

# Weekly report

Date: 05.16.2019

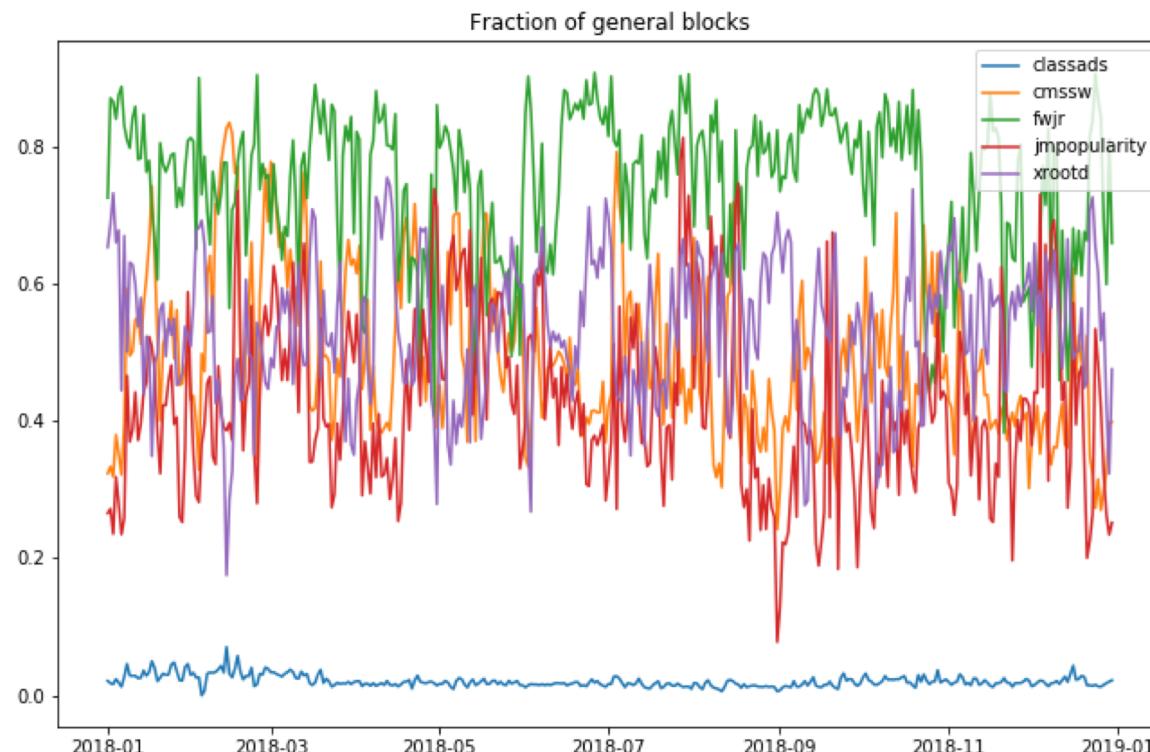
Speaker: Andrew Liu

# Outline

- Ratio of blocks in each working set to union
- Ratio of unique blocks to union
- Ratio of unique blocks from CERN and FNAL
- Top 10 frequent site names of unique blocks and their time dependence for each working set

