

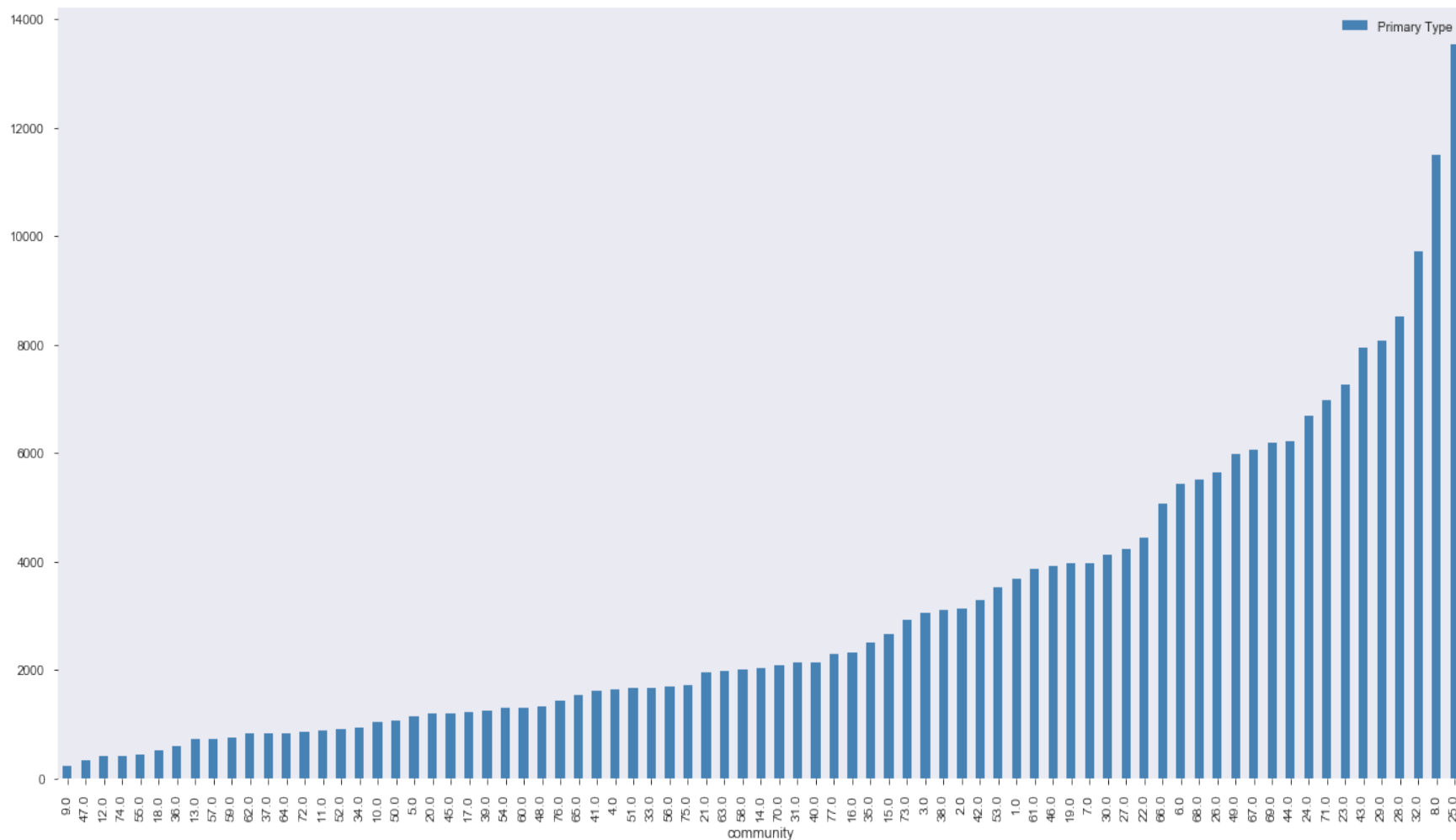
Rental Real Estate in Chicago 2019



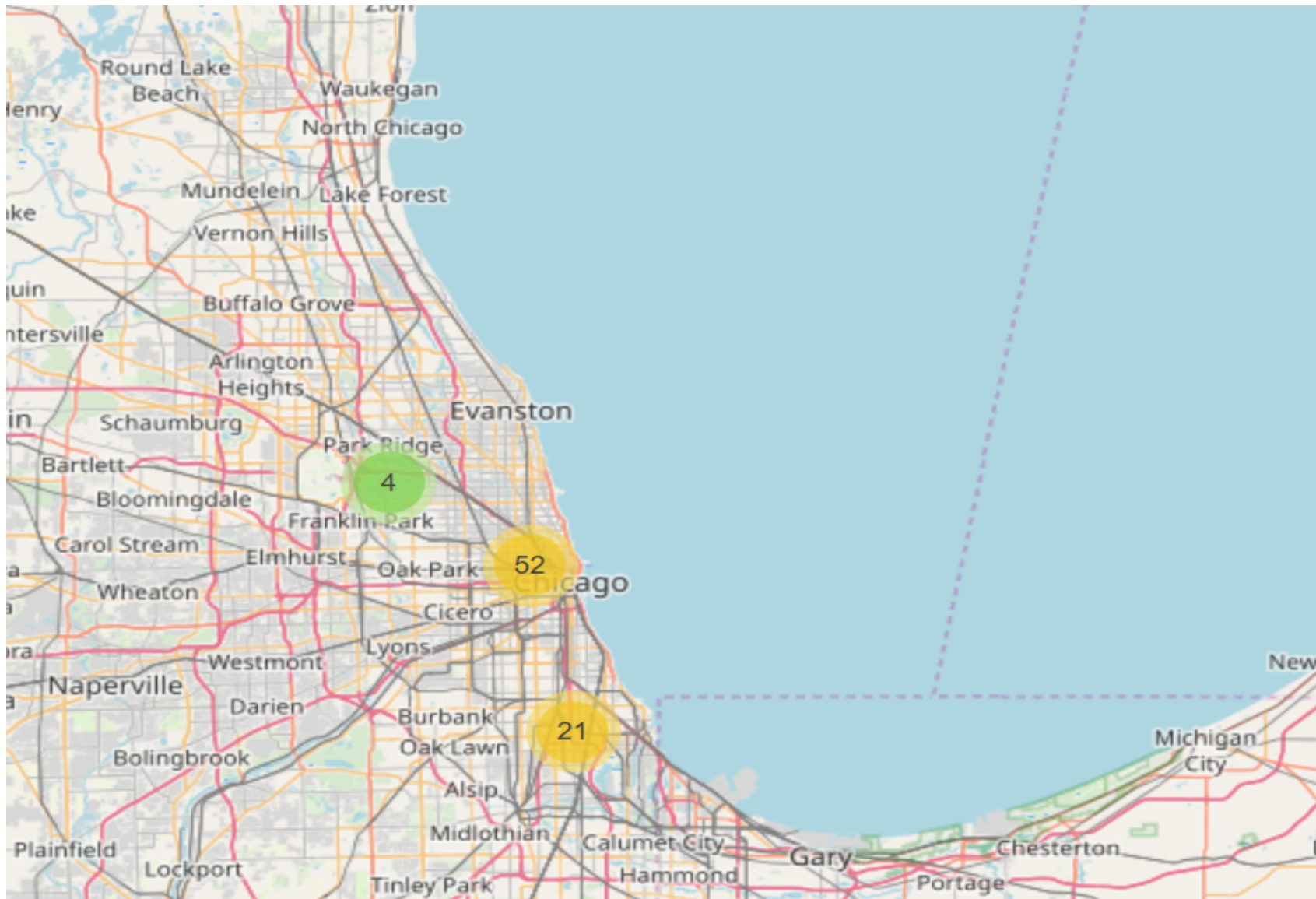
THEFT	56884
BATTERY	45826
CRIMINAL DAMAGE	24750
ASSAULT	19124
DECEPTIVE PRACTICE	16074
OTHER OFFENSE	15378
NARCOTICS	12929
BURGLARY	8810
MOTOR VEHICLE THEFT	8228
ROBBERY	7306
CRIMINAL TRESPASS	6337
WEAPONS VIOLATION	5844
OFFENSE INVOLVING CHILDREN	2136
CRIM SEXUAL ASSAULT	1470
INTERFERENCE WITH PUBLIC OFFICER	1442
PUBLIC PEACE VIOLATION	1442
SEX OFFENSE	1157
PROSTITUTION	639
HOMICIDE	470
ARSON	341
LIQUOR LAW VIOLATION	224
STALKING	205
CONCEALED CARRY LICENSE VIOLATION	204
KIDNAPPING	158
INTIMIDATION	156
GAMBLING	140
OBSCENITY	54
HUMAN TRAFFICKING	12
PUBLIC INDECENCY	9
OTHER NARCOTIC VIOLATION	7
NON-CRIMINAL	4

