

Math 36 — Daily Homework

Assigned: 11/3

Due: 11/5

1. Using Districtr, create two congressional district maps of Ohio (15 districts). One map should try to maximize the number of districts Democrats win, and one should maximize the number of districts the Republicans win. For both, use 2020 presidential election data. Your districts must all be within 10% of the optimal district population size.

For both maps, you should turn in screenshots that clearly show the district map (turn off the election results layer if you were using it), the population size for each district, and the election results for each district.

If you are unable to print in color, you can email the screenshots to me at

Matthew.I.Jones.GR@dartmouth.edu. For the email subject line, put “Math 36 DH #23.”