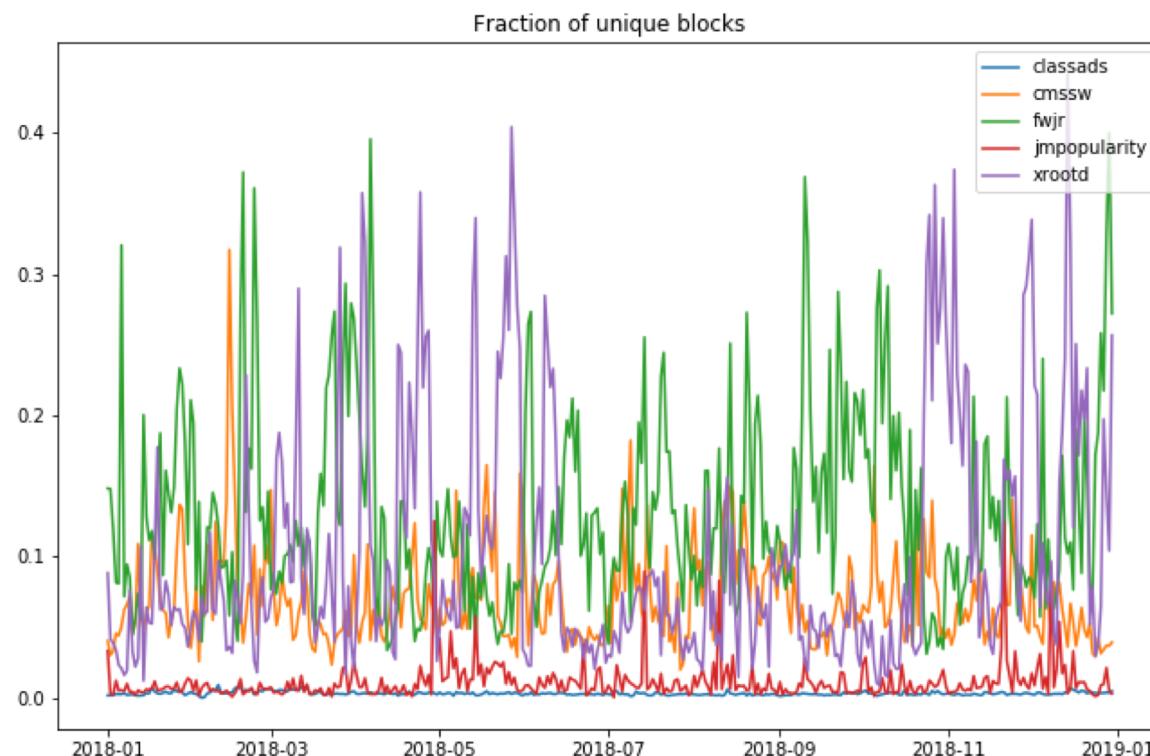
# Ratio of blocks in each working set to union

- The number of blocks of classads is much smaller than all the other working sets. Here I use the new 2018 ClassAds that Diego gave us.

