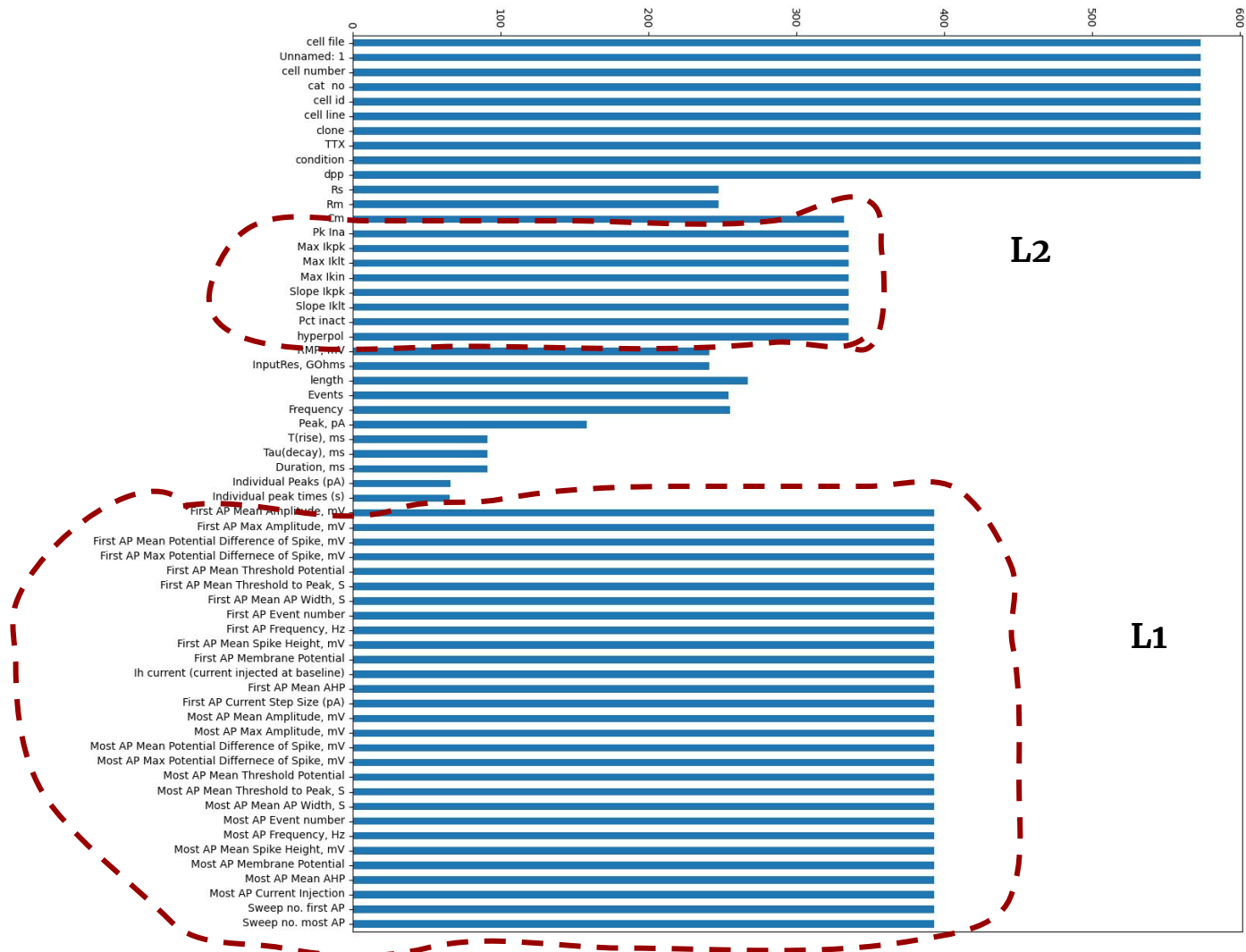


Ephys data: Looking at time ranges

Mohorianu Lab

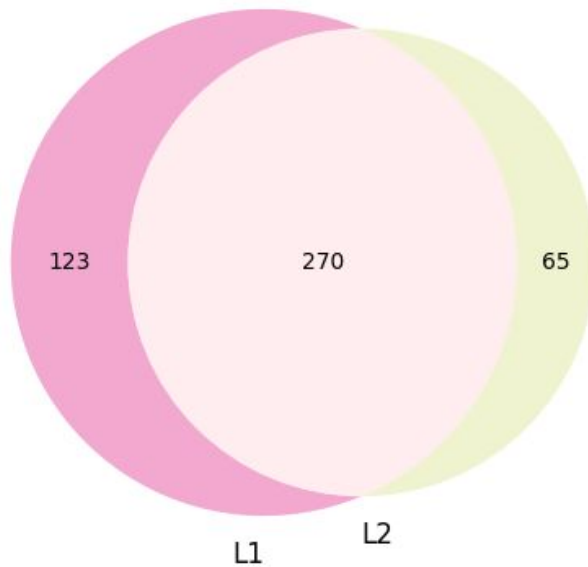
Liviu Pîrvan
29 September, 2023
Meeting

Recap...



