Supplementary Material

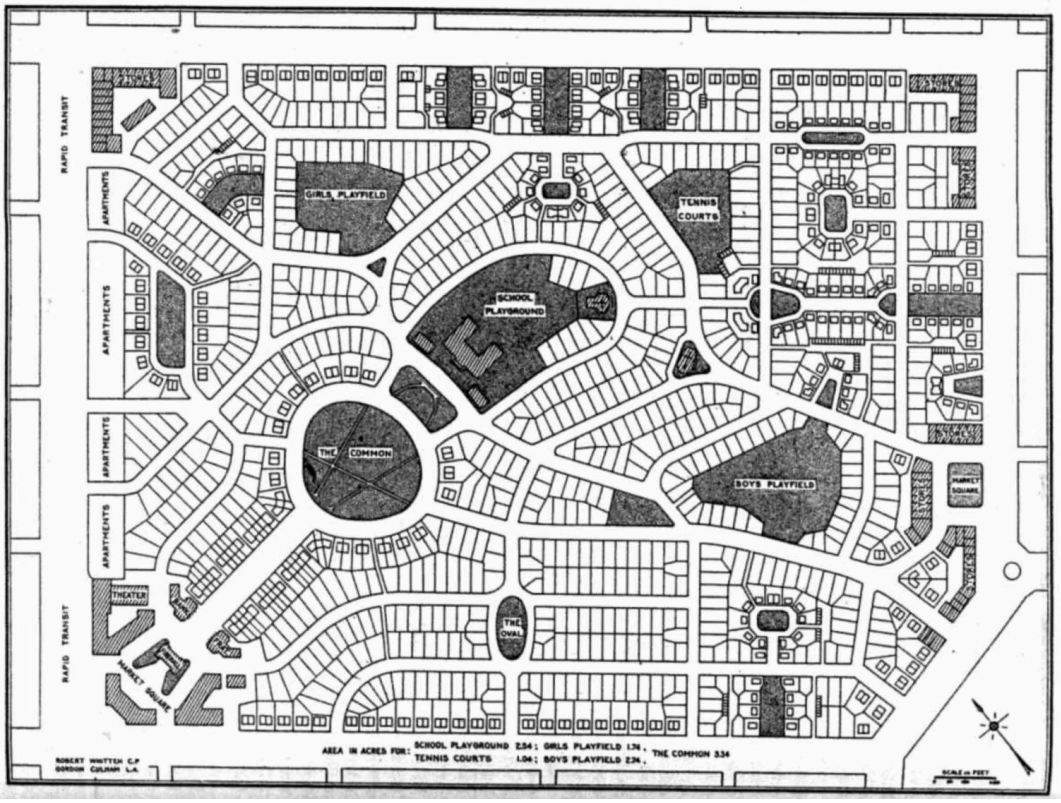
Supplementary Table S 1: CBSAs with Highly Significant $\Delta_{\tilde{H}}$