“Primary Type” Crime
activity for all 77
communities in
Chicago in 2019

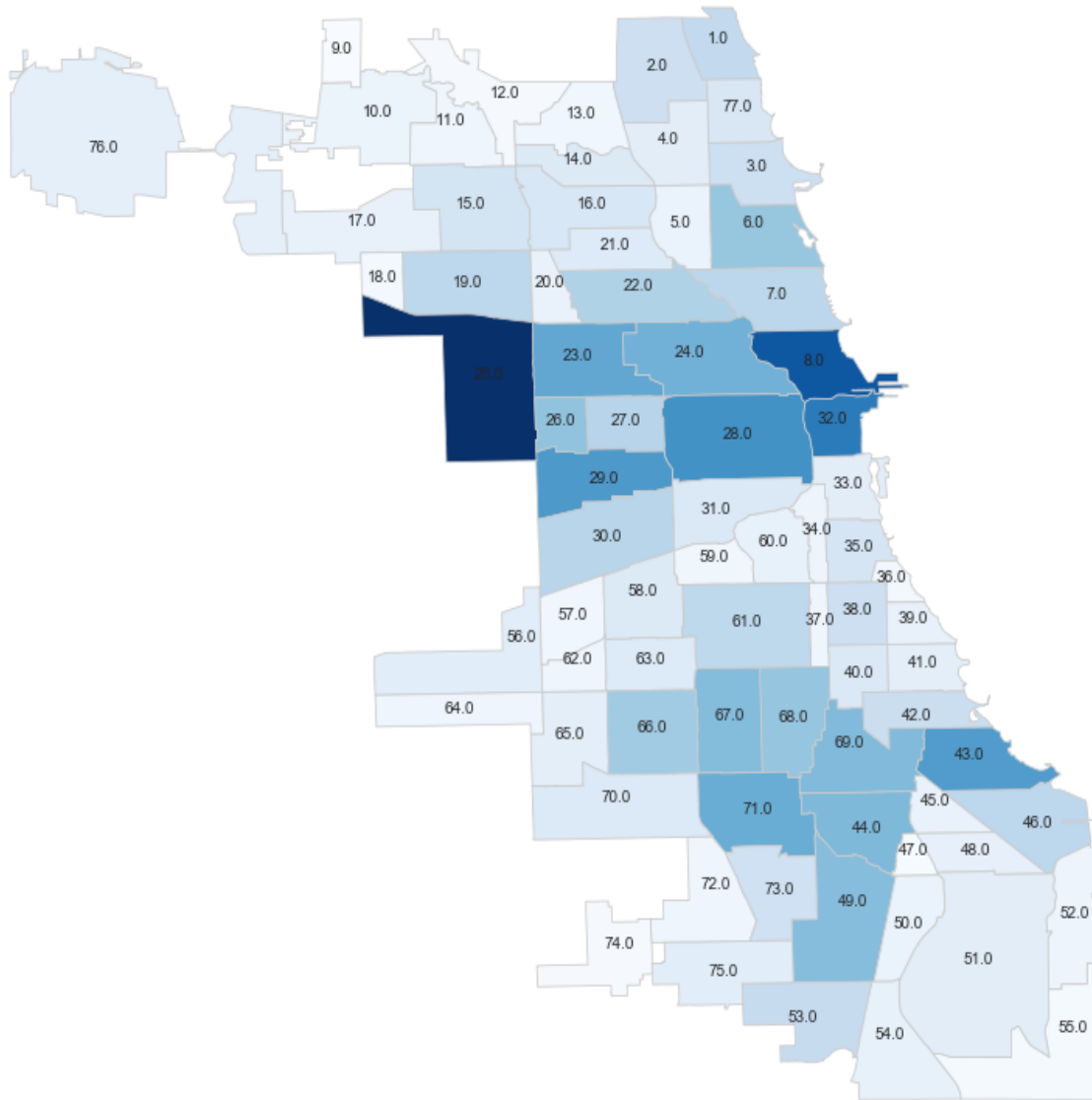
“Primary Type” per “Community”, sorted in ascending order by “Primary Type”; Each community is represented by its respective number



