

correlation

August 14, 2022

0.1 Modify Data

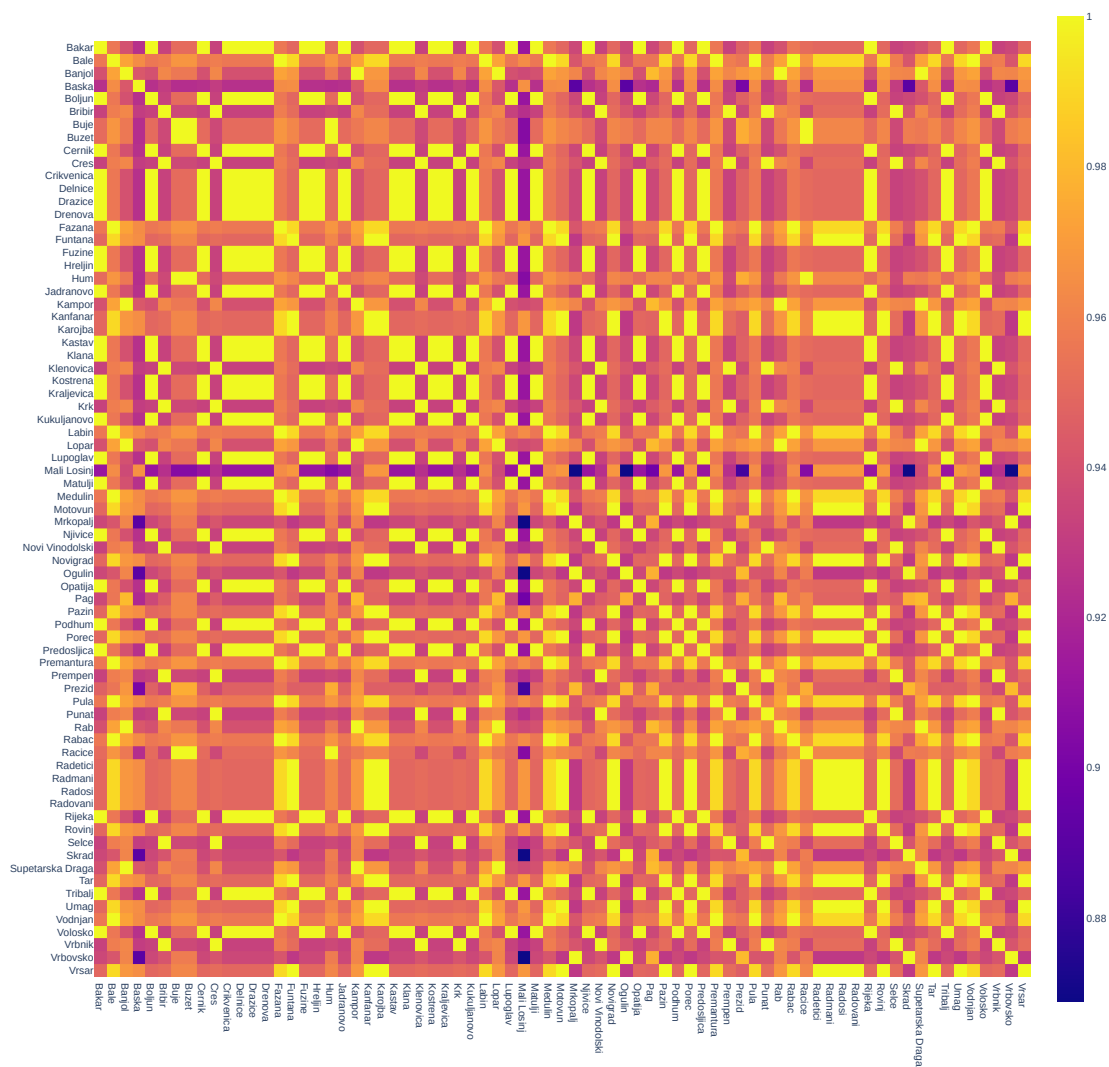
0.1.1 Create Merged .csv File with Data from All Cities

