

Legiplot : une étude quantitative des codes législatifs  
<https://github.com/juliengossa/legiplot>

Yang Yang    Julien Gossa  
Université de Strasbourg

Juin 2021

## Sous-section 1

### Introduction

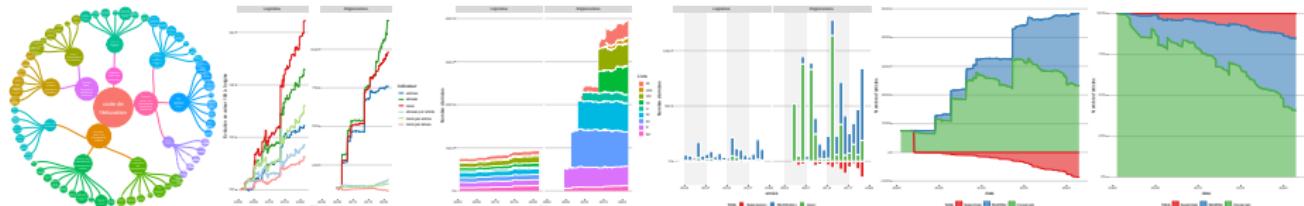
# Présentation du projet

Legiplot vise à évaluer le rythme des réformes par la quantification des modifications des codes législatifs.

Les données de ces codes sont extraites des projets suivants :

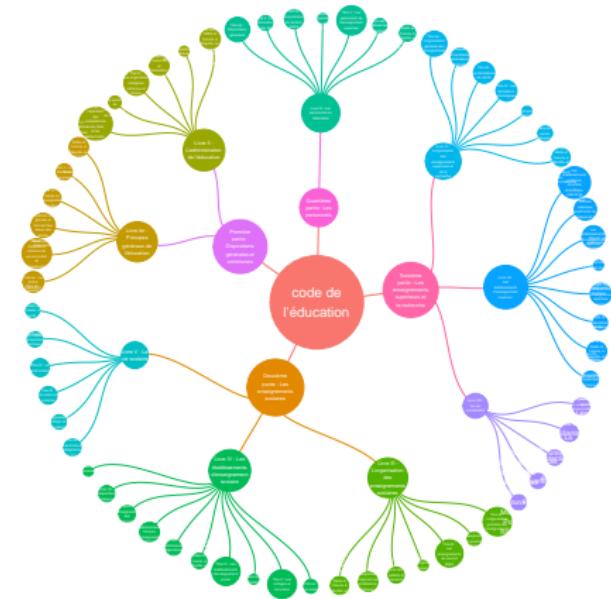
- Légifrance : le portail officiel bien connu ;
- Archéo Lex : un projet indépendant qui consolide les textes de Légifrance dans des dépôts GIT.

De ces données, nous extrayons différents indicateurs et visualisations, qui sont présentés en détail dans la suite.



Cette représentation permet d'apprécier, dans l'espace, le volume relatif des différentes parties des codes.

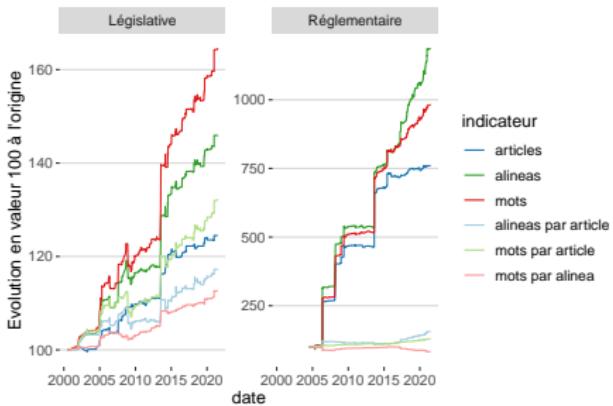
- La représentation se limite à la partie législative.
- Chaque nœud représente une section du code.
- La couleur est celle de la sous-partie ou du Livre.
- La taille représente le nombre d'articles.



# Indicateurs

Cette représentation permet d'apprécier différentes manières de mesurer l'évolution volumétrique des codes.

- Trois indicateurs primaires sont présentés :
  - nombre d'articles ;
  - nombre d'alinéas (les énumérations sont comptées comme alinéas) ;
  - nombre de mots.
- Trois indicateurs secondaires sont présentés :
  - nombre d'alinéas par articles ;
  - nombre de mots par articles ;
  - nombre de mots par alinéas.
- Pour être comparables, tous les indicateurs sont normalisés en valeur 100 au début de la période.

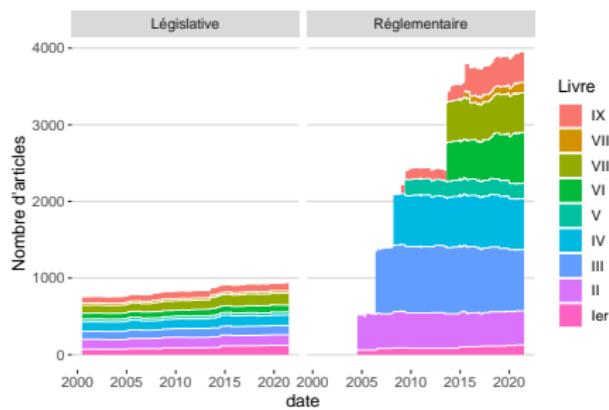


# Evolution des volumes des Livres

Cette représentation permet d'apprécier l'évolution dans le temps des volumes des Livres, en fonction des parties, en terme de nombre d'articles.

Elle est particulièrement utile pour détecter les codifications progressives.

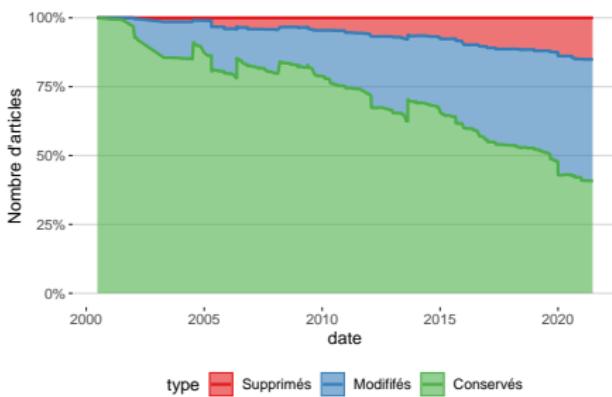
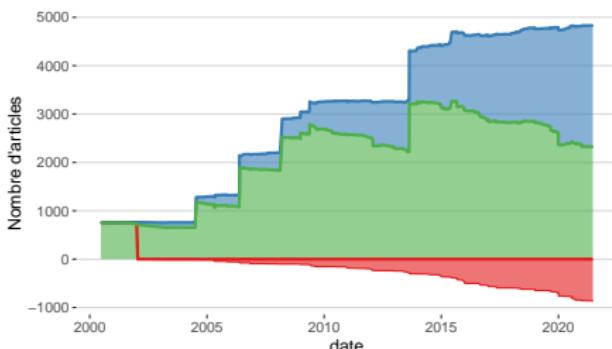
- Les couleurs représentent les Livres.



# Proportion des modifications

Cette représentation permet d'apprécier l'évolution des articles qui composent un code. Elle est particulièrement utile pour vérifier ce qu'il reste du code original au fil des transformations.