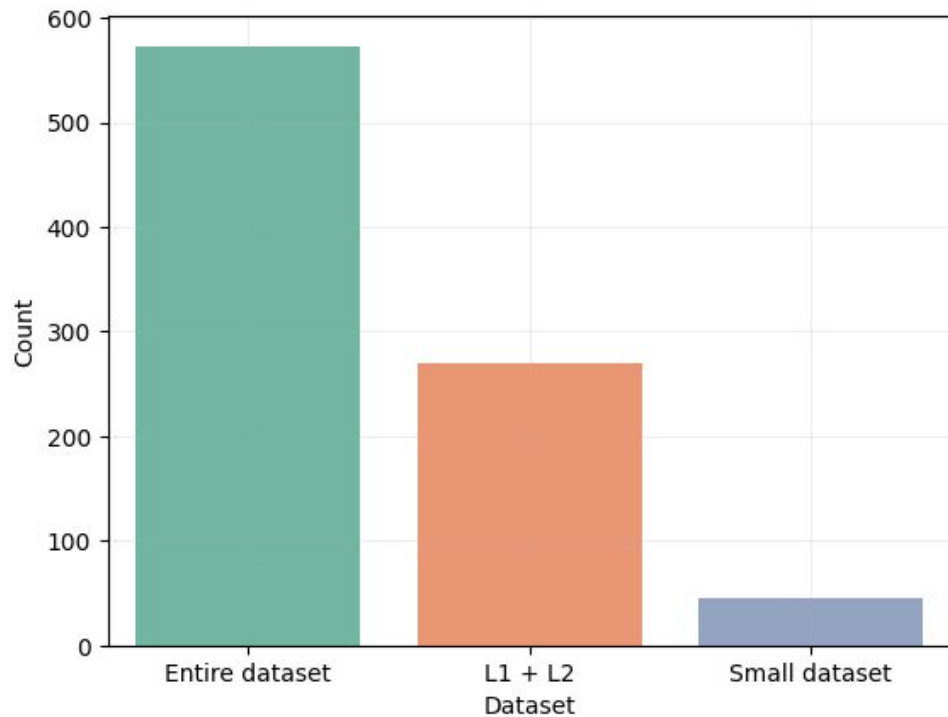
Elements from both L1 and L2

Number of present elements from L1 and L2

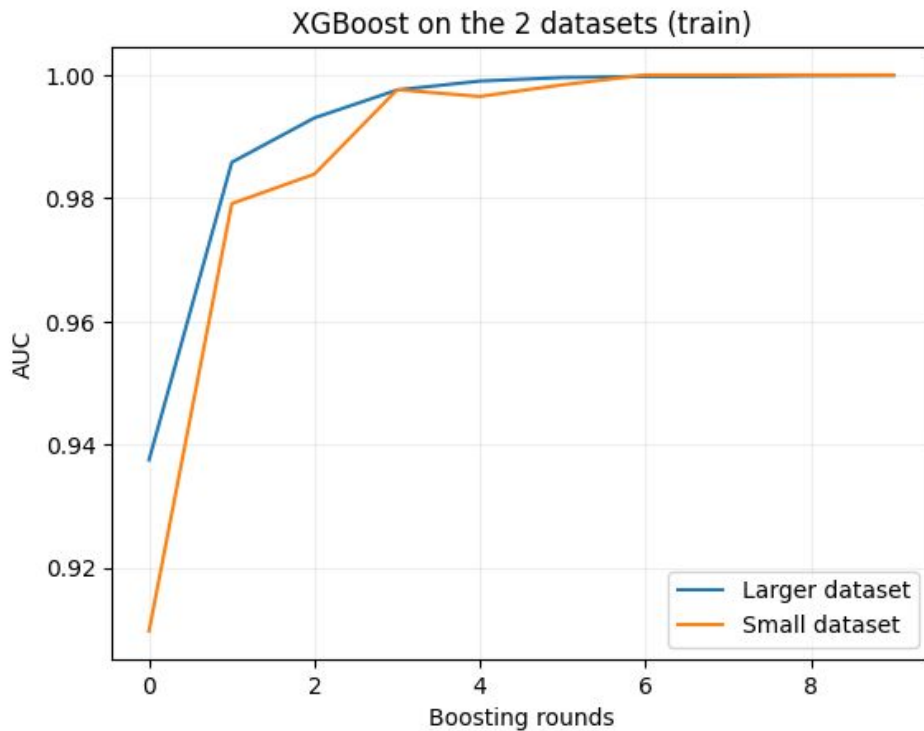


$$270/573 = 0.47$$

Number of elements for different filtering



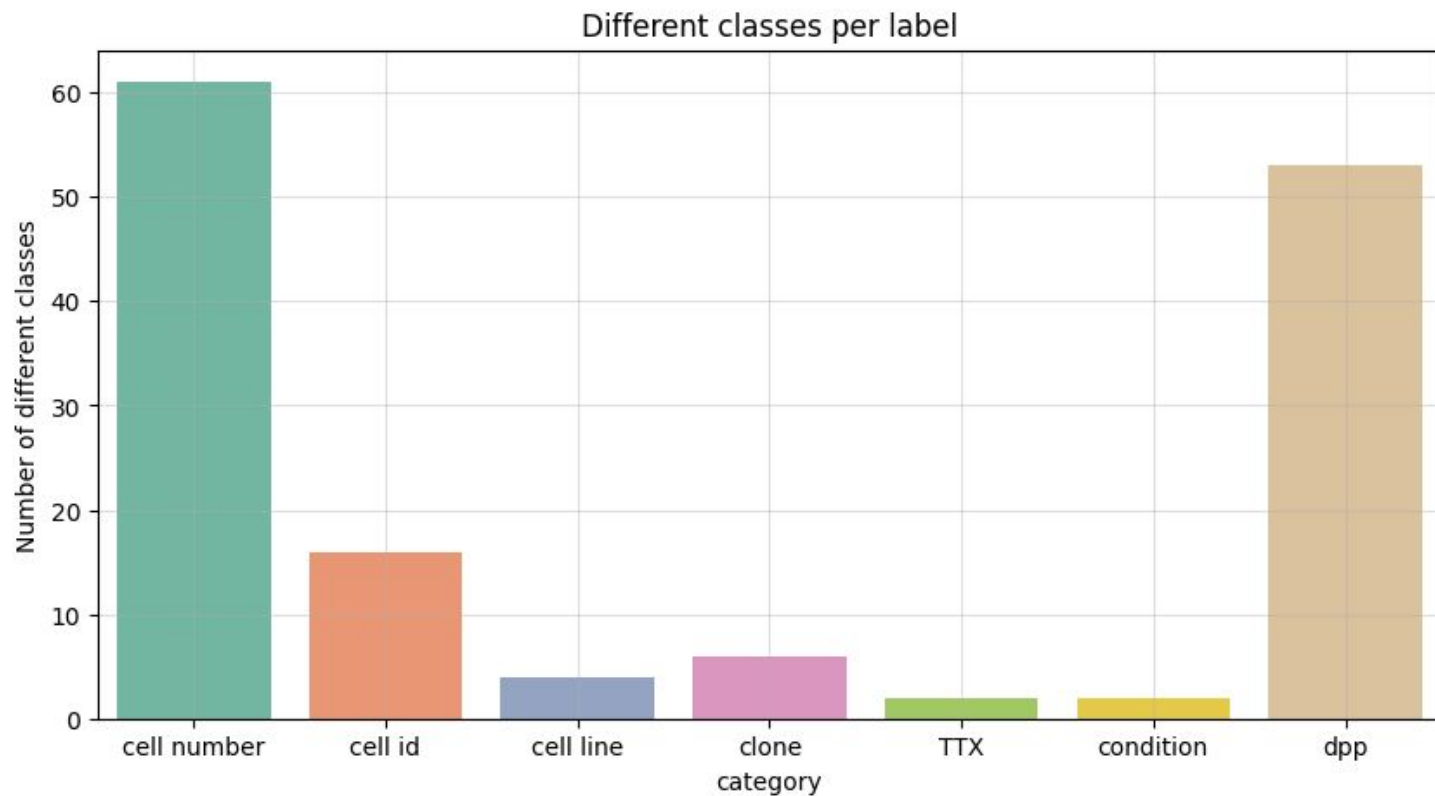
XGBoost performs better on the larger dataset