- Communities in Chicago grouped in three major clusters based on crime activity
numbers represent number of communities in each cluster



Chicago Crime Figures per Area



Choropleth map of
Chicago 77 communities,
crimes ranging
from 0-14,000



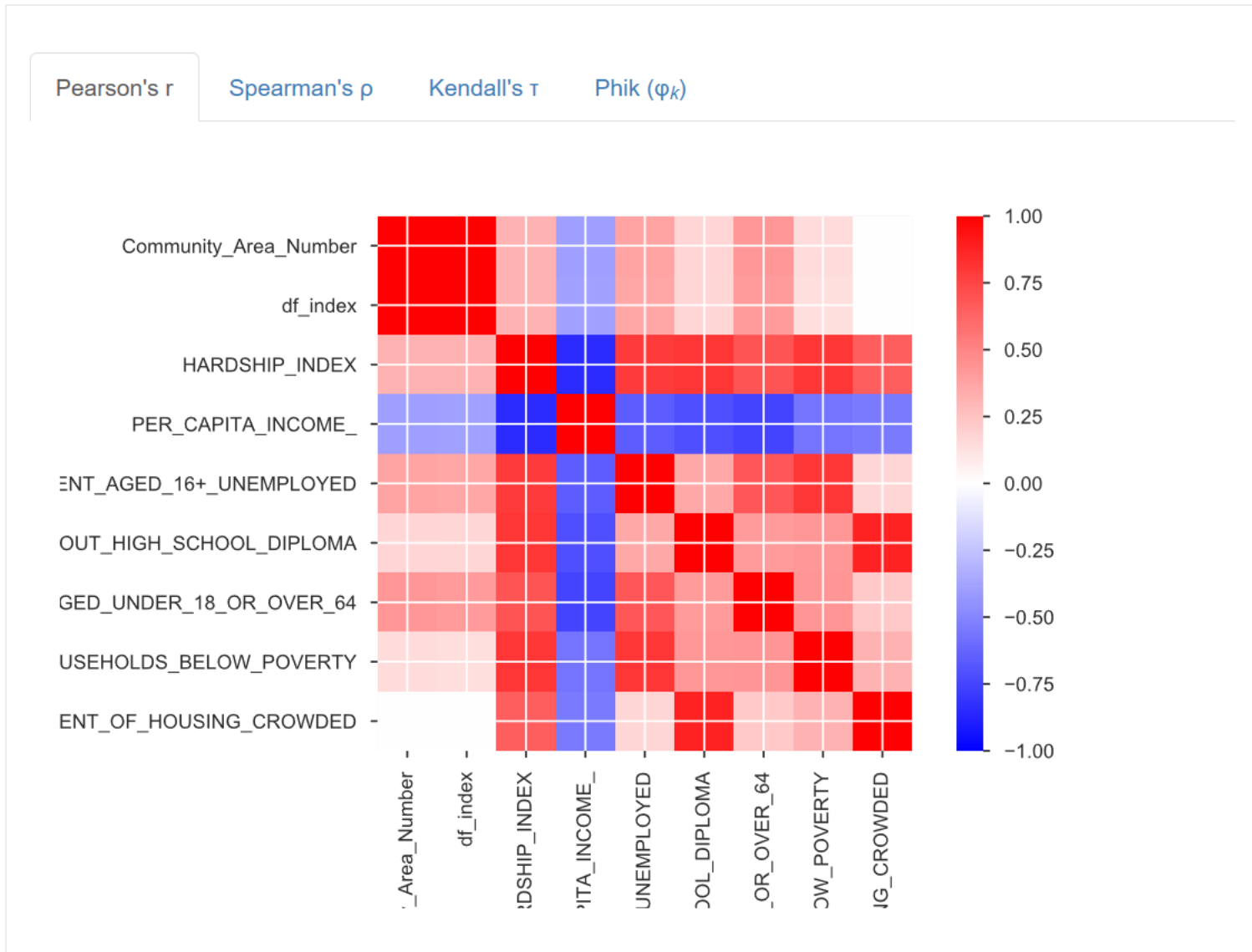
"Community Hardship" and "Percent aged 25+ without high school diploma" per "Community Area Number"

