

Supplementary Materials

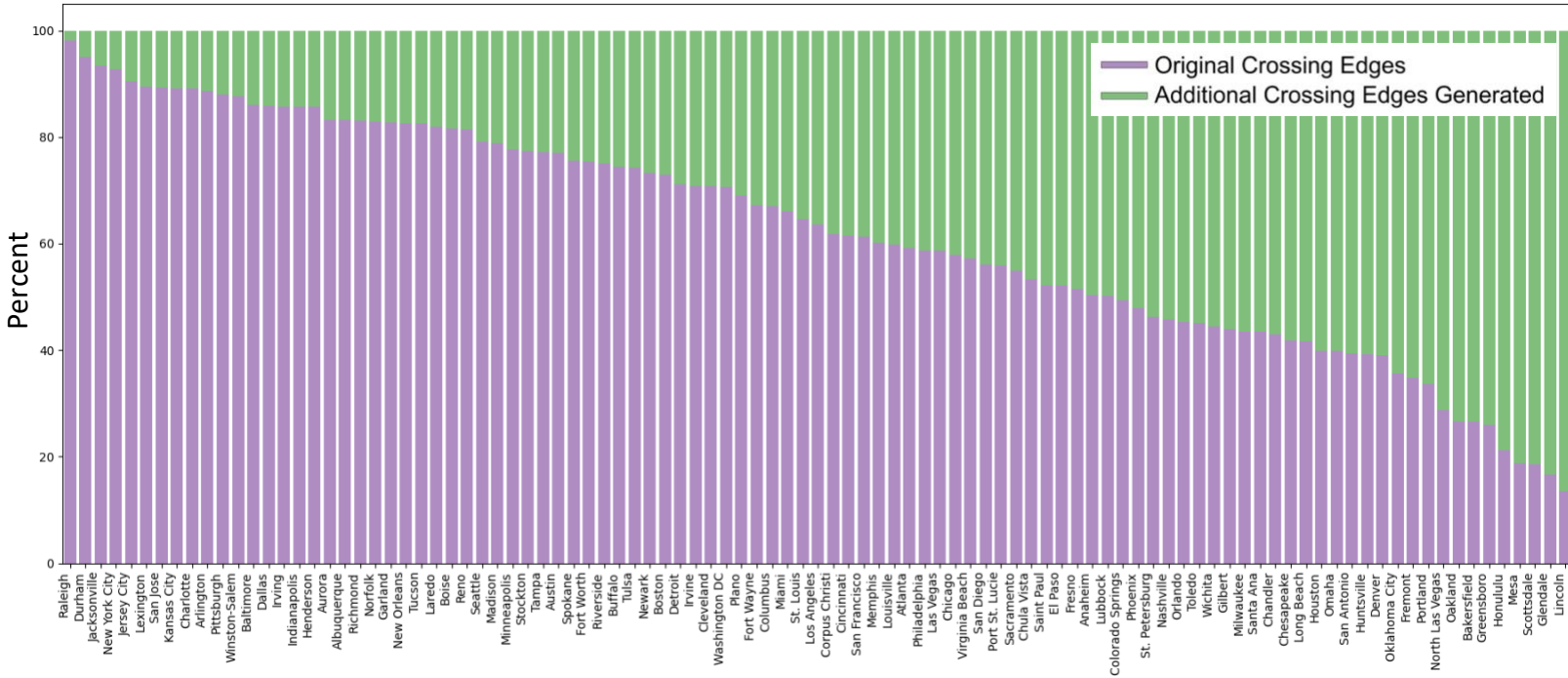
S1. List of 100 Largest U.S. Cities, by Population (2023 Estimate), and Assigned Region:

1. New York, NY, 8,258,035, Northeast
2. Los Angeles, CA, 3,820,914, West Coast
3. Chicago, IL, 2,664,452, Midwest
4. Houston, TX, 2,314,157, South
5. Phoenix, AZ, 1,650,070, Southwest
6. Philadelphia, PA, 1,550,542, Northeast
7. San Antonio, TX, 1,495,295, South
8. San Diego, CA, 1,388,320, West Coast
9. Dallas, TX, 1,302,868, South
10. Jacksonville, FL, 985,843, Southeast
11. Austin, TX, 979,882, South
12. Fort Worth, TX, 978,468, South
13. San Jose, CA, 969,655, West Coast
14. Columbus, OH, 913,175, Midwest
15. Charlotte, NC, 911,311, Southeast
16. Indianapolis, IN, 879,293, Midwest
17. San Francisco, CA, 808,988, West Coast
18. Seattle, WA, 755,078, Northwest
19. Denver, CO, 716,577, Mountain West
20. Oklahoma City, OK, 702,767, South
21. Nashville, TN, 687,788, Southeast
22. Washington, DC, 678,972, Northeast
23. El Paso, TX, 678,958, South
24. Las Vegas, NV, 660,929, Mtn. West
25. Boston, MA, 653,833, Northeast
26. Detroit, MI, 633,218, Midwest
27. Portland, OR, 630,498, Northwest
28. Louisville, KY, 622,981, Midwest
29. Memphis, TN, 618,639, Southeast
30. Baltimore, MD, 565,239, Northeast
31. Milwaukee, WI, 561,385, Midwest
32. Albuquerque, NM, 560,274, Southwest
33. Tucson, AZ, 547,239, Southwest
34. Fresno, CA, 545,716, West Coast
35. Sacramento, CA, 526,384, West Coast
36. Mesa, AZ, 511,648, Southwest
37. Atlanta, GA, 510,823, Southeast
38. Kansas City, MO, 510,704, Midwest
39. Colorado Spr., CO, 488,664, Mtn. West
40. Omaha, NE, 483,335, Midwest
41. Raleigh, NC, 482,295, Southeast
42. Miami, FL, 455,924, Southeast
43. Virginia Beach, VA, 453,649, Southeast
44. Long Beach, CA, 449,468, West Coast
45. Oakland, CA, 436,504, West Coast
46. Minneapolis, MN, 425,115, Midwest
47. Bakersfield, CA, 413,381, West Coast
48. Tulsa, OK, 411,894, South
49. Tampa, FL, 403,364, Southeast
50. Arlington, TX, 398,431, South
51. Wichita, KS, 396,119, Midwest
52. Aurora, CO, 395,052, Mtn. West
53. New Orleans, LA, 364,136, South
54. Cleveland, OH, 362,656, Midwest
55. Honolulu, HI, 341,778, West Coast
56. Anaheim, CA, 340,512, West Coast
57. Henderson, NV, 337,305, Mtn. West
58. Orlando, FL, 320,742, Southeast
59. Lexington, KY, 320,154, South
60. Stockton, CA, 319,543, West Coast
61. Riverside, CA, 318,858, West Coast
62. Corpus Christi, TX, 316,595, South
63. Irvine, CA, 314,621, West Coast
64. Cincinnati, OH, 311,097, Midwest
65. Santa Ana, CA, 310,539, West Coast
66. Newark, NJ, 304,960, Northeast
67. Saint Paul, MN, 303,820, Midwest
68. Pittsburgh, PA, 303,255, Midwest
69. Greensboro, NC, 302,296, Southeast
70. Durham, NC, 296,186, Southeast
71. Lincoln, NE, 294,757, Midwest
72. Jersey City, NJ, 291,657, Southeast
73. Plano, TX, 290,190, South
74. Anchorage, AK, 286,075*
75. N. Las Vegas, NV, 284,771, Mtn. West
76. St. Louis, MO, 281,754, Midwest
77. Madison, WI, 280,305, Northeast
78. Chandler, AZ, 280,167, Southwest
79. Gilbert, AZ, 275,411, Southwest
80. Reno, NV, 274,915, Mountain West
81. Buffalo, NY, 274,678, Northeast
82. Chula Vista, CA, 274,333, West Coast
83. Fort Wayne, IN, 269,994, Midwest
84. Lubbock, TX, 266,878, South
85. Toledo, OH, 265,304, Midwest
86. St. Petersburg, FL, 263,553, Southeast
87. Laredo, TX, 257,602, South
88. Irving, TX, 254,373, South
89. Chesapeake, VA, 253,886, Southeast
90. Glendale, AZ, 253,855, Southwest
91. Winston-Salem, NC, 252,975, Southeast
92. Port St. Lucie, FL, 245,021, Southeast

- 93. Scottsdale, AZ, 244,394, Southwest
- 95. Boise, ID, 235,421, Mountain West
- 96. Norfolk, VA, 230,930, Southeast
- 97. Spokane, WA, 229,447, Northwest
- 98. Richmond, VA, 229,247, Southeast
- 94. Garland, TX, 243,470, South
- 99. Fremont, CA, 226,208, West Coast
- 100. Huntsville, AL, 225,564, Southeast
- 101. Frisco, TX, 225,007, South*

