



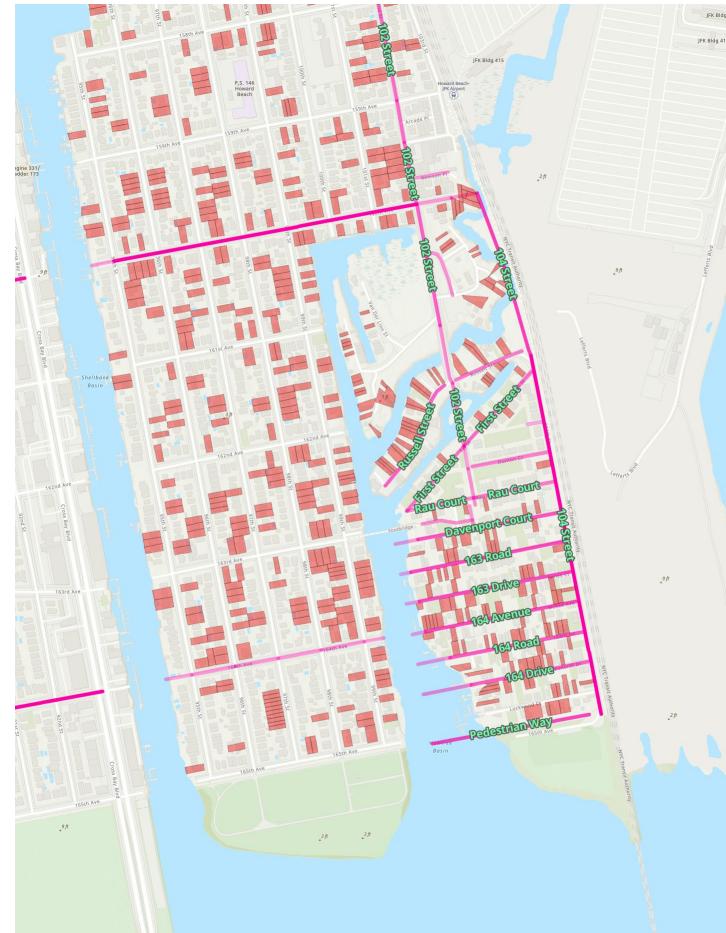
CLIMA

Ayush Sarkar

New York University: UGSRP

Center for Urban Science + Progress (CUSP)

Locations:

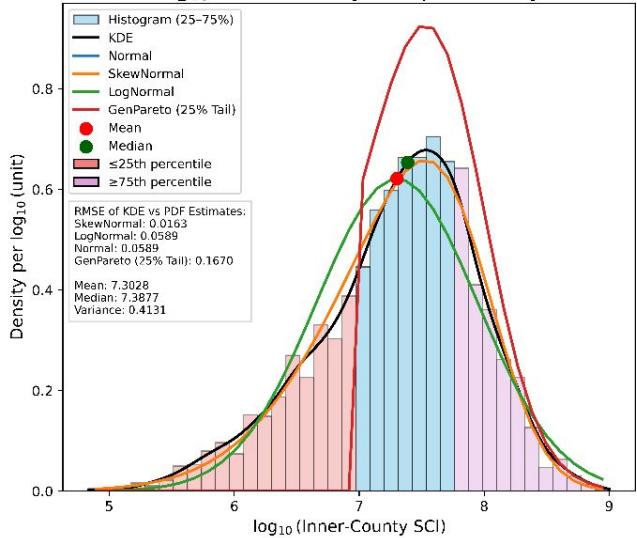


GEOID Type:	GEOIDS Included:	Network Type:	y	Linear Fit:	Confidence Interval:	Adj. R^2:	Averages:
County	3141	Total	Rescaled Cumulative Total Degree	$y = 0.972x + 0.019$	Exp: [0.967, 0.977] Intercept: [0.015, 0.024]	0.979	Rescaled Degree: 115,046,176 (Pop; Users): 106,879; 54,429
		Inner	Rescaled Cumulative Inner-Total Degree	$y = 1.062x - 0.013$	Exp: [1.052, 1.073] Intercept: [-0.022, -0.004]	0.925	Rescaled Degree: 35,816,319 (Pop; Users): 106,879; 54,429
		Outgoing	Rescaled Cumulative Outgoing-Total Degree	$y = 0.945x + 0.024$	Exp: [0.939, 0.950] Intercept: [0.020, 0.029]	0.975	Rescaled Degree: 79,229,857 (Pop; Users): 106,879; 54,429
CBSA	917	Total	Rescaled Cumulative Total Degree	$y = 0.979x + 0.009$	Exp: [0.967, 0.990] Intercept: [0.000, 0.017]	0.969	Rescaled Degree: 369,646,071 (Pop; Users): 345,975; 175,799
		Inner	Rescaled Cumu. Inner-Total Degree	$y = 1.064x - 0.065$	Exp: [1.046, 1.082] Intercept: [-0.079, -0.051]	0.937	Rescaled Degree: 166,674,627 (Pop; Users): 345,975; 175,799
		Outgoing	Rescaled Cumu. Outgoing-Total Degree	$y = 0.924x + 0.047$	Exp: [0.913, 0.936] Intercept: [0.039, 0.056]	0.966	Rescaled Degree: 202,971,443 (Pop; Users): 345,975; 175,799
MSA	381	Total	Rescaled Cumulative Total Degree	$y = 0.982x + 0.006$	Exp: [0.962, 1.002] Intercept: [-0.006, 0.017]	0.962	Rescaled Degree: 806,430,257 (Pop; Users): 760,791; 385,411
		Inner	Rescaled Cumulative Inner-Total Degree	$y = 1.082x - 0.048$	Exp: [1.049, 1.114] Intercept: [-0.067, -0.028]	0.919	Rescaled Degree: 372,823,802 (Pop; Users): 760,791; 385,411
		Outgoing	Rescaled Cumulative Outgoing-Total Degree	$y = 0.914x + 0.033$	Exp: [0.894, 0.933] Intercept: [0.021, 0.045]	0.958	Rescaled Degree: 433,696,455 (Pop; Users): 760,791; 385,411
muSA	536	Total	Rescaled Cumulative Total Degree	$y = 0.969x - 0.009$	Exp: [0.931, 1.007] Intercept: [-0.018, 0.000]	0.821	Rescaled Degree: 59,170,744 (Pop; Users): 51,115; 26,802
		Inner	Rescaled Cumulative Inner-Total Degree	$y = 1.054x - 0.029$	Exp: [0.994, 1.113] Intercept: [-0.042, -0.016]	0.694	Rescaled Degree: 20,139,486 (Pop; Users): 51,115; 26,802
		Outgoing	Rescaled Cumulative Outgoing-Total Degree	$y = 0.921x - 0.007$	Exp: [0.883, 0.960] Intercept: [-0.016, 0.002]	0.805	Rescaled Degree: 39,031,258 (Pop; Users): 51,115; 26,802