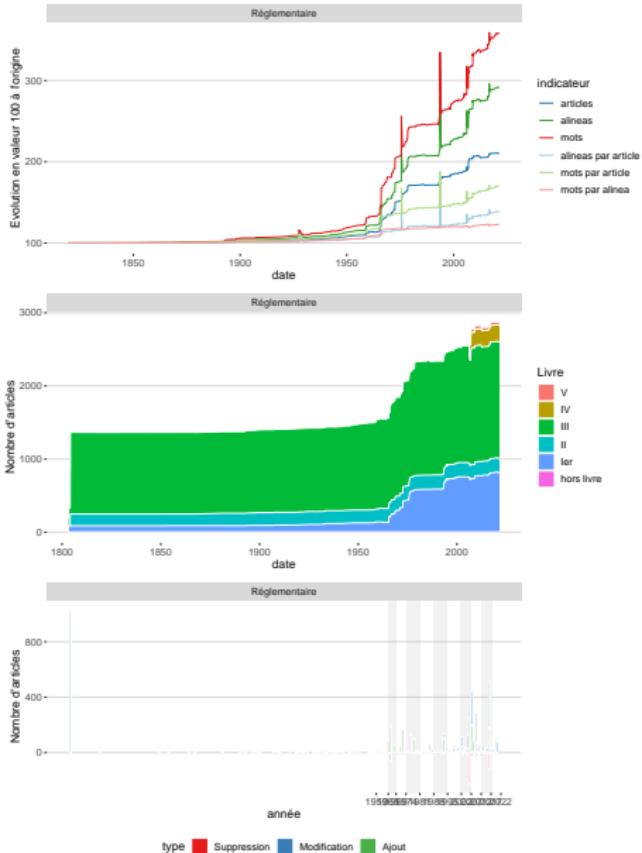
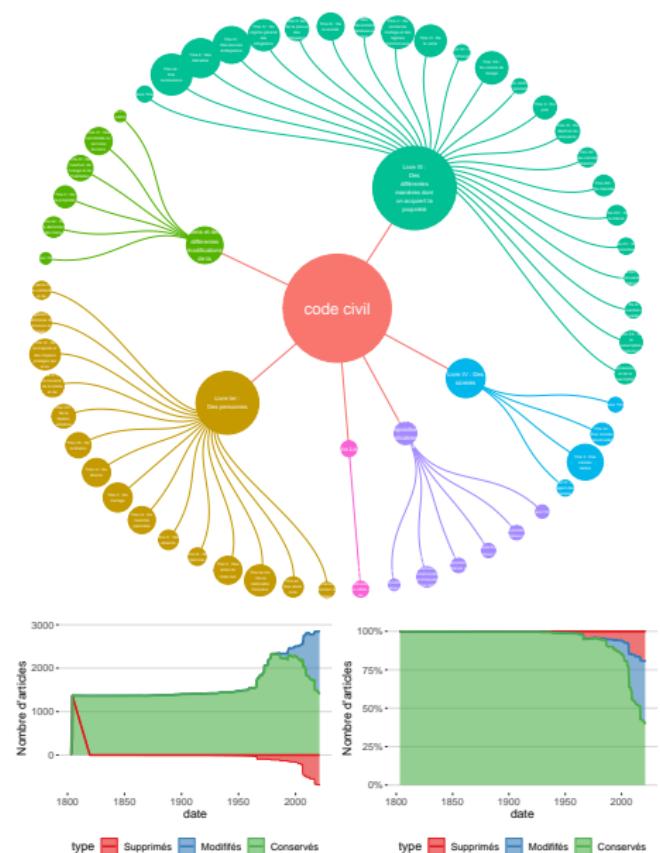
- Les couleurs représentent le nombre d'articles ajoutés, modifiés ou supprimés.
- La première représentation est en nombre d'articles.
- La seconde représentation est en proportion des articles.
- En raison d'erreurs en cours de correction dans Légifrance, certaines visualisations peuvent présenter des aberrations.



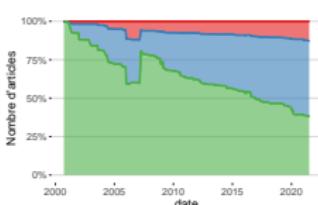
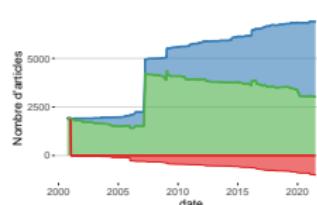
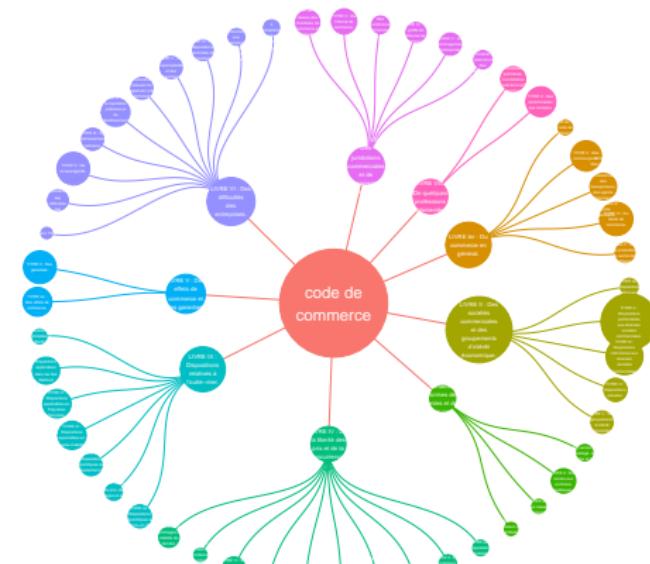
## Sous-section 2

### Codes

code civil



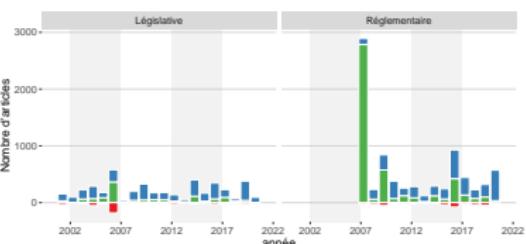
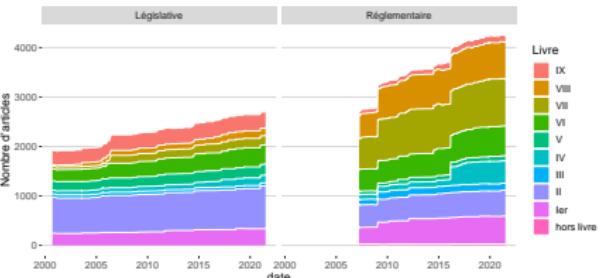
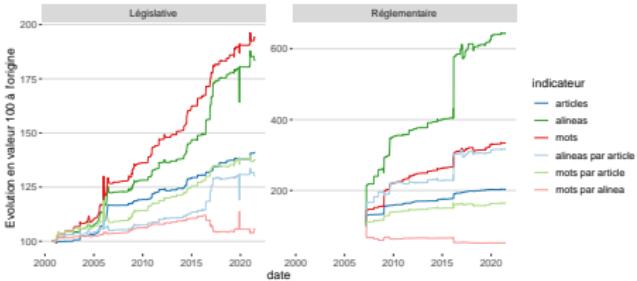
# code de commerce



type Supprimés Modifiés Conservés

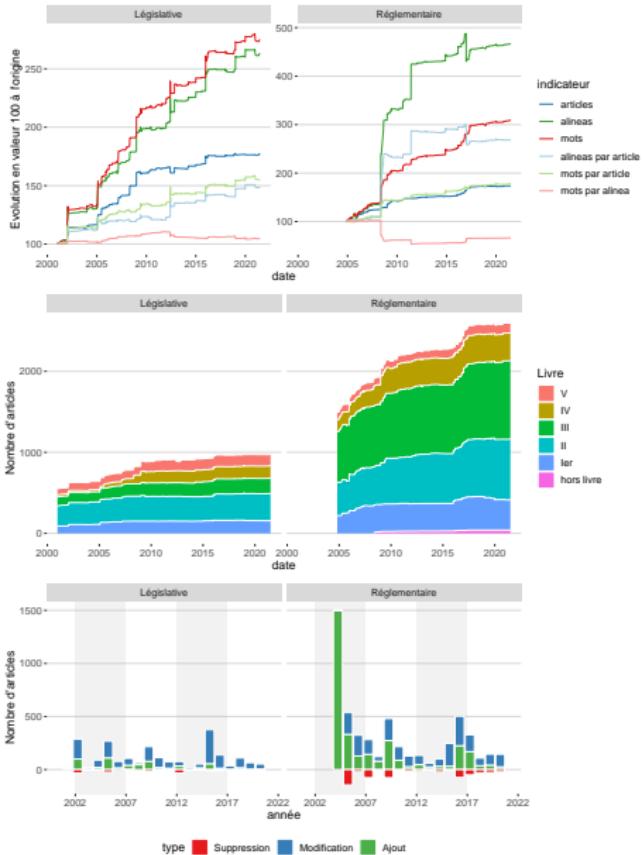
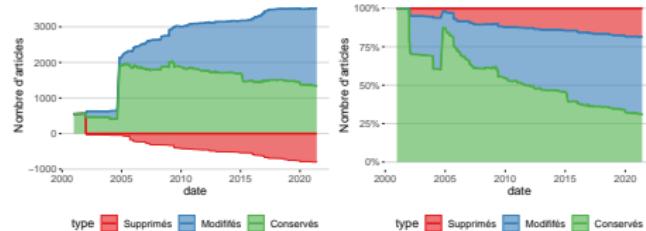
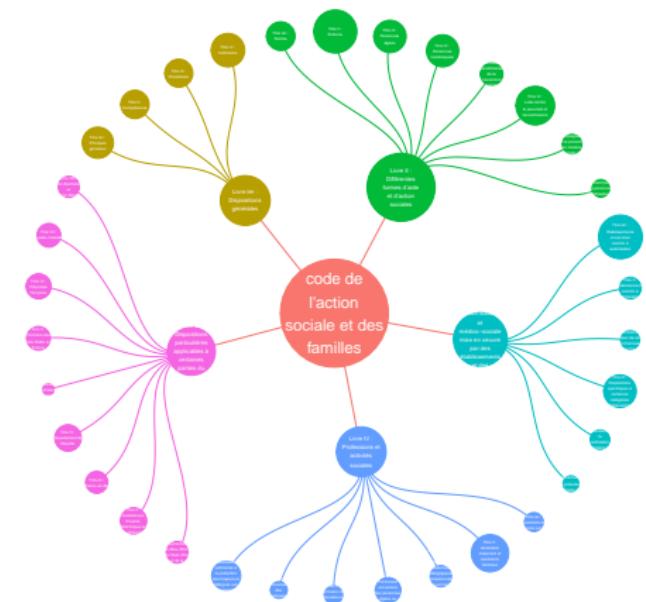
type Supprimés Modifiés Conservés