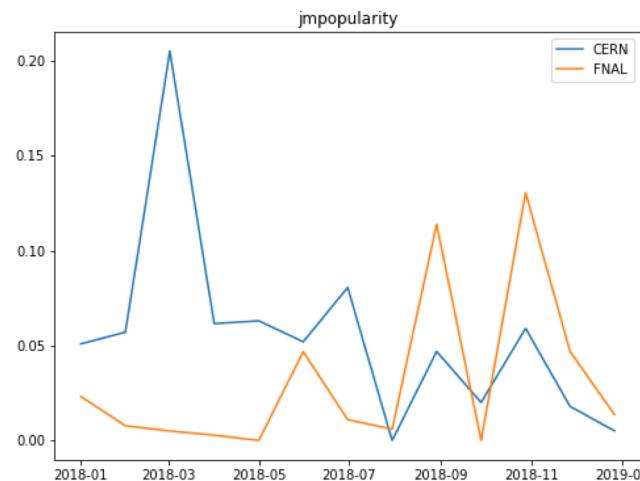
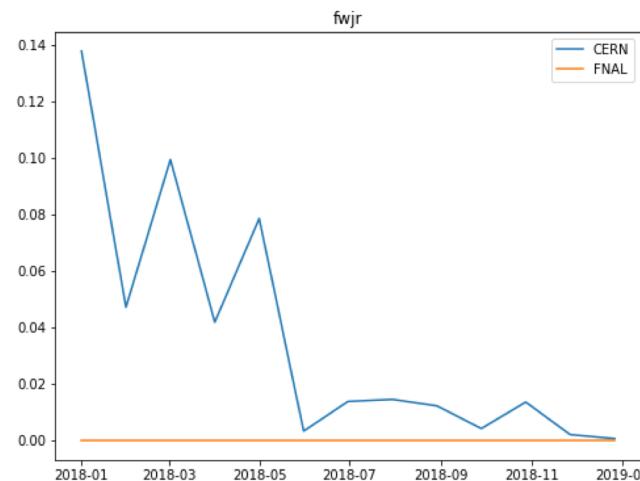
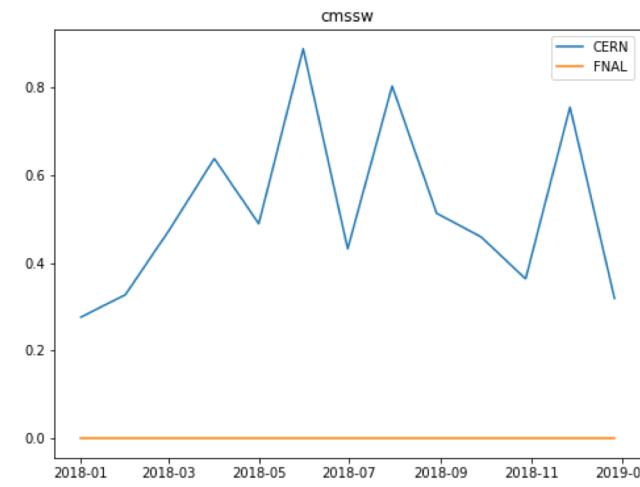
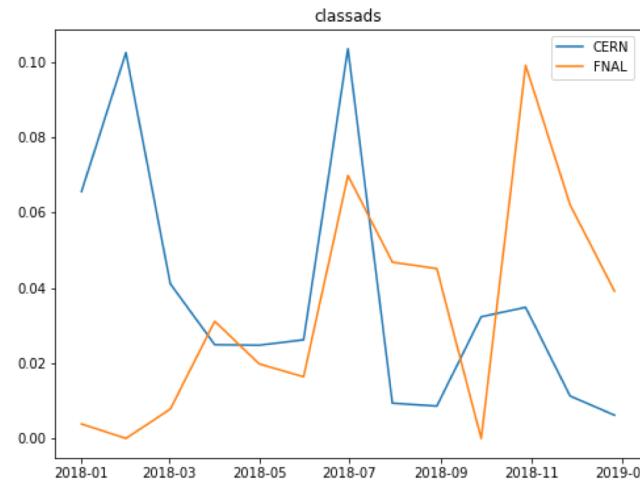


