Workspace

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Limitations

Talk about how using percentage of democratic votes is valid since the US is largely a 2 party system. However, this does not account for the maximum <5% of votes in a county that are given to 3rd party candidates and could cause problems, since we sort of make the assumption that gop and dem are the only ones that get votes.

$$
\begin{aligned}
link(\mu_i) =& \beta_0 + \beta_1 * (Trader.Joes.in.County_i = True) + \beta_2 * (Cabelas.in.County_i = True) + \\
& \beta_3 * (Cinemark.in.County_i = True) + \beta_4 * (Nordstrom.in.County_i = True) + \\
& \beta_5 * (White.Population) + \beta_6 * (Black.Population) + \beta_7 * (Hispanic.Population) + \\
& \beta_8 * (Asian.Population) + \beta_9 * (Other.Population) + \\
& \beta_10 * (Male.Population) + \beta_11 * (Female.Population) + \\
& \beta_12 * (Percent.with.College.Education) + \beta_13 * (Percent.in.Poverty) + \\
& \beta_14 * (Percent.Unemployed) + \beta_1 * (Urban.County = True)
\end{aligned}
$$