2021

Kevork Sulahian

3/12/2021

Names of the available columns in the dataset

```
##  [1] "data_id"          "iso"              "event_id_cnty"    "event_id_no_cnty"
##  [5] "event_date"       "year"             "time_precision"   "event_type"
##  [9] "sub_event_type"   "actor1"           "assoc_actor_1"    "inter1"
## [13] "actor2"           "assoc_actor_2"    "inter2"           "interaction"
## [17] "region"           "country"          "admin1"           "admin2"
## [21] "admin3"           "location"         "latitude"         "longitude"
## [25] "geo_precision"    "source"           "source_scale"     "notes"
## [29] "fatalities"       "timestamp"        "iso3"
```

Number of unique events that are specified in the data set As seen there are only 3 types of events in 2021, while in previous years there were more

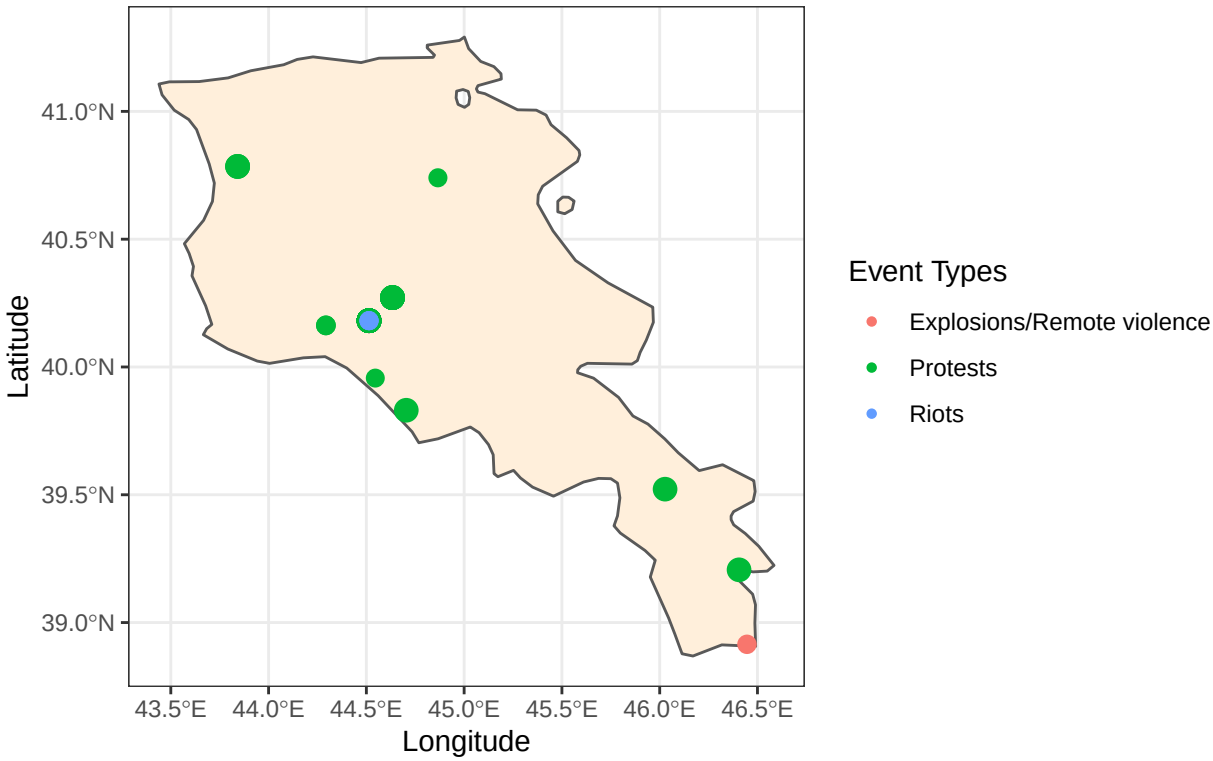
```
## [1] "Protests"                   "Riots"
## [3] "Explosions/Remote violence"
```