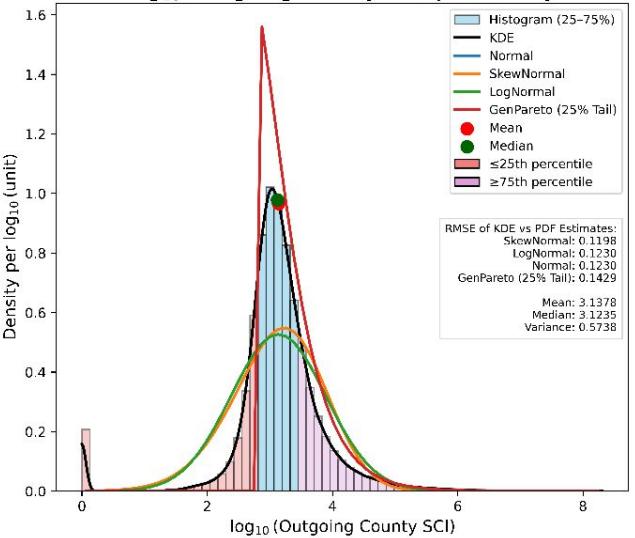
Social Connectedness Index Plots

- Histograms

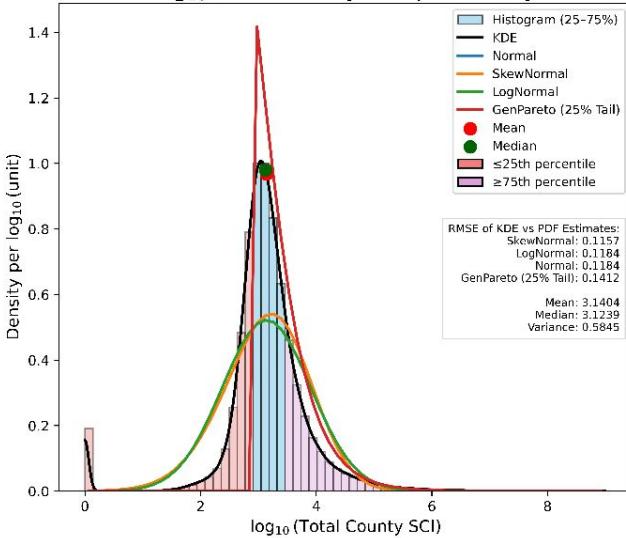
\log_{10} (Inner-County SCI) per County



\log_{10} (Outgoing County SCI) per County



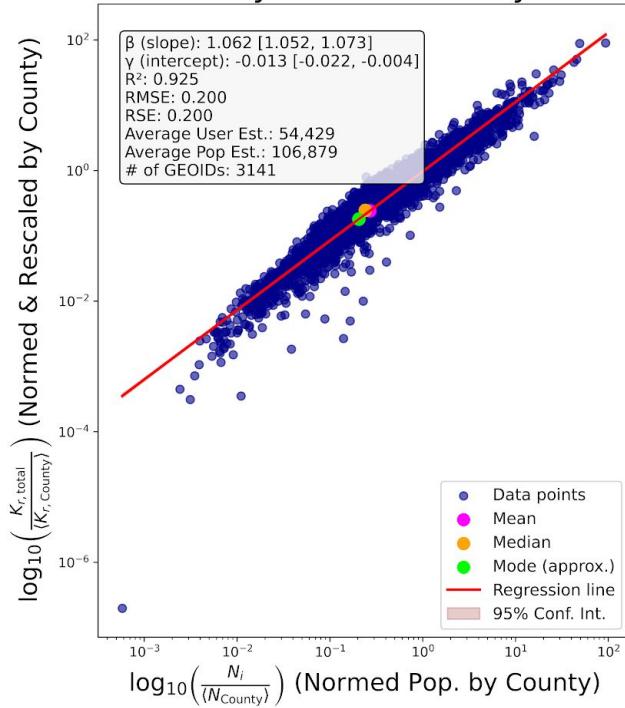
\log_{10} (Total County SCI) per County



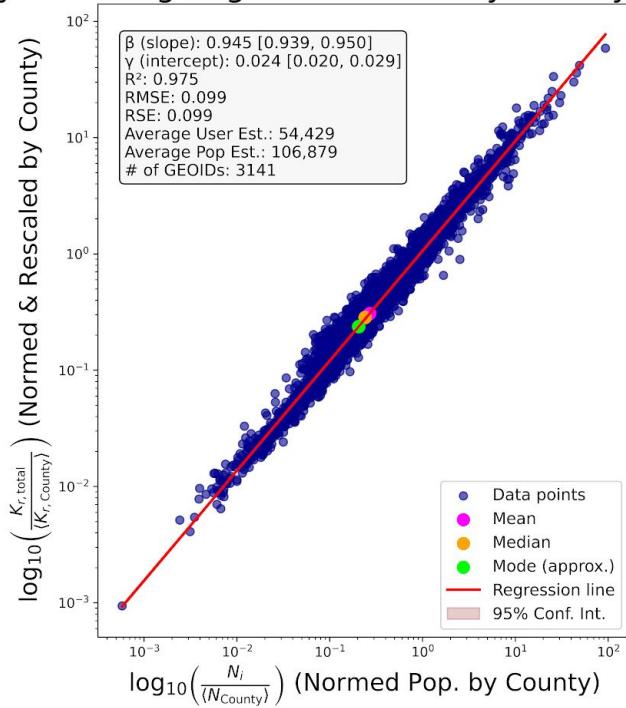
County Plots

-
- Regressions
 - Histograms
 - Choropleths

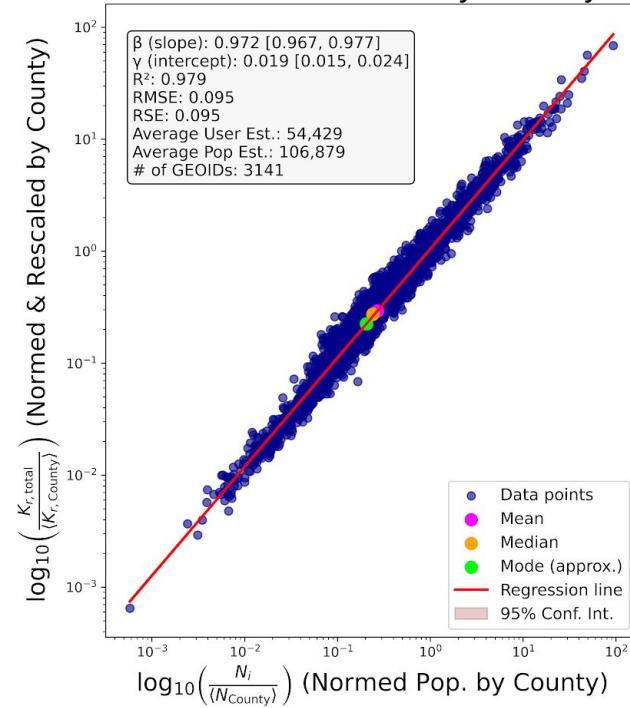
Inter-County Connections by County

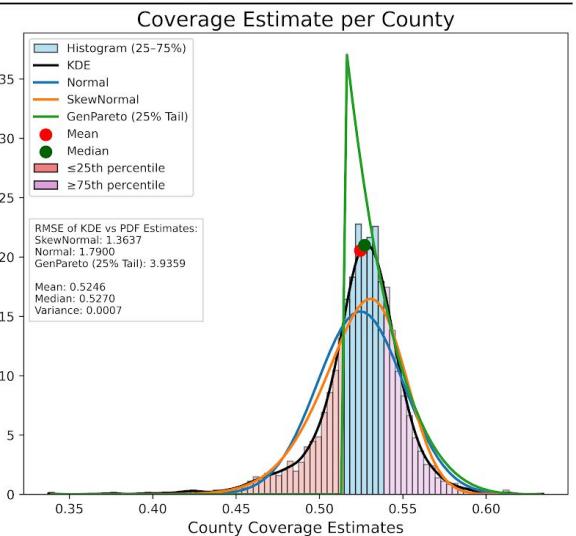
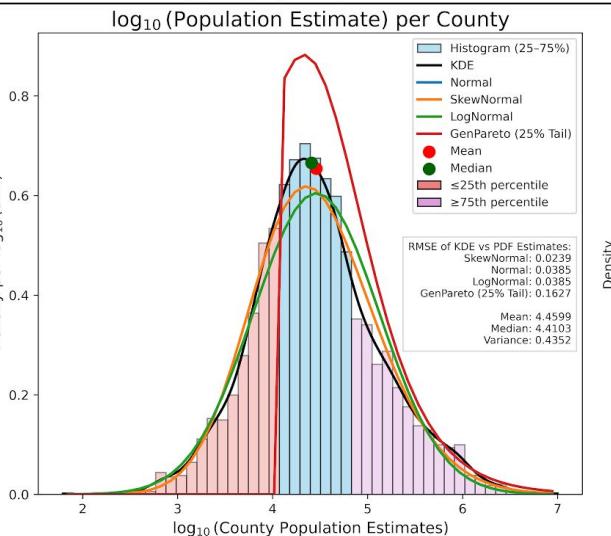
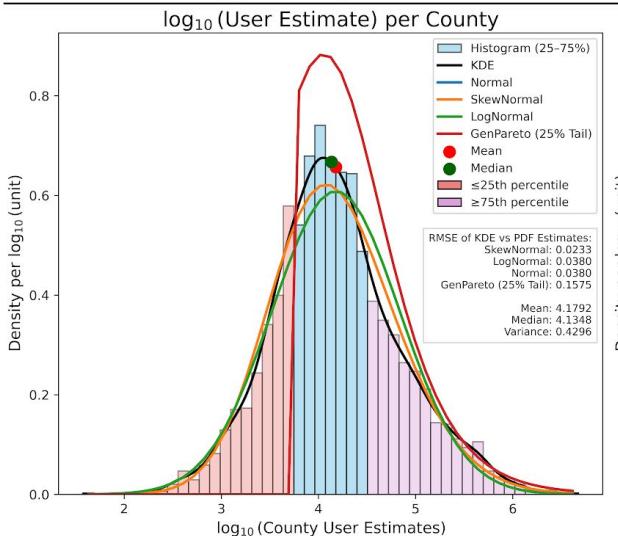
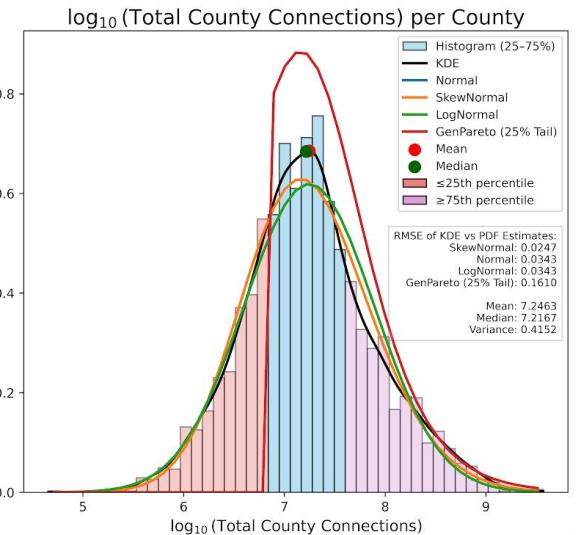
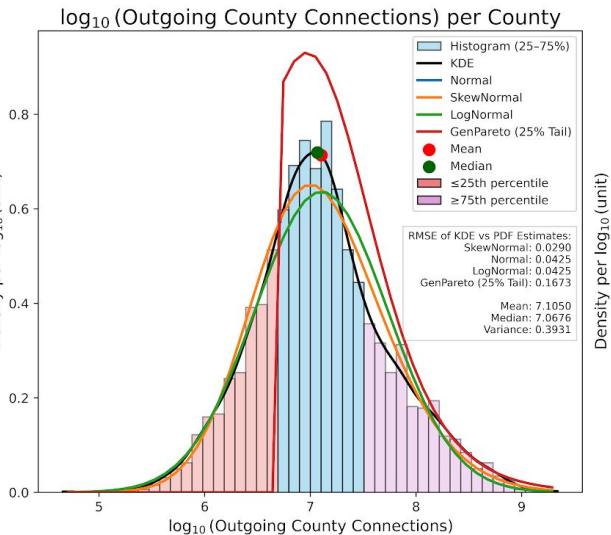
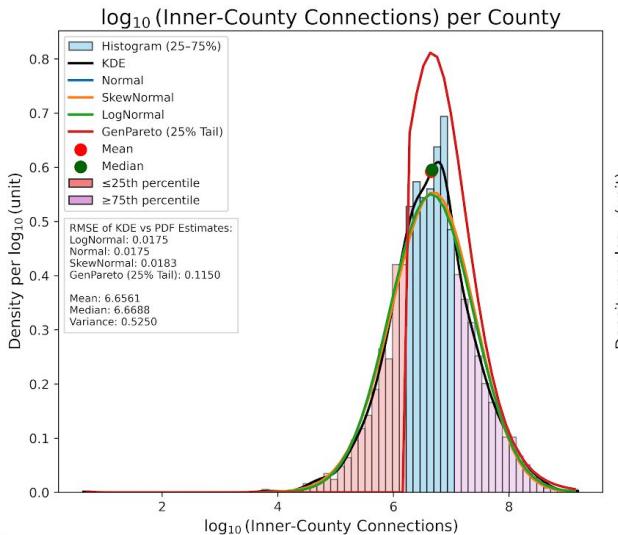


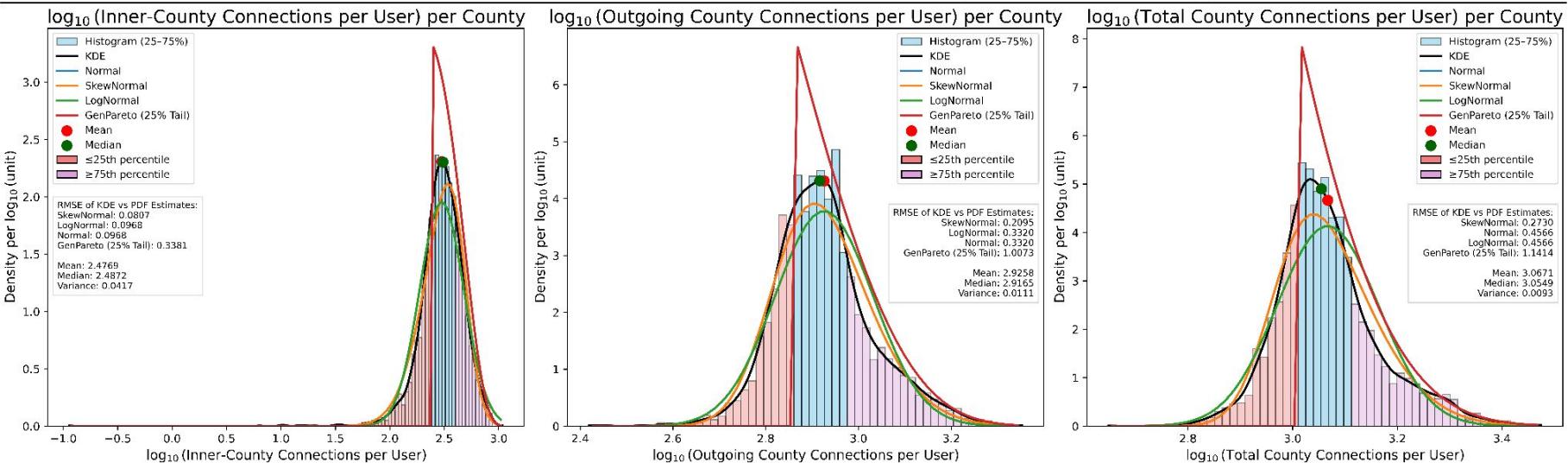
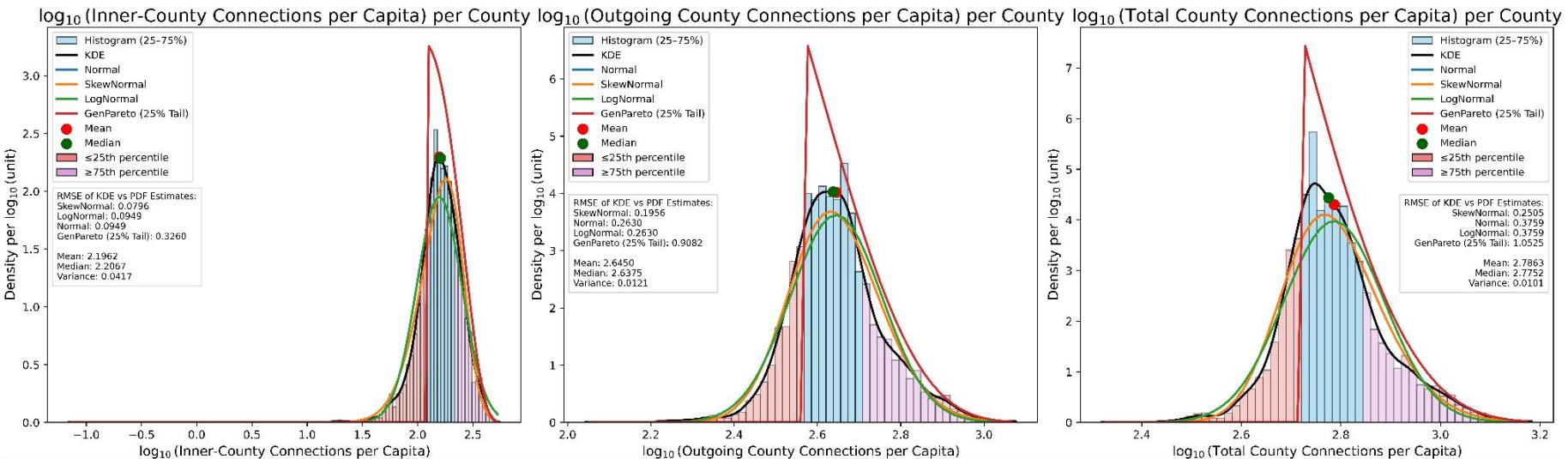
Outgoing Connections by County



