

## 1 Selection: Diverse Southern MSAs

Average Ethnic-Racial Composition of the South, 2010

|        |       |
|--------|-------|
| White  | 60.00 |
| Black  | 18.84 |
| Latinx | 15.91 |
| Asian  | 2.77  |
| total  | 97.52 |

Sample MSA requirements: follows Logan and Zhang's method - the share of two minority groups (Black, Latinx, or Asian) is greater than or equal to the average of the entire South. The third group is at least 1/2 the average of the region.

1. Atlanta-Sandy Springs-Marietta, GA Metro Area
2. Charlotte-Gastonia-Rock Hill, NC-SC Metro Area
3. College Station-Bryan, TX Metro Area
4. Dallas-Fort Worth-Arlington, TX Metro Area
5. Durham-Chapel Hill, NC Metro Area
6. Gainesville, FL Metro Area
7. Houston-Sugar Land-Baytown, TX Metro Area
8. Orlando-Kissimmee-Sanford, FL Metro Area
9. Raleigh-Cary, NC Metro Area
10. Tampa-St. Petersburg-Clearwater, FL Metro Area
11. Washington-Arlington-Alexandria, DC-VA-MD-WV Metro Area

\*The **Miami-Fort Lauderdale-Pompano Beach, FL Metro Area** was excluded since it is a traditional gateway

Table 1: Average Composition of the Sample MSA from 1990-2010

| Racial-Ethnic Group | 1990  | 2000  | 2010  |
|---------------------|-------|-------|-------|
| White               | 69.08 | 59.60 | 51.11 |
| Black               | 18.73 | 19.36 | 20.36 |
| Latinx              | 9.15  | 14.93 | 20.57 |
| Asian               | 2.67  | 3.96  | 5.63  |
| total               | 99.63 | 97.85 | 97.67 |

Table 2: 25% Criterion

| Racial-Ethnic Group | 1990 | 2000 | 2010  |
|---------------------|------|------|-------|
| White               | 17.3 | 14.9 | 12.78 |
| Black               | 4.7  | 4.8  | 5.1   |
| Latinx              | 2.3  | 3.7  | 5.1   |
| Asian               | 0.7  | 1.0  | 1.4   |

Table 3: 50% Criterion

| Racial-Ethnic Group | 1990 | 2000 | 2010  |
|---------------------|------|------|-------|
| White               | 34.5 | 29.8 | 25.6  |
| Black               | 9.4  | 9.7  | 10.2  |
| Latinx              | 4.6  | 7.5  | 10.3  |
| Asian               | 1.3  | 2.0  | 2.815 |

## 2 Sampling: Diverse Southern MSAs with 25% criteria

Table 4: Average Ethnic-Racial Composition of each tract type from 1990-2010, 25% criterion

