Frontier : Geopolitical networks

Claude Grasland

27/03/2021

DATA PREPARATION

Load hypercube

We have collected titles of news declared as *international* as long as we have depicted the existence of at less one foreign country in the text of the title. In each of the 5 countries, we have selected three newspapers with national audience and available through mediacloud database from mid 2013 to mid 2020.

```
##                who      N
## 1: fr_FRA_lmonde 104176
## 2: fr_FRA_figaro 240318
## 3: fr_FRA_lacroi 249445

##                who      N
## 1: de_DEU_suddeu  83774
## 2: de_DEU_diewel 112065
## 3: de_DEU_frankf 103111

##                who      N
## 1: en_GBR_dailyt  62657
## 2: en_GBR_indept 156128
## 3: en_GBR_guardi 171949

##                who      N
## 1: it_ITA_stampa  90059
## 2: it_ITA_messag 104909
## 3: it_ITA_repubb  86468

##                who      N
## 1: es_ESP_abcxxx 280895
## 2:  es_ESP_mundo  38457
## 3: es_ESP_percat 142259
```

Load geometrical informations

TOP LINKS

The association of two countries (i, j) in the news published by a media located in another country k can be used for the definition of triadic networks of international networks relation N_{ij}^{mk}

DOMINANT LINKS

Visualization

How to visualize the global network and the dominant flow network efficiently ?

Geographical map of nodes

Prepare nodes layer

Prepare links layer