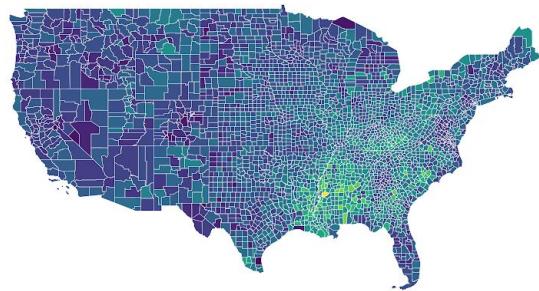
Total Connections by County







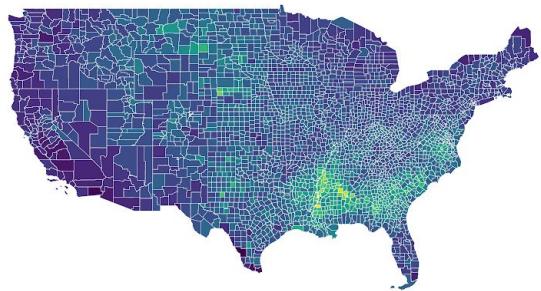
Inner-County Connections per User



0.11 270 541 811 1082

County User Count Estimates

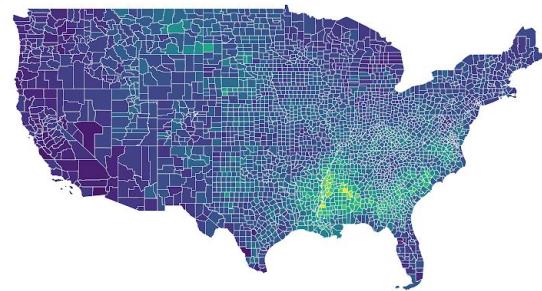
Outgoing County Connections per User



262 759 1255 1752 2249

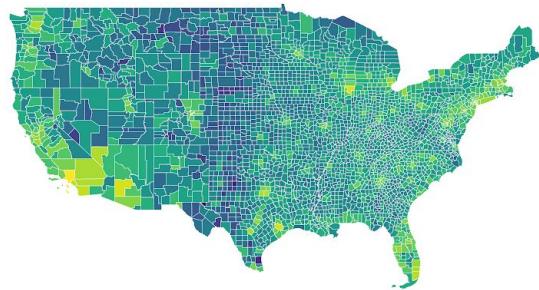
County Population Estimates

Total County Connections per User

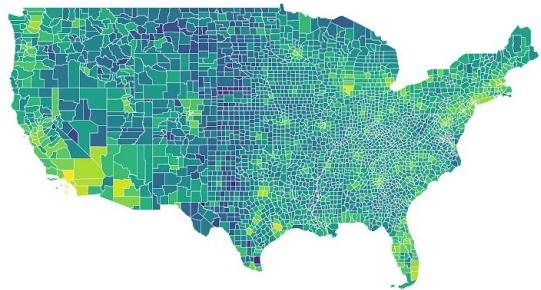


444 1079 1714 2349 2984

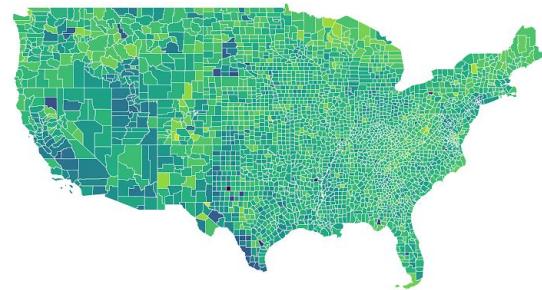
County Coverage Estimates



1,000 100,000

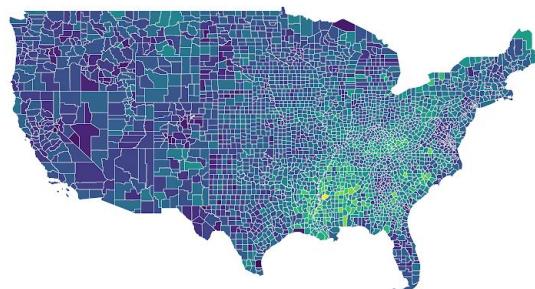


1,000 100,000

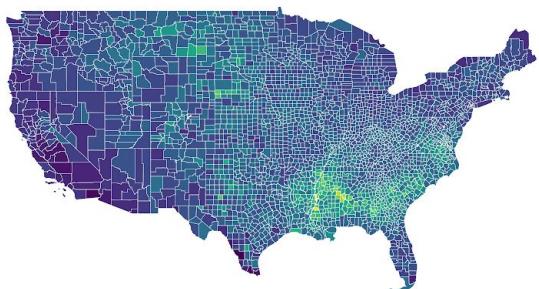


0.34 0.41 0.49 0.56 0.63

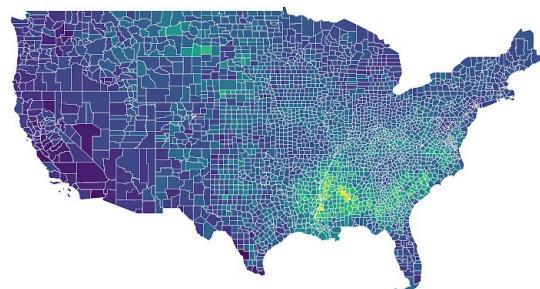
Inter-County Connections per Capita



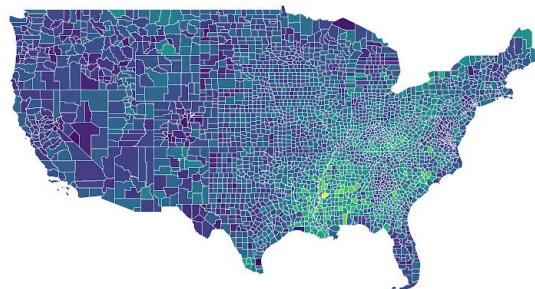
Outgoing County Connections per Capita



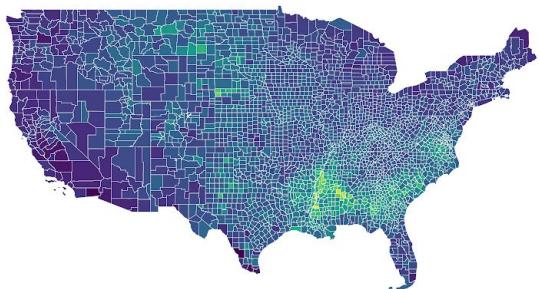
Total County Connections per Capita



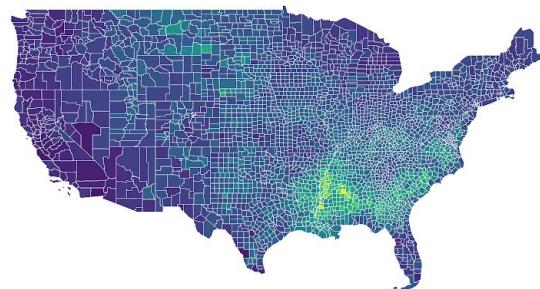
Inner-County Connections per User



Outgoing County Connections per User



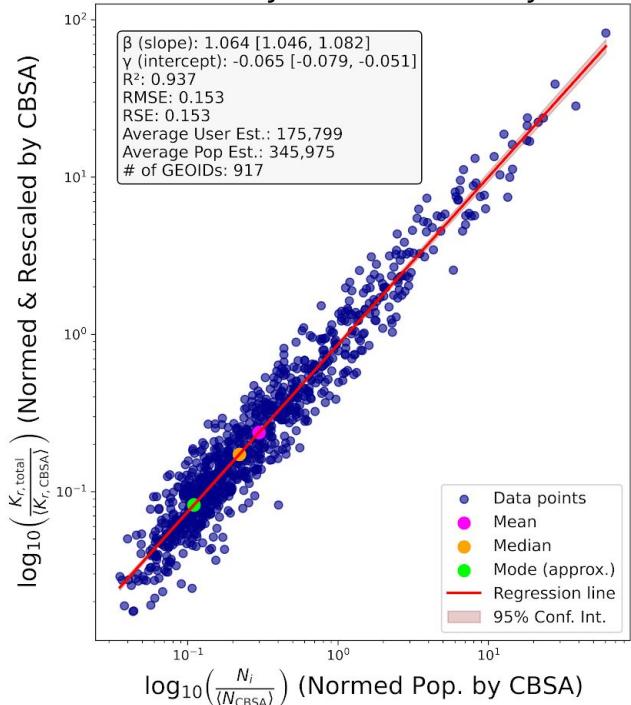
Total County Connections per User



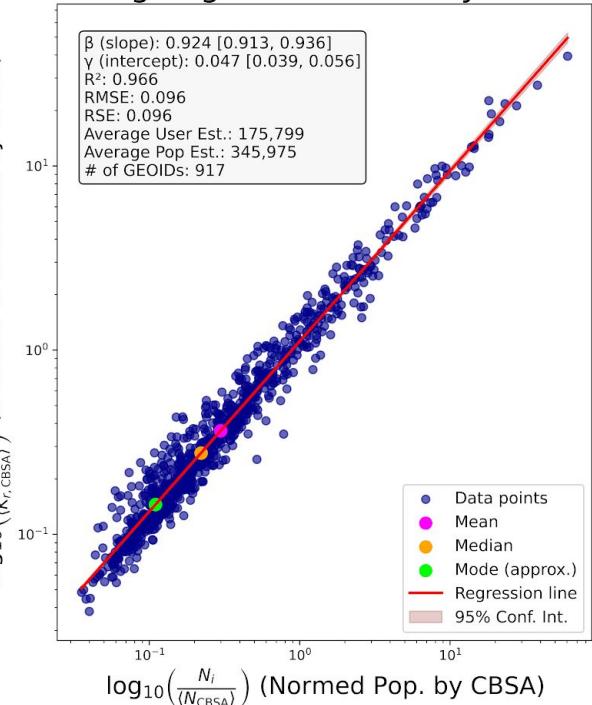
CBSA Plots

-
- Regressions
 - Histograms

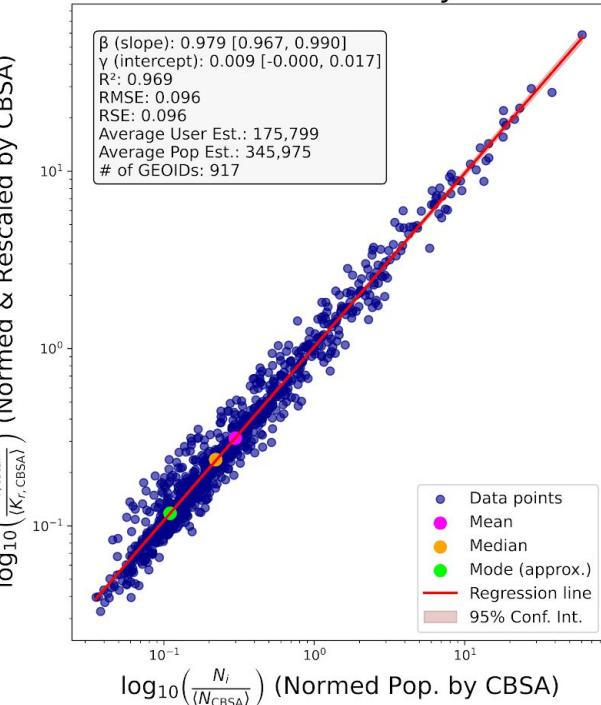
Inter-County Connections by CBSA

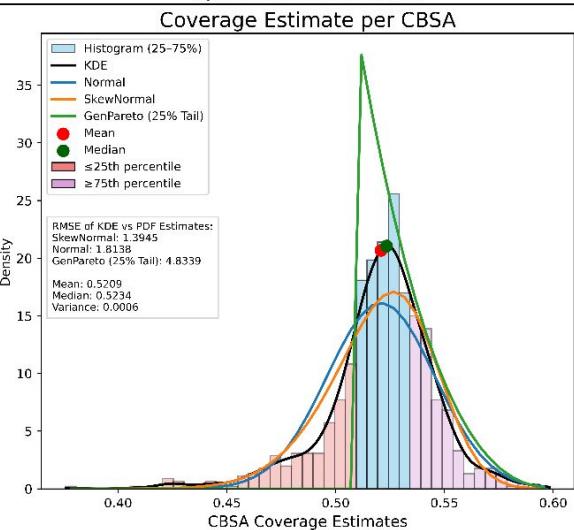
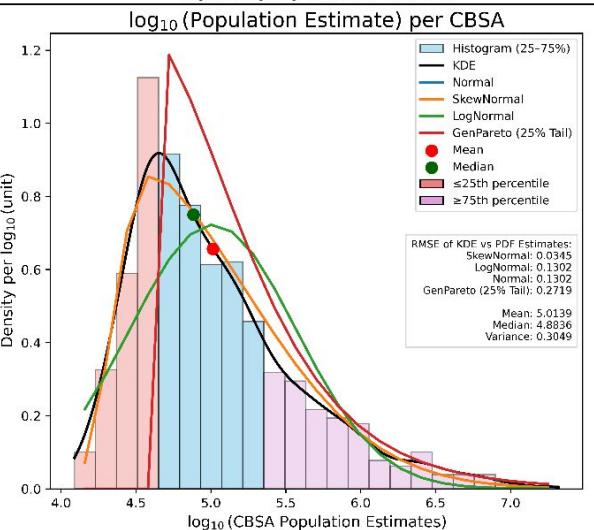
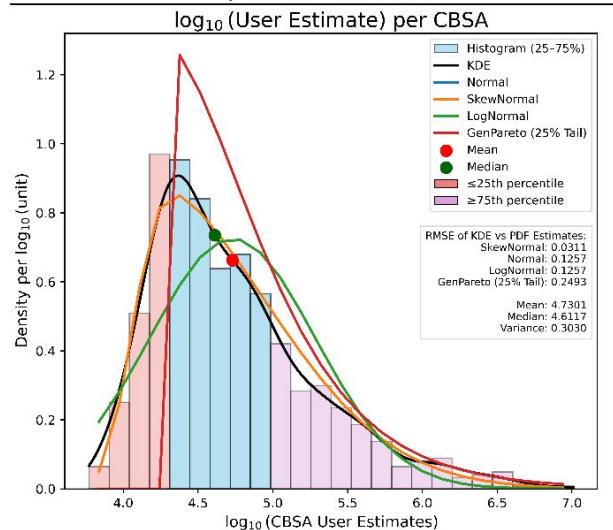
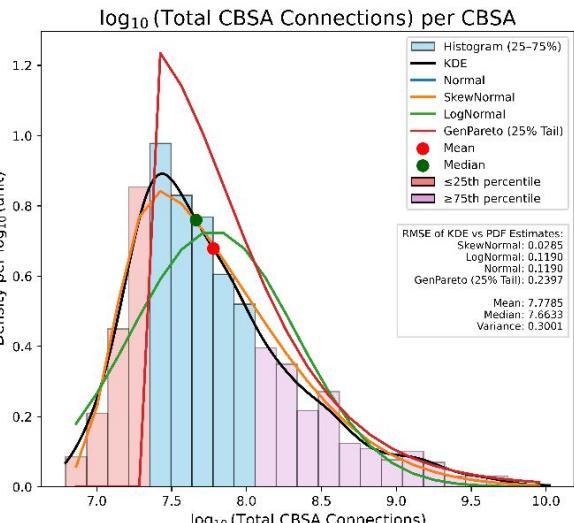
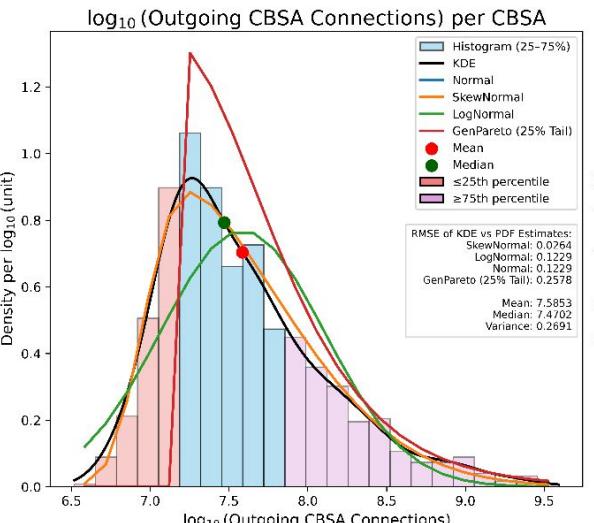
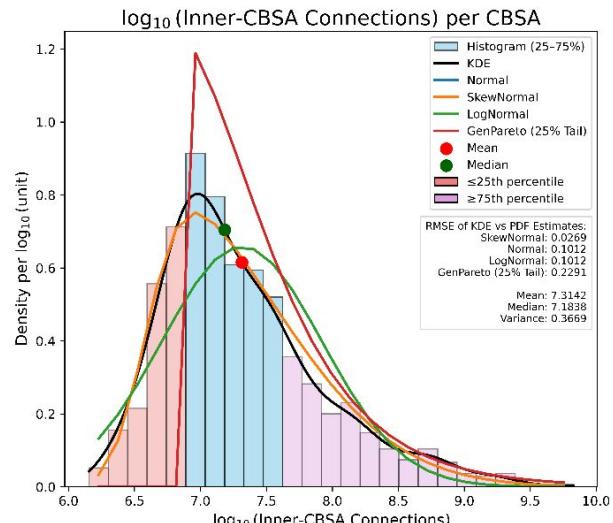