We see that the strongest correlations are pairs :

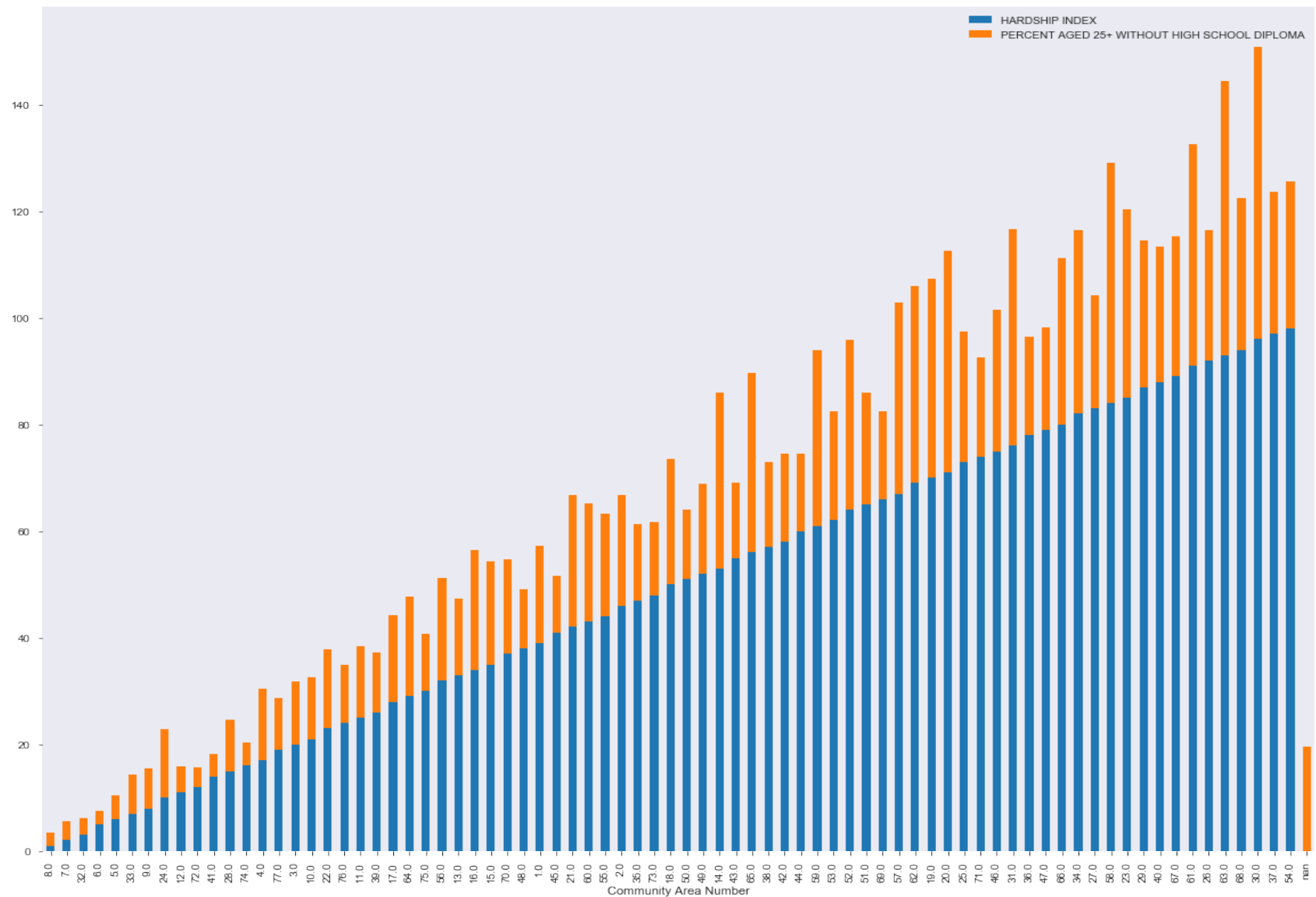
HARDSHIP INDEX / PERCENT HOUSEHOLDS BELOW POVERTY 0.803267
PERCENT AGED 25+ WITHOUT HIGH SCHOOL DIPLOMA / PERCENT OF HOUSING CROWDED 0.875959

