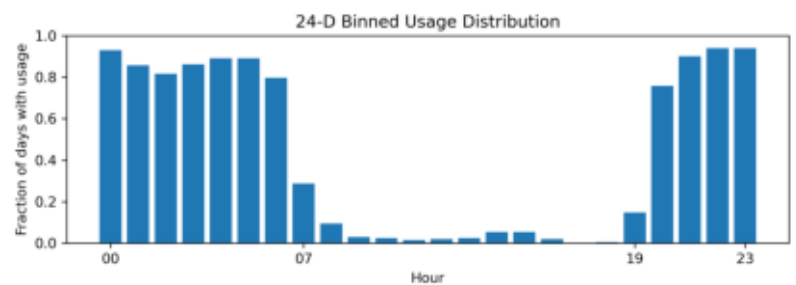
24-D distribution



Patients\_141\_160\_sheet154 - actogram



24-D distribution

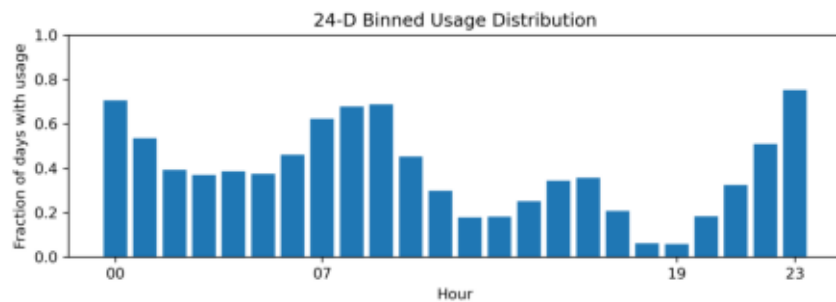


## Cluster 5: 3 nearest to centroid

Patients\_1141\_1160\_sheet1143 - actogram



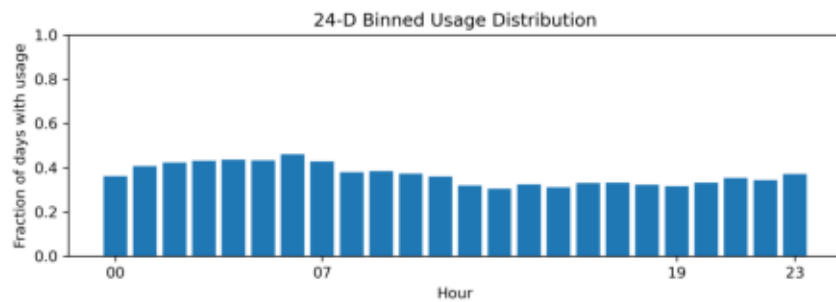
24-D distribution



Patients\_441\_460\_sheet454 - actogram



24-D distribution

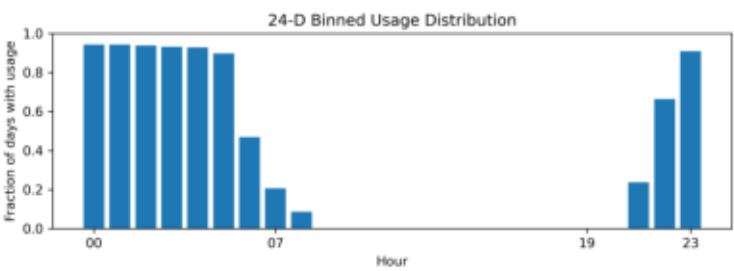


# Cluster 6: 3 nearest to centroid

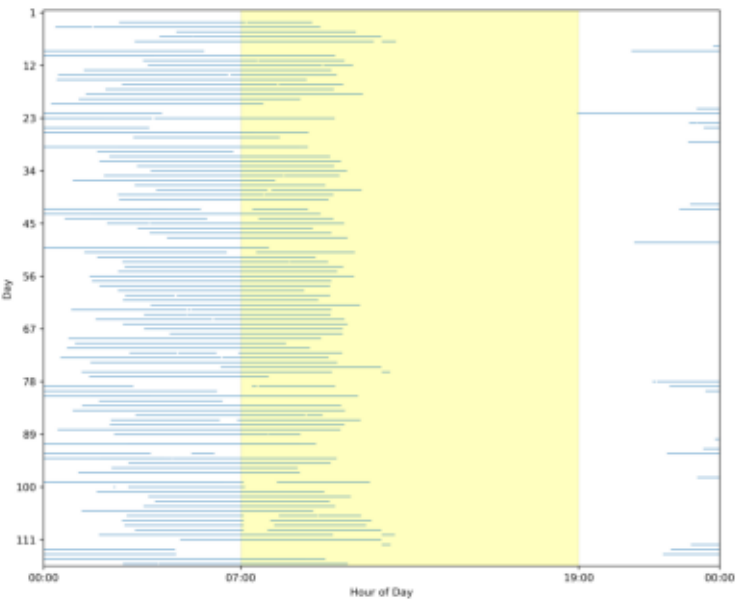
Patients\_1241\_1260\_sheet1241 - actogram