name	$\tilde{H}_{net}$	$\tilde{H}_{euc}$	$\Delta_{\tilde{H}}$	Δ_{pct}	p value
Anchorage, AK	0.135	0.092	0.043	0.470	0.002
Atlanta-Sandy Springs-Alpharetta, GA	0.321	0.293	0.028	0.095	0.001
Austin-Round Rock-Georgetown, TX	0.174	0.152	0.023	0.150	0.006
Baltimore-Columbia-Towson, MD	0.331	0.284	0.047	0.164	0.000
Boston-Cambridge-Newton, MA-NH	0.254	0.228	0.025	0.111	0.001
Bridgeport-Stamford-Norwalk, CT	0.223	0.181	0.042	0.235	0.001
Charlotte-Concord-Gastonia, NC-SC	0.264	0.233	0.032	0.136	0.000
Chicago-Naperville-Elgin, IL-IN-WI	0.386	0.365	0.021	0.057	0.000
Cincinnati, OH-KY-IN	0.315	0.262	0.054	0.205	0.000
Cleveland-Elyria, OH	0.412	0.380	0.033	0.086	0.004
Columbus, OH	0.273	0.234	0.039	0.168	0.001
Dallas-Fort Worth-Arlington, TX	0.255	0.218	0.037	0.171	0.000
Denver-Aurora-Lakewood, CO	0.197	0.176	0.021	0.120	0.002
Detroit-Warren-Dearborn, MI	0.489	0.450	0.038	0.085	0.000
Hartford-East Hartford-Middletown, CT	0.313	0.264	0.048	0.182	0.001
Houston-The Woodlands-Sugar Land, TX	0.270	0.243	0.028	0.114	0.000
Indianapolis-Carmel-Anderson, IN	0.314	0.279	0.034	0.123	0.008
Kansas City, MO-KS	0.294	0.266	0.028	0.104	0.007
Lansing-East Lansing, MI	0.210	0.166	0.044	0.268	0.003
Las Vegas-Henderson-Paradise, NV	0.139	0.115	0.023	0.202	0.000
Los Angeles-Long Beach-Anaheim, CA	0.284	0.264	0.019	0.072	0.000
Louisville/Jefferson County, KY-IN	0.328	0.269	0.060	0.222	0.000
Miami-Fort Lauderdale-Pompano Beach, FL	0.354	0.323	0.031	0.097	0.000
Milwaukee-Waukesha, WI	0.429	0.398	0.031	0.079	0.008
Minneapolis-St. Paul-Bloomington, MN-WI	0.209	0.177	0.032	0.182	0.000
New Haven-Milford, CT	0.225	0.183	0.042	0.230	0.001
New Orleans-Metairie, LA	0.260	0.227	0.032	0.142	0.009

