This repository contains the replication material for "Media's Influence on LGBTQ Support Across Africa" to be published in the *British Journal of Political Science*. Below, I describe each of the files in this respository.

Build/Clean Data

- `Rprofile.R` is a script that installs the required packages and functions that are used throughout the analysis. This is a dependency file.
- `build.R` cleans the source Afrobarometer data, joins it with country level indicators (Freedom House and KOF), and subsets into a new dataset (`data/afrobarometer.RDS`).
- `codbook.pdf` descries the variables in the cleaned dataset.

Raw Data

The `data-raw/` directory contains source data that is used to create a cleaned data set for analysis. Below, I describe each data file and provide information on how to access the original data.

- `afrobarometer/merged_r6_data_2016_36countries2.sav` contains the merged Round 6 Afrobarometer data. This was accessed from: http://afrobarometer.org/data
- `afrobarometer/merged-round-5-data-34-countries-2011-2013-last-update-july-2015.sav` contains the merged Round 5 Afrobarometer data. This was accessed from: http://afrobarometer.org/data
- `freedom_house/freedom_of_press.csv` contains the 2015 Freedom of the Press ratings. This was accessed from: https://freedomhouse.org/report-types/freedom-press
- `kof/data_2018.csv` contains the KOF data. This was accessed from: https://www.kof.ethz.ch/en/forecasts-and-indicators/indicators/kof-globalisation-index.html
- `google_search/KE_2017_gay.csv` contains the Kenya search trends data for period of Jan-23-2017 to Oct-15-2017. `google_search/UK_2017_gay.csv` contains the UK search trends for period of Jan-23-2017 to Oct-15-2017. This data was accessed from: https://trends.google.com

Data

The `data` directory contains the cleaned dataset used throughout the analyais and created during the build process. This includes the following data file:

- `afrobarometer.rds` / `afrobarometer.csv`

Analysis

The `analysis` directory contains the code to run models and produce all tables/figures in paper and appendix. Below, I describe each script and its outputs.

- `descriptives.R` to generate tables and figures of descriptive data:
  - Table 1 (changes in media consumption R5->R6)
  - Figure 1 (distribution of dependent var by country)
  - Table A.1 (descriptive stats of main vars)
  - Table A.2 (correlation matrix)
  - Figure A.1a-b (distribution of ordinal and binary dependent var)
  - Figure A.2 (distribution of binary dependent var by country)
  - Figure A.3a-f (distribution of independent vars)
- `models.R` to run main models and generate latex table output for:

  - Table 2 (logit results)
  - Table A.3 (OLS results)
  - Table A.4 (probit results)
- `models_with_religion.R` to add religion to main model and create output for:
  - Table A.6 (logit results with religion control)
- `multilevel_models.R` to run the multilevel models and create output for:
  - Table A.5 (multilevel of main results)
  - Table A.13 (multilevel of Freedom House interaction)
  - Table A.17 (multilevel of KOF interaction)
- `robustness.R` to generate robustness (placebo, Freedom House/KOF interaction) and create output for:
  - Table A.7 (logit results for religion placebo)
  - Table A.8 (logit results for ethnicity placebo)
  - Table A.9 (logit results for HIV+ placebo)
  - Table A.10 (logit results for immigrant placebo)
  - Table A.11 (ols results for freedom house interaction)
  - Table A.12 (logit results for freedom house interaction)
  - Table A.15 (ols results for KOF interaction)
  - Table A.16 (logit results for KOF interaction)
- `FD_plots.R` to create first differences plots of OLS, Logit, and multilevel models:
  - Figure 2 (first differences of all main models)
  - Figure A.4a (OLS first differences w/ and w/o social tolerance)
  - Figure A.4b (logit first differences w/ and w/o social tolerance)
  - Figure A.4c (multilevel first differences w/ and w/o social tolerance)
- `robustness_logit.R` to create first differences plot for placebo models:
  - Figure 3 (logit first differences of placebo models)
- `kof_margins.R` to create marginal effects plot for KOF interaction:
  - Figure 4 (marginal effect of media across KOF levels)
- `multilevel_by_country.R` to run multilevel model within each country and generate:
  - Figure A.5a-e (first differences of freedom house interaction by country)
  - Figure A.6a-e (first differences of KOF interaction by country)
- `google.R` to create plots and tables related to Google trends data:
  - Figure A.7 (google searches in Kenya)
  - Figure A.8 (google searches in Kenya & UK)
  - Table A.18 (rising topics in Kenya)
  - Table A.19 (rising topics in 10 random countries)

If you notice any errors in the code or if you have trouble replicating any of portions of the paper, please reach out to me.