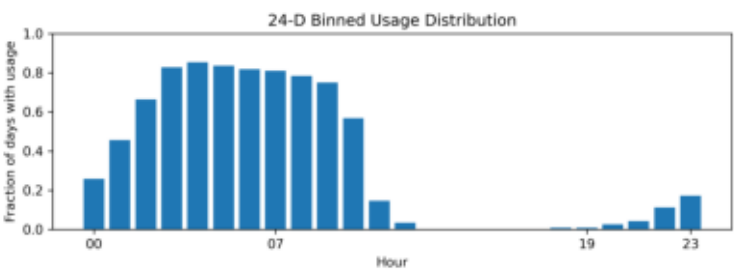
24-D distribution



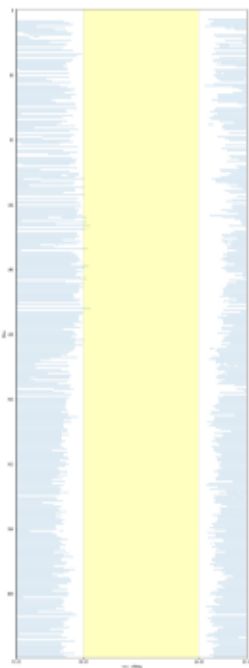
Patients\_761\_780\_sheet771 - actogram



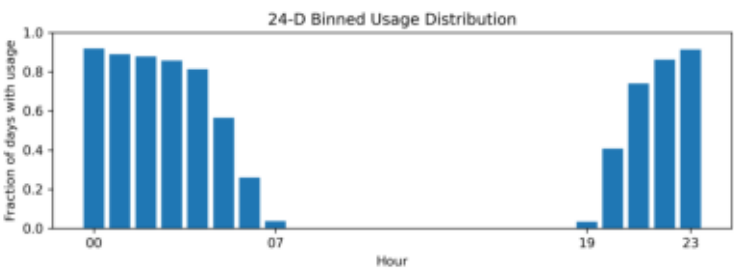
24-D distribution



Patients\_1241\_1260\_sheet1251 - actogram



24-D distribution



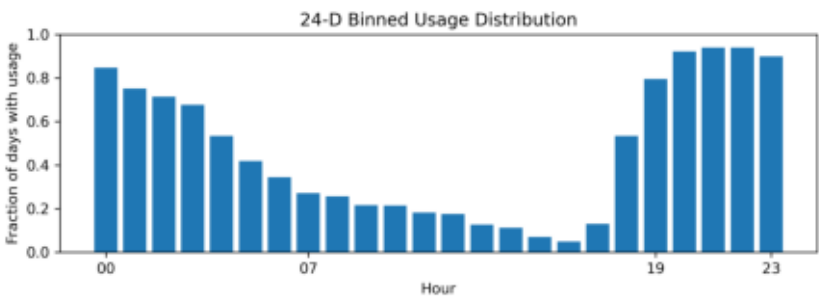


Cluster 7: 3 nearest to centroid

Patients\_921\_940\_sheet938 - actogram



