

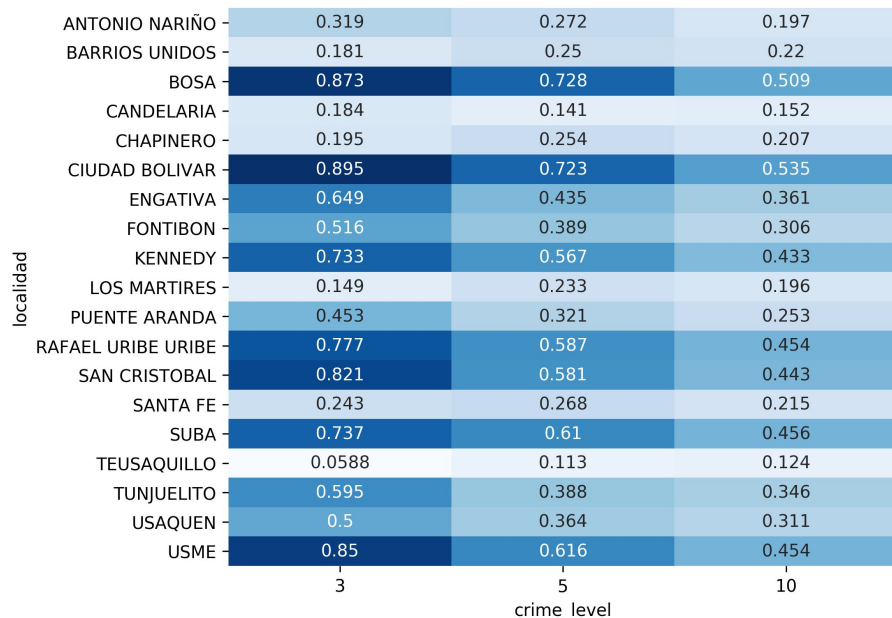
# Predictability analysis RNMC dataset

March 09, 2020

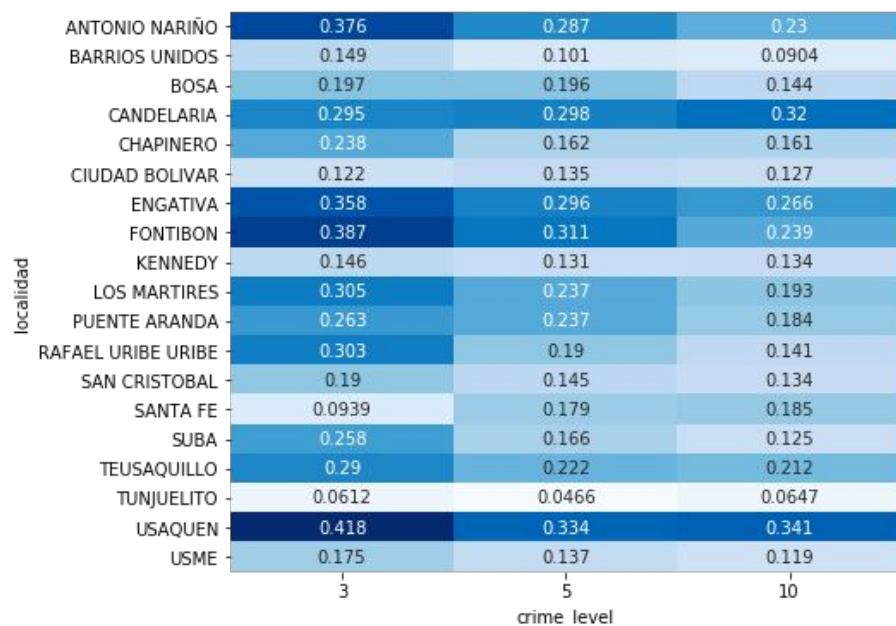
# Method

- Select rnmcc registers 2017-2018
- Remove outliers  $> q=0.99$
- Assign mean values for removed points
- Compare predictability values with the ones obtained on experiment 8.

