Canadian Election Study 2021 Dictionary Coding Dataset Codebook

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Intro

In the CES 21 respondents were asked "What is the most important issue to **you personally** in this federal election?" (**cps21_imp_iss**). This question was open ended and allowed respondents to write in their answers. Respondents' answers to **cps21_imp_iss** were placed into broader categories, such as issues relating to the economy, using a dictionary-based method for categorizing written free responses. The results were output in the dataset "CES21_dictionarycoding_public_release_final.dta". Also available is a PDF, "Categorizing Written Responses with a Dictionary Approach[1]" which contains a detailed explanation of the dictionary approach that was used and the R code that was used.

CES 21 Dictionary Coding Dataset

cps21_ResponseId Unique identification code for each response. The dictionary dataset can be merged into the CES dataset ("2021 Canadian Election Study v1.0.") matching on **cps21_ResponseId.**

economy Counts the number of "hits" from the "economy dictionary" that appeared in the respondent's answer to **cps21_imp_iss.** The dictionary for each category can be found in the PDF "dictionary_method_memo.pdf".

economydum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "economy dictionary". 1 indicates that the response has at least one hit that matches the "economy dictionary". 0 indicates no matches.

enviro Counts the number of "hits" from the "Enviro dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

envirodum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Enviro dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Enviro dictionary". 0 indicates no matches.

immigration Counts the number of "hits" from the "Immigration dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

immigrationdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Immigration dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Immigration dictionary". 0 indicates no matches.

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[1] The correct citation for the PDF and code is: Maxime St. Jean. 2023. Categorizing Written Responses with a Dictionary Approach. C-Dem Report #2023-04-11.

healthcare Counts the number of "hits" from the "Healthcare dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

healthcaredum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Healthcare dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Healthcare dictionary". 0 indicates no matches.

housing Counts the number of "hits" from the "Housing dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

housingdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Housing dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Housing dictionary". 0 indicates no matches.

seniors Counts the number of "hits" from the "seniors dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

seniorsdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "seniors dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "seniors dictionary". 0 indicates no matches.

leaders Counts the number of "hits" from the "leaders dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

leadersdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "leaders dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "leaders dictionary". 0 indicates no matches.

ethics Counts the number of "hits" from the "ethics dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

ethicsdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "ethics dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "ethics dictionary". 0 indicates no matches.

education Counts the number of "hits" from the "education dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

educationdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "education dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "education dictionary". 0 indicates no matches.

crime Counts the number of "hits" from the "crime and guns dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

crimedum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "crime and guns dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "crime and guns dictionary". 0 indicates no matches.

indigenous Counts the number of "hits" from the "Indigenous dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

indigenousdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Indigenous dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Indigenous dictionary". 0 indicates no matches.

welfare Counts the number of "hits" from the "other welfare dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

welfaredum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "other welfare dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "other welfare dictionary". 0 indicates no matches.

election Counts the number of "hits" from the "electoral reform dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

electiondum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "electoral reform dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "electoral reform dictionary". 0 indicates no matches.

women Counts the number of "hits" from the "women's issues and abortion dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

womendum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "women's issues and abortion dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "women's issues and abortion dictionary". 0 indicates no matches.

security Counts the number of "hits" from the "Security/defense and IR dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

securitydum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Security/defense and IR dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Security/defense and IR dictionary". 0 indicates no matches.

quebec Counts the number of "hits" from the "Quebec and Law 21 dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

quebecdum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "Qubec and Law 21 dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "Qubec and Law 21 dictionary". 0 indicates no matches.

race Counts the number of "hits" from the "race dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

racedum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "race dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "race dictionary". 0 indicates no matches.

covid Counts the number of "hits" from the "covid dictionary" that appeared in the respondent's answer to **cps21_imp_iss.**

coviddum Binary variable that flags if the response to **cps21_imp_iss** has any matches to the "covid dictionary". 1 indicates that the response to **cps21_imp_iss** has at least one hit that matches the "covid dictionary". 0 indicates no matches.

immindracedum Binary variable that collapses 'immigrationdum', 'indigenousdum', and 'racedum'. If any of those columns have a 1, a 1 is recorded, otherwise a 0.

ethleadelecdum Binary variable that collapses 'ethicsdum', 'leadersdum', and 'electiondum'. If any of those columns have a 1, a 1 is recorded, otherwise a 0.

otherwelfaredum Binary variable that collapses 'housingdum', 'welfaredum', and 'seniorsdum'. If any of those columns have a 1, a 1 is recorded, otherwise a 0.

complete_cat_count Records the number of categories that have at least one hit to their relevant dictionaries (the sum by row of all the dictionary variables ending in 'dum'). NOTE: the variables above (immindracedum, ethleadelecdum, otherwelfaredum) are included, but the variables they collapse are excluded. This was done to avoid double-counting.

number_of_cats The same as 'complete_cat_count' above, except excludes 'womendum' and 'quebecdum'.

Multcat Binary variable that records a 1 if number_of_cats is greater than 1, and 0 otherwise.