The main actors of said events

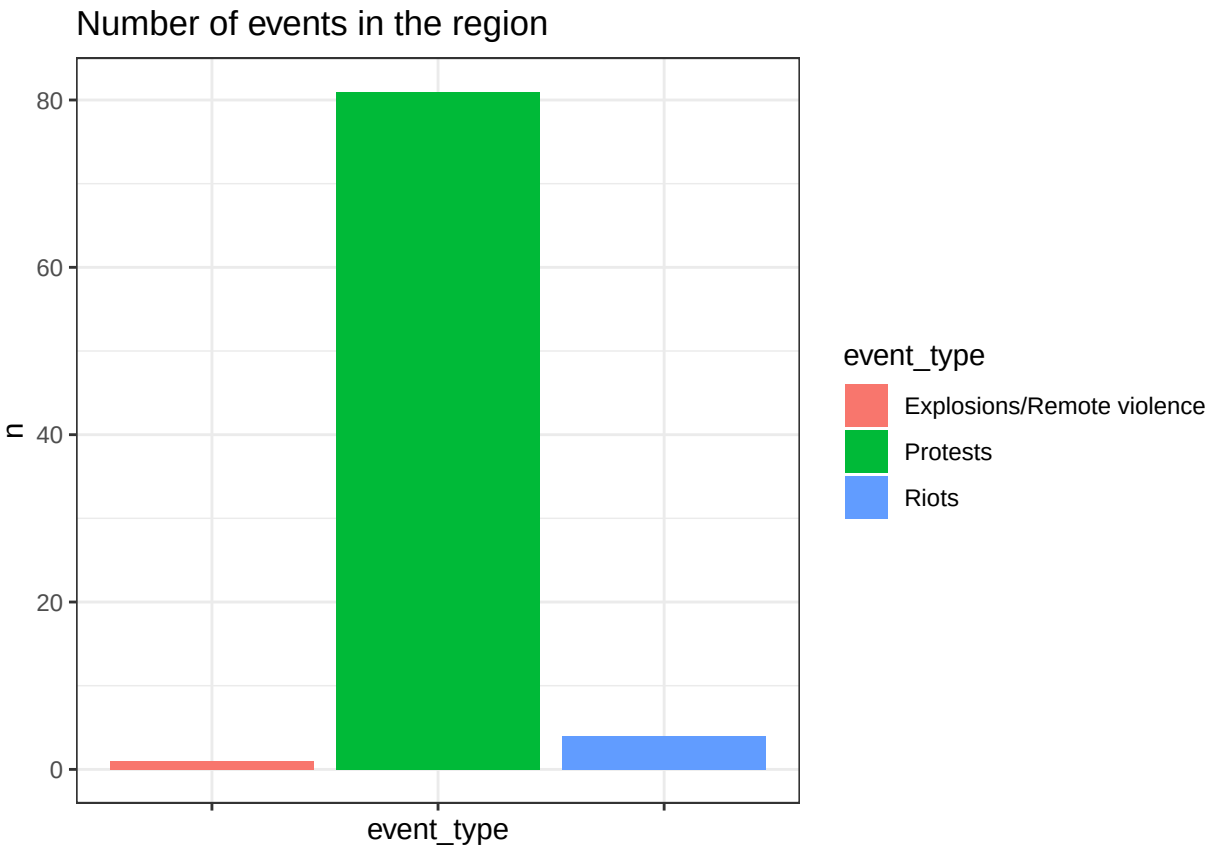
```
## [1] "Protesters (Armenia)"         "Protesters (Azerbaijan)"
## [3] "Rioters (Armenia)"            "Unidentified Military Forces"
```