type Suppression Modification Ajout

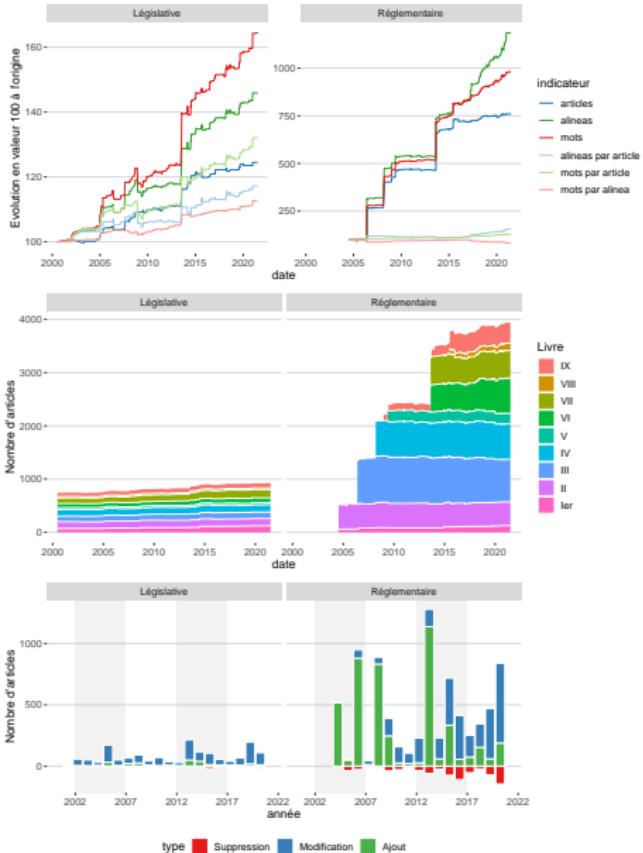
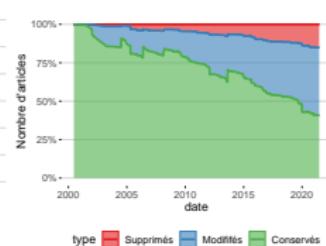
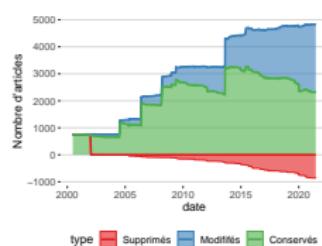
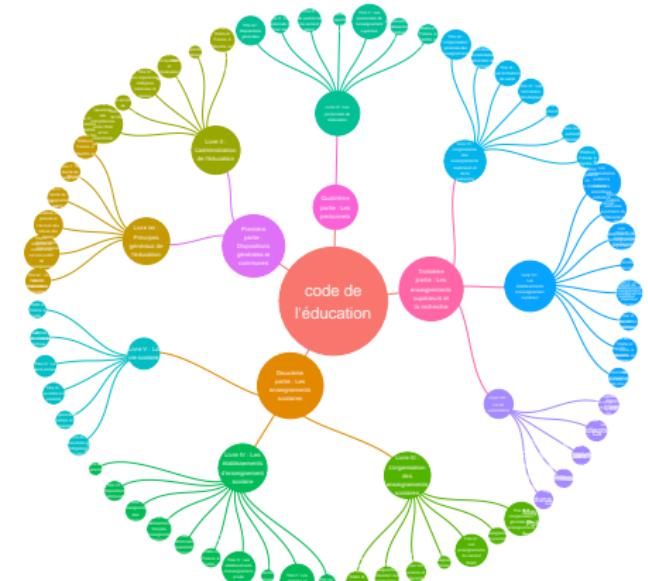