	Community Area Number	PERCENT OF HOUSING CROWDED	PERCENT HOUSEHOLDS BELOW POVERTY	PERCENT AGED 16+ UNEMPLOYED	PERCENT AGED 25+ WITHOUT HIGH SCHOOL DIPLOMA	PERCENT AGED UNDER 18 OR OVER 64	PER CAPITA INCOME	HARDSHIP INDEX
Community Area Number	1.000000	0.002316	0.147414	0.376196	0.175969	0.428011	-0.398344	0.314853
PERCENT OF HOUSING CROWDED	0.002316	1.000000	0.319403	0.165299	0.875959	0.224692	-0.541730	0.649574
PERCENT HOUSEHOLDS BELOW POVERTY	0.147414	0.319403	1.000000	0.800084	0.424294	0.435894	-0.567025	0.803267
PERCENT AGED 16+ UNEMPLOYED	0.376196	0.165299	0.800084	1.000000	0.355518	0.676532	-0.656619	0.792294
PERCENT AGED 25+ WITHOUT HIGH SCHOOL DIPLOMA	0.175969	0.875959	0.424294	0.355518	1.000000	0.408878	-0.709770	0.802538
PERCENT AGED UNDER 18 OR OVER 64	0.428011	0.224692	0.435894	0.676532	0.408878	1.000000	-0.754844	0.690844
PER CAPITA INCOME	-0.398344	-0.541730	-0.567025	-0.656619	-0.709770	-0.754844	1.000000	-0.849167
HARDSHIP INDEX	0.314853	0.649574	0.803267	0.792294	0.802538	0.690844	-0.849167	1.000000