|      | 1990     |       |      |      |     | 2000     |      |      |      |     | 2010     |      |      |      |     |
|------|----------|-------|------|------|-----|----------|------|------|------|-----|----------|------|------|------|-----|
|      | <i>n</i> | W (%) | B    | L    | A   | <i>n</i> | W    | B    | L    | A   | <i>n</i> | W    | B    | L    | A   |
| W    | 417      | 96.8  | 1.4  | 1.1  | 0.3 | 274      | 94.6 | 1.6  | 2.1  | 0.4 | 188      | 92.8 | 1.8  | 3.1  | 0.7 |
| B    | 285      | 4.2   | 94.6 | 0.8  | 0.2 | 250      | 3.3  | 93.9 | 1.2  | 0.2 | 209      | 2.8  | 92.9 | 2.3  | 0.3 |
| L    | 13       | 8.4   | 1.0  | 89.9 | 0.2 | 43       | 8.2  | 1.8  | 89.2 | 0.3 | 82       | 6.6  | 2.1  | 90.4 | 0.3 |
| A    | -        | -     | -    | -    | -   | -        | -    | -    | -    | -   | -        | -    | -    | -    | -   |
| WB   | 587      | 77.3  | 21.2 | 0.9  | 0.3 | 388      | 75.1 | 21.2 | 1.7  | 0.3 | 222      | 69.2 | 24.9 | 3.1  | 0.7 |
| WL   | 477      | 86.5  | 1.4  | 11.3 | 0.3 | 523      | 78.8 | 1.8  | 17.2 | 0.4 | 410      | 71.3 | 2.2  | 24.0 | 0.7 |
| WA   | 399      | 94.0  | 2.4  | 1.5  | 1.9 | 362      | 90.2 | 2.2  | 2.3  | 3.8 | 275      | 84.8 | 2.6  | 3.8  | 6.9 |
| BL   | 142      | 5.6   | 73.8 | 20.1 | 0.2 | 236      | 5.4  | 65.8 | 27.4 | 0.2 | 364      | 4.6  | 58.5 | 35.1 | 0.5 |
| BA   | 73       | 8.9   | 62.0 | 25.3 | 3.3 | 175      | 8.2  | 50.2 | 33.9 | 5.6 | 240      | 7.9  | 45.3 | 37.8 | 7.1 |
| LA   | 3        | 16.5  | 2.4  | 79.5 | 1.2 | 17       | 9.4  | 2.3  | 82.4 | 4.7 | 14       | 8.3  | 2.0  | 81.2 | 7.2 |
| WBL  | 361      | 61.5  | 22.5 | 15.2 | 0.3 | 562      | 56.5 | 21.9 | 19.4 | 0.3 | 639      | 49.8 | 23.2 | 24.2 | 0.7 |
| WBA  | 560      | 75.3  | 21.0 | 1.4  | 2.0 | 510      | 71.5 | 20.2 | 2.4  | 3.9 | 300      | 67.3 | 21.5 | 3.8  | 5.0 |
| WLA  | 1358     | 85.1  | 2.4  | 8.8  | 3.3 | 1025     | 78.7 | 2.6  | 11.7 | 5.0 | 841      | 72.9 | 3.1  | 14.9 | 6.9 |
| BLA  | -        | -     | -    | -    | -   | -        | -    | -    | -    | -   | -        | -    | -    | -    | -   |
| WBLA | 1987     | 65.9  | 17.4 | 11.5 | 4.7 | 2295     | 54.4 | 19.8 | 16.3 | 6.6 | 2883     | 48.8 | 19.8 | 20.5 | 8.0 |

Table 5: Transition Matrix from 1990 - 2000, %25

| 1990 type | 2000 Neighborhood Type |     |    |   |     |     |     |     |     |    |     |     |      |     |      | Total |
|-----------|------------------------|-----|----|---|-----|-----|-----|-----|-----|----|-----|-----|------|-----|------|-------|
|           | W                      | B   | L  | A | WB  | WL  | WA  | BL  | BA  | LA | WBL | WBA | WLA  | BLA | WBLA |       |
| W         | 171                    | 0   | 0  | 0 | 28  | 52  | 78  | 0   | 0   | 0  | 7   | 27  | 47   | 0   | 7    | 417   |
| B         | 0                      | 189 | 0  | 0 | 3   | 0   | 0   | 48  | 11  | 0  | 1   | 1   | 0    | 0   | 32   | 285   |
| L         | 0                      | 0   | 12 | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 0   | 0    | 0   | 0    | 13    |
| A         | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0    | 0     |
| WB        | 22                     | 8   | 0  | 0 | 279 | 4   | 6   | 4   | 1   | 0  | 101 | 105 | 3    | 0   | 54   | 587   |
| WL        | 34                     | 0   | 10 | 0 | 0   | 278 | 15  | 0   | 0   | 3  | 22  | 0   | 99   | 0   | 16   | 477   |
| WA        | 23                     | 0   | 0  | 0 | 17  | 7   | 145 | 0   | 0   | 0  | 5   | 90  | 42   | 0   | 70   | 399   |
| BL        | 0                      | 8   | 3  | 0 | 1   | 0   | 0   | 108 | 20  | 0  | 1   | 0   | 0    | 0   | 1    | 142   |
| BA        | 0                      | 1   | 3  | 0 | 0   | 0   | 0   | 24  | 35  | 1  | 0   | 1   | 0    | 0   | 8    | 73    |
| LA        | 0                      | 0   | 2  | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0   | 0   | 0    | 0   | 0    | 3     |
| WBL       | 6                      | 1   | 1  | 0 | 7   | 23  | 3   | 24  | 2   | 2  | 224 | 1   | 11   | 0   | 55   | 360   |
| WBA       | 3                      | 19  | 0  | 0 | 44  | 0   | 18  | 2   | 9   | 0  | 28  | 201 | 8    | 0   | 228  | 560   |
| WLA       | 11                     | 0   | 7  | 0 | 0   | 148 | 92  | 0   | 0   | 5  | 43  | 17  | 720  | 0   | 313  | 1356  |
| BLA       | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0    | 0   | 0    | 0     |
| WBLA      | 4                      | 24  | 5  | 0 | 9   | 11  | 5   | 25  | 97  | 5  | 130 | 67  | 95   | 0   | 1510 | 1987  |
| Total     | 274                    | 250 | 43 | 0 | 388 | 523 | 362 | 236 | 175 | 17 | 562 | 510 | 1025 | 0   | 2294 | 6659  |

