100 most common by-law concerns

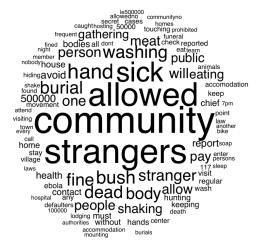


Figure 1: Word cloud of answers from the Social Mobilization Action Consortium data regarding the largest public health social mobilization effort to date, involving over 2,000 mobilizers during the 2014-2016 Ebola outbreak in Sierra Leone. The SMAC data is available online.

Data Lab (CS 395), Spring 2020: Challenge #2 of N

Done with jigsaw teaming (see below). Presentations due on 03/10/2020 (by videoconference).

- 1. Parse the SMAC data files. I recommend focusing on the file about paper reports (peak of the outbreak). Be careful about typos and matching locations.
- 2. To explore the data, reproduce the analyses from the SMAC paper.
- 3. Identify surprising chiefdoms: Regions that had a lot more or a lot less cases than neighbors. Do they stand-out in social mobilization data?
- 4. Continue the exploration in interesting directions...
 - Compare the attack rate in people to the attack rate over chiefdoms.
 - Is there any evidence that misinformation or distrust in the intervention lead to lower rates of reporting, safe burials and referrals?
 - Are social mobilizers from different organizations getting similar ratings in the different evaluation metrics?

Data Lab (CS 395), Spring 2020: Challenge #2 of N

Teams based on the jigsaw model¹.

6 multidisciplinary teams:

- Natalia Aristizábal, Alexander Trehubenko, Josh Minot, Todd DeLuca, Arlo Cohen, Karl Kaiser.
- 2. Erika Bueno, Skye Lockwood, Beau Duval, Dylan Casey, Sarah Pell.
- 3. Anoob Prakash, Jessica Cole, Elizabeth Espinosa, Erik Brown, Samuel Rosenblatt, Colin Van Oort.
- 4. Zoe Portlas, Baxter Worthing, Ollin Demian Langle Chimal, Anthony Barrows, Wyatt Wu.
- 5. Connor Klopfer, Emily Beasley, Michael Arnold, Kelly Gothard, Mark Kirby, Farzana Akhter.
- 6. Max Green, Jane Adams, Brendan Case, Joshua Powers, Jack Felag.

3 meta-teams:

- Team QuEST: Natalia Aristizábal, Alexander Trehubenko, Erika Bueno, Skye Lockwood, Anoob Prakash, Emily Beasley, Zoe Portlas, Baxter Worthing, Connor Klopfer, Jessica Cole, Max Green
- 2. Team CSYS: Josh Minot, Kelly Gothard, Beau Duval, Dylan Casey, Elizabeth Espinosa, Erik Brown, Ollin Demian Langle Chimal, Anthony Barrows, Michael Arnold, Todd DeLuca, Jane Adams
- 3. Team CS: Arlo Cohen, Karl Kaiser, Joshua Powers, Sarah Pell, Samuel Rosenblatt, Colin Van Oort, Wyatt Wu, Jack Felag, Mark Kirby, Farzana Akhter, Brendan Case

¹Aronson, Elliot. The jigsaw classroom. Sage, 1978.