# Predictability table by localidades

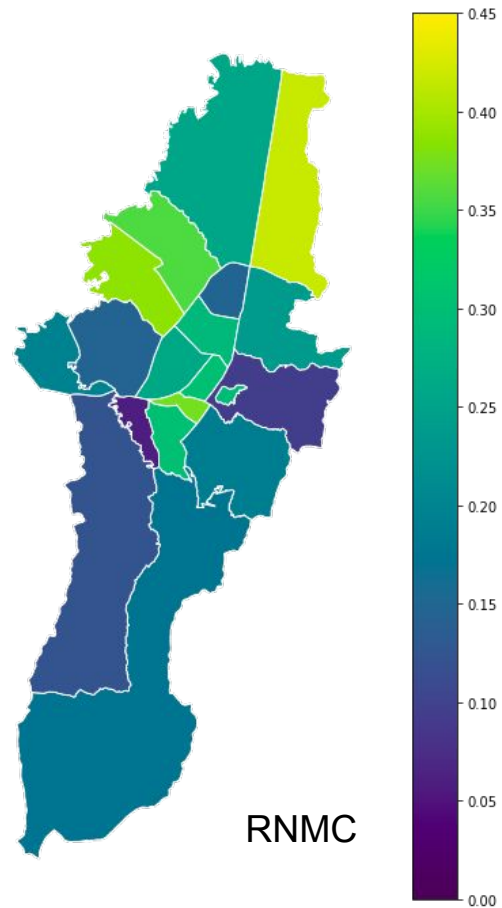
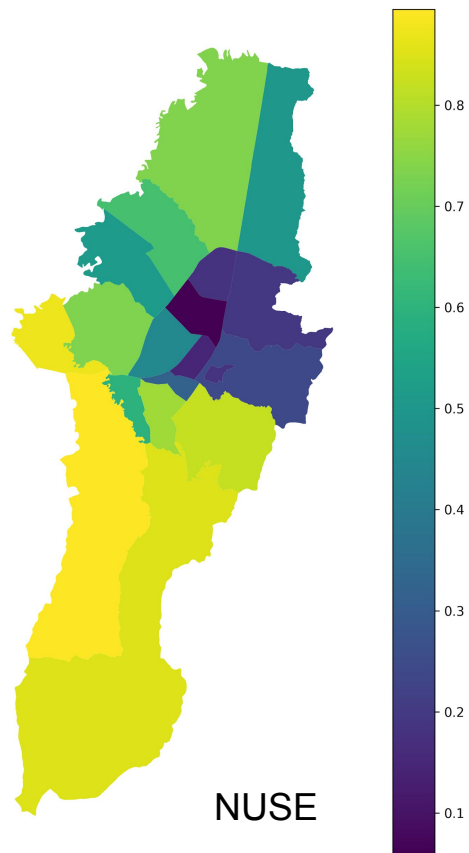


