

Table 1: The top 5 features for each feature type and topic based on Mutual Information.

| Topics/Top10 | Natural Disaster | Epidemics | Iran Deal | Social Issues |
|---------------------|----------------------------|--------------------|------------------|----------------------|
| From | from_japan | changedecopine | mazandara | debtadvisoruk |
| From | everyearthquake | stylishoz | freeiran9292 | nsingerdebtpa |
| From | quakestoday | drdaveanddee | hhadi119 | negativeequity |
| From | equakea | soliant_schools | balouchn2 | iris_messenger |
| From | davewinfields | msgubot | jeffandsimon | dolphin_ls |
| Hashtag | #earthquake | #health | #iran | #ferguson |
| Hashtag | #haiyan | #uniteblue | #irantalks | #mikebrown |
| Hashtag | #storm | #ebola | #iranian | #ericgarner |
| Hashtag | #PrayForThePhilippines | #healthcare | #rouhani | #blacklivesm |
| Hashtag | #tornado | #fitness | #irantalksvienna | #icantbreathe |
| Location | With everyone | USA | France | St Louis MO |
| Location | Earth | Francophone | Tehran Iran | Washington D |
| Location | Philippines | United States | Inside of Iran | St Louis |
| Location | Don't follow me am i a bot | Gainesville FL USA | Iran | Virginia US |
| Location | Global planet earth | Boulder Colorado | Washington DC | Saint Louis M |
| Mention | @oxfamgb | @foxtramedia | @ap | @natedrug |
| Mention | @gabriele_corno | @obi_obadike | @afp | @deray |
| Mention | @weatherchannel | @who | @iran_policy | @antoniofren |
| Mention | @twcbreaking | @kayla_itsines | @4freedominiran | @bipartisanis |
| Mention | @redcross | @canproveit | @orgiac | @theanonmes |
| Term | typhoon | health | nuclear | police |
| Term | philippines | ebola | regime | protesters |
| Term | magnitude | outbreak | iran | officer |
| Term | storm | virus | iranian | cops |
| Term | usgs | acrxx | mullahs | protest |