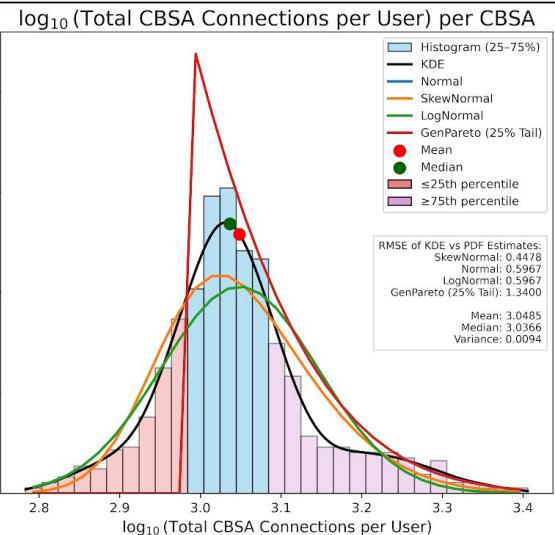
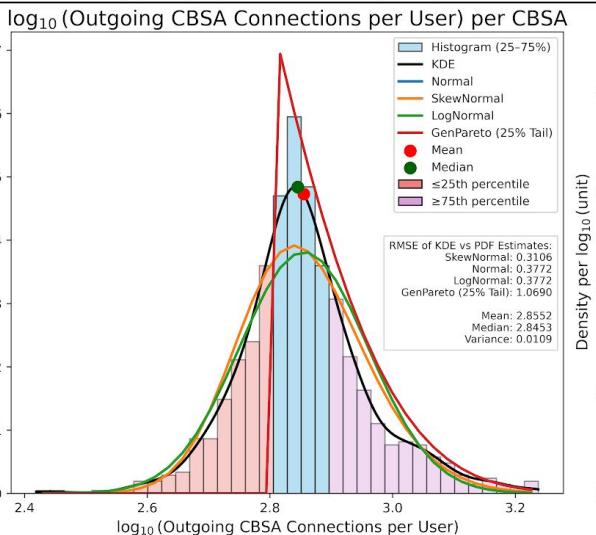
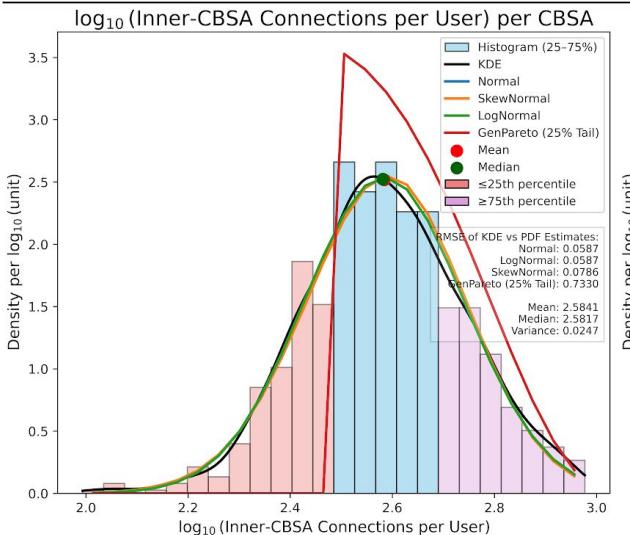
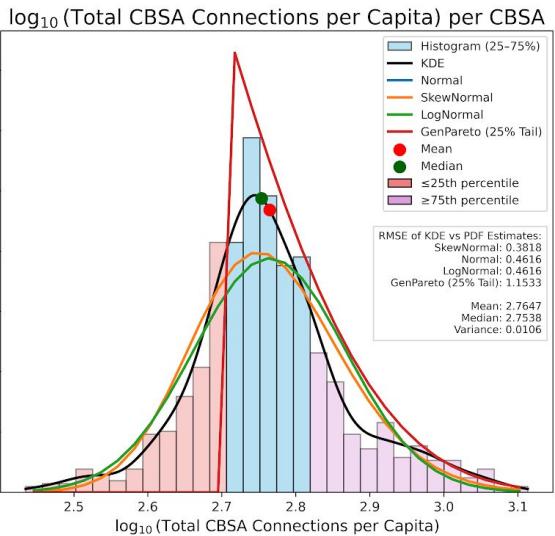
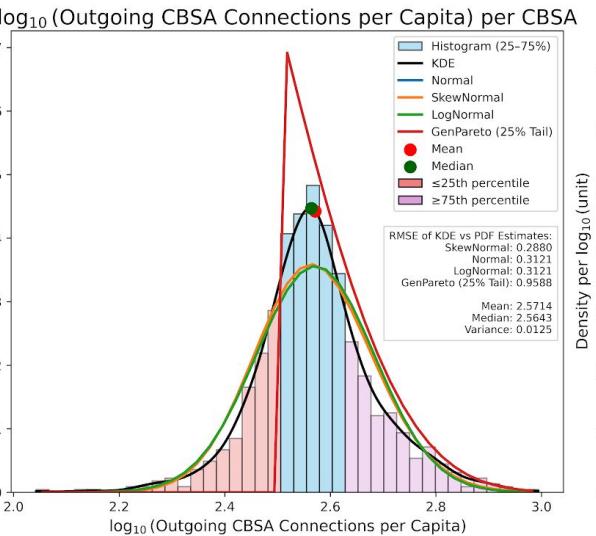
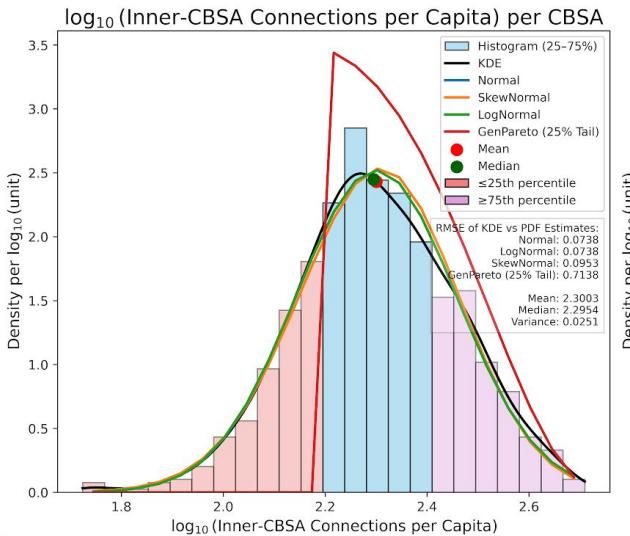
Outgoing Connections by CBSA