type Suppression Modification Ajout

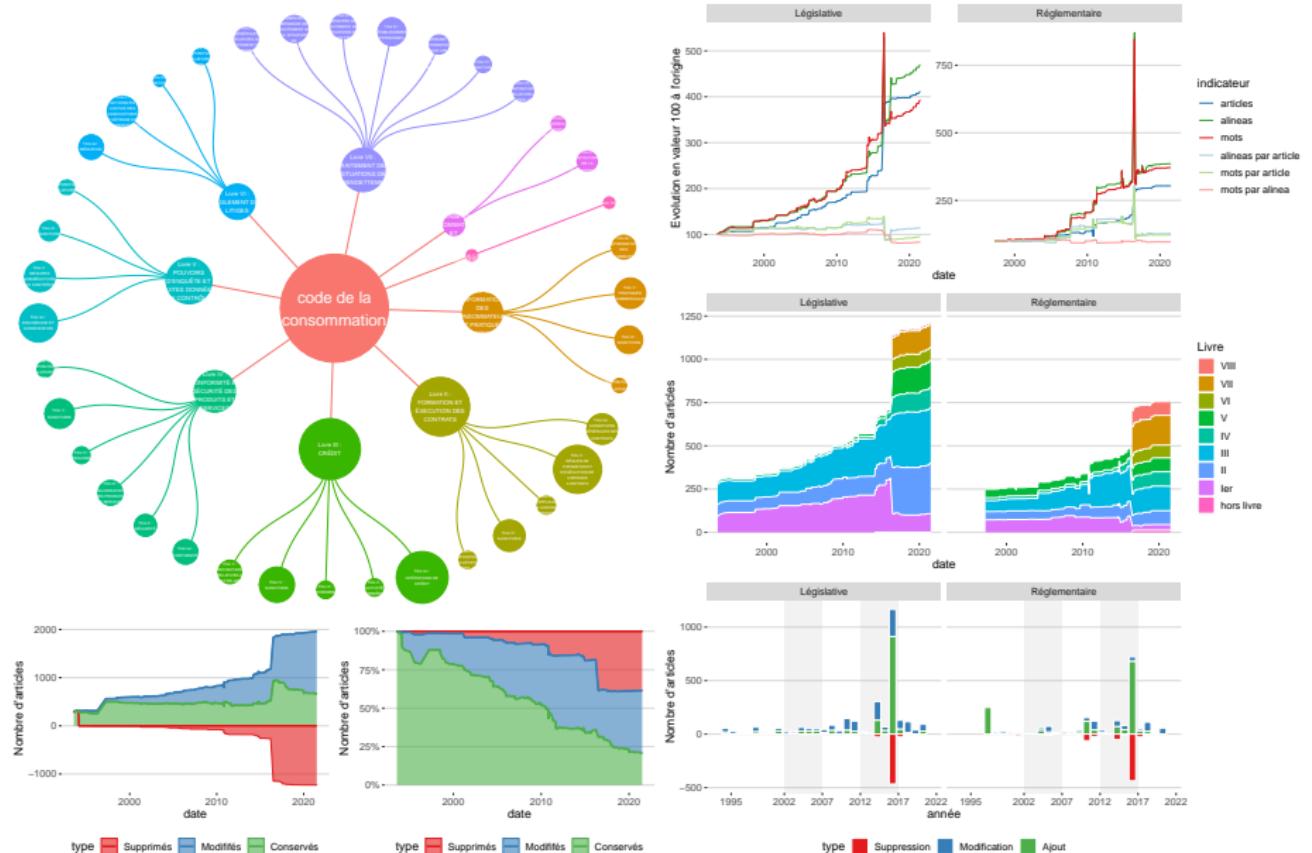
# code de justice administrative



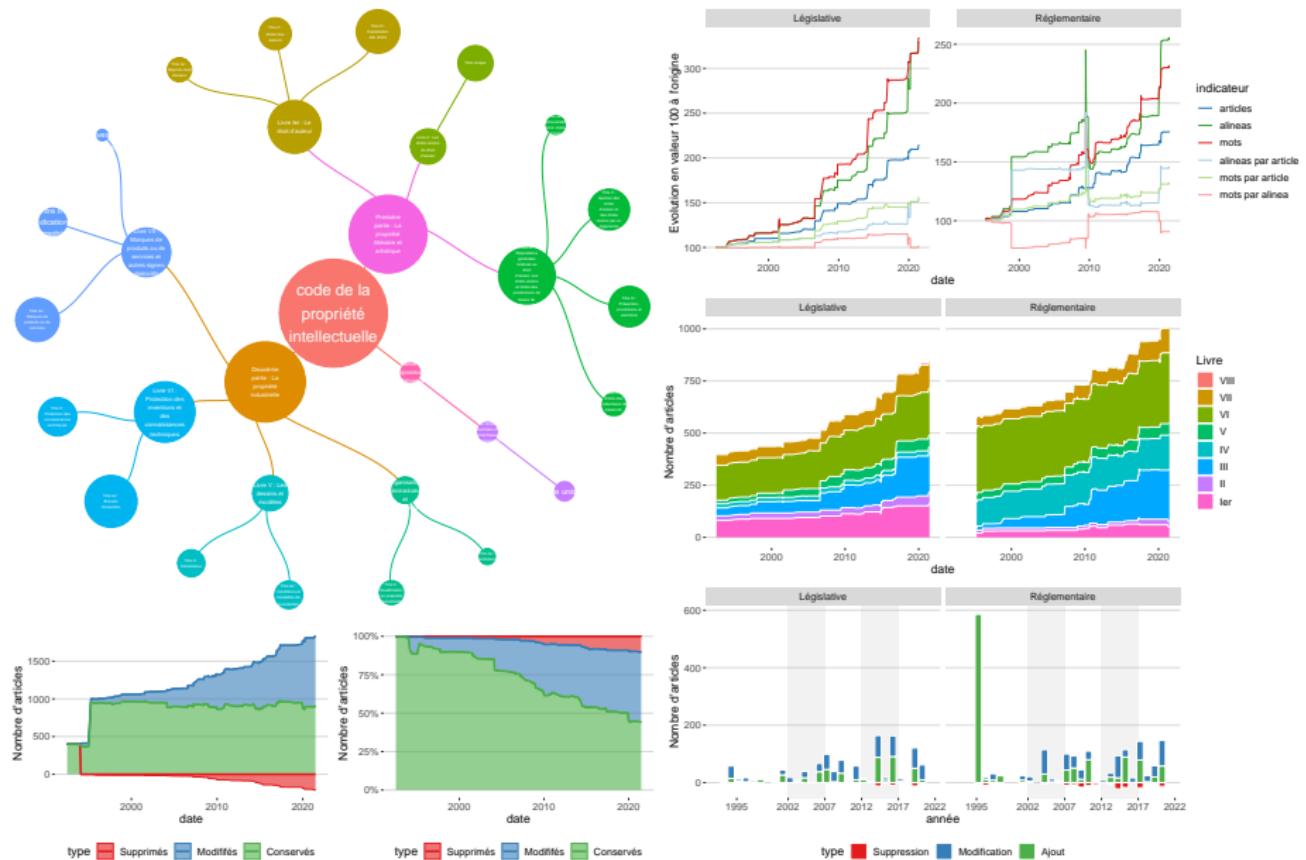
# code de l'action sociale et des familles



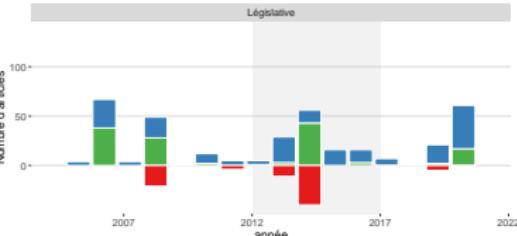
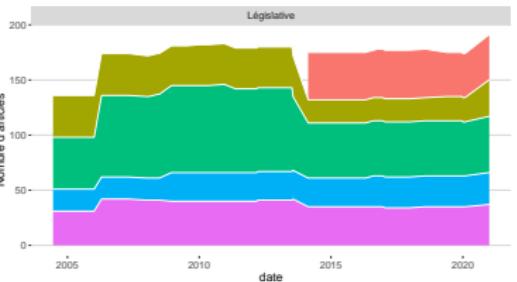
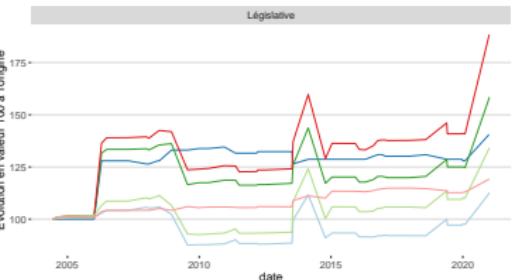
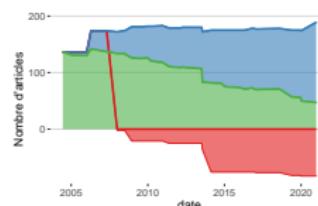
# code de l'aviation civile



# code de l'éducation



# code de l'énergie

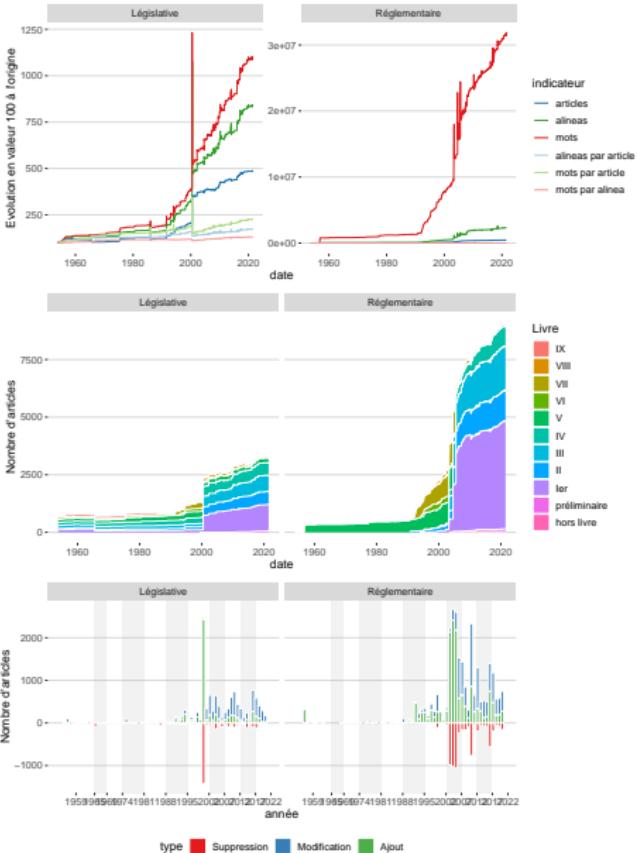
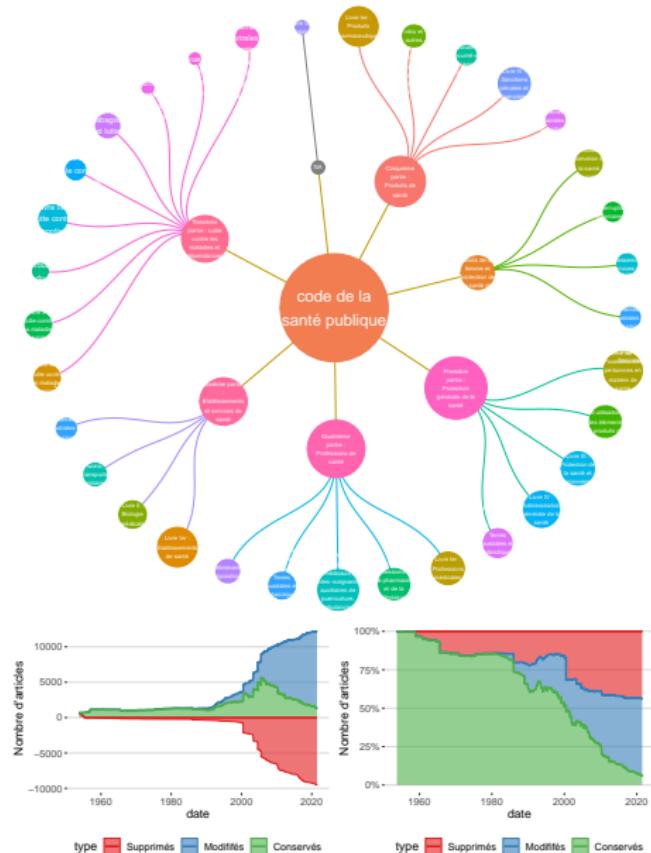