XGBoost performs better on the larger dataset

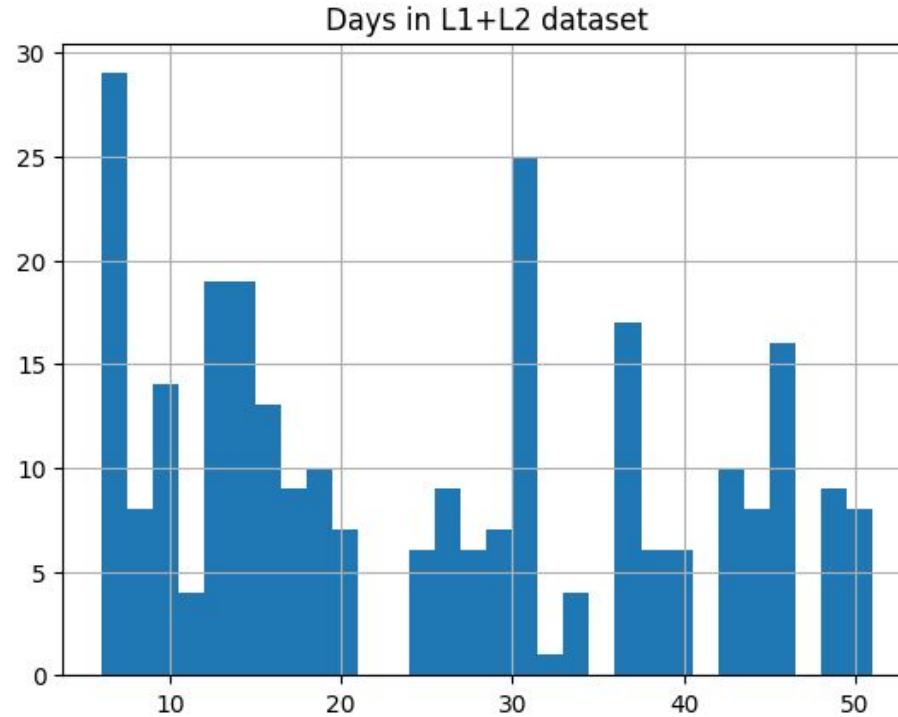


Number of classes per label



Looking at time ranges

Frequency of days in the L1+L2 dataset

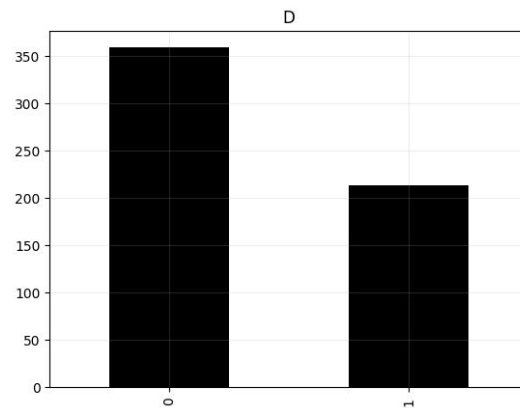
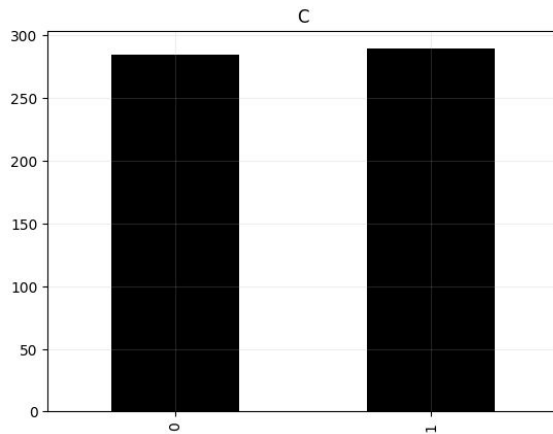
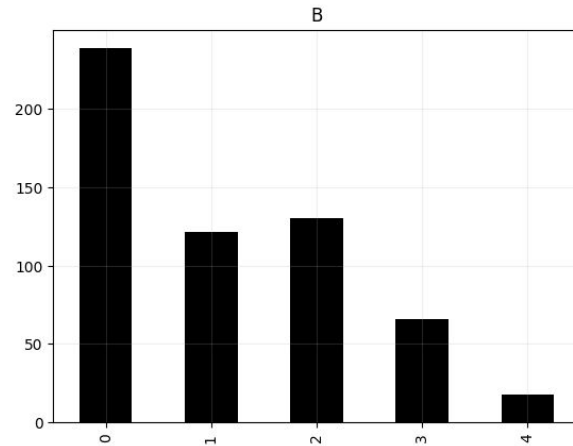
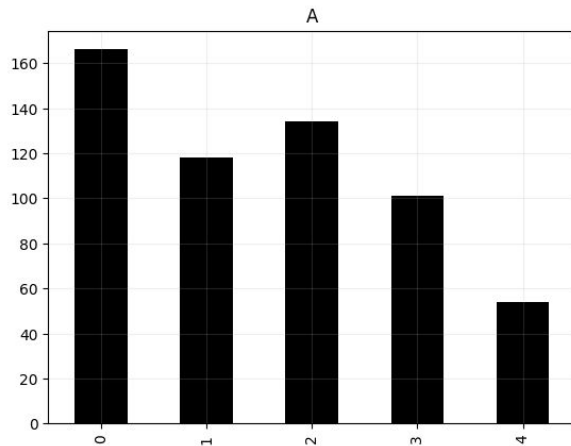


Proposed time ranges

- A:0-14, 15-28, 29-42, 43-56, 57+
- B:7-21, 22-35, 36-49, 50-63, 64+ (*why 7 minimum? I assumed 6-21*)
- C:0-28, 29-56+
- D:0-35, 36-63 (*nothing above 63? I assumed 63+*)