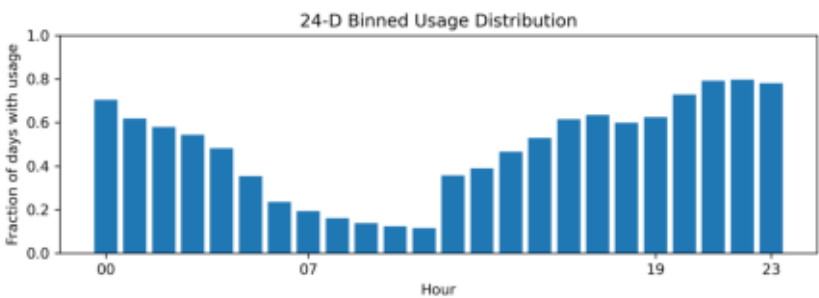
24-D distribution



Patients\_1241\_1260\_sheet1257 - actogram



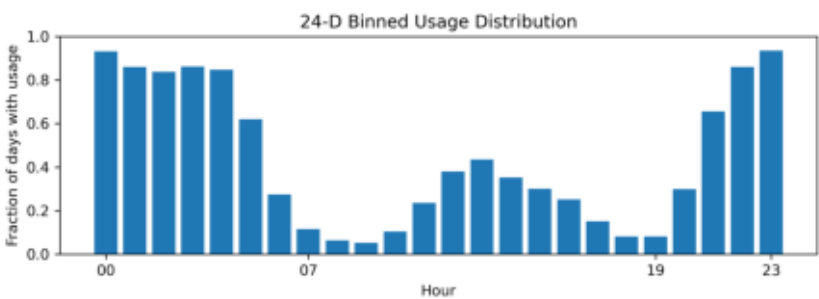
24-D distribution



Patients\_801\_820\_sheet815 - actogram



24-D distribution

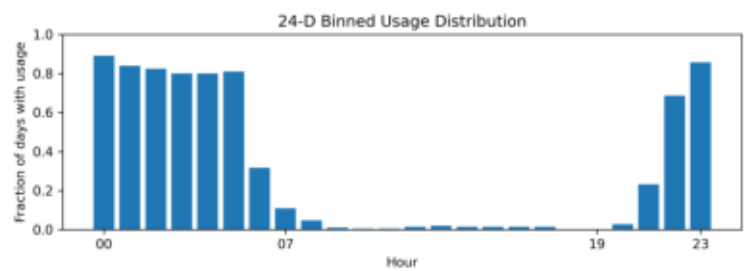


Cluster 8: 3 nearest to centroid

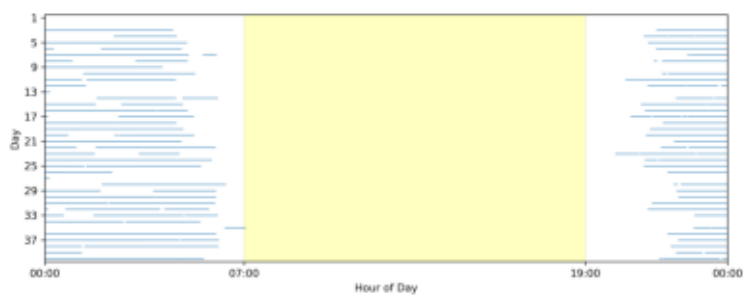
Patients\_981\_1000\_sheet994 - actogram