Table 6: Transition Matrix from 2000-2010, %25

| 2000 type | 2010 Neighborhood Type |     |    |   |     |     |     |     |     |    |     |     |     |     |      | Total |
|-----------|------------------------|-----|----|---|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|------|-------|
|           | W                      | B   | L  | A | WB  | WL  | WA  | BL  | BA  | LA | WBL | WBA | WLA | BLA | WBLA |       |
| W         | 109                    | 0   | 0  | 0 | 13  | 36  | 42  | 0   | 0   | 0  | 6   | 13  | 32  | 0   | 23   | 274   |
| B         | 0                      | 157 | 0  | 0 | 6   | 0   | 0   | 53  | 6   | 0  | 2   | 7   | 0   | 0   | 19   | 250   |
| L         | 0                      | 0   | 35 | 0 | 0   | 1   | 0   | 1   | 0   | 4  | 0   | 0   | 2   | 0   | 0    | 43    |
| A         | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WB        | 21                     | 2   | 0  | 0 | 147 | 1   | 5   | 2   | 3   | 0  | 90  | 49  | 2   | 0   | 66   | 388   |
| WL        | 9                      | 0   | 18 | 0 | 2   | 263 | 7   | 2   | 0   | 0  | 40  | 2   | 106 | 0   | 74   | 523   |
| WA        | 33                     | 0   | 0  | 0 | 2   | 11  | 135 | 0   | 0   | 0  | 7   | 36  | 74  | 0   | 64   | 362   |
| BL        | 0                      | 11  | 5  | 0 | 1   | 0   | 0   | 183 | 8   | 0  | 10  | 5   | 0   | 0   | 13   | 236   |
| BA        | 0                      | 5   | 4  | 0 | 0   | 0   | 0   | 55  | 70  | 1  | 4   | 5   | 2   | 0   | 29   | 175   |
| LA        | 0                      | 0   | 10 | 0 | 0   | 0   | 0   | 0   | 1   | 4  | 0   | 0   | 2   | 0   | 0    | 17    |
| WBL       | 3                      | 0   | 1  | 0 | 12  | 26  | 1   | 37  | 2   | 1  | 299 | 8   | 9   | 0   | 163  | 562   |
| WBA       | 4                      | 7   | 0  | 0 | 30  | 0   | 29  | 3   | 16  | 0  | 16  | 124 | 4   | 0   | 277  | 510   |
| WLA       | 6                      | 0   | 5  | 0 | 0   | 64  | 44  | 1   | 0   | 2  | 15  | 8   | 519 | 0   | 361  | 1025  |
| BLA       | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WBLA      | 3                      | 27  | 4  | 0 | 9   | 7   | 12  | 27  | 134 | 2  | 150 | 42  | 88  | 0   | 1789 | 2294  |
| Total     | 188                    | 209 | 82 | 0 | 222 | 409 | 275 | 364 | 240 | 14 | 639 | 299 | 840 | 0   | 2878 | 6659  |

