

correlation

August 14, 2022

0.1 Modify Data

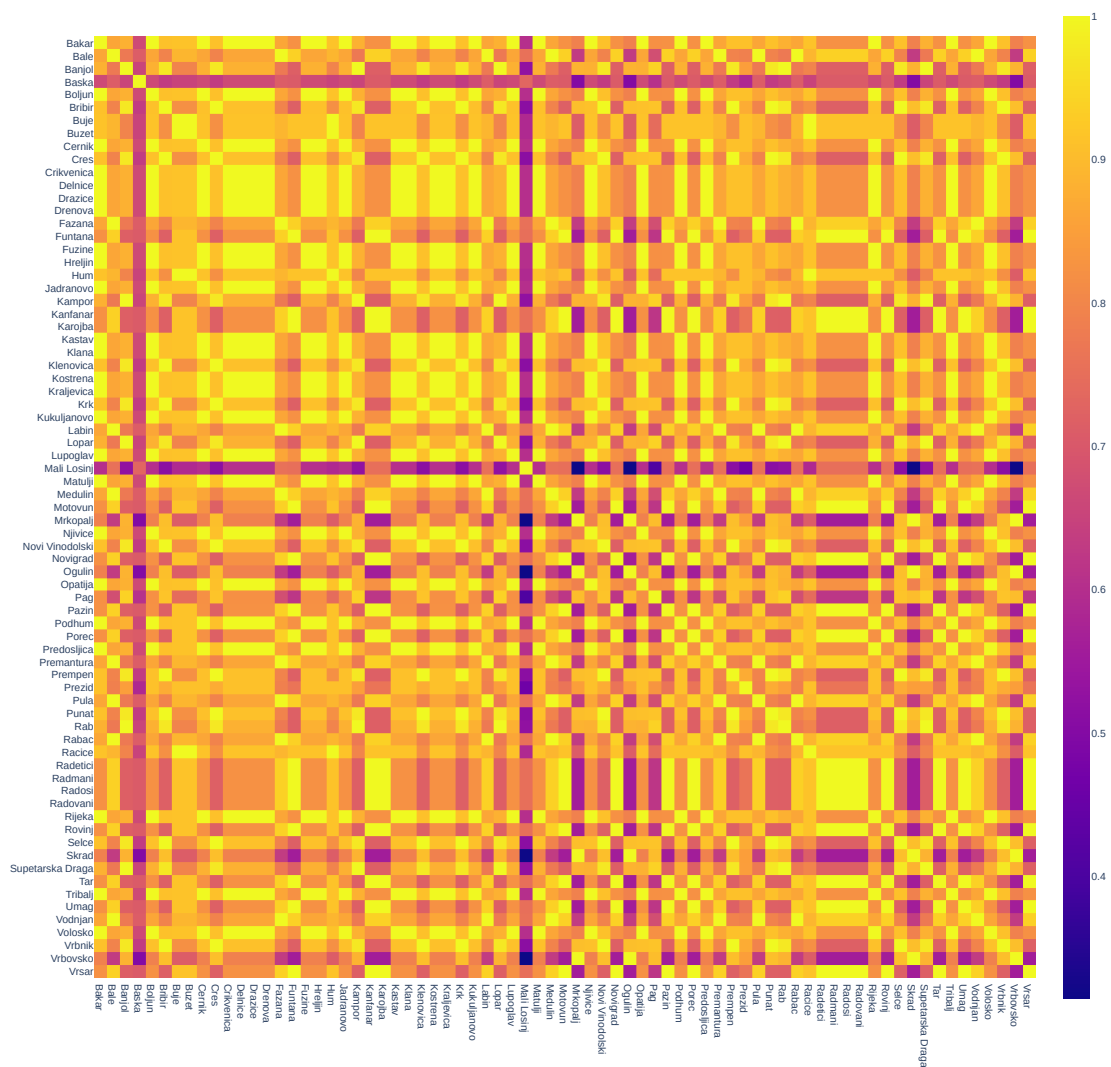
0.1.1 Create Merged .csv File with Data from All Cities