Total Connections by CBSA



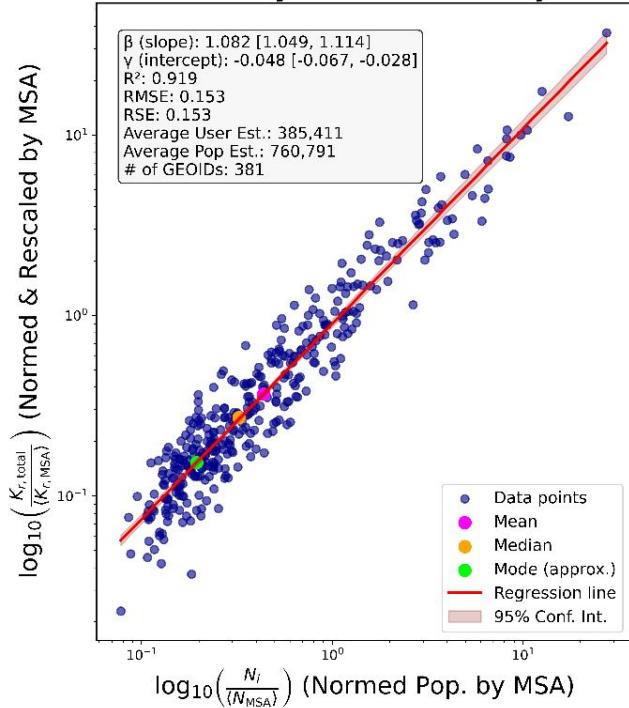




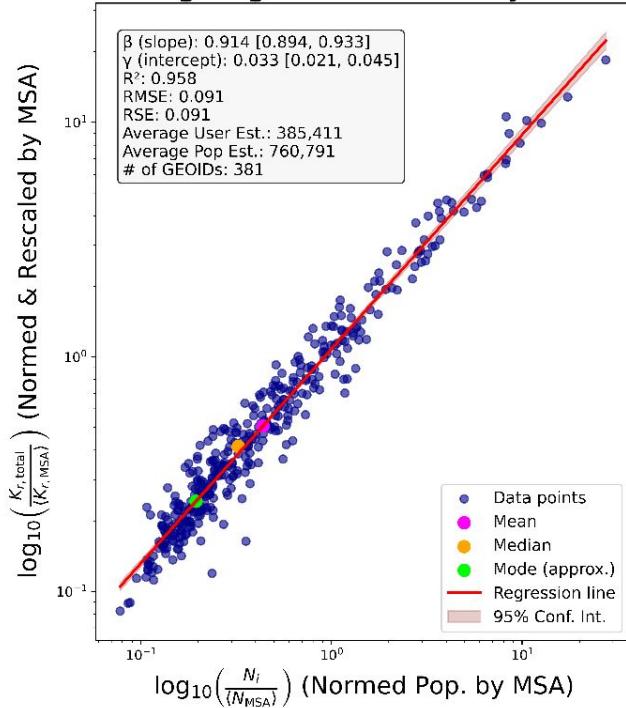
MSA Plots

-
- Regressions
 - Histograms

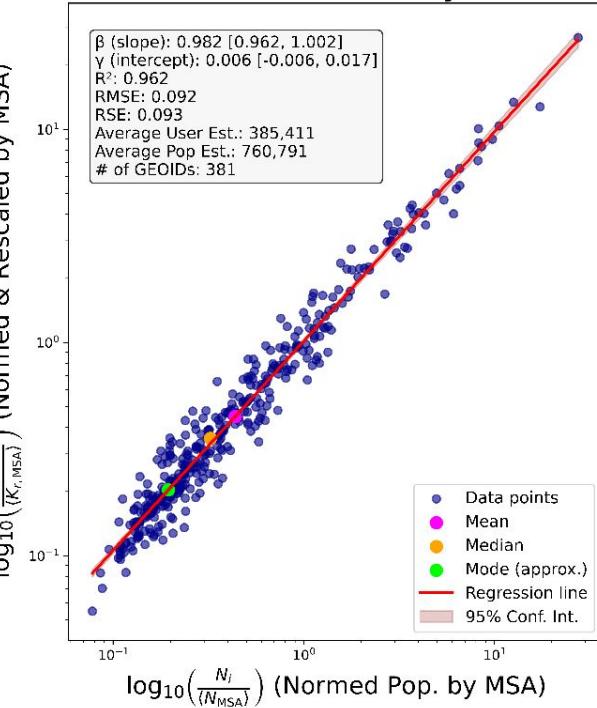
Inter-County Connections by MSA

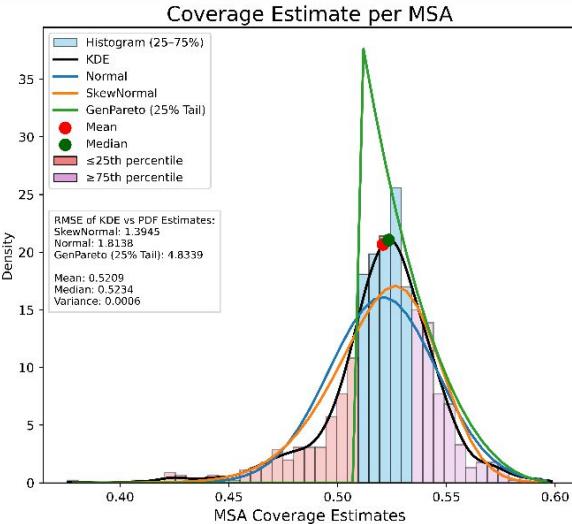
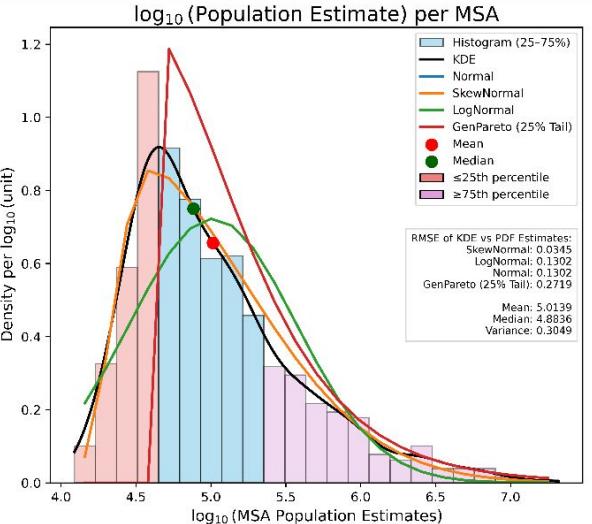
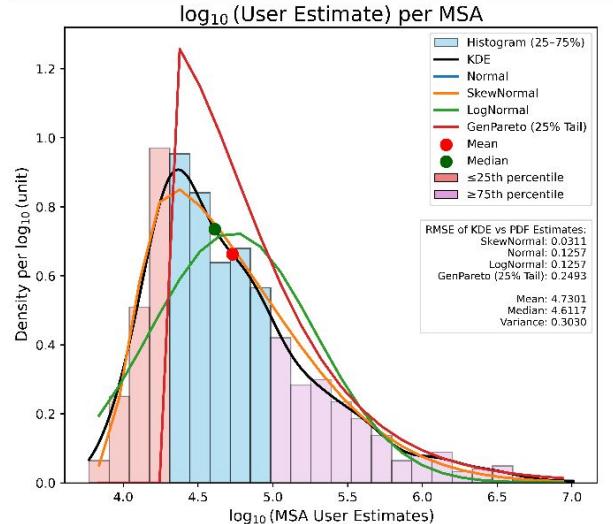
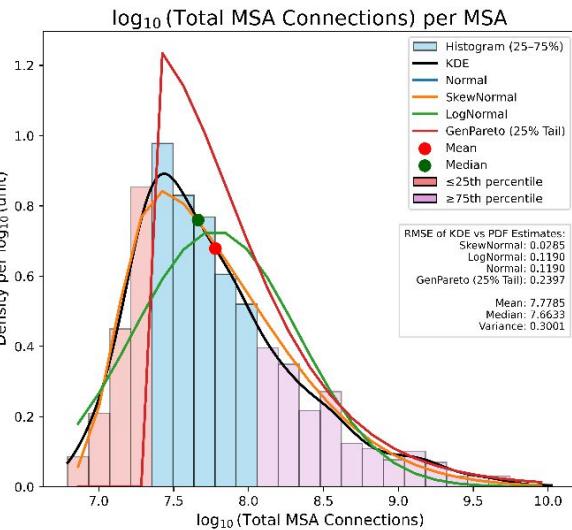
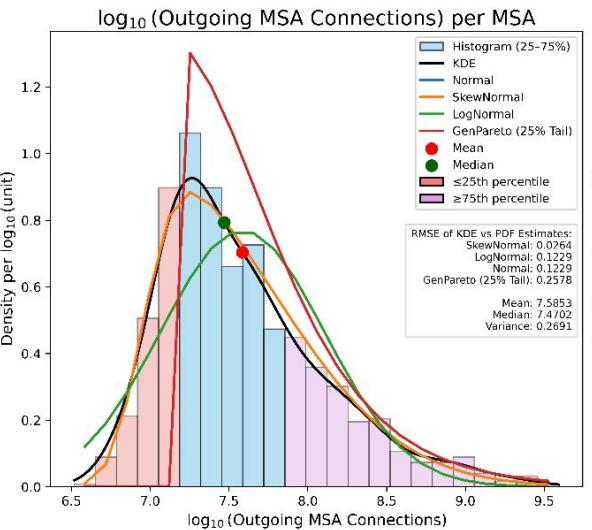
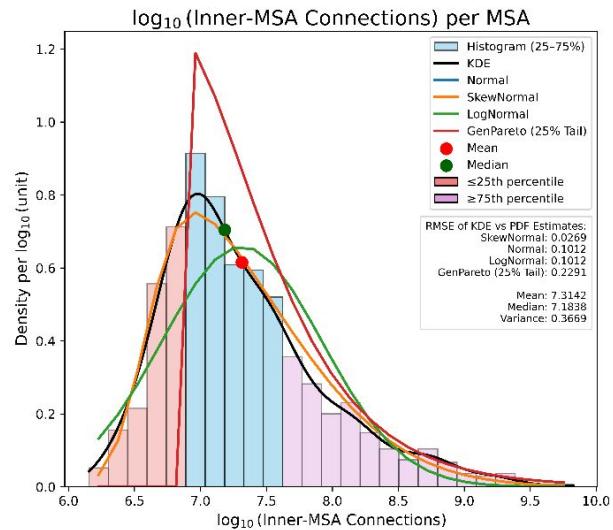


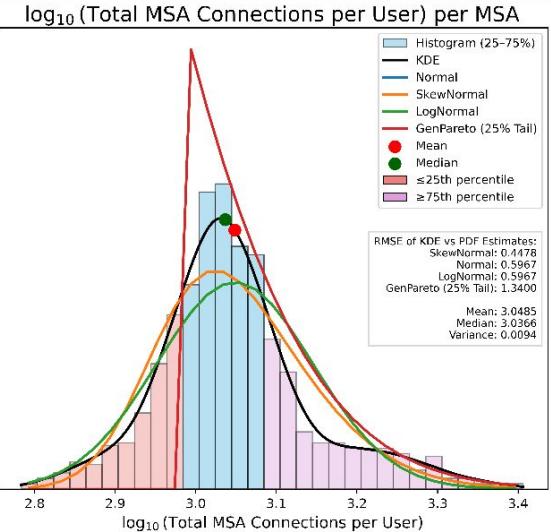
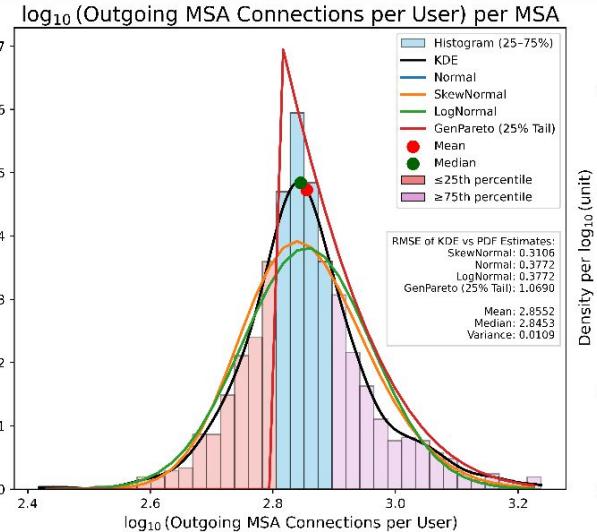
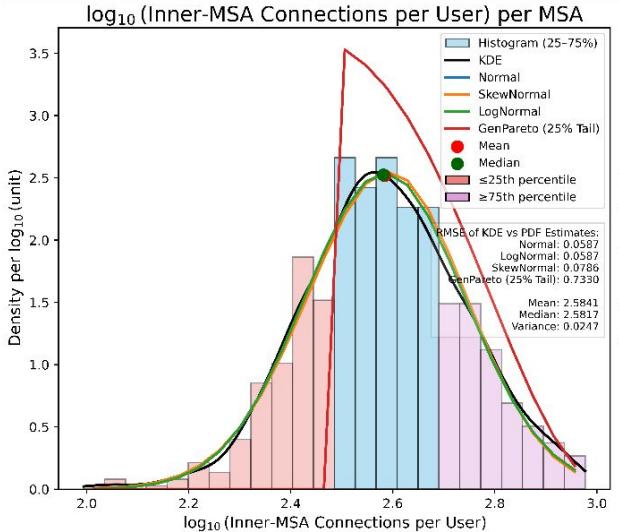
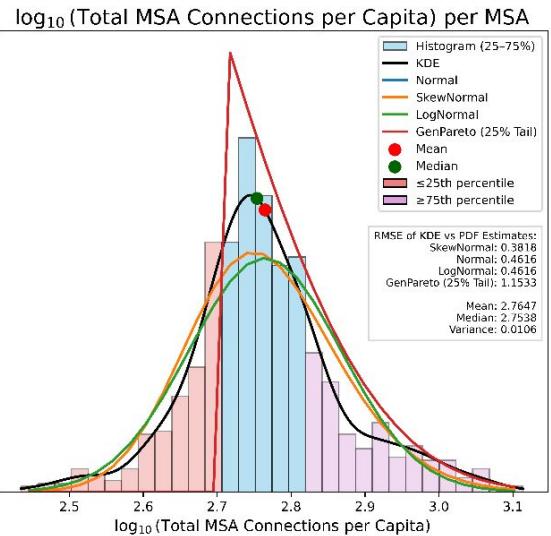
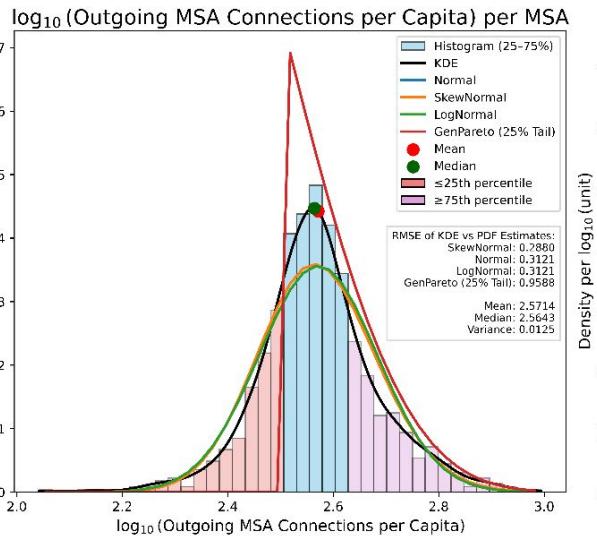
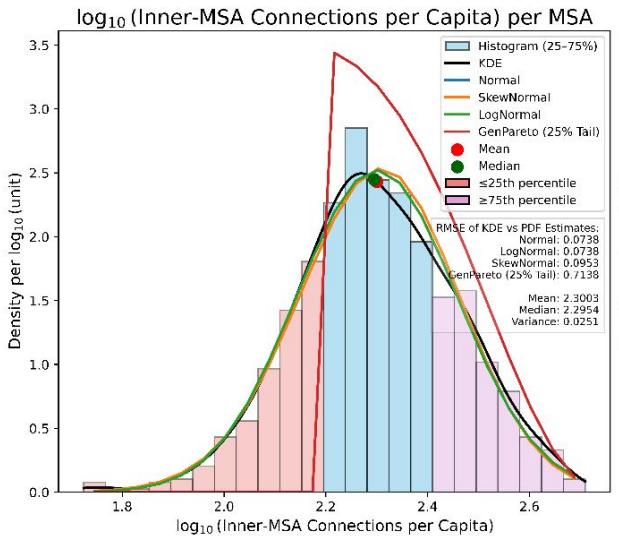
Outgoing Connections by MSA



