Assignment 6

1. Consider the dataset cps2004.dta, which comes from the article "Election Laws, Mobilization, and Turnout", by Burden et al.

(a) Consider the multinomial logit results reported in Table 2 of the paper for 2004. A few of the variables are coded differently in cps2004.dta, so the coefficient estimates will not be exactly the same. Furthermore, the standard errors will be different because Burden et al. cluster the standard errors by state. Produce the results of a multinomial logit regression similar to the one reported in Table 2. Note that the multinomial logit routine from the mlogit package does not work properly on this dataset. You may use the code mnl.r from the course website to estimate the model, or you may use stata's mlogit command, though the latter will make it harder to report substantive effects.

(b) Interpret the coefficients from part (a) (you don't have to interpret all 78 of them, just enough to demonstrate that you know how to interpret multinomial logit coefficients.

(c) Report substantive effect sizes for the 5 election law dummies. Note that the variables are coded to be mutually exclusive, i.e. the early voting dummy is coded as zero for states that have both early voting and EDR/SDR.

(d) Does being black increase one's probability of voting early in person relative to voting early by mail? (make sure to refer to statistical significance in your analysis).

(e) Would it have made sense for Burden et al. to use a conditional logit model in their analysis? Would it have made sense for Burden et al. to use a multinomial logit model in their analysis?