Codebook and Description of Replication Data

"Reactions to Experts in Deliberative Democracy: The 2016–2018 Irish Citizens' Assembly"

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This document describes the R scripts and all variables that are included in the replication datasets.

R Scripts

- `01_Analysis.R` loads our novel text corpus (data_deliberation_ireland.rds) and the associated reference datasets and supporting datasets (coding_citizens_assembly.csv, topics_ref.rds, data_oecd_delibprocesses.csv, and data_coding_qualitative.csv). It contains the code to reproduce most of the plots and tables from the main paper and appendix. If you use the text corpus in your research, please cite our paper published in Irish Political Studies. The original YouTube videos and the associated closed captions used to construct data_deliberation_ireland.rds can be found by following the hyperlinks included in the dataset itself.
- `02_Analysis_Chunks.R` contains the code to generate the remaining tables and plots included in our paper. These are based on the analysis of the corpus when each session is broken into smaller chunks. The analysis is based on the same datasets as `01_Analysis.R`

Note

All analyses have been conducted successfully on 15 April 2023 using the following package versions:

```
> sessionInfo()
R version 4.2.3 (2023-03-15)
Platform: x86_64-apple-darwin17.0 (64-bit)
Running under: macOS Ventura 13.2.1

Matrix products: default
```

```
LAPACK:
/Library/Frameworks/R.framework/Versions/4.2/Resources/lib/libRlapack.dylib

locale:
[1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8

attached base packages:
[1] stats     graphics  grDevices utils     datasets  methods   base

other attached packages:
 [1] texreg_1.38.6   ggeffects_1.1.5 furrr_0.3.1     future_1.30.0
 [5] cowplot_1.1.1   stm_1.3.6       forcats_1.0.0   stringr_1.5.0
 [9] dplyr_1.1.0     purrr_1.0.1     readr_2.1.4     tidyr_1.3.0
[13] tibble_3.2.0    ggplot2_3.4.0   tidyverse_1.3.2 quanteda_3.3.0

loaded via a namespace (and not attached):
 [1] httr_1.4.4          bit64_4.0.5         vroom_1.6.1
 [4] jsonlite_1.8.4      modelr_0.1.10       RcppParallel_5.1.7
 [7] assertthat_0.2.1    vipor_0.4.5         googlesheets4_1.0.1
[10] cellranger_1.1.0    slam_0.1-50         globals_0.16.2
[13] pillar_1.8.1        backports_1.4.1     lattice_0.20-45
[16] glue_1.6.2          digest_0.6.31       rvest_1.0.3
[19] colorspace_2.1-0    Matrix_1.5-3        pkgconfig_2.0.3
[22] broom_1.0.3         listenv_0.9.0       haven_2.5.1
[25] scales_1.2.1        tzdb_0.3.0          timechange_0.2.0
[28] googledrive_2.0.0   generics_0.1.3      farver_2.1.1
[31] ellipsis_0.3.2      withr_2.5.0         cli_3.6.0
[34] magrittr_2.0.3      crayon_1.5.2        readxl_1.4.1
[37] stopwords_2.3       fs_1.6.0            fansi_1.0.4
[40] parallelly_1.34.0   xml2_1.3.3          beeswarm_0.4.0
[43] textshaping_0.3.6   tools_4.2.3         data.table_1.14.6
[46] hms_1.1.2           matrixStats_0.63.0  gargle_1.3.0
[49] lifecycle_1.0.3     munsell_0.5.0       reprex_2.0.2
[52] compiler_4.2.3      systemfonts_1.0.4   rlang_1.0.6
[55] grid_4.2.3          rstudioapi_0.14     labeling_0.4.2
[58] gtable_0.3.1        codetools_0.2-19    DBI_1.1.3
[61] R6_2.5.1            lubridate_1.9.1     bit_4.0.5
[64] utf8_1.2.3          fastmatch_1.1-3     insight_0.19.0
[67] ragg_1.2.5          stringi_1.7.12      ggbeeswarm_0.7.1
[70] parallel_4.2.3      Rcpp_1.0.10         vctrs_0.5.2
[73] dbplyr_2.3.0        tidyselect_1.2.0
```