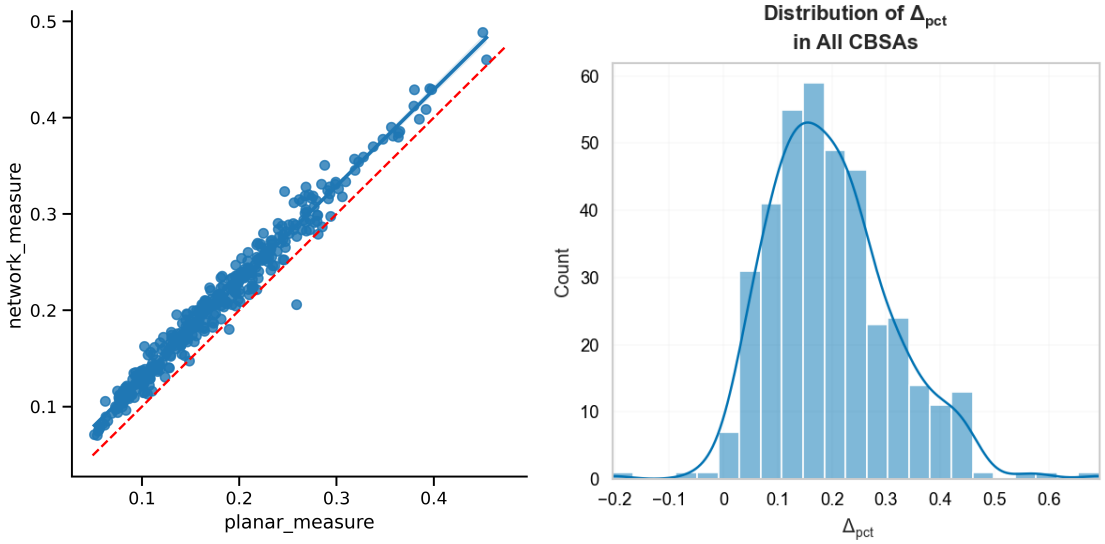
Continued on next page

Supplementary Table S 1: CBSAs with Highly Significant $\Delta_{\tilde{H}}$

name	$\tilde{H}_{net}$	$\tilde{H}_{euc}$	$\Delta_{\tilde{H}}$	Δ_{pct}	p value
New York-Newark-Jersey City, NY-NJ-PA	0.299	0.280	0.019	0.067	0.000
Oklahoma City, OK	0.253	0.219	0.034	0.155	0.006
Olympia-Lacey-Tumwater, WA	0.112	0.077	0.035	0.456	0.004
Peoria, IL	0.351	0.288	0.063	0.218	0.004
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	0.326	0.302	0.024	0.080	0.000
Phoenix-Mesa-Chandler, AZ	0.209	0.182	0.027	0.149	0.000
Pittsburgh, PA	0.280	0.225	0.055	0.245	0.000
Portland-Vancouver-Hillsboro, OR-WA	0.118	0.095	0.024	0.249	0.001
Redding, CA	0.120	0.084	0.036	0.431	0.004
Riverside-San Bernardino-Ontario, CA	0.169	0.144	0.025	0.171	0.000
Rochester, NY	0.316	0.274	0.042	0.152	0.003
Sacramento-Roseville-Folsom, CA	0.152	0.129	0.023	0.177	0.000
Salt Lake City, UT	0.146	0.121	0.026	0.212	0.007
San Antonio-New Braunfels, TX	0.231	0.200	0.031	0.154	0.000
San Diego-Chula Vista-Carlsbad, CA	0.204	0.184	0.019	0.105	0.009
San Francisco-Oakland-Berkeley, CA	0.167	0.154	0.014	0.089	0.008
Santa Rosa-Petaluma, CA	0.118	0.088	0.030	0.342	0.005
Seattle-Tacoma-Bellevue, WA	0.130	0.107	0.023	0.217	0.000
Springfield, MA	0.312	0.256	0.056	0.217	0.000
St. Louis, MO-IL	0.390	0.356	0.034	0.095	0.005
Stockton, CA	0.132	0.104	0.027	0.262	0.009
Tallahassee, FL	0.196	0.146	0.050	0.346	0.005
Tampa-St. Petersburg-Clearwater, FL	0.239	0.213	0.026	0.124	0.002
Toledo, OH	0.268	0.218	0.050	0.231	0.001
Virginia Beach-Norfolk-Newport News, VA-NC	0.206	0.161	0.045	0.277	0.000
Washington-Arlington-Alexandria, DC-VA-MD-WV	0.240	0.220	0.020	0.092	0.001
Worcester, MA-CT	0.200	0.156	0.044	0.281	0.001



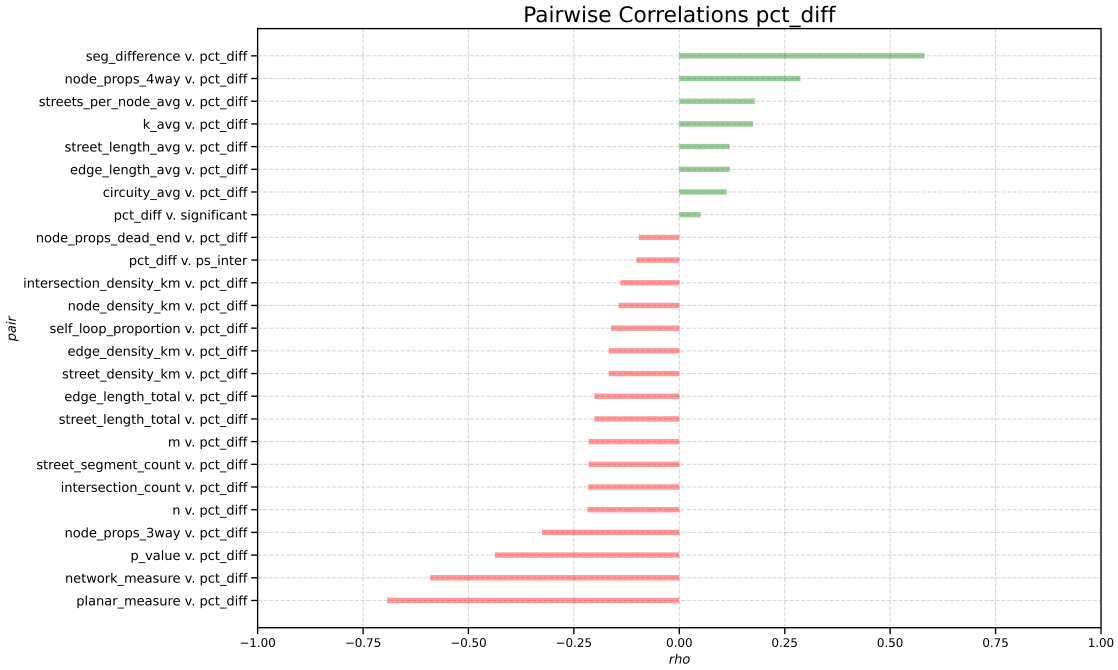
Supplementary Figure S 1: The "Neighborhood Unit" as shown in Perry (1929)