Total Connections by MSA



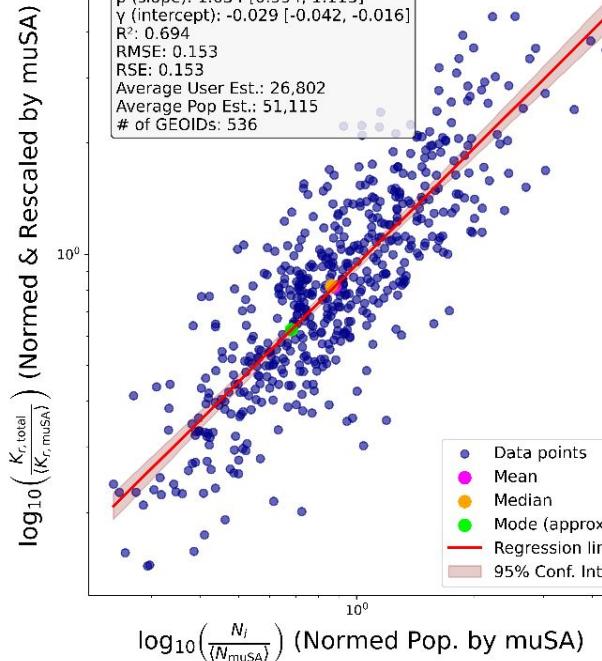




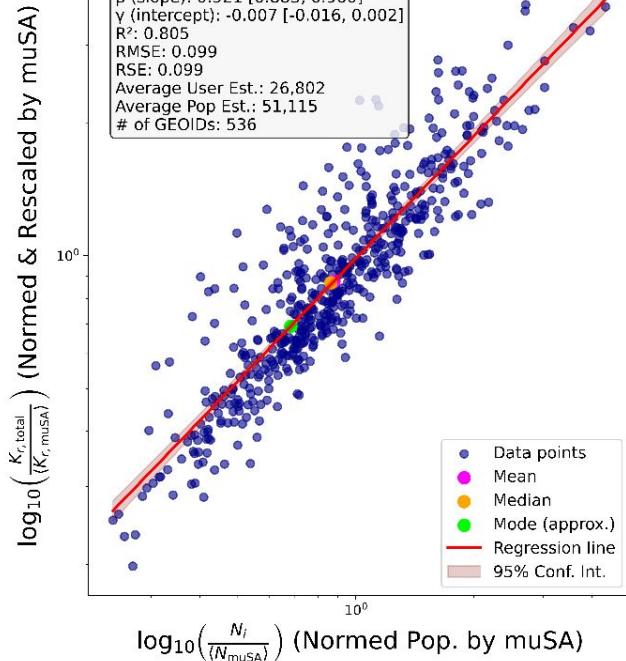
muSA Plots

-
- Regressions
 - Histograms

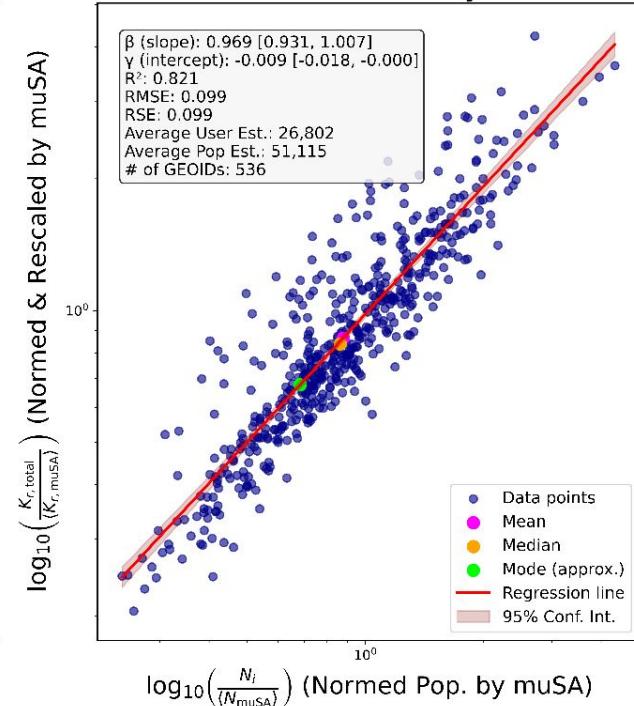
Inter-County Connections by muSA

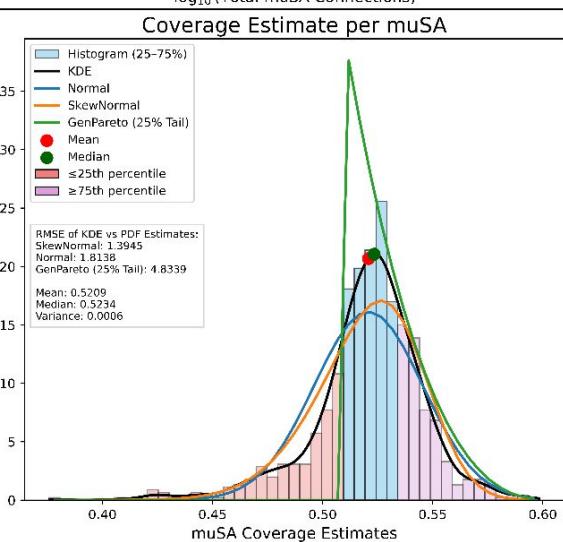
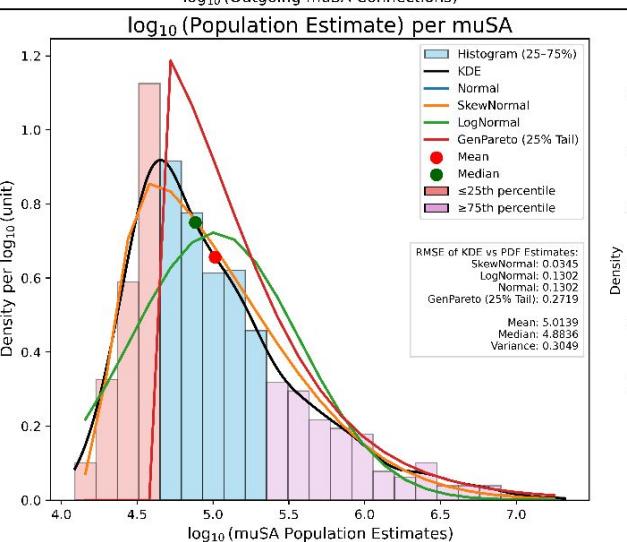
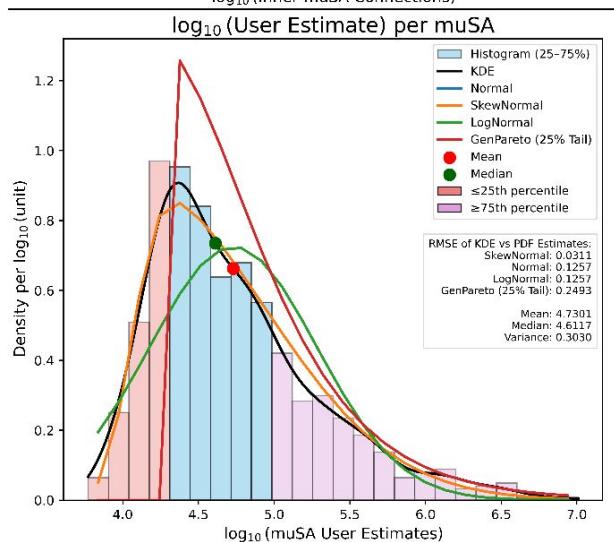
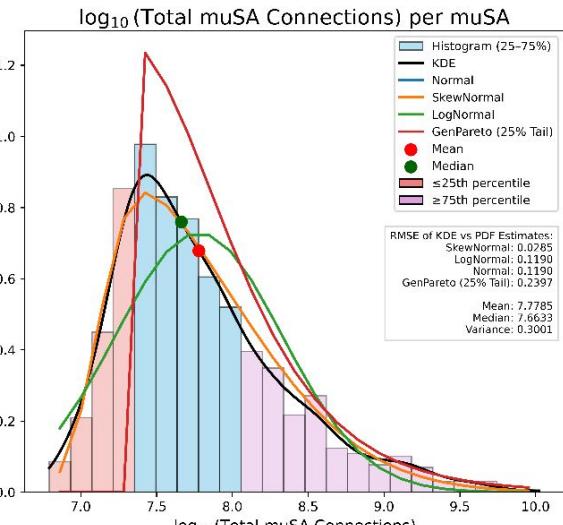
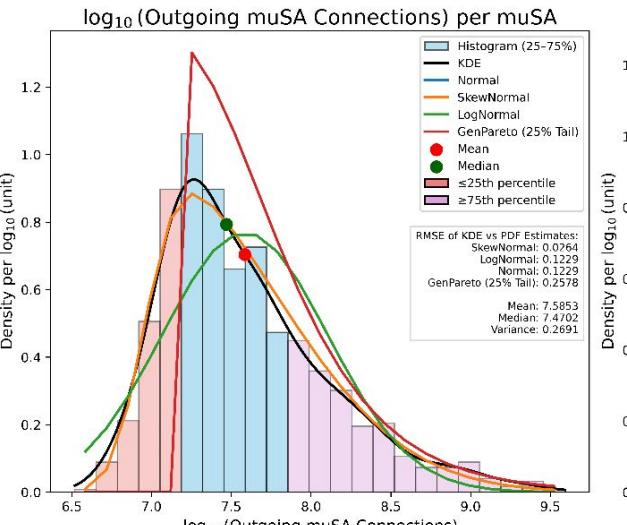
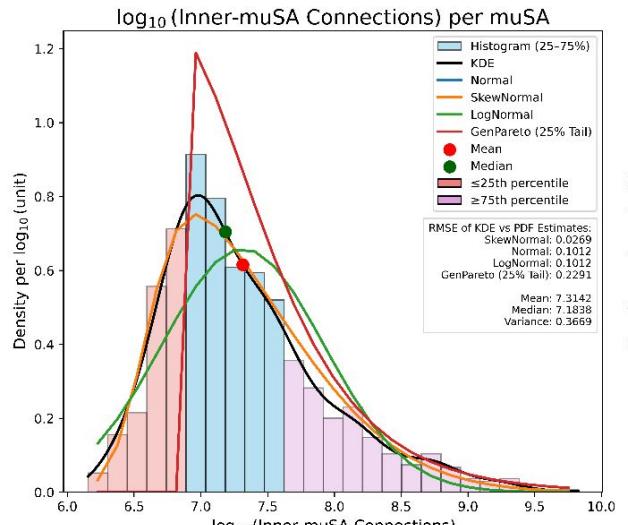


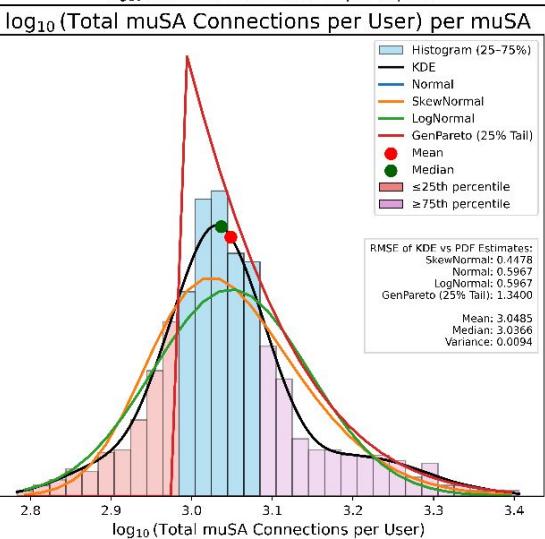
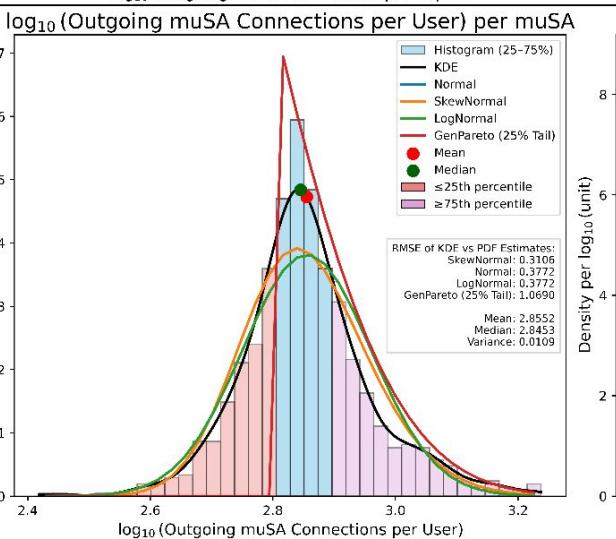
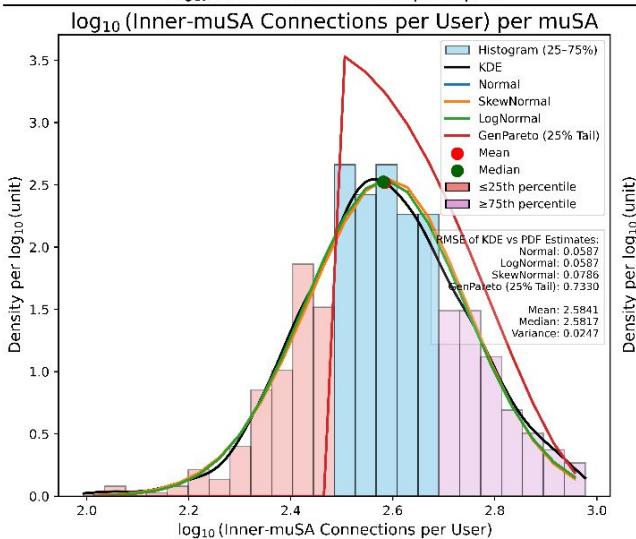
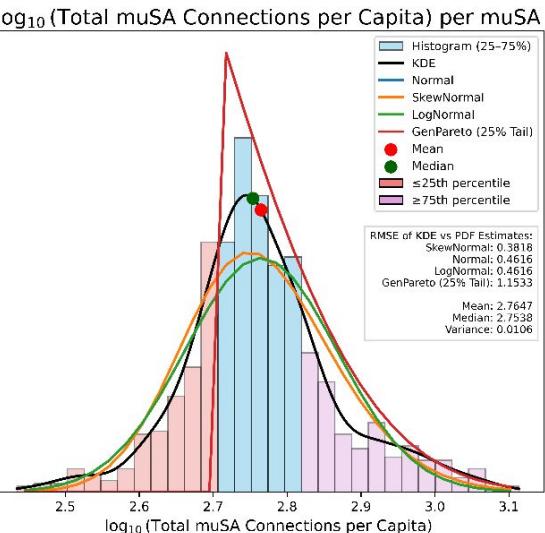
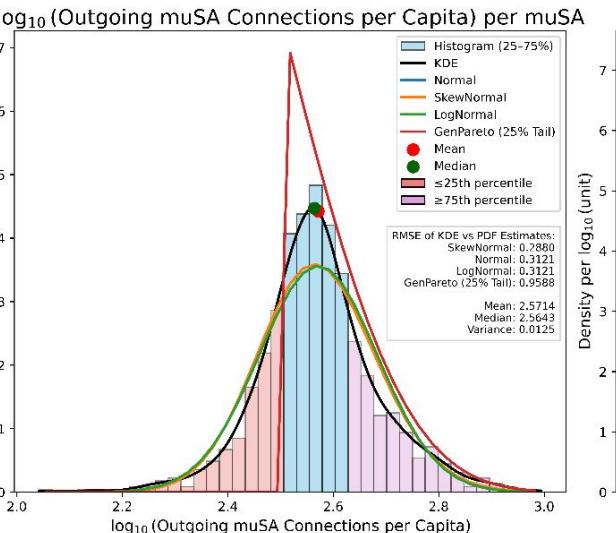
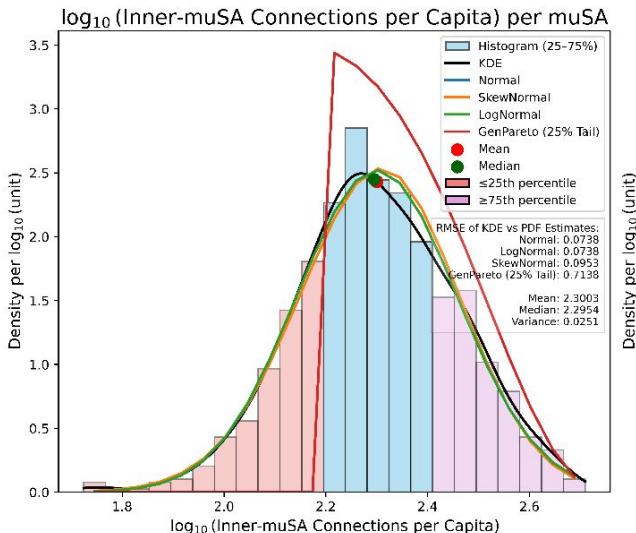
Outgoing Connections by muSA