type Supprimés Modifiés Conservés

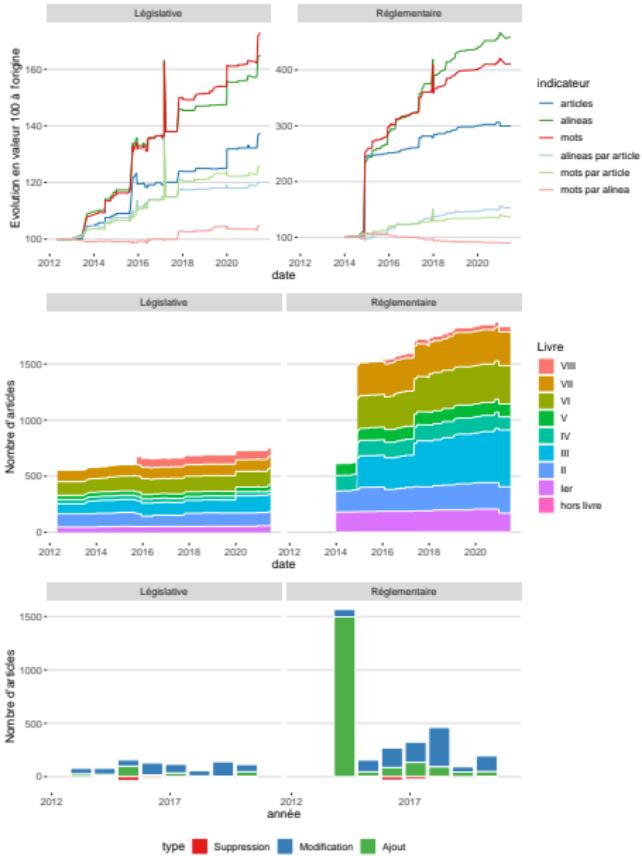
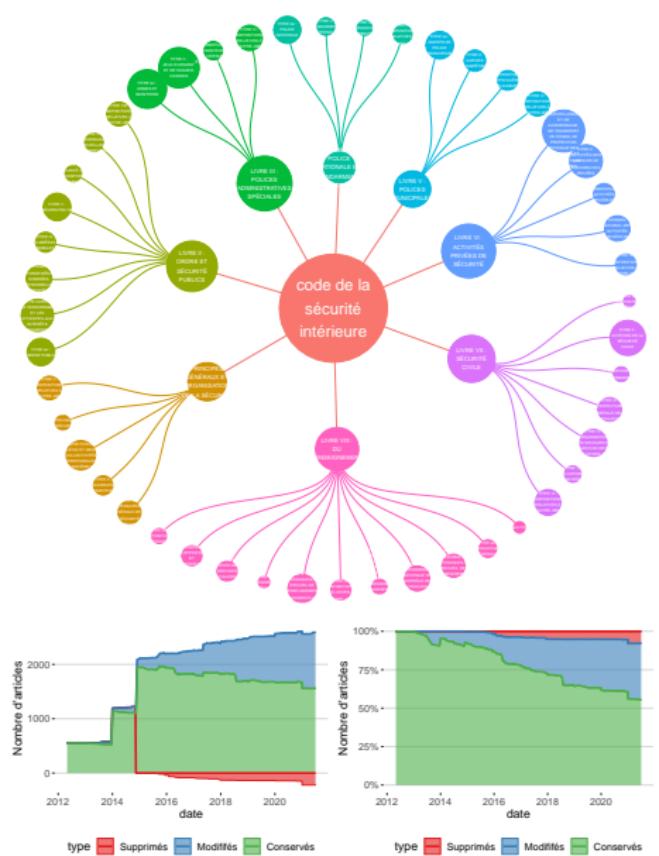
type Supprimés Modifiés Conservés

type Suppression Modification Ajout

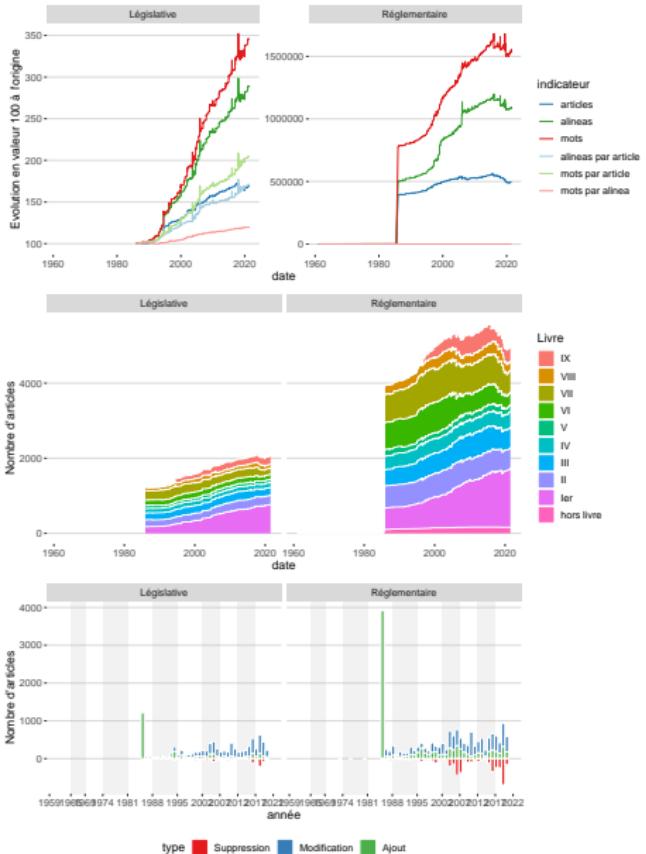
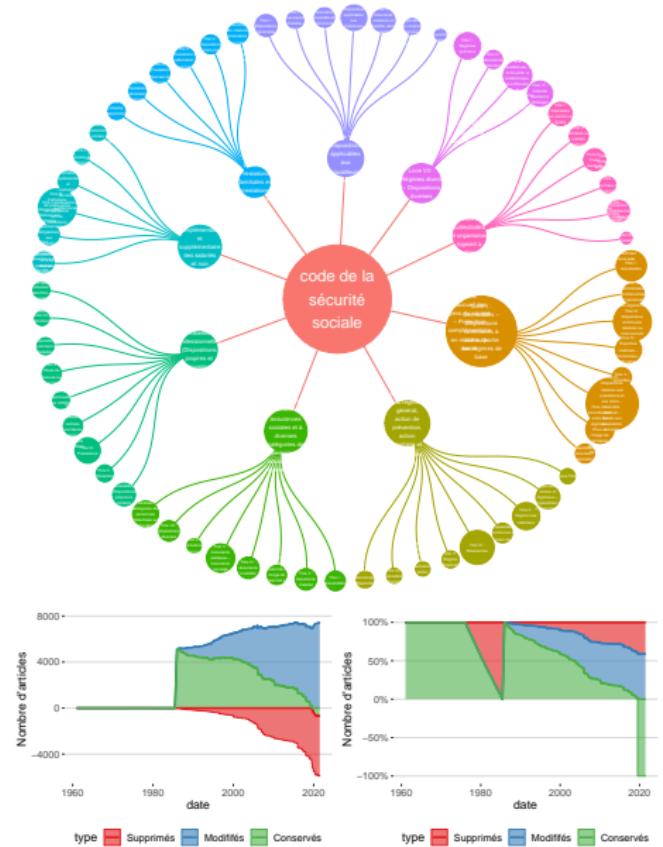
# code de l'entrée et du séjour des étrangers et du droit d'asile