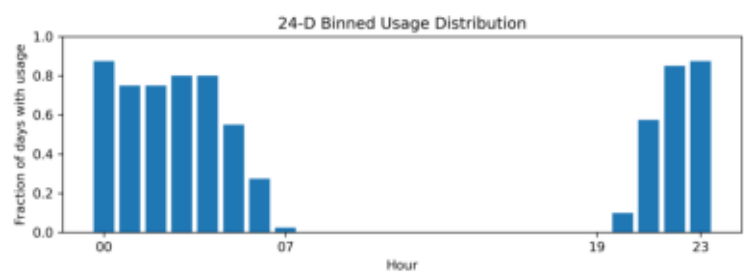
24-D distribution



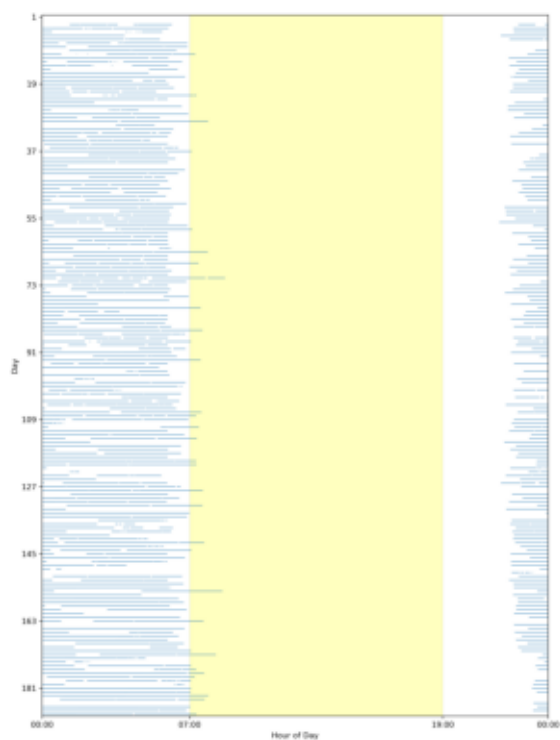
Patients\_701\_720\_sheet705 - actogram



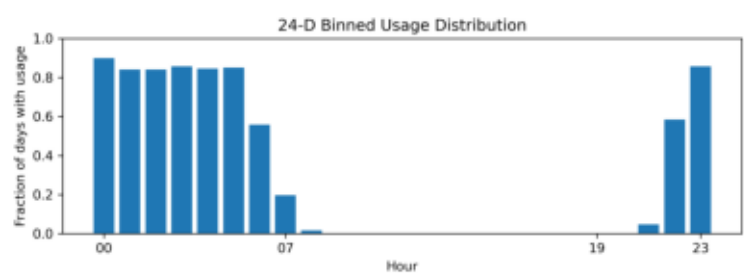
24-D distribution



Patients\_701\_720\_sheet716 - actogram



24-D distribution

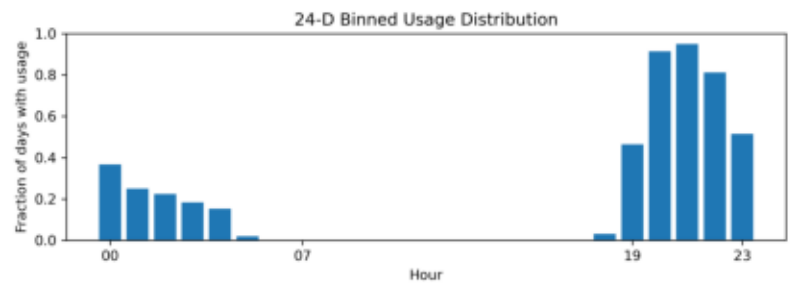


## Cluster 9: 3 nearest to centroid

Patients\_901\_920\_sheet920 - actogram



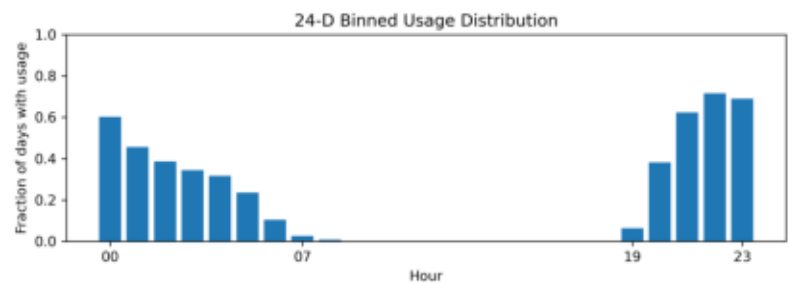
24-D distribution



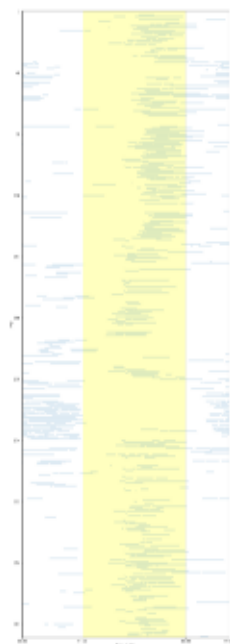