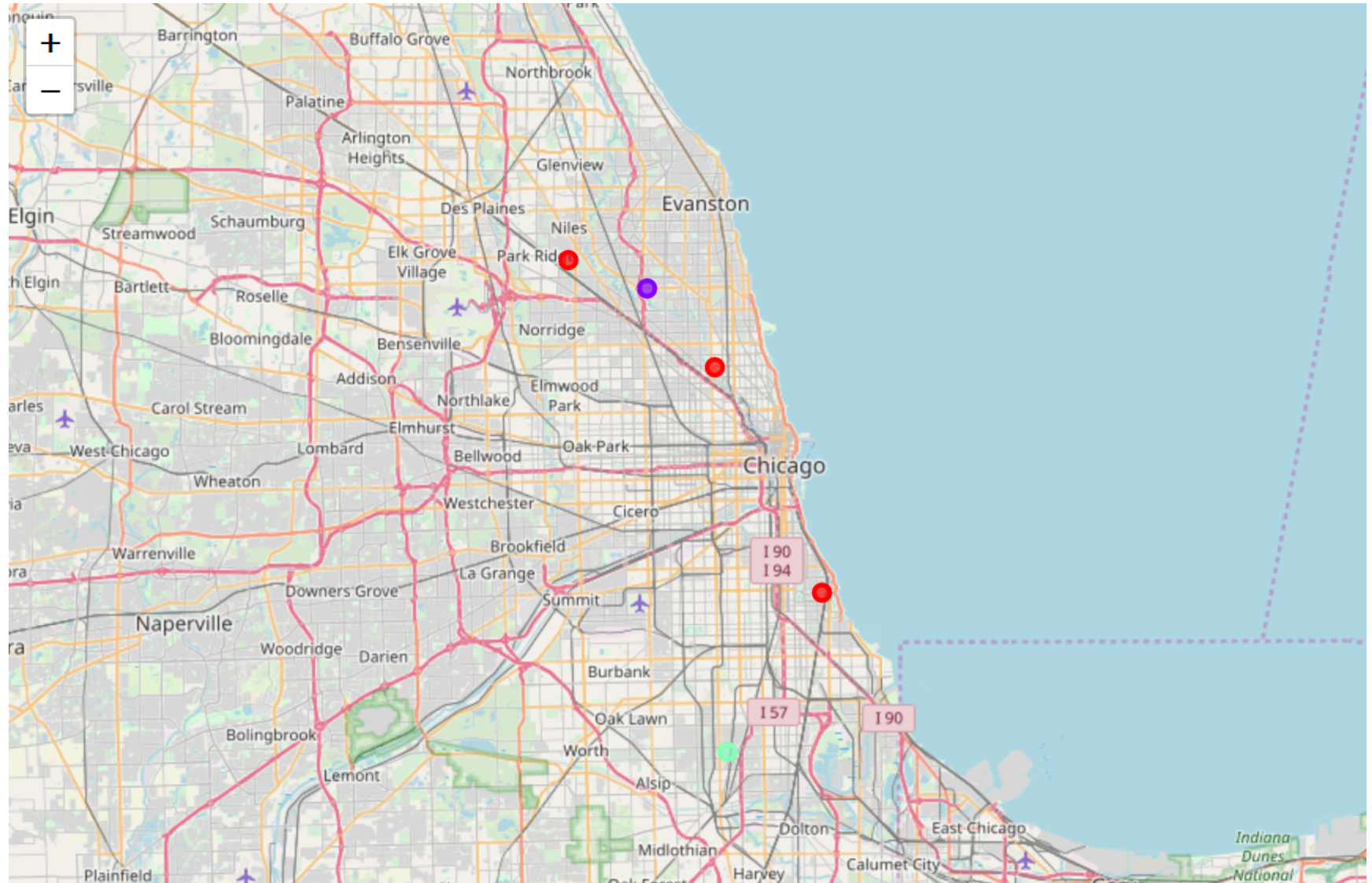
Pearson's r correlation heat map matrix



Correlation Bar Chart : "Community Area Number" versus "Hardship Index" and "Percent Aged 25+ Without High School Diploma"



Clusters of our candidates



	Neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
0	Beverly	Construction & Landscaping	Grocery Store	Train Station	Convenience Store	Gym	Furniture / Home Store	Frozen Yogurt Shop	French Restaurant	Fast Food Restaurant	Dog Run
1	Edison Park	Italian Restaurant	Bar	Chinese Restaurant	Park	Cuban Restaurant	Gym	Grocery Store	Furniture / Home Store	Frozen Yogurt Shop	French Restaurant
2	Forest Glen	Yoga Studio	Indian Restaurant	Gym	Grocery Store	Fast Food Restaurant	Mobile Phone Shop	Park	Furniture / Home Store	Frozen Yogurt Shop	French Restaurant
3	Hyde Park	Café	Sandwich Place	Bookstore	Yoga Studio	Pet Store	French Restaurant	Grocery Store	Coffee Shop	Wine Shop	Japanese Restaurant
4	North Center	Bar	Playground	Mexican Restaurant	Bus Station	Park	Pet Store	Wings Joint	Wine Shop	Gym / Fitness Center	Furniture / Home Store

Top ten venues per our candidate according to Foursquare

Sources

- 1. <https://www.choosechicago.com/plan-your-trip/getting-here/>