**Guiding questions:**

*What task did you work on? How was the output created? (Many tasks do not have outputs that are saved externally, but think of any data frames you create as outputs.) What data manipulation, imputation, and analysis steps did you undertake? What did you find? What is your interpretation of your findings? Were you able to achieve your objective and/or desired output? Are there pending steps? What are the next steps for this project?*

**Date: 10/17/2022**

**Script: Two.R on Sherlock**

Progress:

* Re-do block-to-place assignment with shapefiles on Sherlock
* Re-do buffers on laptop

Issues:

* Maryland was wrong, both buffers and the assignment of place ids to blocks
  + Even with base years, they don’t look right. i.e. 2007 block ids on 2007 places is showing way too many blocks.
    - Make sure there is 90% overlap for both base and end year
  + Buffers were also wrong—showing blocks that are within the place
    - Remove block IDs already in the place before generating the buffer file by filtering out those blocks before merging all the csv files.

**Date: 5/18-**

**Script: One. Block and Place Cleaning.R**

Progress:

* Double-check decade place data
* Re-interpolate 2014 data
  + Following bottom-/top-coding guide in interpolate\_acs.R in czi/tp/did
* Re-interpolate block data
  + Following bottom-/top-coding, and adding variables

Issues:

* Instead of doing population growth rates (e.g. a jump from 100 to 200 = 100% growth rate), do percentage point increases (e.g. 100/10,000 is not actually different from 200/20,000).
* Add additional variables to look at native, asian, other, and nbmin, consistently
* Fixed a type for 2020 block data where I had a typo in ‘owneroccupied’ that caused the 2014 interpolated file to not produce that variable

Next steps:

* Run analysis

Important notes:

**Date: 5/7-5/10**

**Script:**

Progress:

* Analysis of racial dilution as a result of annexation (i.e. annexation is the main IV)

Issues:

* Had to update everything because of the new periods, including getting 2013 data, 2007-2013, and 2014-2020
* 1990 and 2000 FIPS codes are mismatched + multiple places share the same Geo\_Qname, so there is no way to uniquely identify the same place across 1990 and 2000 🡪 solution: needed to download from NHGIS instead of SE

Next steps:

* Run analysis

Important notes:

* Prior data had been downloaded from SE/NHGIS manually

**Date: 5/3-5/6**

**Script: Three. 2\_DiD Panel Setup\_nobuff.R**

Progress:

* Make completed 2000-2007, 2007-2013, and 2014-2020 panel
  + Interpolate 2014 data, clean 2020 data
  + Re-update 1990-2000, 2000-2007, 2007-2013, 2014-2020
  + Download and clean 1990 data again 🡪 from NHGIS instead of SE

Issues:

* Had to update everything because of the new periods, including getting 2013 data, 2007-2013, and 2014-2020
* 1990 and 2000 FIPS codes are mismatched + multiple places share the same Geo\_Qname, so there is no way to uniquely identify the same place across 1990 and 2000 🡪 solution: needed to download from NHGIS instead of SE

Next steps:

* Run analysis

Important notes:

* Prior data had been downloaded from SE/NHGIS manually

**Date: 5/7-5/10**

**Script:**

Progress:

* Analysis of racial dilution as a result of annexation (i.e. annexation is the main IV)

Issues:

* Had to update everything because of the new periods, including getting 2013 data, 2007-2013, and 2014-2020
* 1990 and 2000 FIPS codes are mismatched + multiple places share the same Geo\_Qname, so there is no way to uniquely identify the same place across 1990 and 2000 🡪 solution: needed to download from NHGIS instead of SE

Next steps:

* Run analysis

Important notes:

* Prior data had been downloaded from SE/NHGIS manually