# Ratio of unique blocks to union

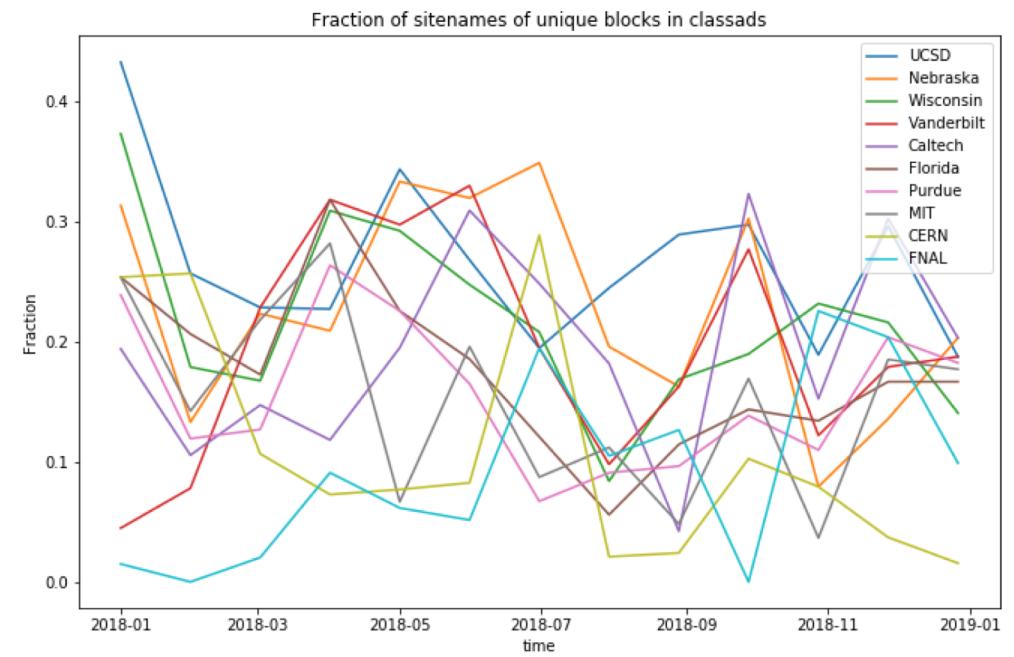
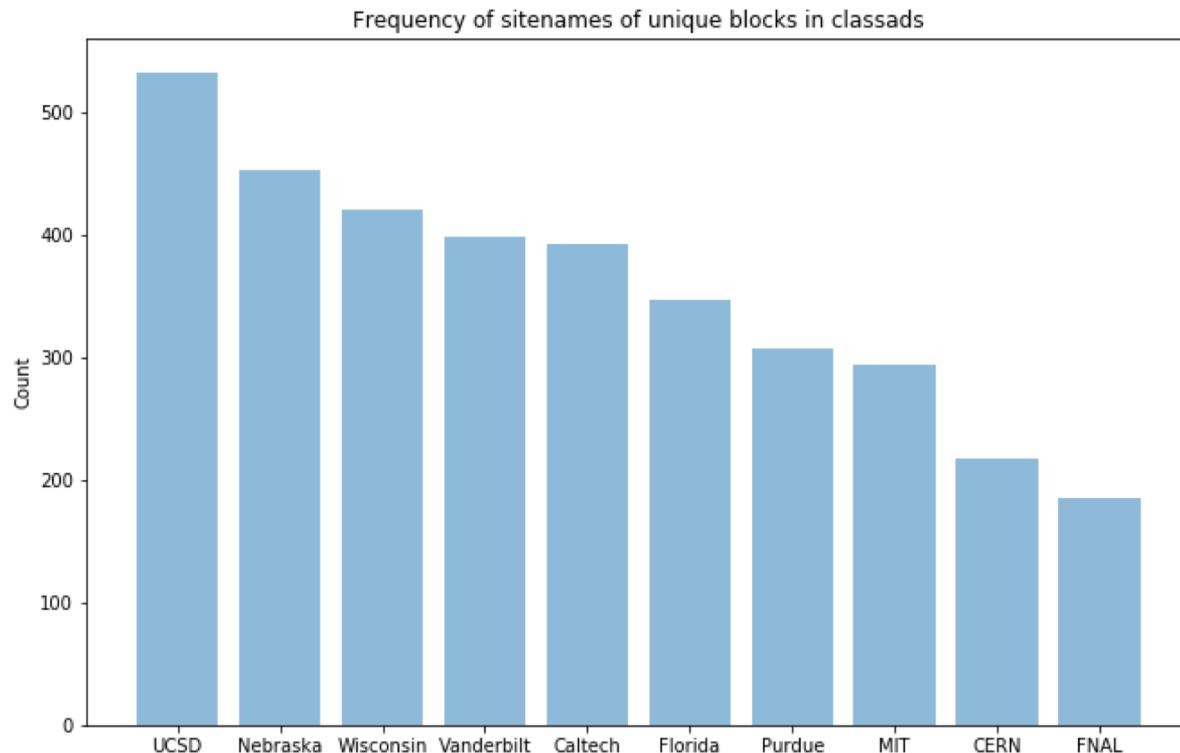
- Unique blocks are the blocks come from only one working set but not show in other working sets.