Total Connections by muSA



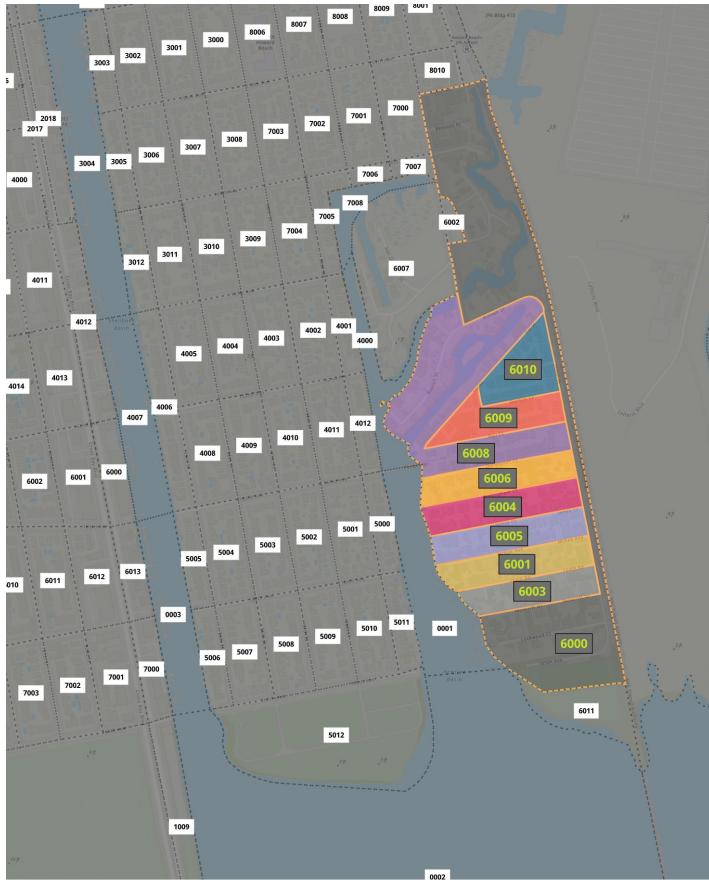




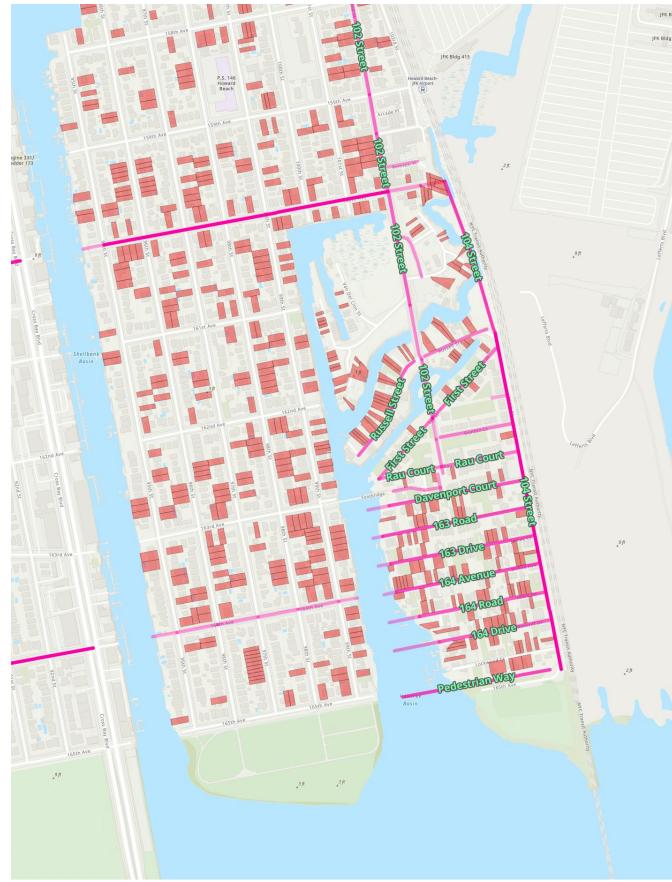
Hamilton Beach Demographic Plots

- Pi Charts
- Bar Charts
 - All selected blocks

HB Census Blocks:

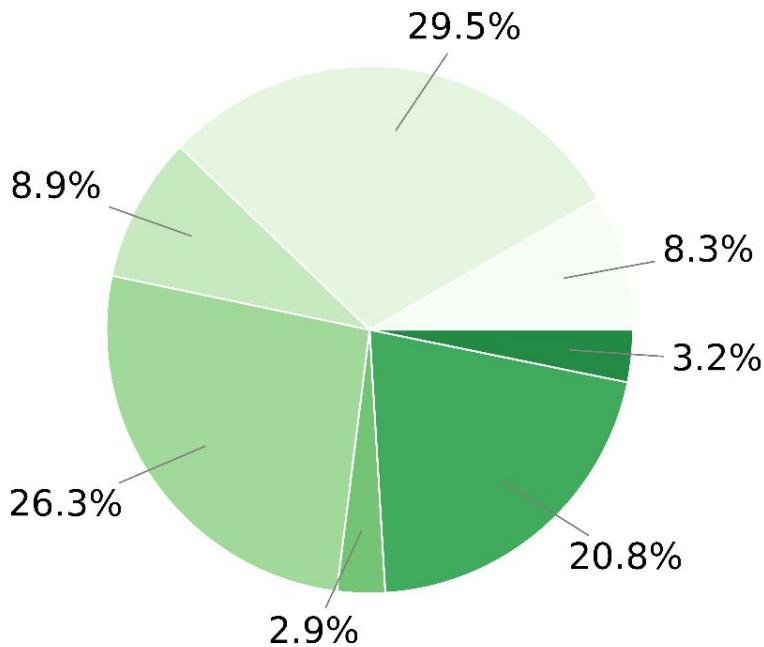


Single Family Homes:



Hamilton Beach Demographics

Educational Level



No HS Diploma

Only HS Diploma

GED

Incomplete College Degree

Associate

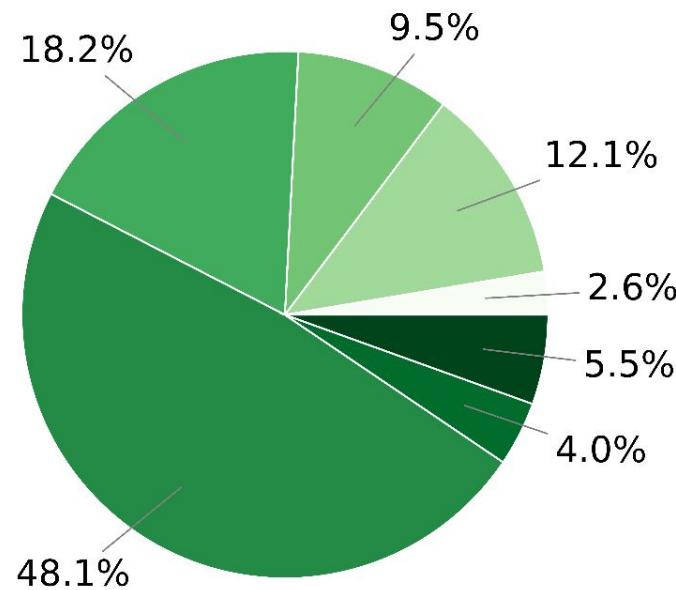
Bachelor

Master

Professional

Doctorate

Household Income



<\$10k

\$10k-25k

\$25k-35k

\$35k-45k

\$45k-60k

\$60k-85k

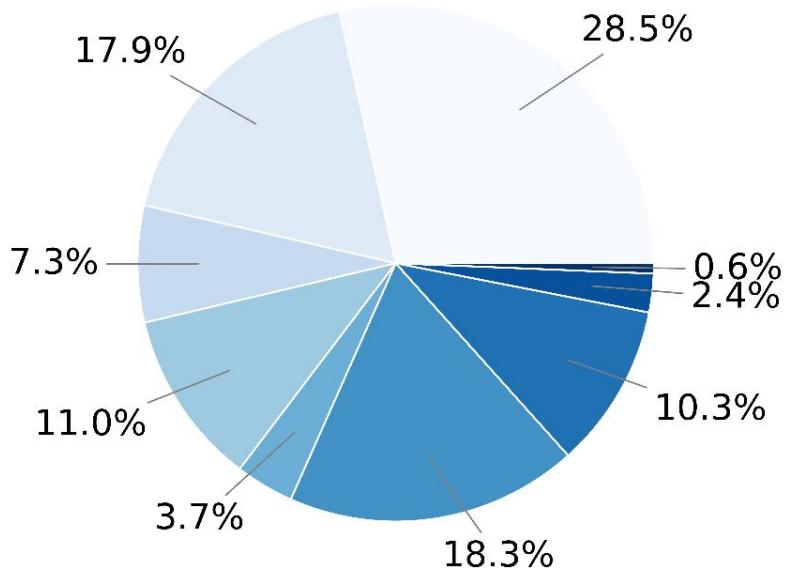
\$100k-150k

\$150k-200k

\$200k+

Red Hook Demographics

Educational Level



No HS Diploma

Only HS Diploma

GED

Incomplete College Degree

Associate

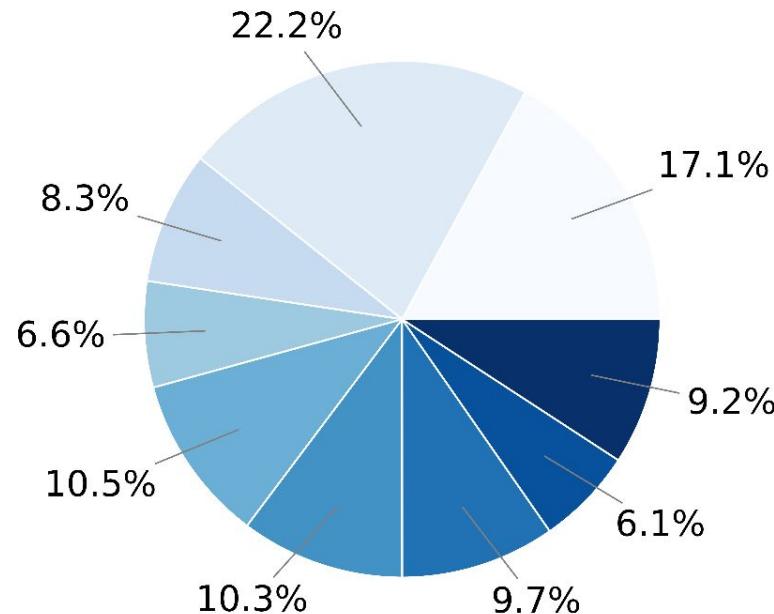
Bachelor

Master

Professional

Doctorate

Household Income



<\$10k

\$10k-25k

\$25k-35k

\$35k-45k

\$45k-60k

\$60k-85k

\$100k-150k

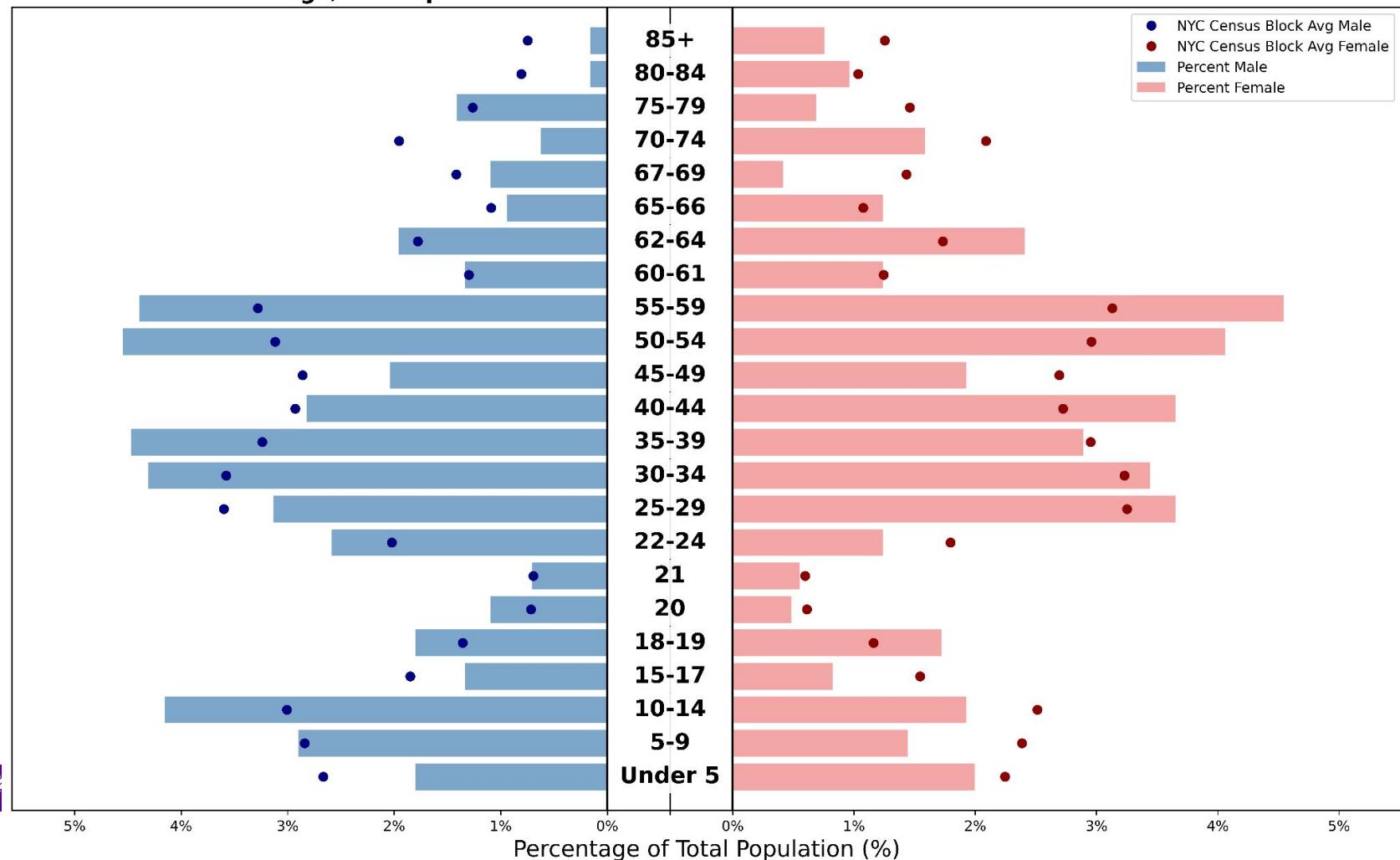
\$150k-200k

\$200k+

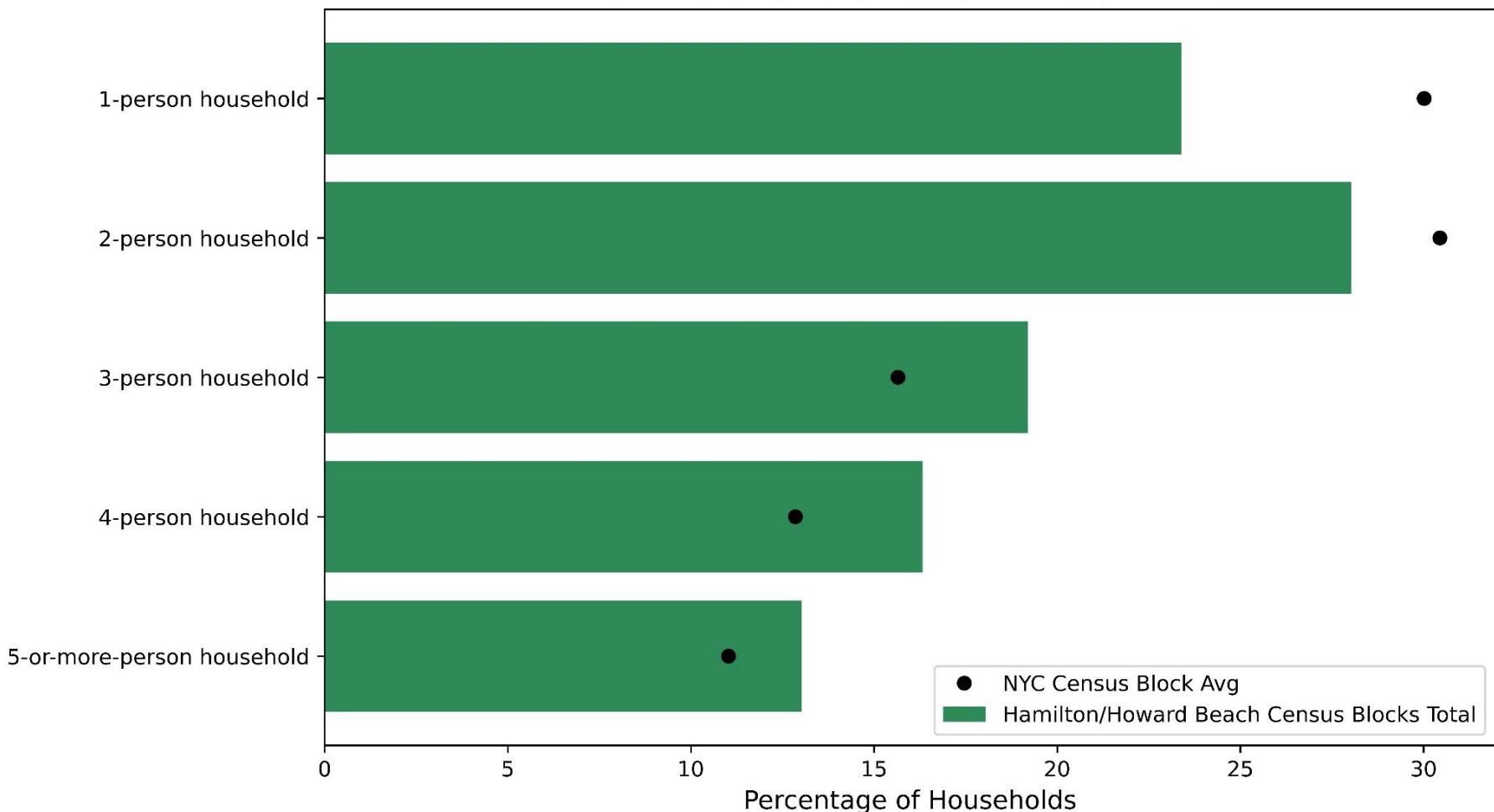
Male

Age/Sex Population Distribution for Hamilton Beach Census Blocks

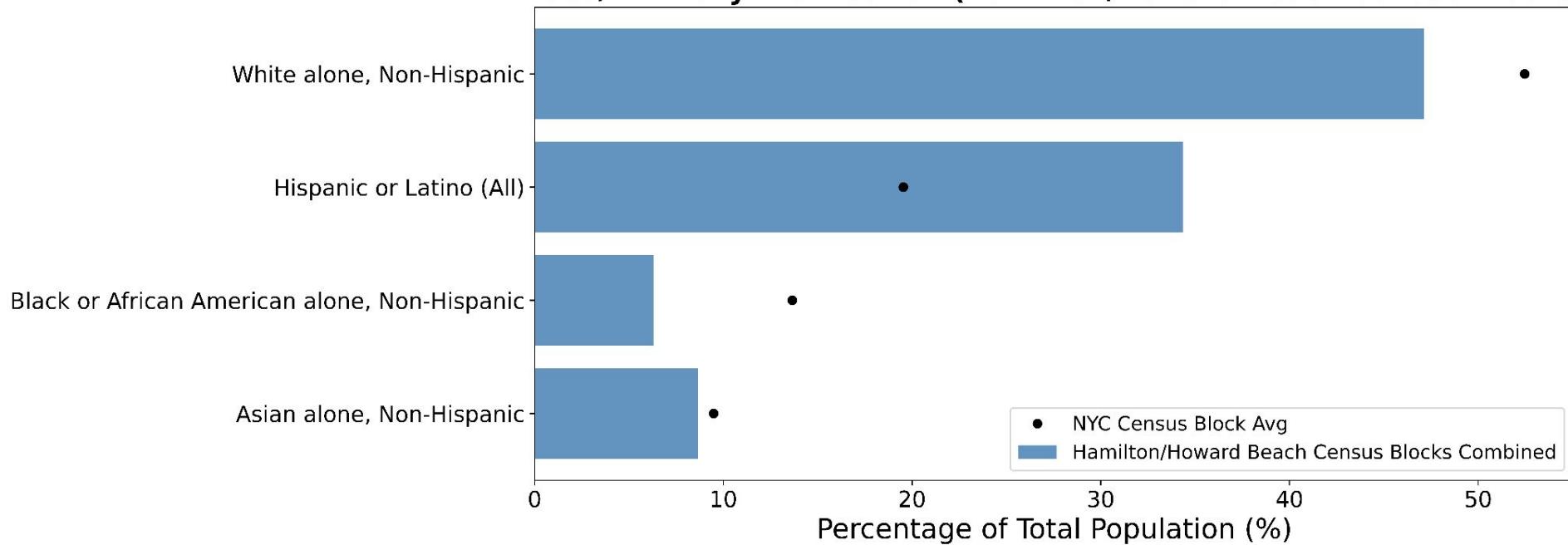
Female



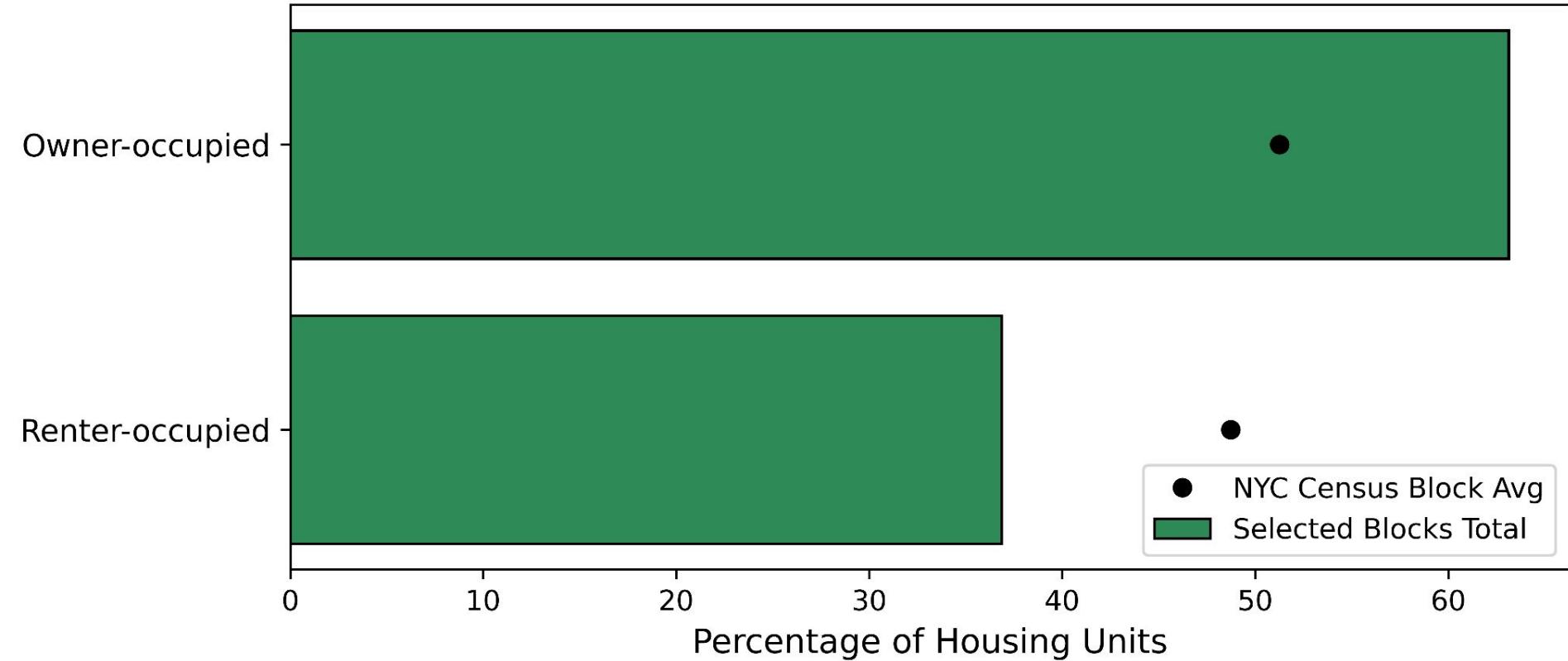
Household Size Distribution (1-5+ persons) Hamilton/Howard Beach Census Blocks



Race/Ethnicity Distribution (Hamilton/Howard Beach Census Blocks)



Housing Tenure Distribution Selected NYC Census Blocks



Housing Occupancy Distribution Hamilton/Howard Beach Census Blocks