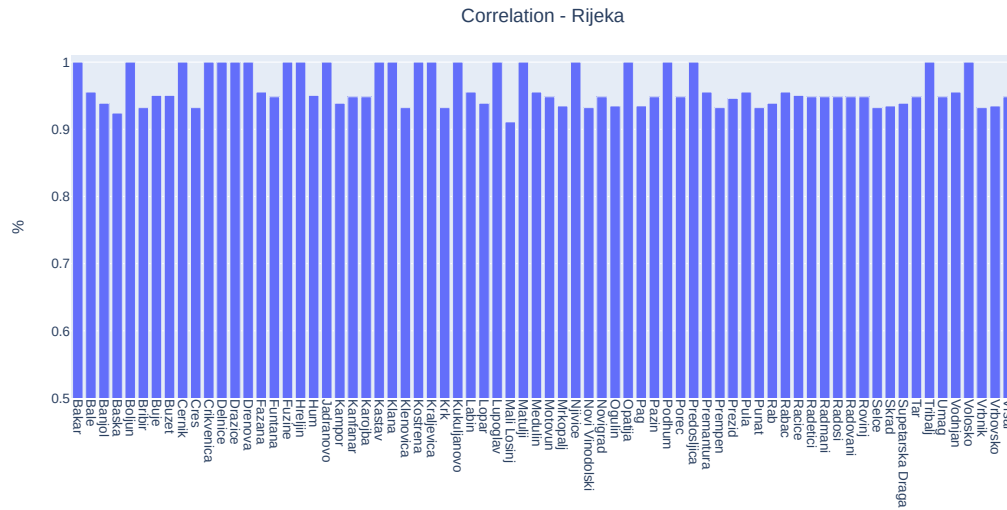
Data has already been processed

1 Correlation

Correlation file does not exist.. Creating one...