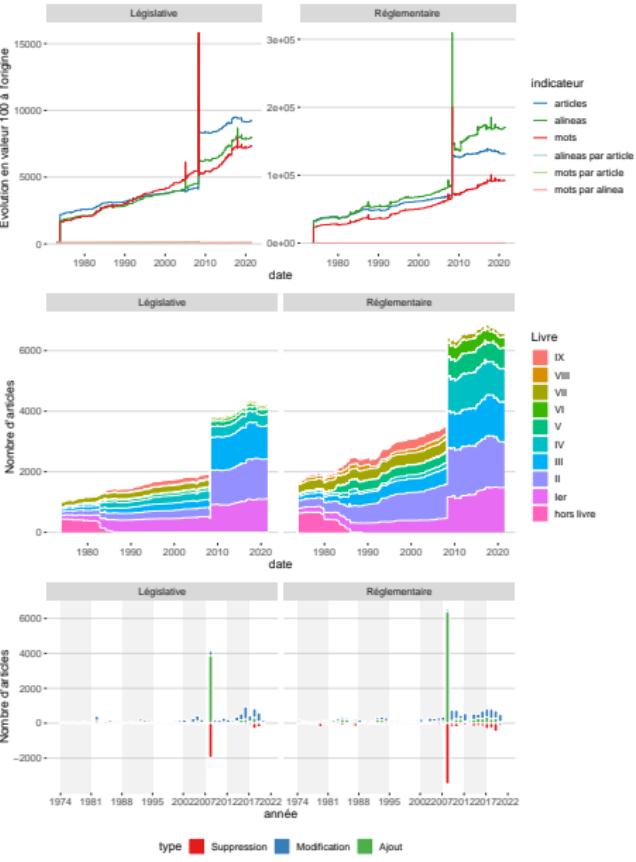
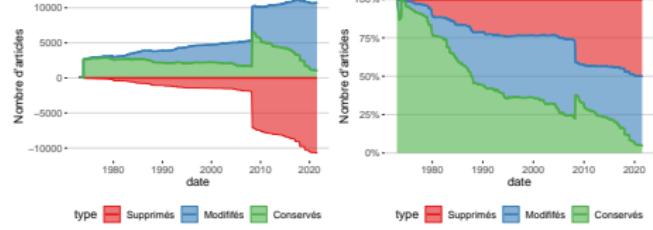
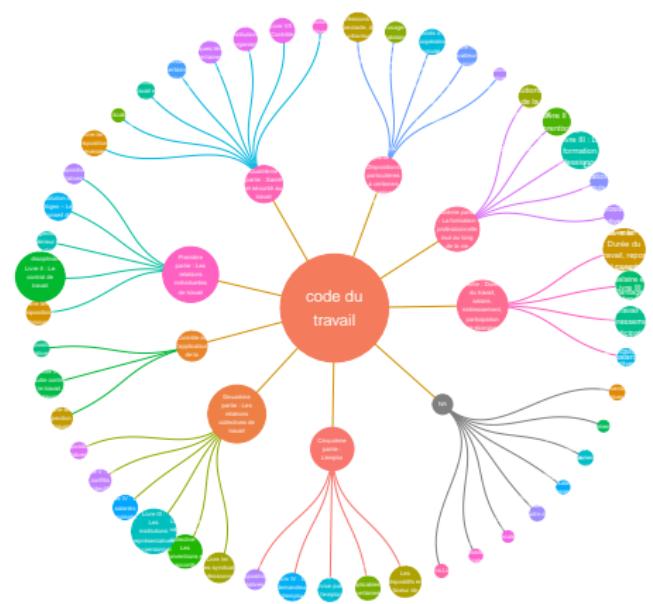
# code de l'environnement



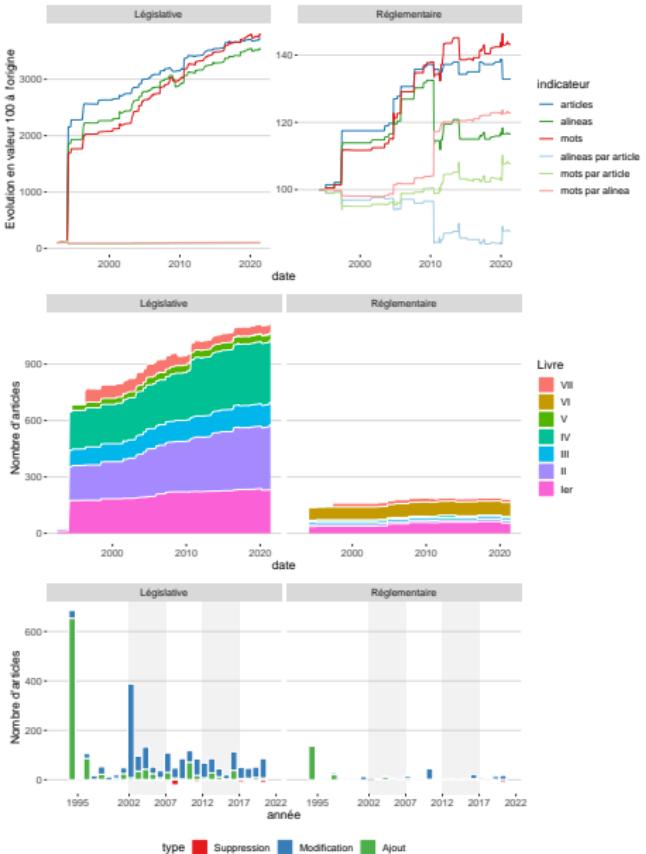
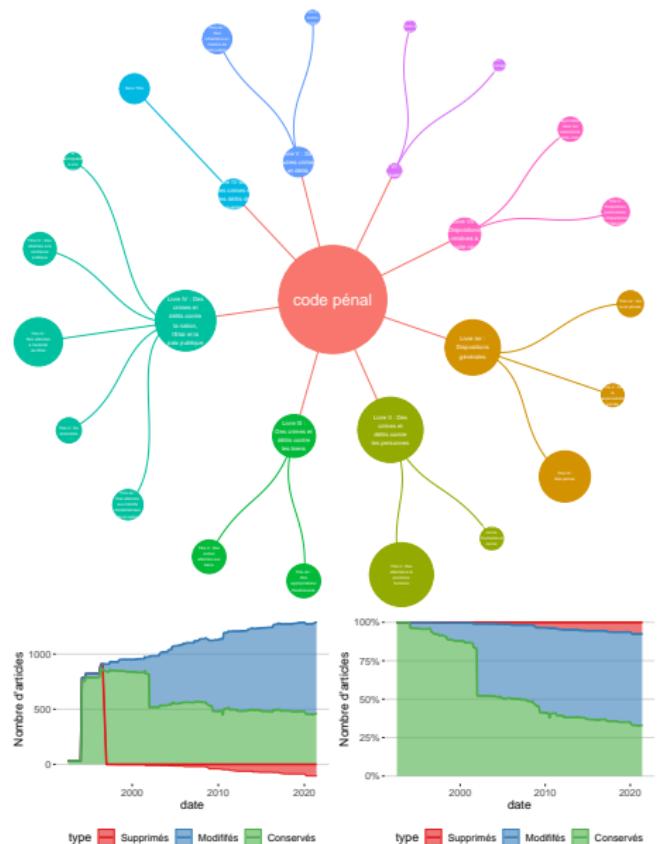
## code de l'organisation judiciaire



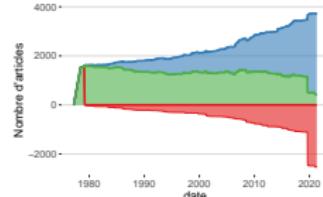
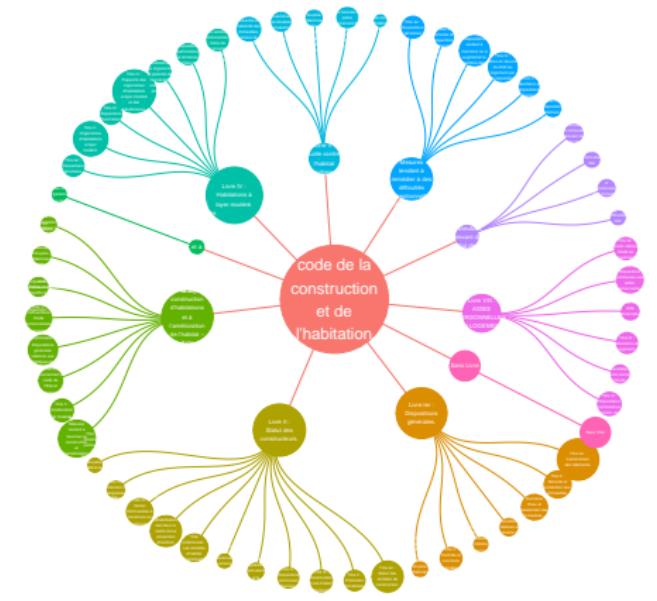
## code de l'urbanisme