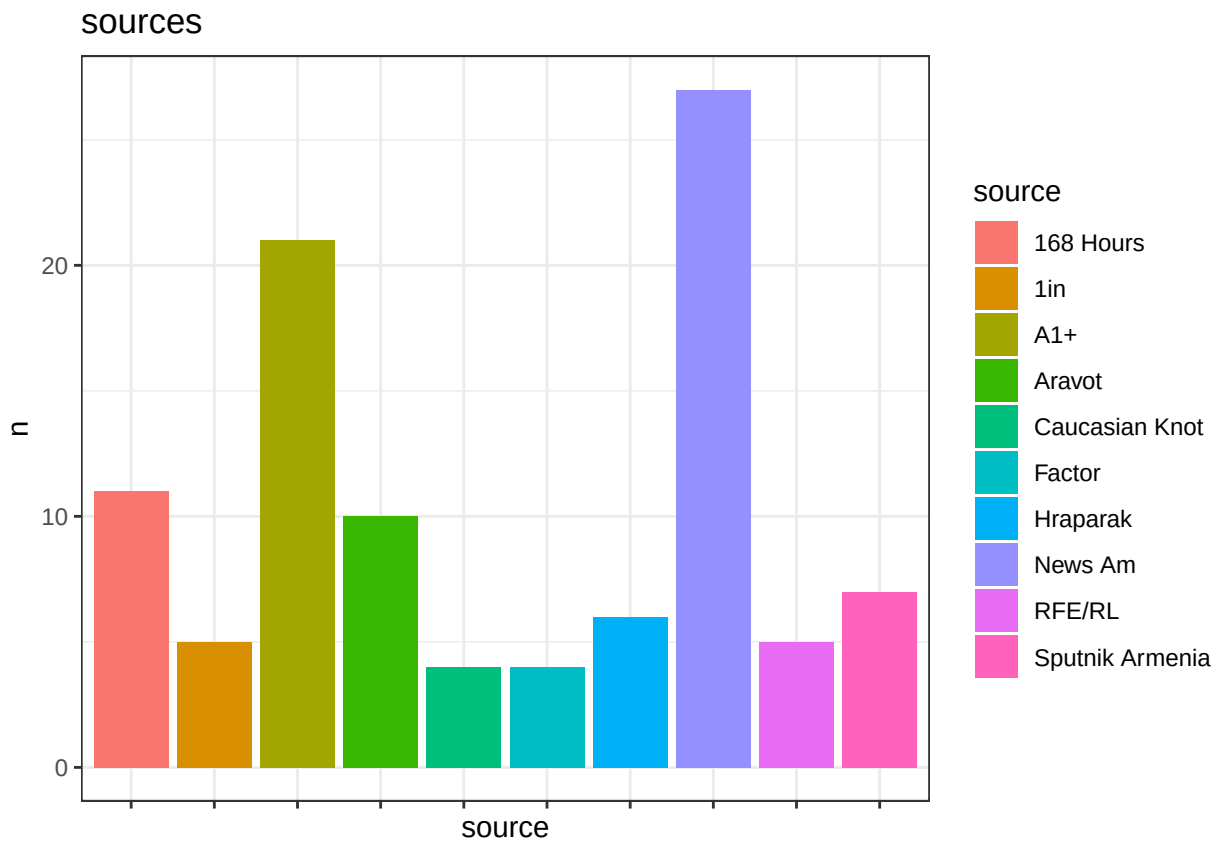
The plot below shows the types of the evnets and where they occur. Note that many of the locations are approximated to the nearest city or village

event_date	event_type	actor1	admin1	source
05 March 2021	Protests	Protesters (Armenia)	Yerevan	A1+
05 March 2021	Protests	Protesters (Armenia)	Shirak	Factor
04 March 2021	Protests	Protesters (Azerbaijan)	Yerevan	A1+
04 March 2021	Protests	Protesters (Armenia)	Yerevan	A1+
03 March 2021	Protests	Protesters (Armenia)	Shirak	Factor