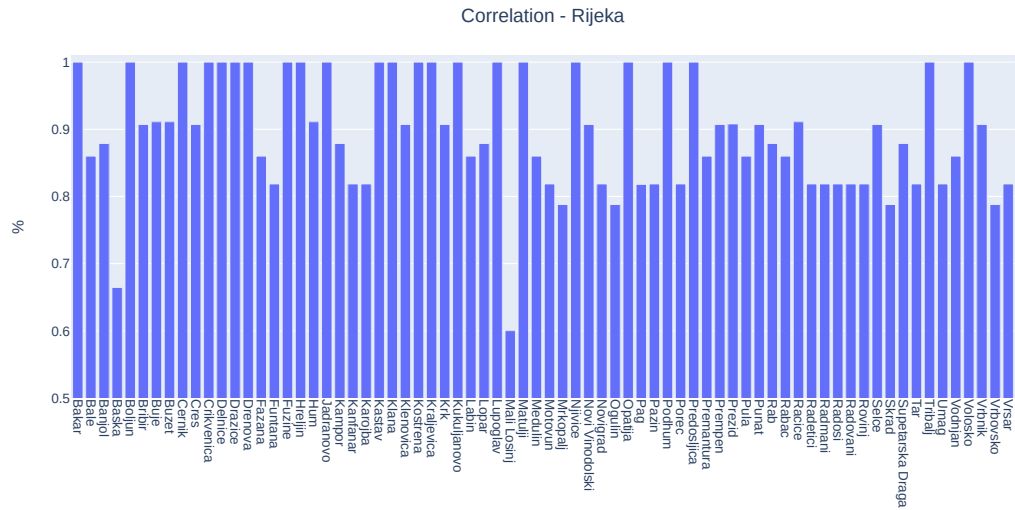
Data has already been processed

1 Correlation

Creating folder correlation_plots/columns-humidity
Correlation file does not exist.. Creating one...