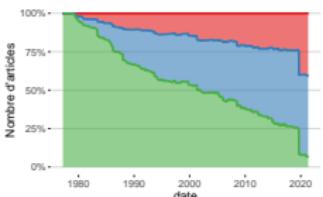
# code de la consommation



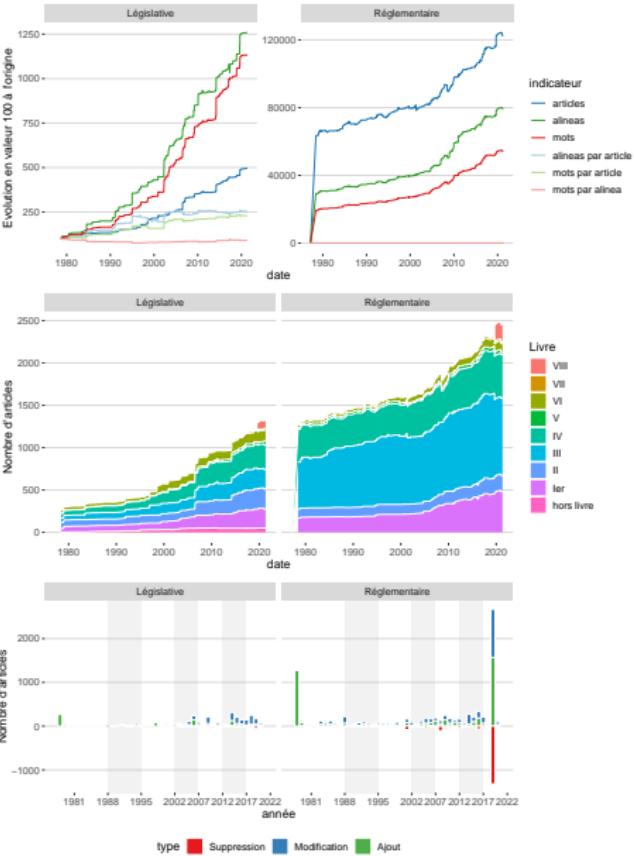
# code de la construction et de l'habitation



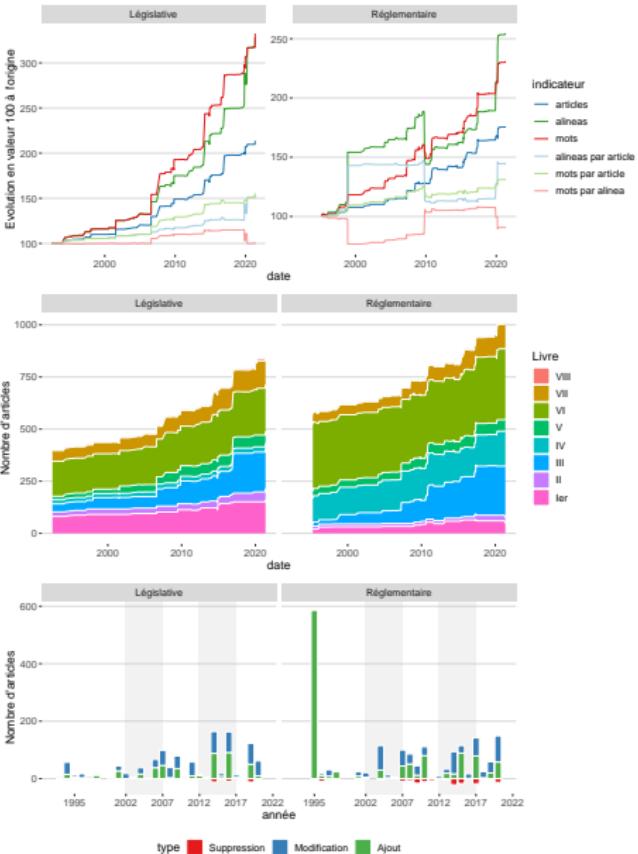
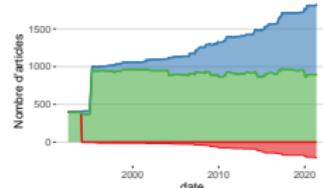
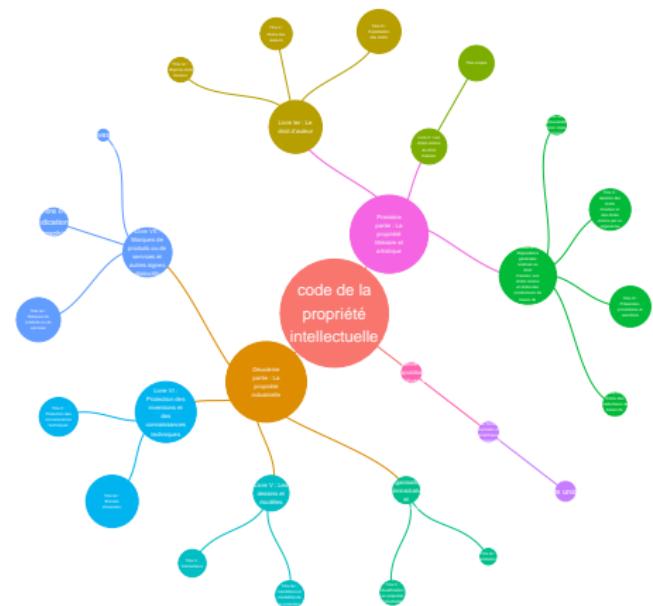
type    Supprimés    Modifiés    Conservés



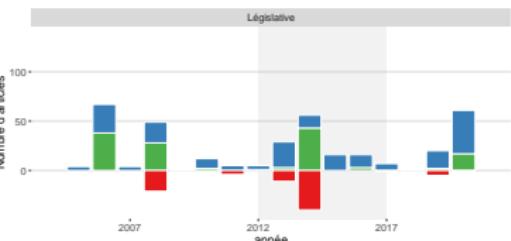
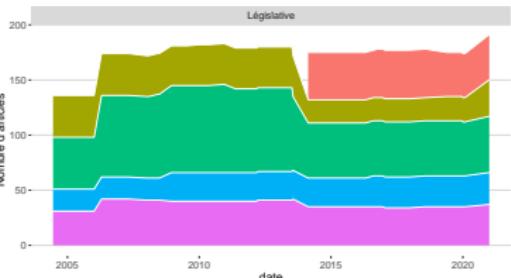
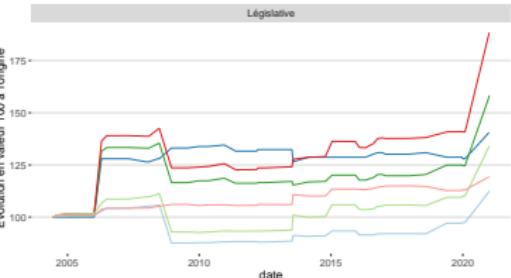
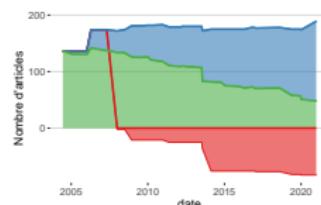
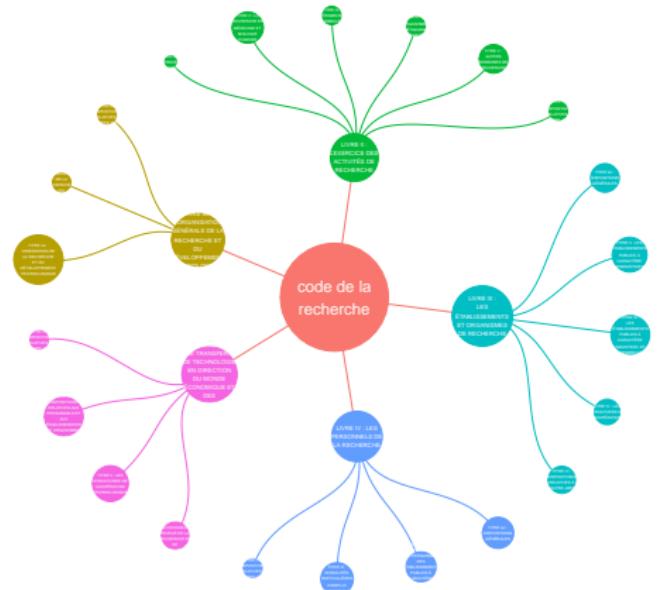
type    Supprimés    Modifiés    Conservés