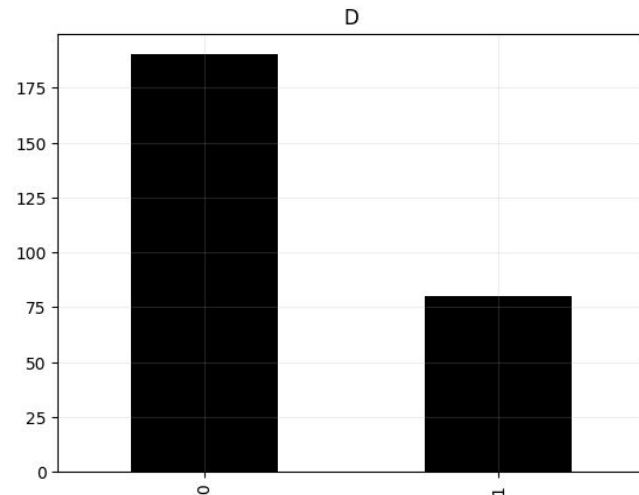
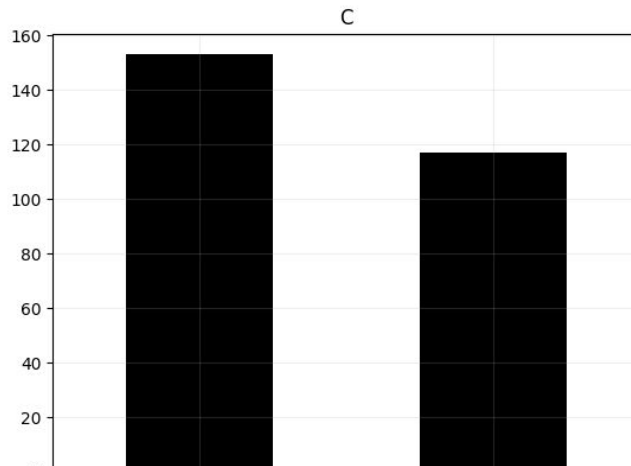
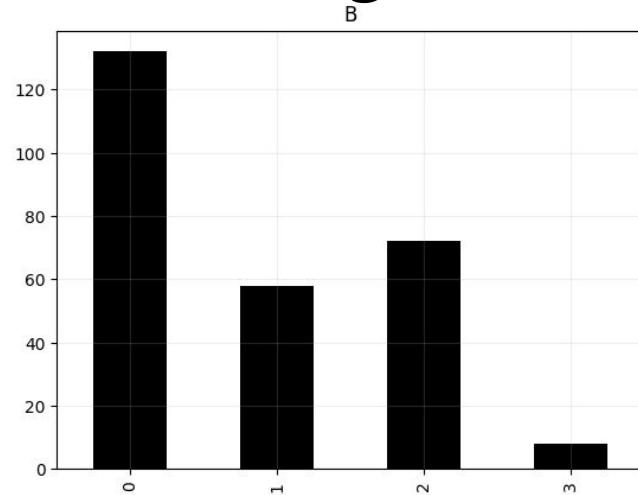
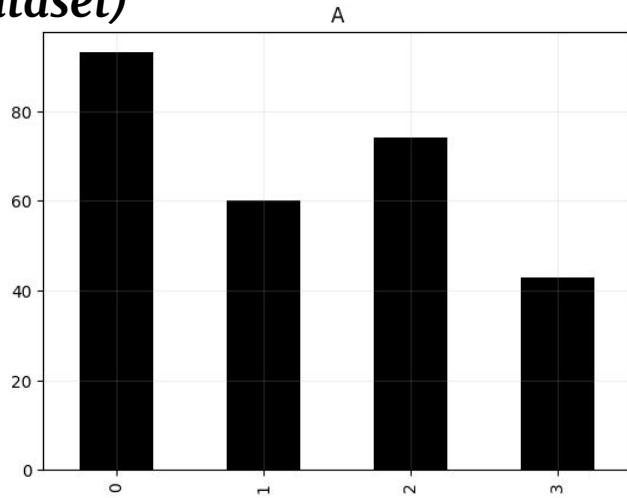