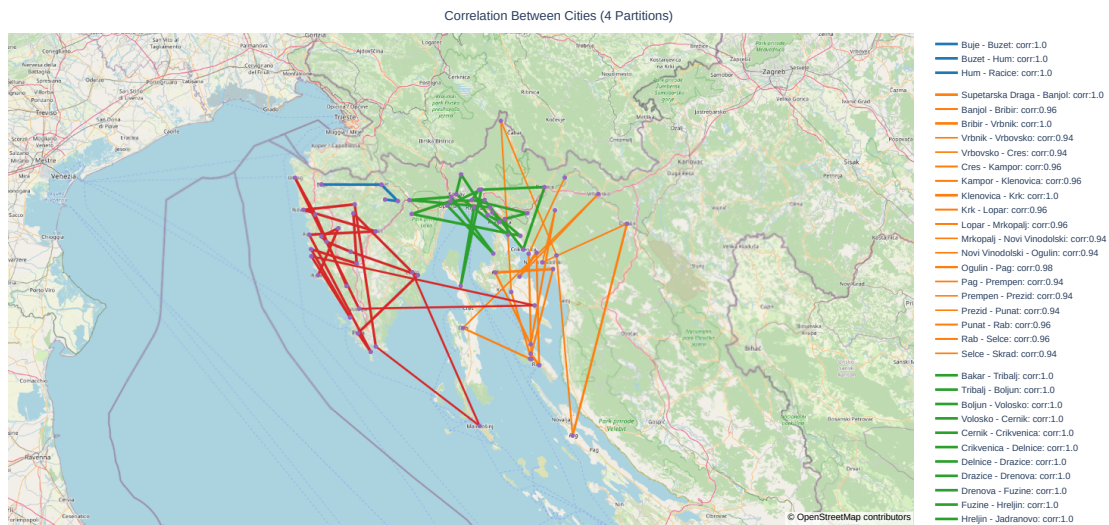
Correlation Matrix Analysis



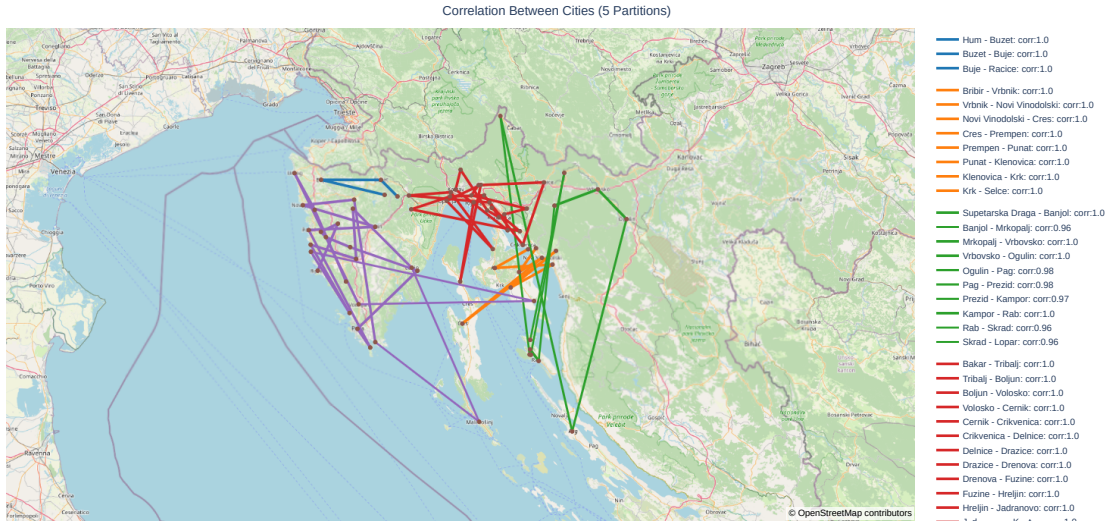


1.1 Correlation Map

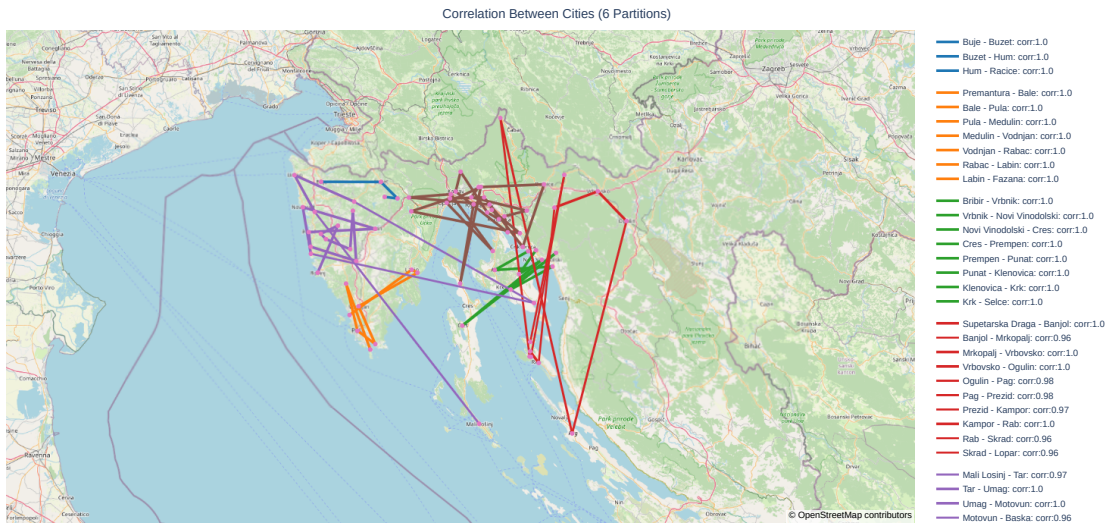
```
Min communities: 4 -- Resoluton value: 1.018999999999998
```



```
Min communities: 5 -- Resoluton value: 1.027999999999997
```



Min communities: 6 -- Resoluton value: 1.03199999999999965



2 Export to HTML

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

```
[NbConvertApp] Converting notebook correlation.ipynb to HTML
[NbConvertApp] Writing 4536207 bytes to output/columns-tempC_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-tempC_correlation_files/  
[NbConvertApp] Making directory ./columns-tempC_correlation_files  
[NbConvertApp] Making directory ./columns-tempC_correlation_files  
[NbConvertApp] Making directory ./columns-tempC_correlation_files  
[NbConvertApp] Making directory ./columns-tempC_correlation_files  
[NbConvertApp] Making directory ./columns-tempC_correlation_files  
[NbConvertApp] Writing 70415 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 3109658 bytes to output/columns-tempC_correlation.pdf  
[NbConvertApp] Converting notebook correlation.ipynb to HTML  
[NbConvertApp] Writing 4464066 bytes to output/columns-  
tempC_correlation_no_code.html
```