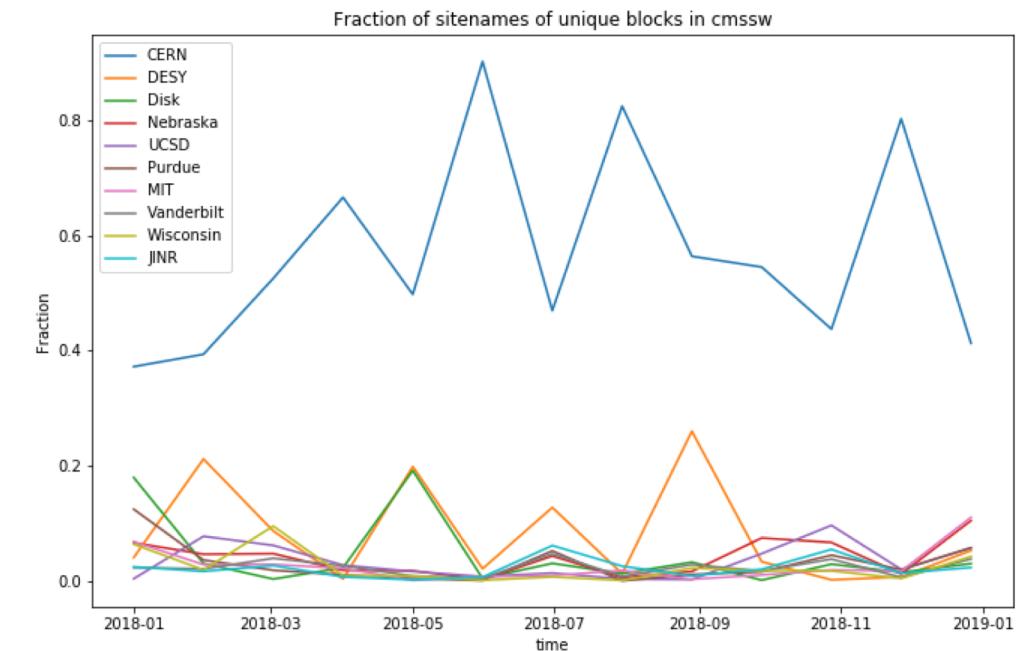
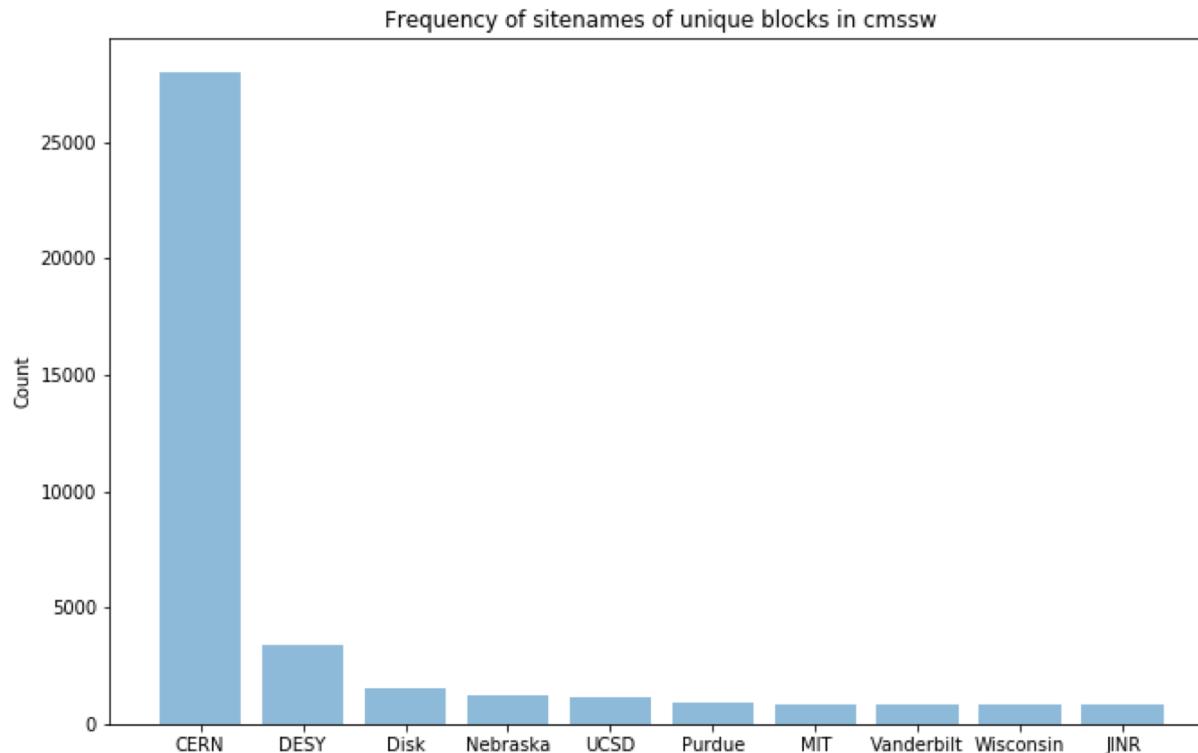
# Ratio of unique blocks from CERN and FNAL