Patients\_541\_560\_sheet546 - actogram



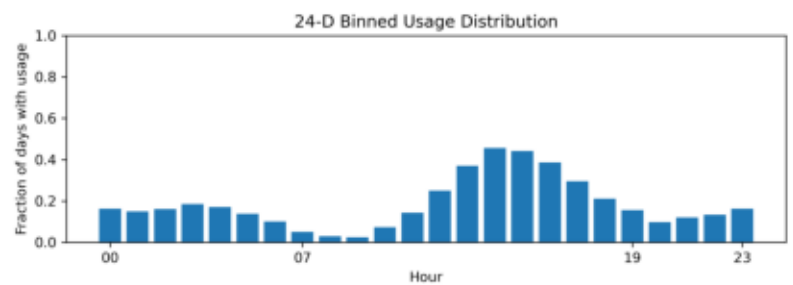
24-D distribution



Patients\_341\_360\_sheet358 - actogram

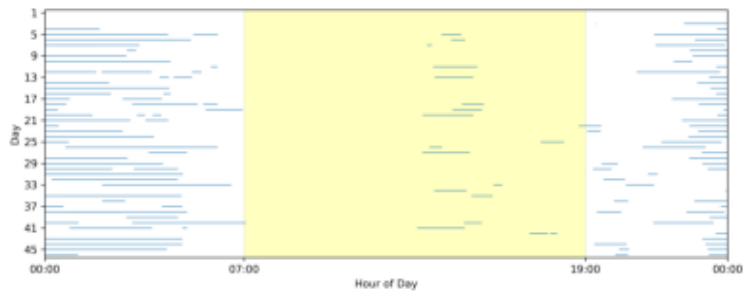


24-D distribution

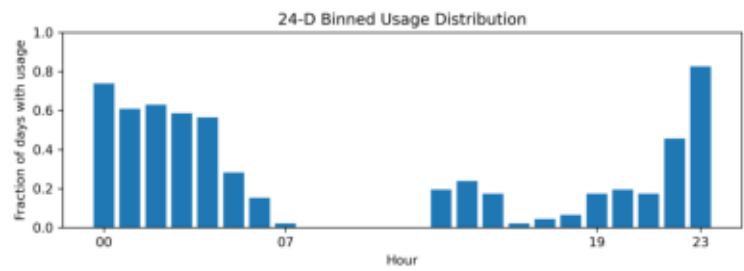


Cluster 10: 3 nearest to centroid

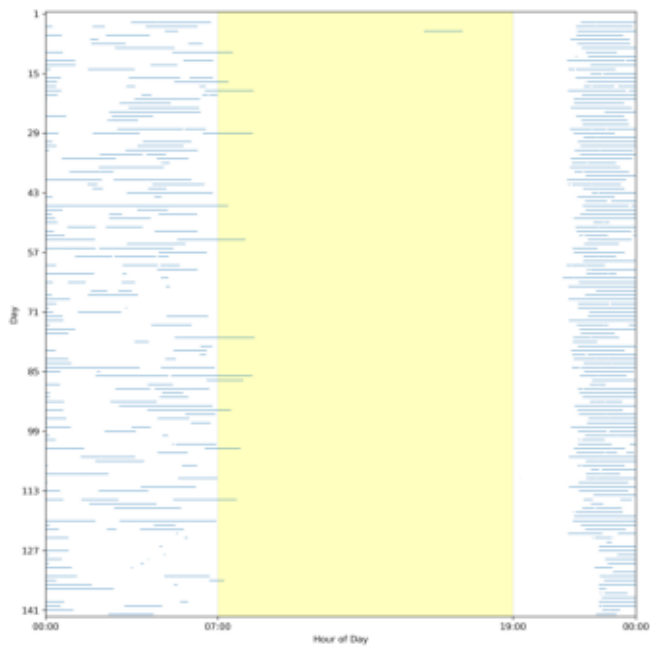
Patients\_441\_460\_sheet458 - actogram



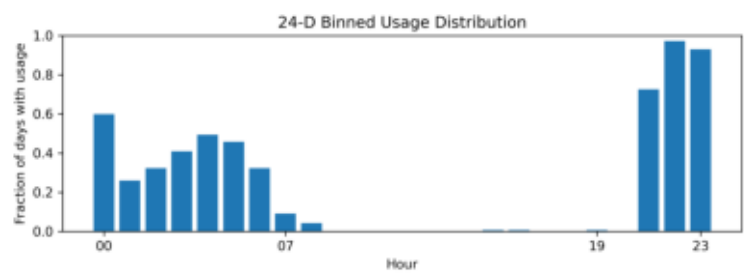
24-D distribution



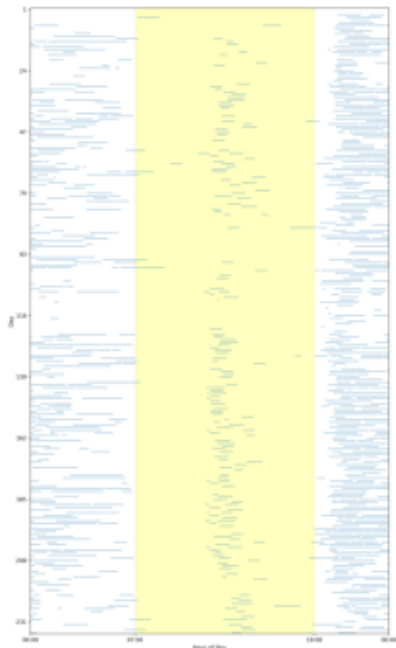
Patients\_1041\_1060\_sheet1058 - actogram



