

A Prediction of 2019 Canadian Federal Election Result based on CES and Post-Stratification dataset while assuming there is no missing vote

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2019 Canadian Federal election, Multilevel regression with poststratification Model, Observational Study

Data

The survey data is obtained from Harvard Dataverse which was collected through online questionnaire. While the census data is obtained from Statistics Canada who conducts a census every five years. So the census data recorded the responds of public in 2016 which may lead to an avoidless bias.

Reference

- Hadley Wickham and Evan Miller (2020). haven: Import and Export ‘SPSS’, ‘Stata’ and ‘SAS’ Files. R package version 2.3.1. <https://CRAN.R-project.org/package=haven>
- Wickham et al., (2019). Welcome to the tidyverse. Journal of Open Source Software, 4(43), 1686, <https://doi.org/10.21105/joss.01686>
- Stephenson, Laura B; Harell, Allison; Rubenson, Daniel; Loewen, Peter John, 2020, “2019 Canadian Election Study - Online Survey”, <https://doi.org/10.7910/DVN/DUS88V>, Harvard Dataverse, V1
- Statistics Canada. (2003). Census Profile, 2016 Census, https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/details/page_Download-Telecharger.cfm?Lang=E&Tab=1&Geo1=PR&Code1=01&Geo2=PR&Code2=01&SearchText=01&SearchType=Begins&SearchPR=01&B1=All&TABID=3&type=0
- Allaire J, Xie Y, McPherson J, Luraschi J, Ushey K, Atkins A, Wickham H, Cheng J, Chang W, Iannone R (2020). rmarkdown: Dynamic Documents for R. R package version 2.6, <https://github.com/rstudio/rmarkdown>.