How many data points in each time range?

(whole dataset)

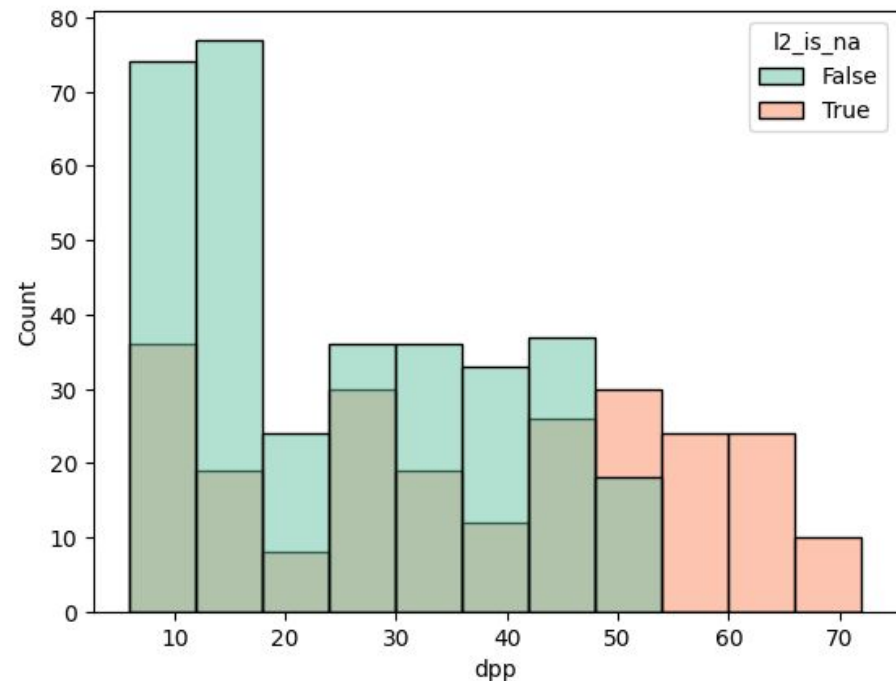
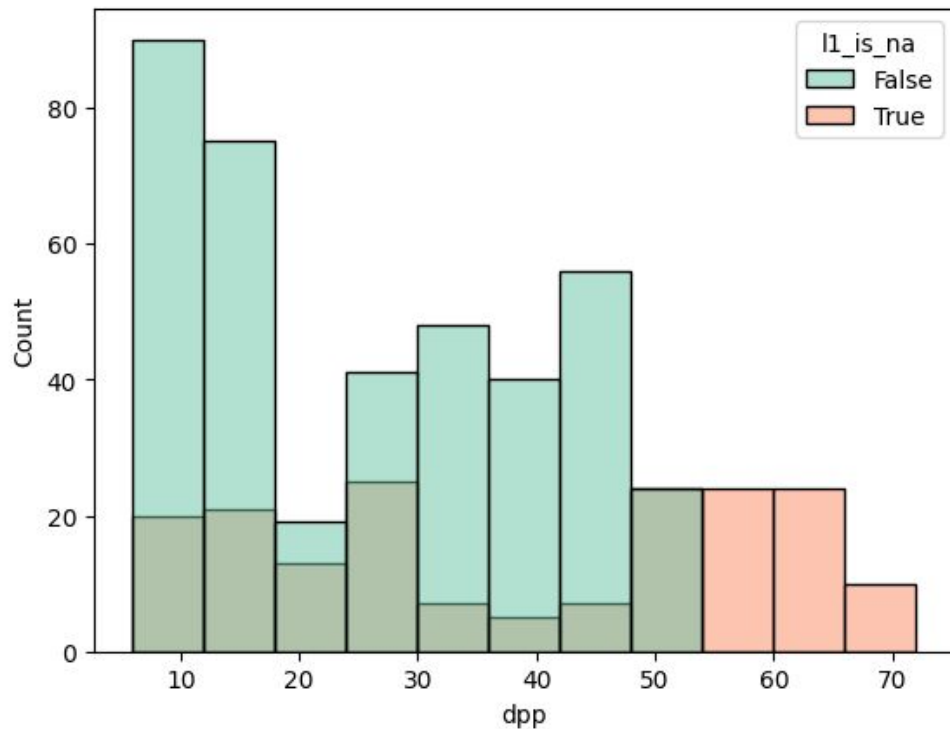