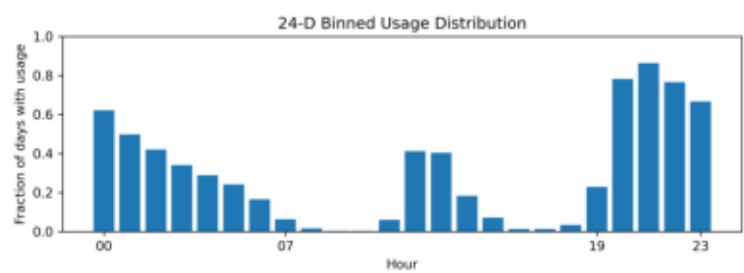
24-D distribution



Patients\_921\_940\_sheet930 - actogram



24-D distribution

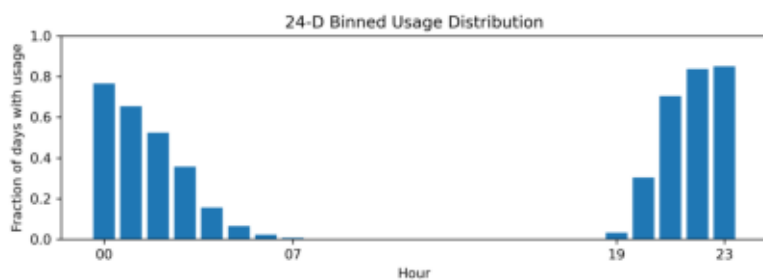


## Cluster 11: 3 nearest to centroid

Patients\_481\_500\_sheet482 - actogram



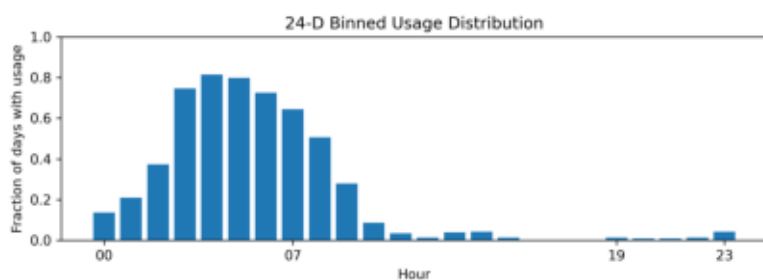
24-D distribution



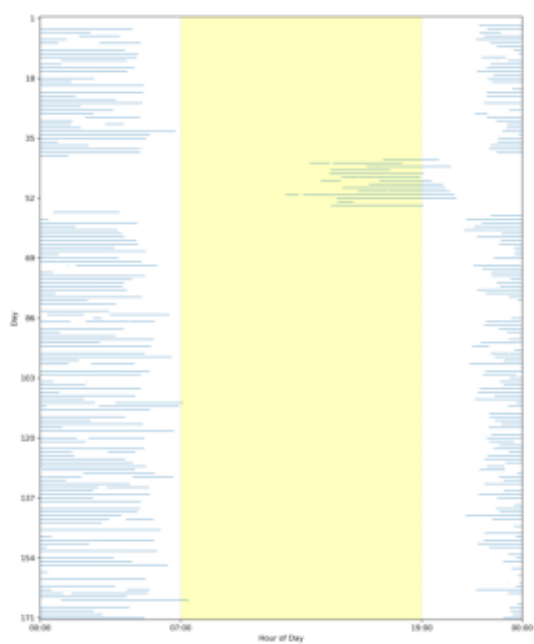
Patients\_321\_340\_sheet329 - actogram



24-D distribution



Patients\_941\_960\_sheet959 - actogram



24-D distribution

