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SI 206 Project 1 Reflection

- (a) The data was extremely surprising. I learned that Asians in South Dakota and whites in New-Hampshire show significant deviation from test taker percentage to percentage of state population. This being positive or negative is due to disregarding the absolute value of deviation.
- (b) I would incorporate a bar plot for the max_min data grouped by color for each category. For each state, I would formulate 2 pie charts, one for percentage of exam takers and another for percentage of state population.
- (c) I think that the data may be incorrect because sometimes the sum of all columns do not add up to the state total for census data. There seems to be some kind of discrepancy.
- (d) Disregarding the absolute function gives a better understanding of which race performs better relative to their population proportion. Frequently appearing states in the "max" part of min_max mean they perform poorly in terms of equality between races while frequently appearing states in the "min" part of min_max seem to be performing better.