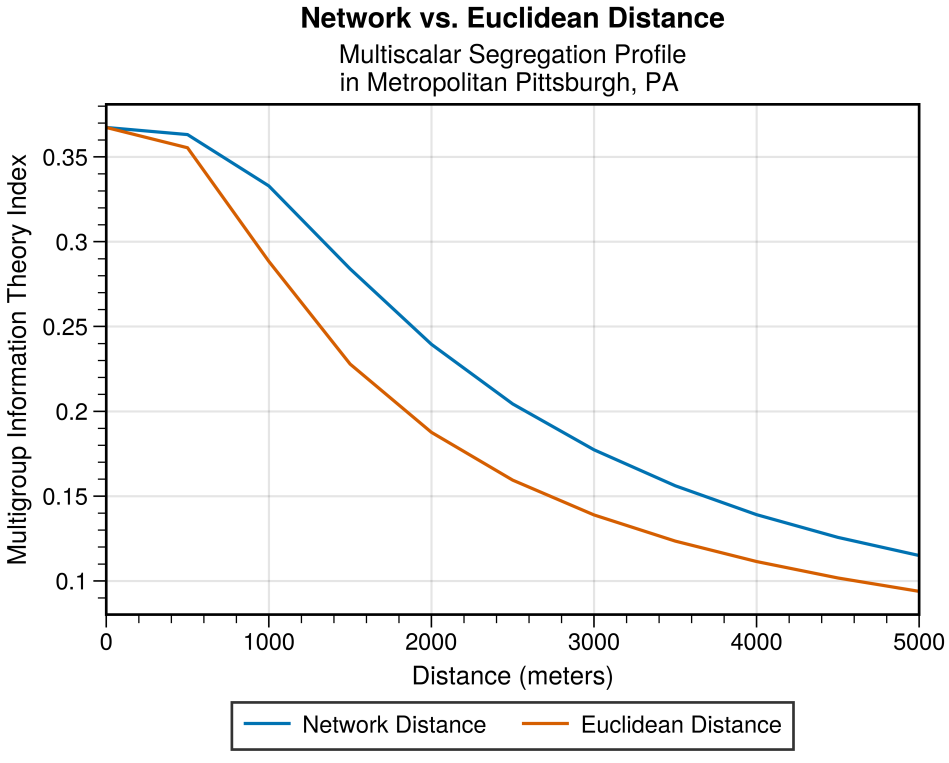
(a) Segregation based on planar and network distances by CBSA. The 45-degree line of equality is shown as dashed.

(b) Histogram of % Differences in Segregation Measures

Supplementary Figure S 2: Network vs. Euclidean-based Segregation Indices



Supplementary Figure S 3: Correlates of $\Delta_{\tilde{H}}$



Supplementary Figure S 4: Network vs. Euclidean Multiscalar Segregation Profiles for Pittsburgh, PA