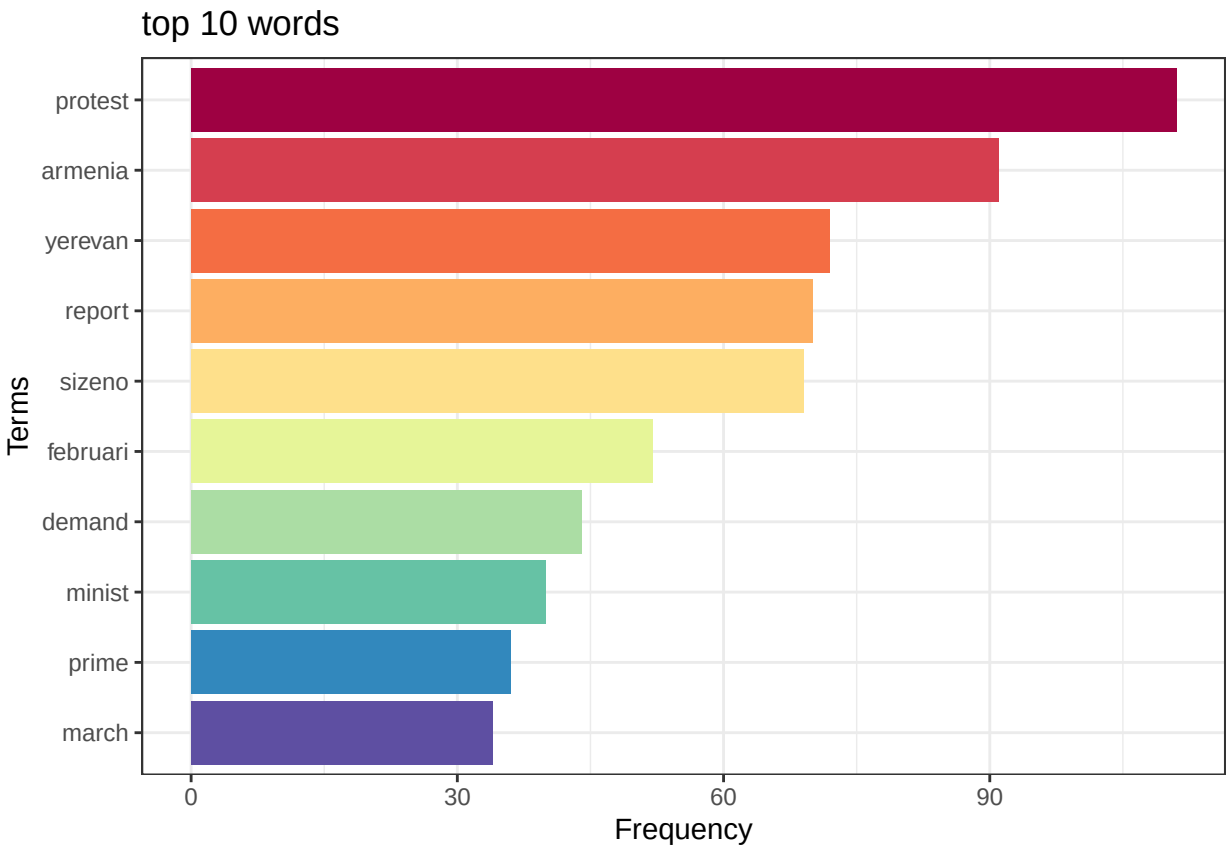
Number of the events that have occured

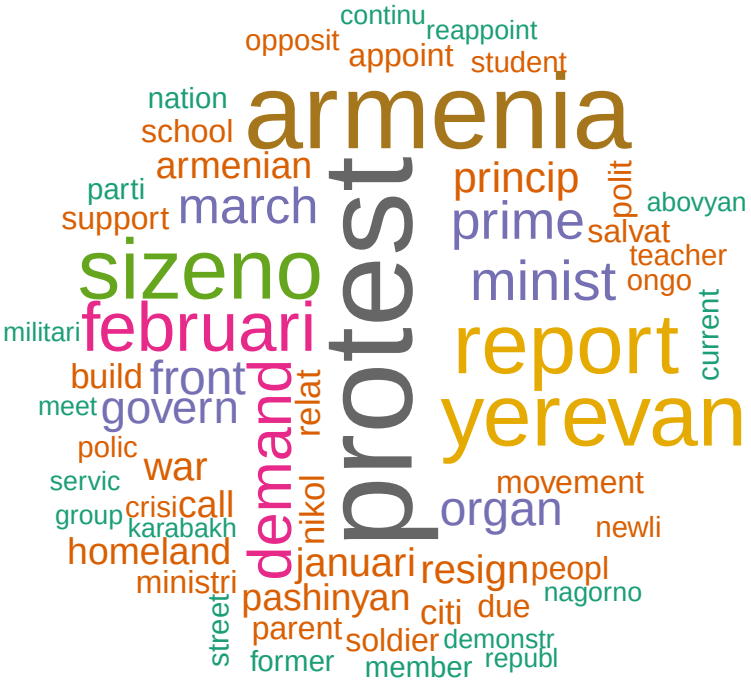

Number of events in the region
80
60
40
20
0
n
event_type
event_type
Explosions/Remote violence
Protests
Riots

