

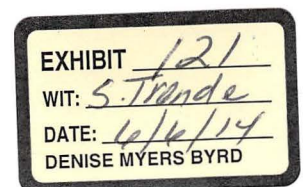
### Multiple Documents

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## EXHIBIT 2

Supplement To Declaration of Sean P. Trende

1. In the course of preparing for my deposition, I noted that Dr. Gronke claimed that I had mis-coded two variables. I agree with his observation that California should have been coded as not having same-day registration in 2012, as that law had not yet gone into effect. This led me to doublecheck my coding, which led me to the conclusion that I had coded the “laws” variable with respect to laws as they exist in 2014, not as they had existed in 2012.
2. Arizona should not have been coded as having pre-registration. This appears to be an inadvertent keystroke.
3. North Carolina should have been coded as having same-day registration, 17 days of early voting, and out of precinct voting.
4. Minnesota should have been coded as having zero days of early voting.
5. Colorado should have been coded as having no pre-registration and no same-day registration.
6. In addition, the baseline numbers for the midterm regression analysis were incorrect.
7. None of these changes alters my conclusions regarding the significance of the variables.
8. In paragraph 121, I stated “The effect is small, however, and is not statistically significant at 95% confidence ( $p=.18$ ). If you will, it is within the ‘margin of error.’ Nor is much of the variance explained ( $r^2=.0247$ ).”
9. With the adjusted coding, the p-value is .171 and the  $r^2$  is .0281.
10. In paragraph 123, I wrote “[r] e-running the regression with this control in place reduces the significance of the ‘laws’ variable further ( $p=.246$ ), while target state status becomes highly significant ( $p=.0085$ ). The  $r^2$  jumps to .197.”



11. With the adjusted coding, the p-value for laws is .232. The p-value for target state status is .0087. The  $r^2$  is .0199.
12. In paragraph 124, I wrote “[i]f we add a control for African American turnout in 2000, both it and the target state variable return as statistically significant ( $p=.014$  and  $p=.012$ , respectively). The ‘laws’ variable becomes even less significant ( $p=.318$ ). The  $r^2$  increases to .322.”
13. With the adjusted coding, the p-value for baseline and target state are .012 and .012, respectively. The p-value for the laws variable is .237.
14. In paragraph 125, I wrote “[a]dopting pre-registration at age 16 has no statistically significant correlation with African American turnout ( $p=.54$ ). Implementing same-day registration has no statistically significant correlation with African American turnout ( $p=.98$ ). Counting ballots filed out of precinct has no statistically significant correlation with African American turnout – indeed, what correlation there is suggests a negative effect on turnout ( $p=.134$ ). Nor does the number of days for early voting correlate with African American turnout ( $p=.569$ ).”
15. With the adjusted coding, the p-value for the ‘laws’ variable for pre-registration at age 16 is .60, for same-day registration is .09, for out-of-precinct voting is .50 (the coefficient is still negative), and for early voting days is .67.
16. In paragraph 135, I wrote “The relationship between the number of laws passed and the change in turnout was not statistically significant ( $p=.97$ ), and in fact the coefficient suggests a negative relationship ( $b=-.00046$ ). Controlling for baseline African American participation and whether the state had a competitive race in 1998 and/or 2010 helps the

significance of the 'laws' variable somewhat, but it does not begin to approach significance ( $p=.792001$ )."

17. With the adjusted coding, the p-value is .68 and the coefficient is -.006. With controls in place, the significance of the laws variable is .51.
18. None of these changes causes a variable that was not statistically significant in my original report to achieve statistical significance.

## General Information

<b>Court</b>	United States District Court for the Middle District of North Carolina; United States District Court for the Middle District of North Carolina
<b>Federal Nature of Suit</b>	Civil Rights - Voting[441]
<b>Docket Number</b>	1:13-cv-00660