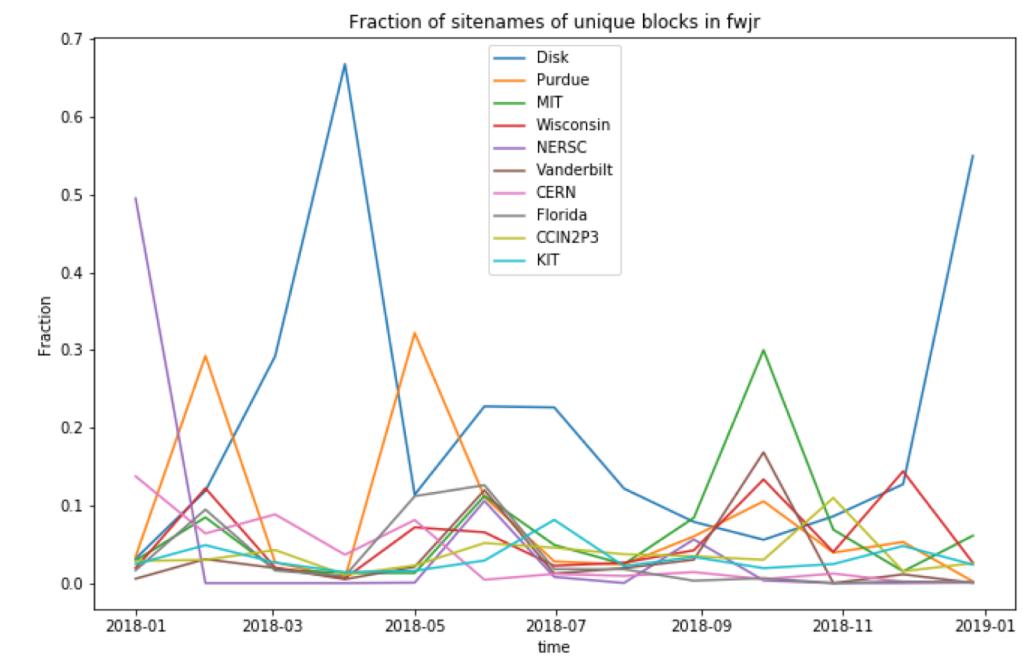
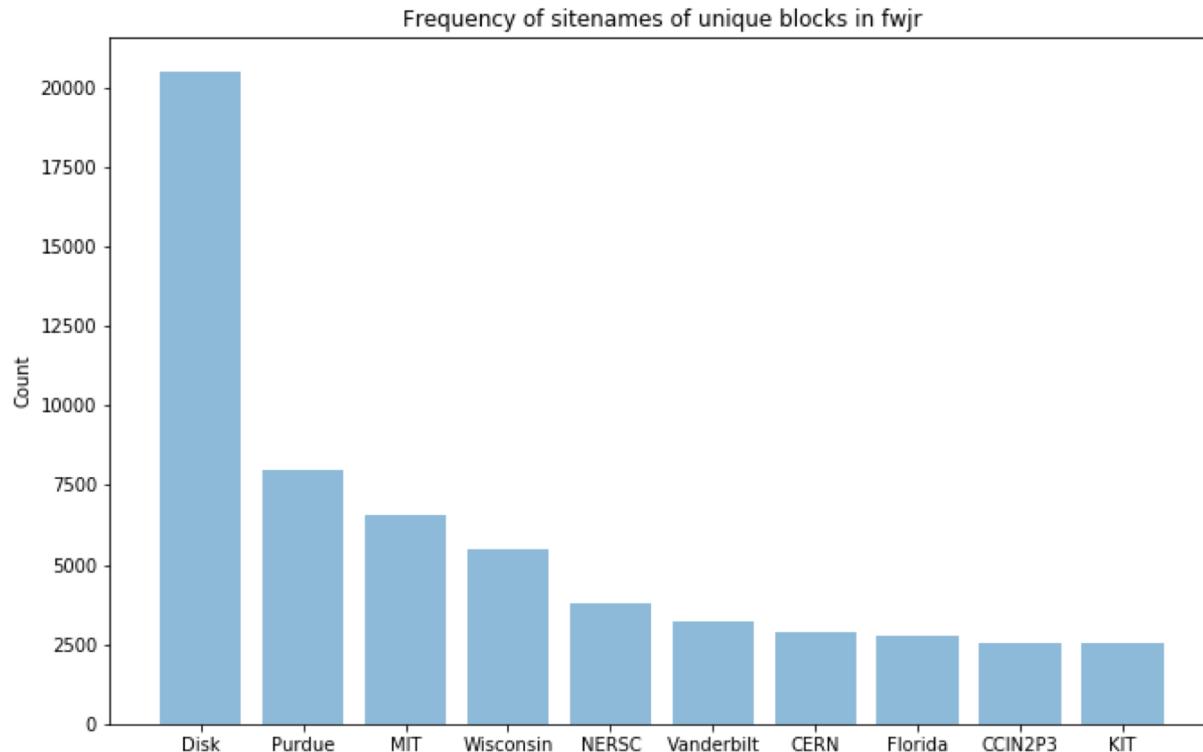
# Top 10 frequent site names of unique blocks in classads and their time dependence



