Codebook: Measuring Dynamic Media Bias

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All figures in the manuscript are produced in the replication.R code file. The online supplemental material (https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/I2K54B). Screen time comes from the Stanford TV Analyzer (https://tvnews.stanford.edu/) which describes their methodology for calculating screen time and the facial recognition algorithm. Information on the calculation of Adam Bonica's DIME ideology scores can be found at https://data.stanford.edu/dime.

Description of datasets:

- **screen_panel.RData**: Full panel of screen time by person, day and channel.
- **show_screen_panel.RData**: Full panel of screen time by person, channel, day and timeslot (8-10 AM; 1-3 PM; 7-9 PM).
- **topshows.RData:** Panel of screen time by person, day, channel and specific show.
- **individual_shows.RData:** Additional panel of screen time by person, channel, day and show.
- **non_politicians_check.csv**: File containing names of non-politicians in the Stanford TV Analyzer dataset.

Description of variables:

- **date**: the year-month-day of the screen time
- screentime: the amount of screen time, measured by the Stanford TV Analyzer, in seconds.
- **channel**: CNN, FOXNEWS or MSNBC
- **name**: the unique person name used in the Stanford TV Analyzer
- **stanford_name**: a cleaned version of the name variable
- **candidate**: a 0 or 1 indicator of whether the individual appears in Bonica's DIME database as a political candidate.
- **week**: the week number in a given year
- **hour**: the time block the screen time is measured for based on a 24-hour clock
- **cfscore**: the individual's CF ideology score from Bonica's DIME database
- **show**: the unique show name (i.e., Hannity)