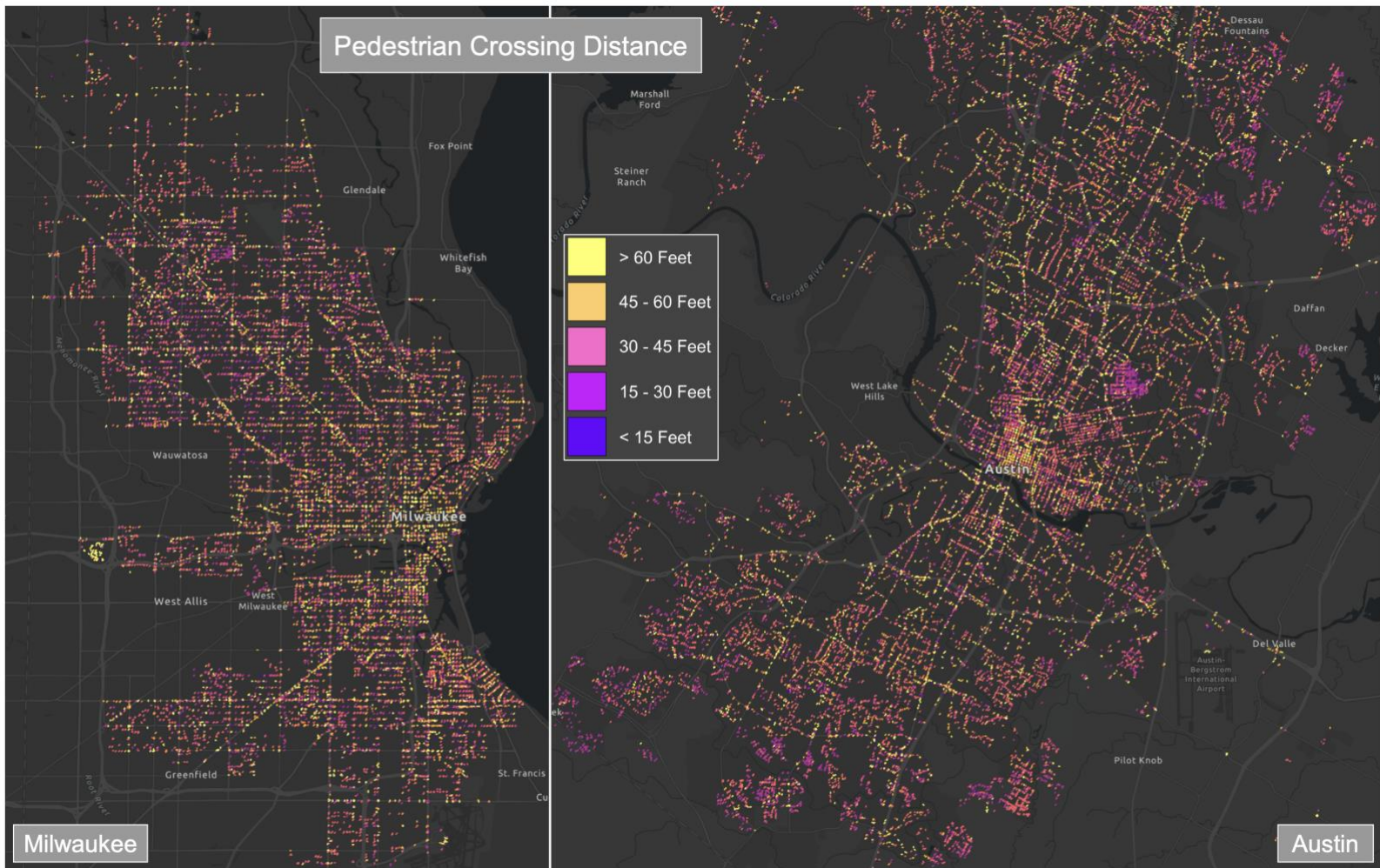
*Because of Anchorage, Alaska's high latitude, satellite imagery from Google Maps tile service is not available to the same extent as cities in the contiguous United States. For that reason, the 101st largest U.S. city by population, Frisco, Texas (population: 225,007, South), was used in its place.

S2. Crossing Edges Extracted from OpenStreetMap, Original vs. Generated:



Because Frisco, TX, was incorporated into the data processing following the implementation of generating additional crossing edges from OpenStreetMap nodes, there is no 'original' figure for which to compare it to. Thus, it is omitted from this chart.

S3. Additional Crossing Distance Maps: Milwaukee, WI (left), and Austin, TX (right).



S4. Box Plot Comparisons of Pedestrian Crossing Distance (Regional, top and Specific Cities, bottom).