How many data points in each time range?

(L1+L2 dataset)

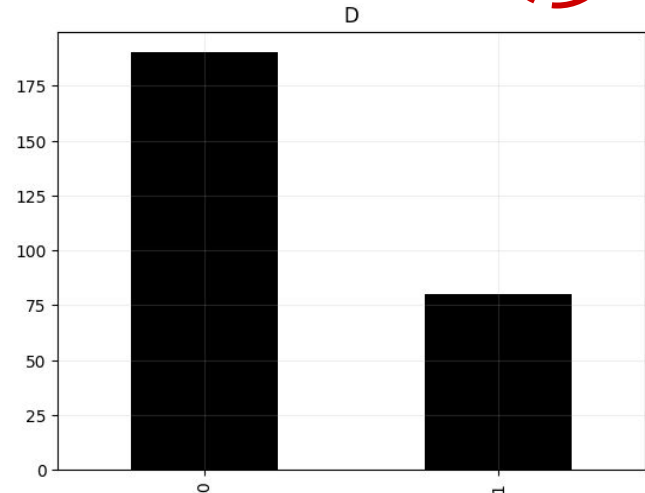
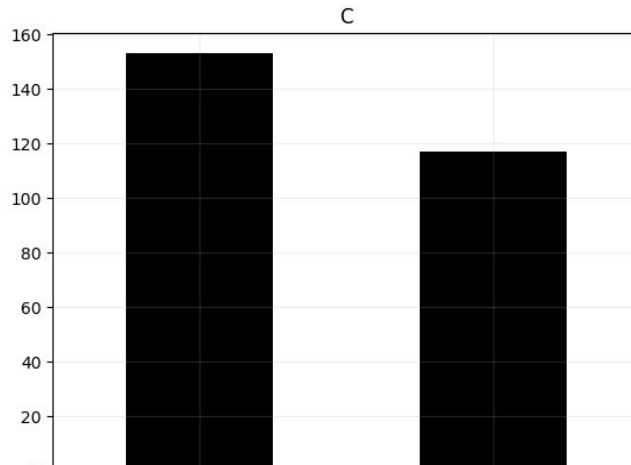
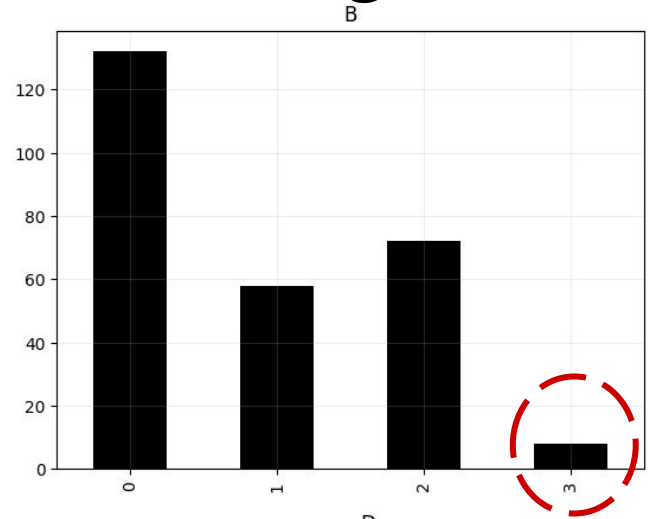
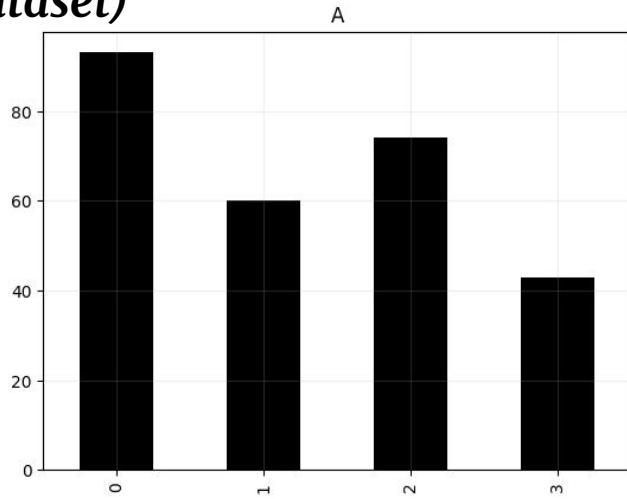