Table 7: Transition Matrix from 1990-2010, %25

| 1990 type | 2010 Neighborhood Type |     |    |   |     |     |     |     |     |    |     |     |     |     |      | Total |
|-----------|------------------------|-----|----|---|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|------|-------|
|           | W                      | B   | L  | A | WB  | WL  | WA  | BL  | BA  | LA | WBL | WBA | WLA | BLA | WBLA |       |
| W         | 115                    | 0   | 0  | 0 | 19  | 57  | 53  | 0   | 0   | 0  | 23  | 24  | 52  | 0   | 74   | 417   |
| B         | 0                      | 154 | 0  | 0 | 10  | 0   | 0   | 85  | 2   | 0  | 6   | 11  | 0   | 0   | 17   | 285   |
| L         | 0                      | 0   | 13 | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 13    |
| A         | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WB        | 28                     | 10  | 0  | 0 | 156 | 3   | 17  | 6   | 2   | 0  | 186 | 52  | 4   | 0   | 123  | 587   |
| WL        | 24                     | 0   | 22 | 0 | 0   | 221 | 15  | 2   | 0   | 0  | 44  | 0   | 69  | 0   | 80   | 477   |
| WA        | 9                      | 0   | 0  | 0 | 3   | 7   | 97  | 0   | 0   | 0  | 2   | 57  | 47  | 0   | 177  | 399   |
| BL        | 0                      | 2   | 4  | 0 | 0   | 0   | 0   | 108 | 5   | 0  | 8   | 0   | 1   | 0   | 14   | 142   |
| BA        | 0                      | 1   | 4  | 0 | 0   | 0   | 0   | 33  | 10  | 2  | 1   | 0   | 0   | 0   | 22   | 73    |
| LA        | 0                      | 0   | 3  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 3     |
| WBL       | 3                      | 1   | 5  | 0 | 2   | 27  | 3   | 44  | 1   | 0  | 191 | 4   | 6   | 0   | 73   | 360   |
| WBA       | 4                      | 19  | 0  | 0 | 24  | 0   | 18  | 10  | 36  | 0  | 29  | 102 | 6   | 0   | 312  | 560   |
| WLA       | 5                      | 0   | 17 | 0 | 0   | 86  | 60  | 1   | 1   | 7  | 32  | 8   | 550 | 0   | 589  | 1356  |
| BLA       | 0                      | 0   | 0  | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WBLA      | 0                      | 22  | 14 | 0 | 8   | 8   | 12  | 75  | 183 | 5  | 117 | 41  | 105 | 0   | 1397 | 1987  |
| Total     | 188                    | 209 | 82 | 0 | 222 | 409 | 275 | 364 | 240 | 14 | 639 | 299 | 840 | 0   | 2878 | 6659  |

### 3 Sampling: Diverse MSAs with 50% criteria

Table 8: Average Racial-Ethnic Composition of each tract type from 1990-2010, 50% criterion

|      | 1990     |       |      |      |     | 2000     |      |      |      |     | 2010     |      |      |      |      |
|------|----------|-------|------|------|-----|----------|------|------|------|-----|----------|------|------|------|------|
|      | <i>N</i> | W (%) | B    | L    | A   | <i>N</i> | W    | B    | L    | A   | <i>N</i> | W    | B    | L    | A    |
| W    | 1235     | 94.6  | 2.7  | 1.9  | 0.5 | 1032     | 91.3 | 3.1  | 3.3  | 0.8 | 789      | 88.1 | 3.6  | 5.2  | 1.3  |
| B    | 396      | 7.1   | 91.2 | 1.2  | 0.3 | 417      | 6.1  | 89.7 | 2.2  | 0.4 | 393      | 5.5  | 87.9 | 4.0  | 0.7  |
| L    | 54       | 19.9  | 2.9  | 76.0 | 0.5 | 114      | 14.0 | 3.2  | 81.4 | 0.5 | 192      | 12.1 | 3.8  | 82.6 | 0.7  |
| A    |          |       |      |      |     |          |      |      |      |     | 1        | 19.4 | 4.0  | 6.5  | 66.6 |
| WB   | 616      | 74.3  | 23.6 | 1.3  | 0.5 | 467      | 70.7 | 23.8 | 2.9  | 0.7 | 439      | 63.3 | 27.5 | 5.4  | 1.3  |
| WL   | 627      | 81.8  | 2.9  | 14.1 | 0.6 | 616      | 73.8 | 3.8  | 19.8 | 0.7 | 634      | 66.6 | 4.6  | 25.5 | 1.3  |
| WA   | 825      | 89.6  | 3.8  | 2.7  | 3.7 | 946      | 83.0 | 4.1  | 4.3  | 6.6 | 803      | 75.6 | 4.6  | 6.4  | 10.8 |
| BL   | 188      | 13.2  | 60.3 | 25.7 | 0.4 | 308      | 11.0 | 54.0 | 32.9 | 0.6 | 470      | 9.7  | 48.9 | 38.9 | 0.9  |
| BA   | 121      | 21.8  | 43.6 | 28.1 | 5.9 | 265      | 18.0 | 37.9 | 32.7 | 8.6 | 361      | 15.2 | 33.3 | 39.4 | 9.8  |
| LA   | 16       | 21.4  | 5.3  | 62.9 | 9.7 | 49       | 18.6 | 5.2  | 68.5 | 6.2 | 62       | 17.0 | 5.9  | 65.6 | 10.0 |
| WBL  | 240      | 59.7  | 24.6 | 14.8 | 0.5 | 332      | 53.5 | 24.2 | 19.7 | 0.7 | 470      | 47.7 | 23.8 | 24.8 | 1.4  |
| WBA  | 453      | 70.9  | 22.6 | 2.5  | 3.6 | 402      | 64.2 | 23.7 | 4.3  | 5.3 | 368      | 57.6 | 23.0 | 6.9  | 9.4  |
| WLA  | 1161     | 79.5  | 4.6  | 11.1 | 4.5 | 851      | 67.4 | 5.4  | 17.5 | 7.1 | 699      | 60.5 | 6.2  | 21.6 | 9.1  |
| BLA  |          |       |      |      |     |          |      |      |      |     |          |      |      |      |      |
| WBLA | 730      | 58.1  | 23.6 | 12.1 | 5.8 | 861      | 48.0 | 25.3 | 16.3 | 7.3 | 986      | 43.1 | 24.4 | 20.5 | 8.9  |

