Details of LIWC Analysis

The process of analyzing the tweets for affect involves uploading a comma-separated values file featuring each tweet in a separate row to the LIWC program. For each tweet (row), LIWC provides the percentage of words that fit each category. To calculate the total number of words that fall under each category for each tweet, we multiplied each percentage by the total number of words in each tweet (LIWC provides this) and then divided by 100, and rounded to the nearest whole number, as necessary. For example, if the percentage of angry words in a 26-word tweet was 3.85%, we would get a score of 100.1. Divided by 100, we get a score 1.001, which would then be rounded to 1. We then collapsed the dataset by legislator, providing a total amount of angry, anxious, and sad words used by each legislator during the collection period.

Examples of "Sad" Tweets

Below is a random selection of tweets which included "sad" words. "Sad" words are highlighted in the text.

- We failed in Iraq and we are failing the Yemeni peopl https://t.co/CDB1myqfKH"
- Devin Nunes-
  backed tariffs are hurting our growers and in conjunction our local economy. Ive been me eting with alm https://t.co/E0JYfuLRhS
- "Sadly, @Morse4America doublesdown on her support of the universally failed #Obama care policies that have left mill https://t.co/8sznWrQo9I"
- "Its so disappointing that they would bring this thing to a vote! What a travesty of justice, to have womens voices suppressed. This Senate Judicial Committee is out oftouch!"
- Some humor cast on a very sad chapter in American history. #NY19 https://t.co/OTcIYA DDR4
- Cruel. Inhumane. Traumatizing. Children do not belong in isolated detention camps. The y belong with their families. https://t.co/gapbHPd2wp
- ".@nytimes writes how the HOUSE #FarmBill would be devastating to American familie s & seniors who rely on SNAP. Our @SenateAg Farm Bill is bipartisan, helpsfarmer s, and protects our most vulnerable citizens. Im working hard in conference to pass it. RE AD: https://t.co/Qb6XMvNJws"
- How does this improve our failing schools?
- #OH13 under @TimRyan has lost 19,200 manufacturing jobs a 42% decrease since 2002. ..and has lost over 2,100 since January 2017!
- "The toxic algal blooms destroy our environment, keep tourists away and depress our loc al economy. That's why I have https://t.co/Il8KF7NYXR"
- "@realDonaldTrump has not learned from our failed history in Iraq and Libya.
- "Read my @IrontonTribune oped about Kavanaugh: ""Despite Ohioans overwhelmingly electing President Trump in 2016, Sherrod Brown continues to block PresidentTrumps ap pointees, stall his judicial nominees, and blindly obstruct his economic agenda."" #OHSe n https://t.co/zMbDwJ1dKb"
- "Colorado, in case you missed it: I'm the ONLY Congressional D5 Candidate that suppor ts LGBTQ rights, Separation of https://t.co/cIQ1aaoNPH"

- ?? Ensure that your friends reject anti-#LGBTQ pro-equality politicans this Election Day by sending them to https://t.co/Co8CApKugs https://t.co/yJ5MPbAxPn"
- Communities damaged and lives lost https://t.co/H6HH4oWud0"
- The current representative for our district continues to fail to protect our healthcare. Dismantling the ACA would endanger coverage for 1 in 5 people in our district. Ourhealth isn't partisan. Let's put #peoplebeforeparty and work to stabilize the #ACA. https://t.co/Gixkc9sVHI
- "Unemployment benefits fell last week to the LOWEST in almost five decades!
- CT taxpayers stand to lose $10 billion under the GOP tax law. Join me in standing up for Connecticut and protecting https://t.co/S7wvgQLdAj
- "The sky is darkening outside from impending rain. I'm alone in my office, it's somber. I'm recalling the day before https://t.co/ie2qLtw94m"