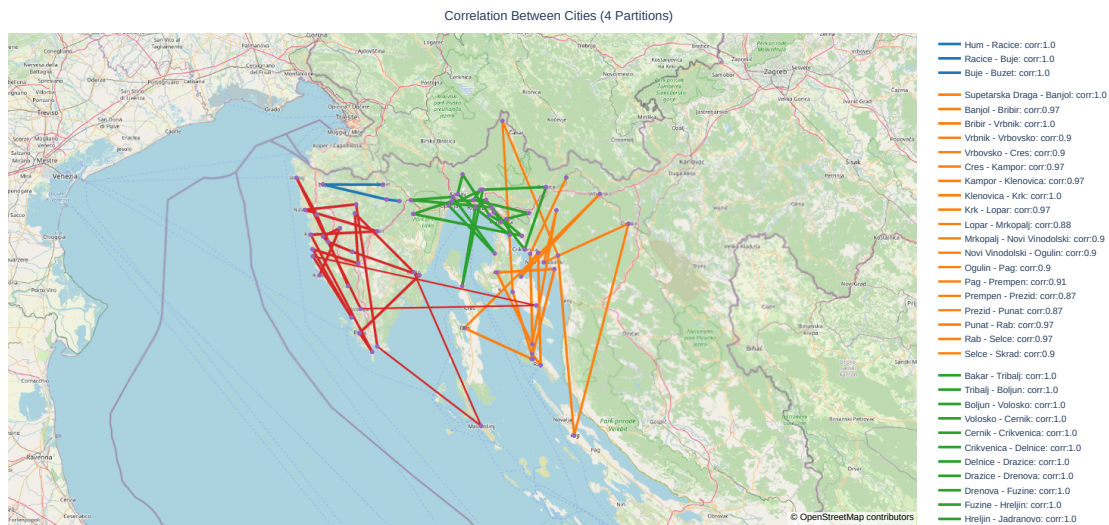
Correlation Matrix Analysis





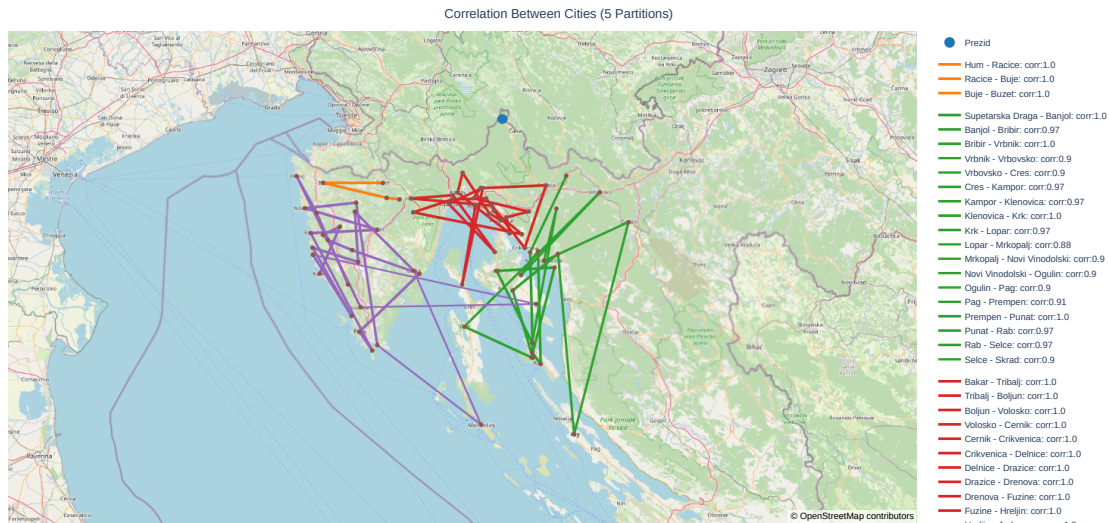
1.1 Correlation Map

```
Min communities: 4 -- Resoluton value: 1.0579999999999936
```



```
Min communities: 5 -- Resoluton value: 1.0709999999999922
```

There is a single element partition: Prezid



2 Export to HTML

```
<IPython.core.display.Javascript object>
```

```
[NbConvertApp] Converting notebook correlation.ipynb to HTML
[NbConvertApp] Writing 4496193 bytes to output/columns-humidity_correlation.html
[NbConvertApp] Converting notebook correlation.ipynb to pdf
/home/HDD/00-Development/016-Diplomski/venv/lib/python3.9/site-
packages/nbconvert/filters/datatypefilter.py:41: UserWarning: Your element with
mimetype(s) dict_keys(['text/html']) is not able to be represented.
warn(
[NbConvertApp] Support files will be in columns-humidity_correlation_files/
[NbConvertApp] Making directory ./columns-humidity_correlation_files
[NbConvertApp] Making directory ./columns-humidity_correlation_files
[NbConvertApp] Making directory ./columns-humidity_correlation_files
[NbConvertApp] Making directory ./columns-humidity_correlation_files
[NbConvertApp] Writing 69682 bytes to notebook.tex
[NbConvertApp] Building PDF
[NbConvertApp] Running xelatex 3 times: ['xelatex', 'notebook.tex', '-quiet']
[NbConvertApp] Running bibtex 1 time: ['bibtex', 'notebook']
[NbConvertApp] WARNING | bibtex had problems, most likely because there were no
citations
[NbConvertApp] PDF successfully created
[NbConvertApp] Writing 2120980 bytes to output/columns-humidity_correlation.pdf
[NbConvertApp] Converting notebook correlation.ipynb to HTML
[NbConvertApp] Writing 4424649 bytes to output/columns-
humidity_correlation_no_code.html
```