Table 9: Transition Matrix from 1990-2000, 50%

| 1990 type | 2000 Neighborhood Type |     |     |   |     |     |     |     |     |    |     |     |     |     |      | Total |
|-----------|------------------------|-----|-----|---|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|------|-------|
|           | W                      | B   | L   | A | WB  | WL  | WA  | BL  | BA  | LA | WBL | WBA | WLA | BLA | WBLA |       |
| W         | 788                    | 0   | 0   | 0 | 77  | 89  | 202 | 0   | 0   | 0  | 12  | 35  | 25  | 0   | 7    | 1235  |
| B         | 0                      | 326 | 0   | 0 | 2   | 0   | 0   | 45  | 8   | 0  | 2   | 1   | 0   | 0   | 12   | 396   |
| L         | 0                      | 0   | 52  | 0 | 0   | 1   | 0   | 0   | 0   | 1  | 0   | 0   | 0   | 0   | 0    | 54    |
| A         | 0                      | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WB        | 68                     | 16  | 0   | 0 | 334 | 5   | 29  | 8   | 2   | 0  | 59  | 80  | 2   | 0   | 13   | 616   |
| WL        | 75                     | 0   | 30  | 0 | 0   | 357 | 32  | 1   | 1   | 4  | 38  | 0   | 74  | 0   | 15   | 627   |
| WA        | 71                     | 0   | 0   | 0 | 14  | 12  | 508 | 0   | 0   | 0  | 5   | 92  | 53  | 0   | 69   | 824   |
| BL        | 0                      | 4   | 10  | 0 | 0   | 1   | 0   | 150 | 8   | 2  | 10  | 0   | 0   | 0   | 3    | 188   |
| BA        | 0                      | 2   | 4   | 0 | 0   | 0   | 0   | 31  | 68  | 10 | 1   | 1   | 1   | 0   | 3    | 121   |
| LA        | 0                      | 0   | 6   | 0 | 0   | 1   | 0   | 0   | 2   | 7  |     | 0   | 0   | 0   | 0    | 16    |
| WBL       | 5                      | 4   | 4   | 0 | 9   | 25  | 0   | 33  | 4   | 0  | 118 | 3   | 3   | 0   | 31   | 239   |
| WBA       | 1                      | 26  | 0   | 0 | 28  | 0   | 16  | 4   | 20  | 0  | 14  | 169 | 6   | 0   | 169  | 453   |
| WLA       | 23                     | 0   | 7   | 0 | 1   | 111 | 156 | 0   | 2   | 19 | 26  | 8   | 636 | 0   | 171  | 1160  |
| BLA       | 0                      | 0   | 0   | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | 0    | 0     |
| WBLA      | 1                      | 39  | 1   | 0 | 2   | 14  | 2   | 36  | 150 | 6  | 47  | 13  | 51  | 0   | 368  | 730   |
| Total     | 1032                   | 417 | 114 | 0 | 467 | 616 | 945 | 308 | 265 | 49 | 332 | 402 | 851 | 0   | 861  | 6659  |