Later timepoints have only NA values for L1 and L2

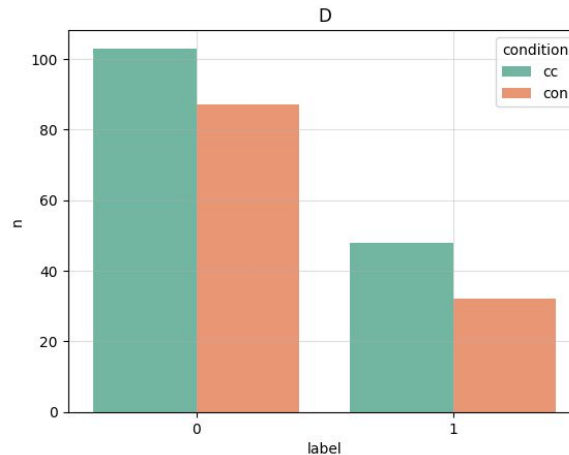
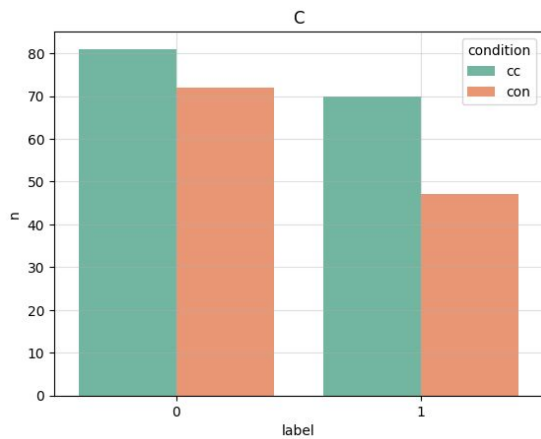
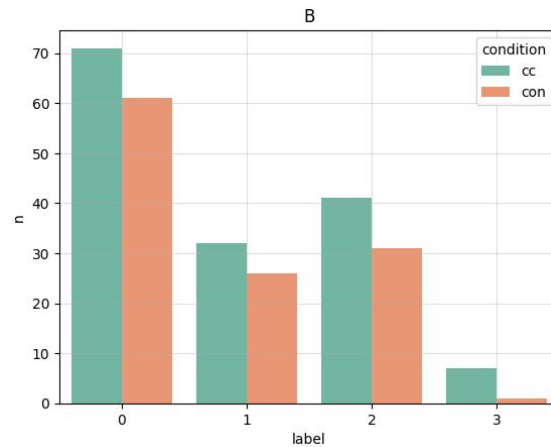
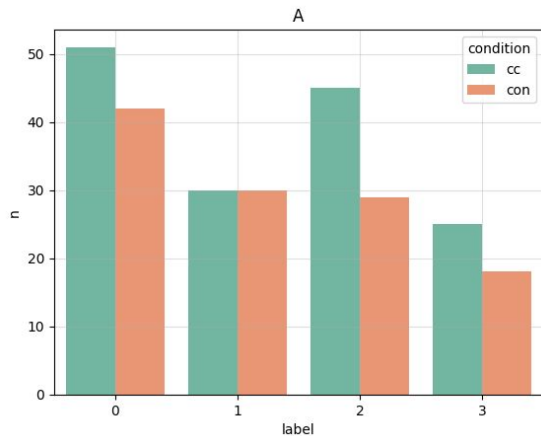