NUSE

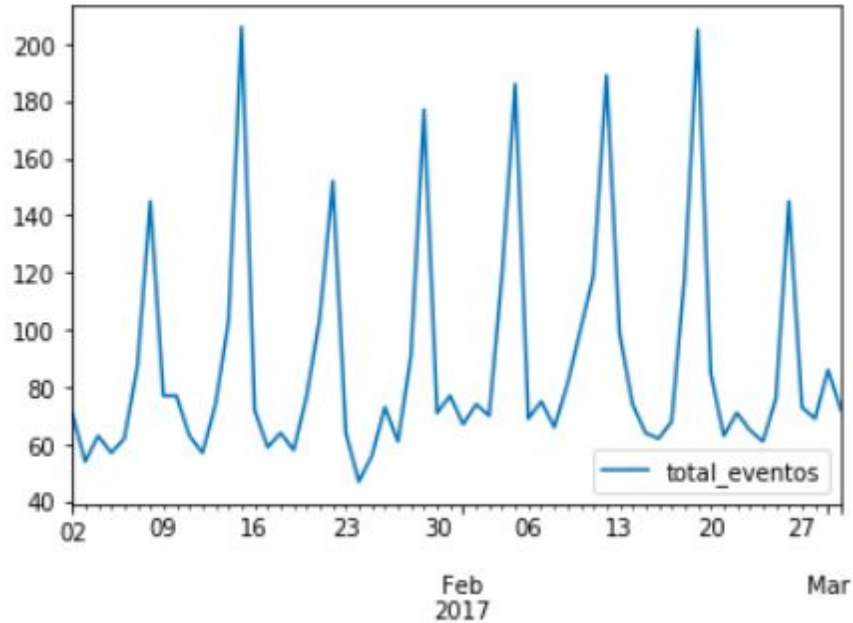


RNMC

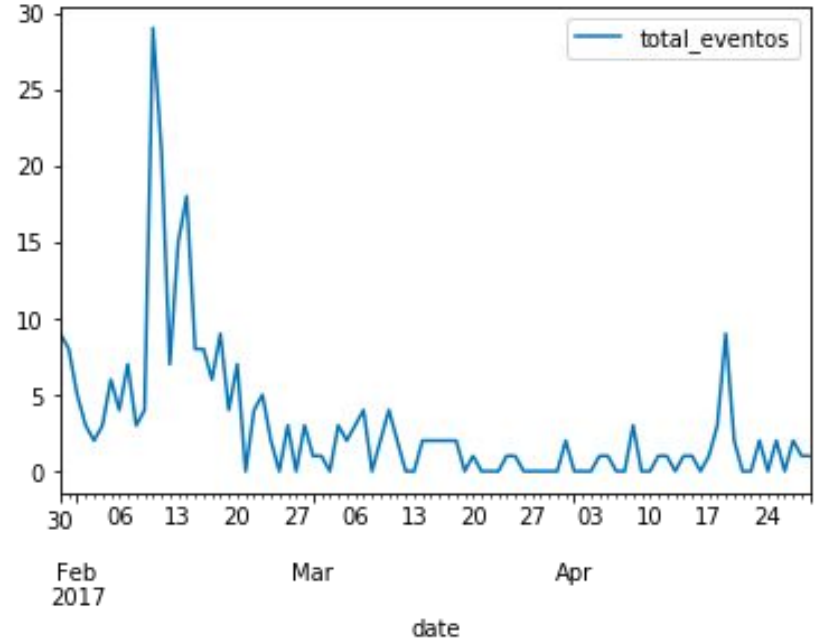
# Predictability map



# Ciudad Bolívar time series

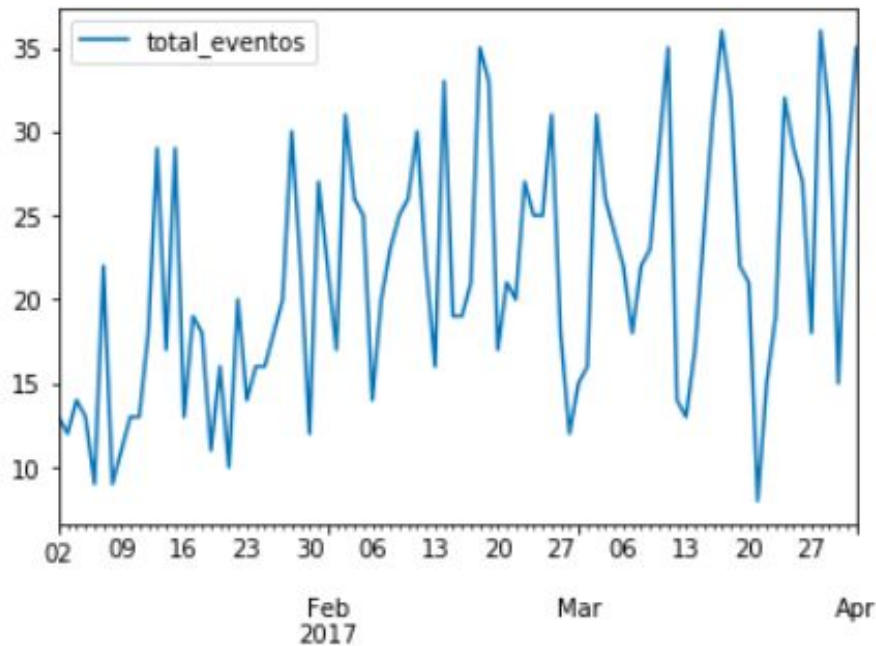


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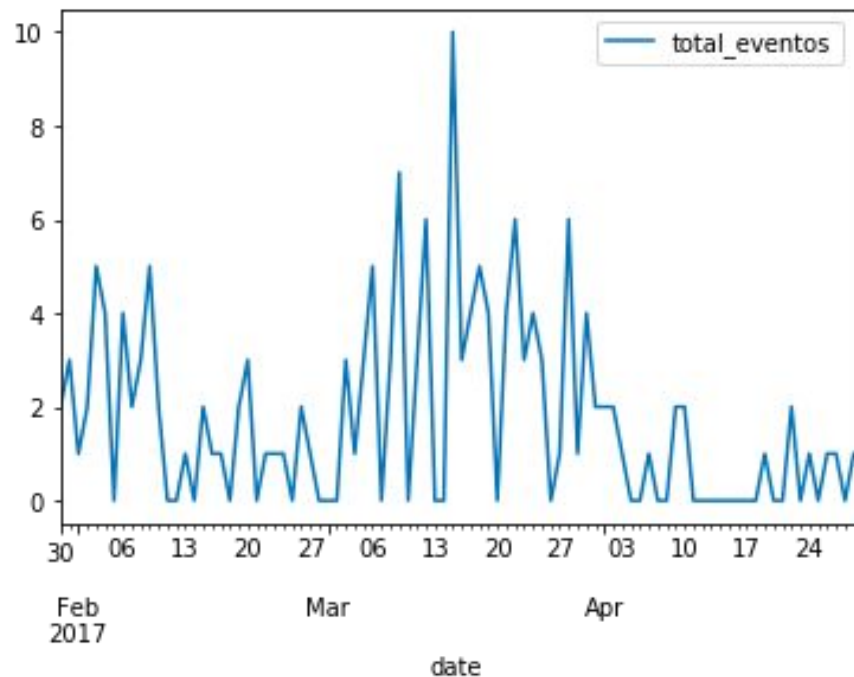


RNMC

# Teusaquillo time series



NUSE



RNMC

# Conclusions

- Predictability analysis by localidades using RNMC dataset doesn't match with the reported using NUSE dataset.
- Aggressive behavior penalty fees might be affected by other factors related to the penalty application dynamics (e.g. resources available to penalties application)
- Data quality regarding Colwell's methodology and time series analysis. High proportion of days without data (non-consecutive dates)