

**Data Sources for “Voting Costs and Voter Turnout in Competitive Elections”
by Bernard Fraga and Eitan Hersh (2011)**

The following variables were extracted directly from the datafile used in Gomez, Brad T., Thomas G. Hansford and George A. Krause. 2007. "The Republicans Should Pray for Rain: Weather, Turnout, and Voting in U.S. Presidential Elections." *Journal of Politics* 69 (August): 649-663. Data available at <http://myweb.fsu.edu/bgomez/research.html>

Year	GOPVoteShare_3MA	Property	Rain
State	PctBlack	Literacy	Snow
County	ZPctHSGrad	PollTax	Rain_Dev
FIPS_County	FarmsPerCap	Motor	Snow_Dev
Turnout	Unemploy	GubElection	RD_GOPVS
Turnout_Lag	AdjIncome	SenElection	SD_GOPVS
GOPVoteShare	Closing	Yr52 to Yr2000	

We merged the above dataset with new, original variables relevant to our analysis, including the following:

avg_rain – Derived from the **Rain** and **Rain_Dev** variables from above, measured in inches

avg_snow – Derived from the **Snow** and **Snow_Dev** variables from above, measured in inches

post_competitive – Proportion of the two-party vote share going to the Democratic presidential candidate in the State. Data from Dave Leip's Atlas of US Presidential Elections. See notes in paper for full citation.

ante_competitive – Estimated proportion of the two-party vote share going to the Democratic presidential candidate in the state, using data from Campbell, Ali, and Jalalzai (2005). See notes in paper for more details about this measure.

south – 1 if state was one of the 11 states of the Confederacy, 0 otherwise.

no_dem – 1 if the national Democratic party nominee was not on the state ticket, 0 otherwise

battleground – Status as a battleground state based on Shaw (2006). 1 if Battleground, 0 if Non-battleground, missing if not addressed in the Shaw data.

Precip – Combined rain plus snow total using snow conversion. See notes in paper for details.

avg_precip – Combined average rain plus average snow using conversion

precip_Dev – Combined deviation from normal rain plus snow using conversion

yr48_60 – 1 if observation was prior to 1964, 0 otherwise.