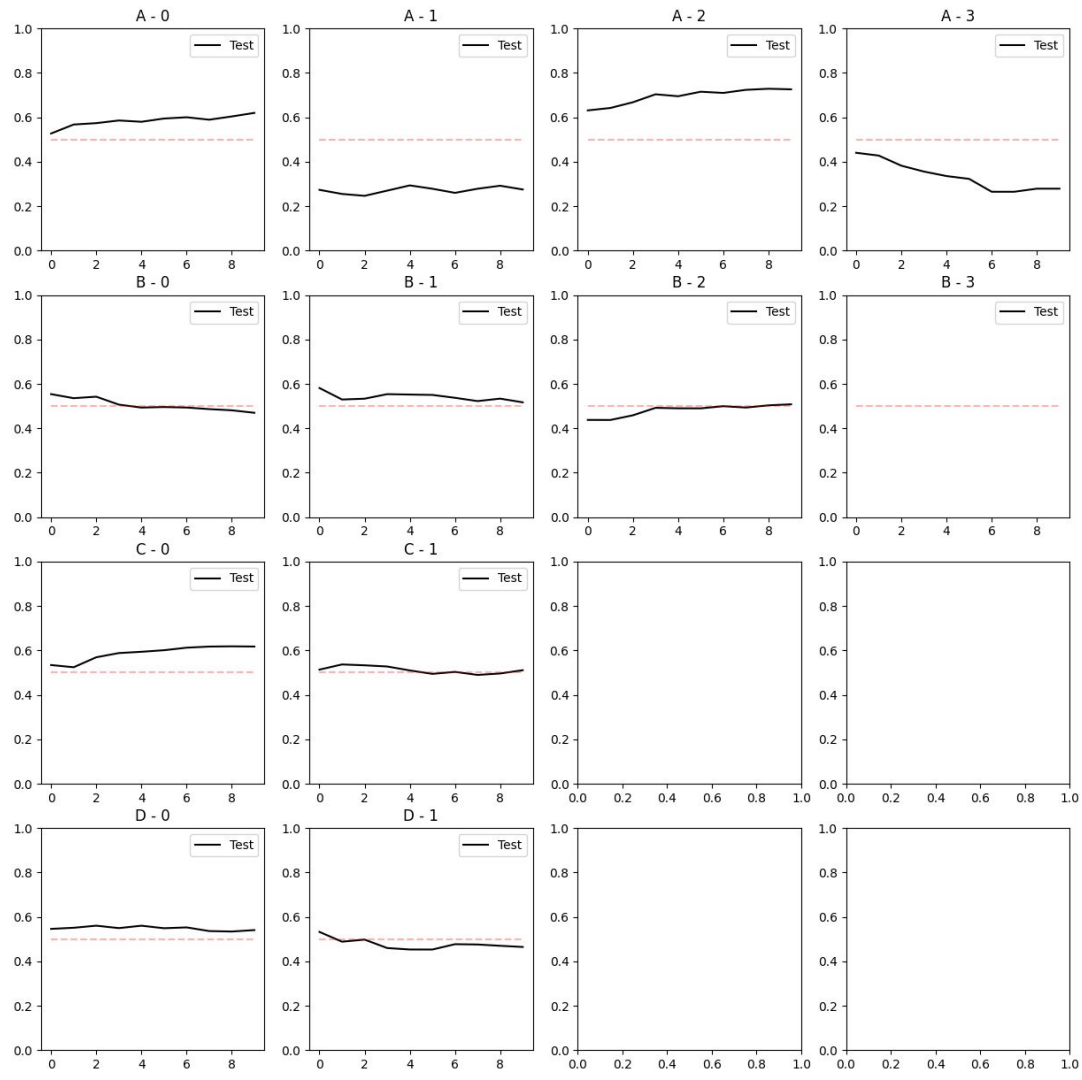
How many data points in each time range?

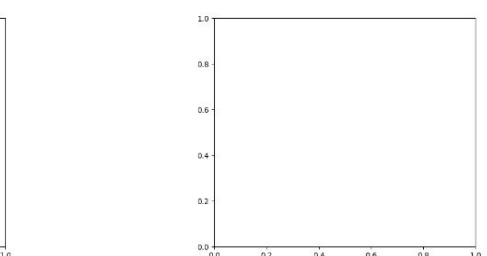
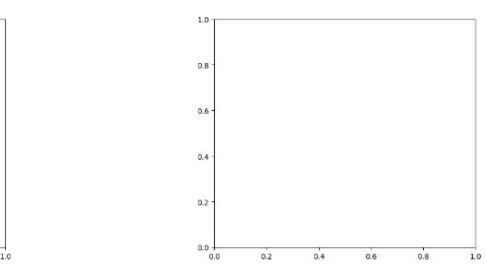
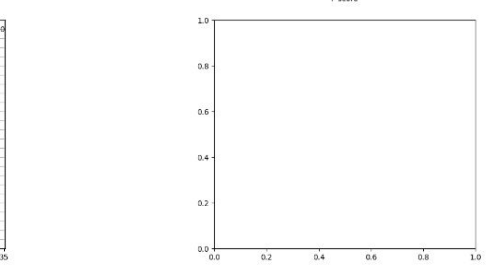
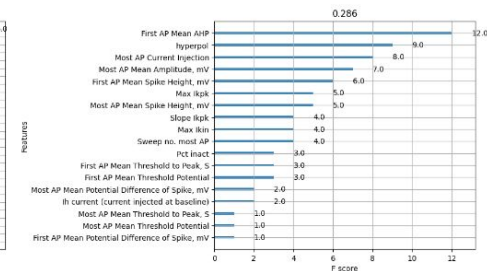
(L1+L2 dataset)



Data points split by conditions in each time range







A1 and A3