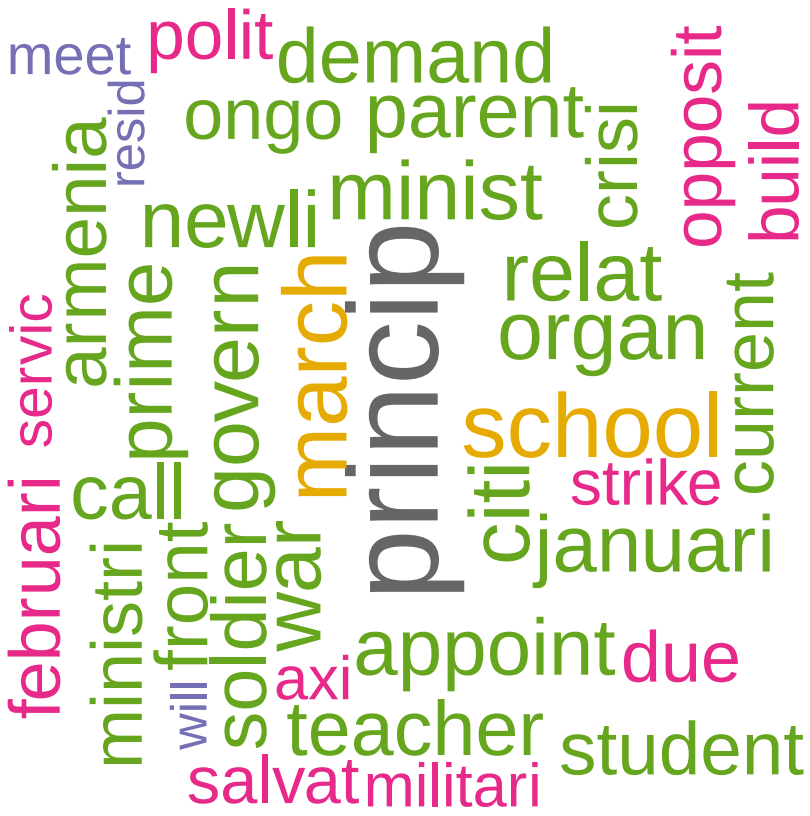



```
## <<TermDocumentMatrix (terms: 487, documents: 86)>>
## Non-/sparse entries: 2070/39812
## Sparsity           : 95%
## Maximal term length: 15
## Weighting          : term frequency (tf)
## Sample             :
##           Docs
## Terms      11 18 2 20 24 26 28 62 69 71
##   armenia   3  1 2  1  2  1  2  1  1  1
##   demand    1  1 1  1  0  1  0  0  1  0
##   februari  0  1 0  1  1  1  1  1  0  0
##   march     4  1 1  1  0  1  0  0  0  0
##   minist    2  2 1  3  1  1  0  0  1  0
##   prime     2  2 1  3  0  1  0  0  1  0
##   protest   7  2 2  5  1  2  2  3  0  1
##   report    0  1 2  0  1  1  1  0  1  1
##   sizeno    0  1 1  0  1  1  1  0  1  1
##   yerevan   4  1 0  1  1  2  1  1  1  1

##             terms freq
## protest   protest  111
## armenia   armenia   91
## yerevan   yerevan   72
## report     report   70
## sizeno     sizeno   69
## februari februari   52
```


top 10 words
protest
armenia
yerevan
report
sizeno
februari
demand
minist
prime
march
Terms
0
30
60
90
Frequency


continu
reappoint
opposit
appoint
student
nation
armenia
school
armenian
princip
polit
parti
abovyan
support
march
prime
salvat
teacher
sizeno
minist
ongo
militari
februari
report
current
build
front
relat
meet
govern
yerevan
polic
war
servic
movement
group
crisi
call
nikol
organ
karabakh
newli
homeland
januari
resign
peopl
ministri
pashinyan
nagorno
citi
due
street
parent
soldier
demonstr
former
member
republ
protest
demand


meet
polit
demand
resid
ongo
parent
armenia
minist
crisi
oppos
build
newli
princip
relat
servic
prime
govern
march
organ
current
school
call
citi
strike
februari
januari
ministri
front
soldier
war
appoint
due
will
axi
teacher
student
salvat
militari