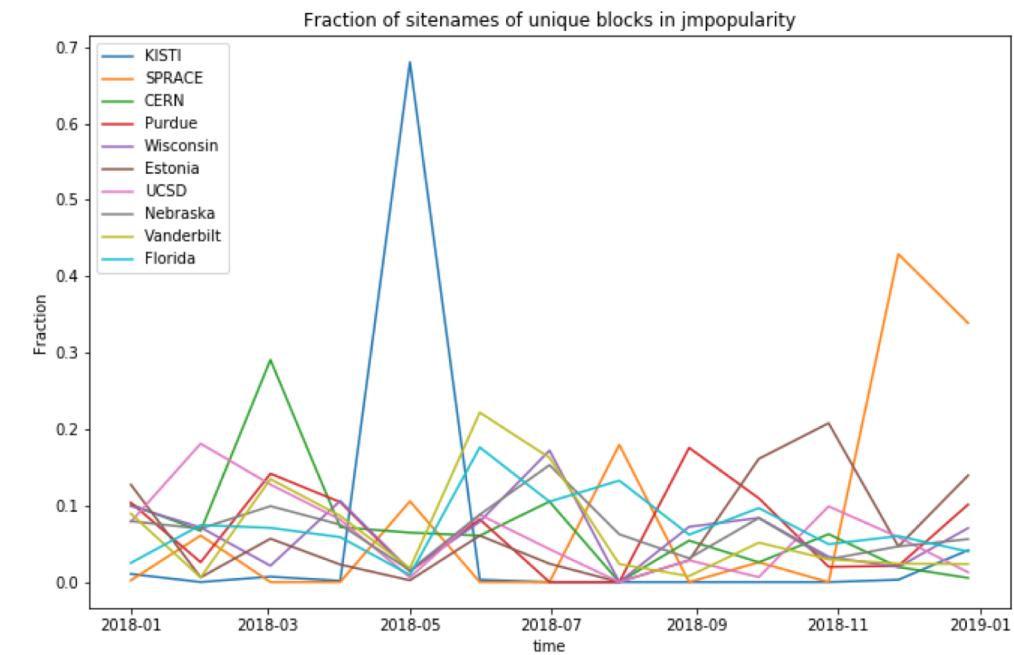
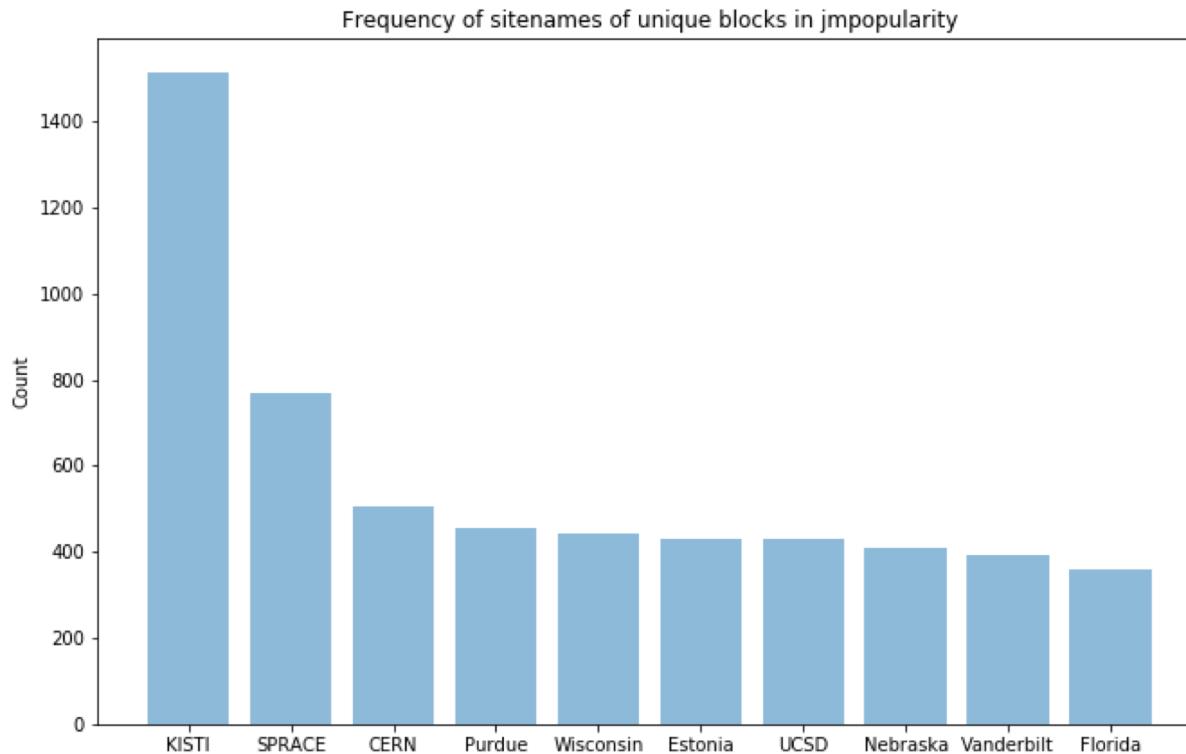
# Top 10 frequent site names of unique blocks in cmssw and their time dependence



# Top 10 frequent site names of unique blocks in fwjr and their time dependence



# Top 10 frequent site names of unique blocks in jmpopularity and their time dependence



# Goals of next week

- Increase the time resolution of the time dependence of top ten frequent site names from monthly to daily.
- Deal with the problem about the data size of ClassAds working set.