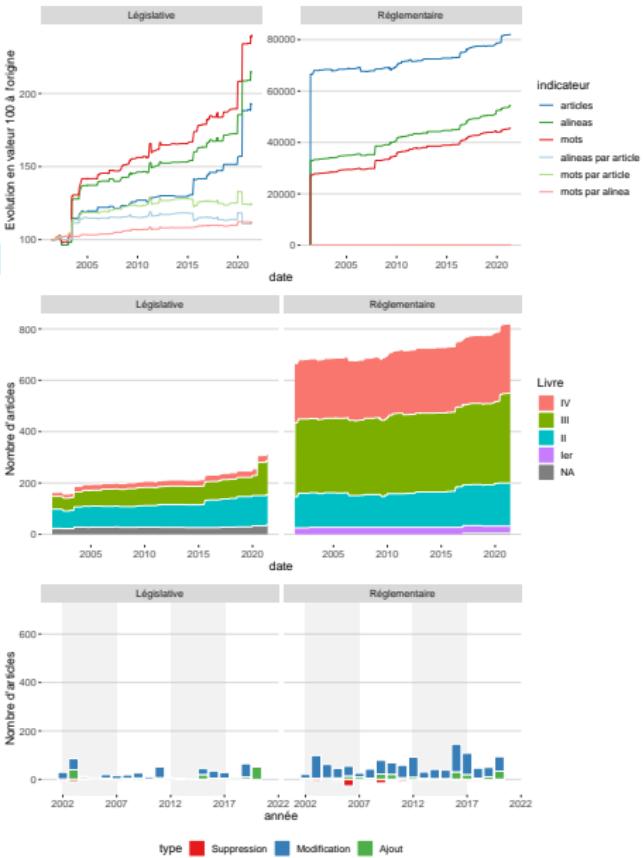
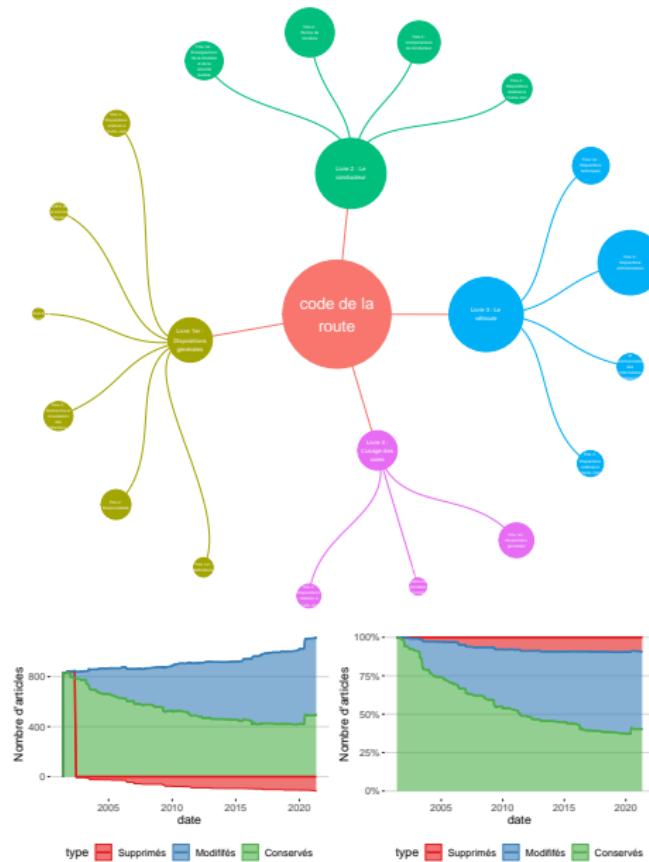
## code de la propriété intellectuelle



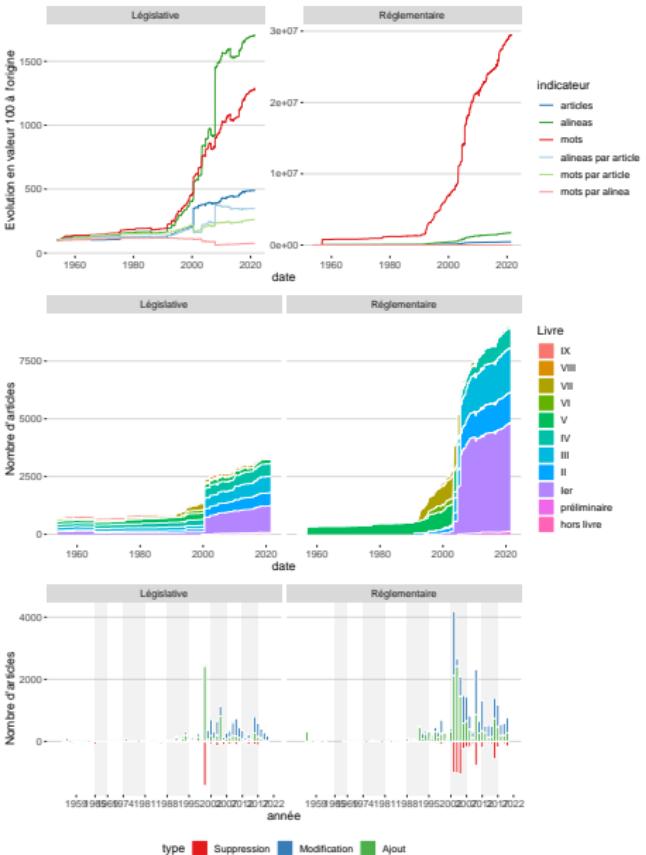
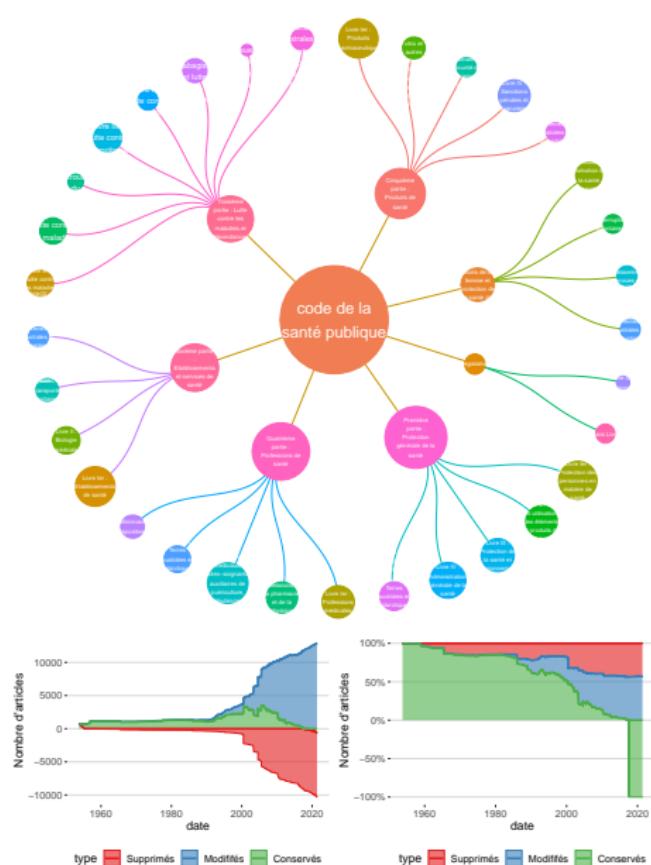
# code de la recherche



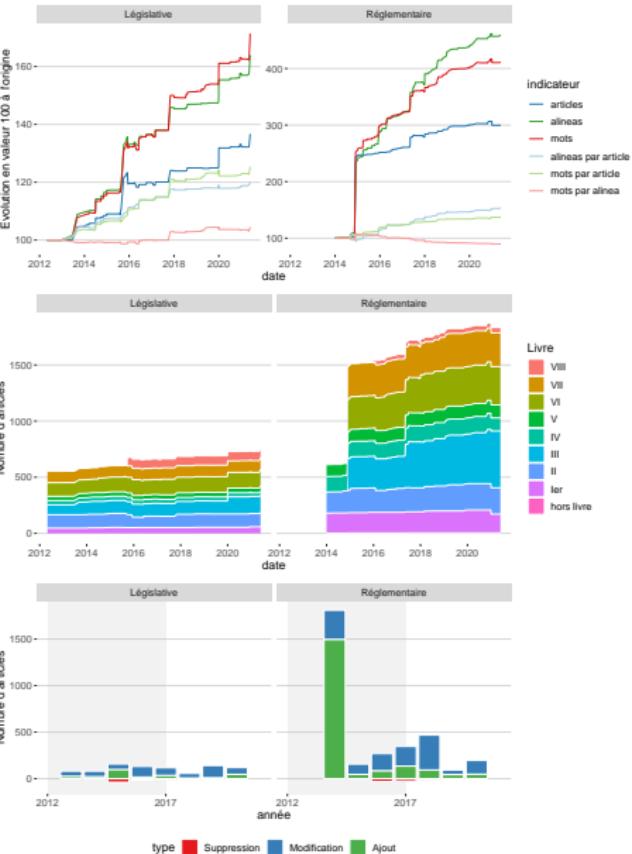
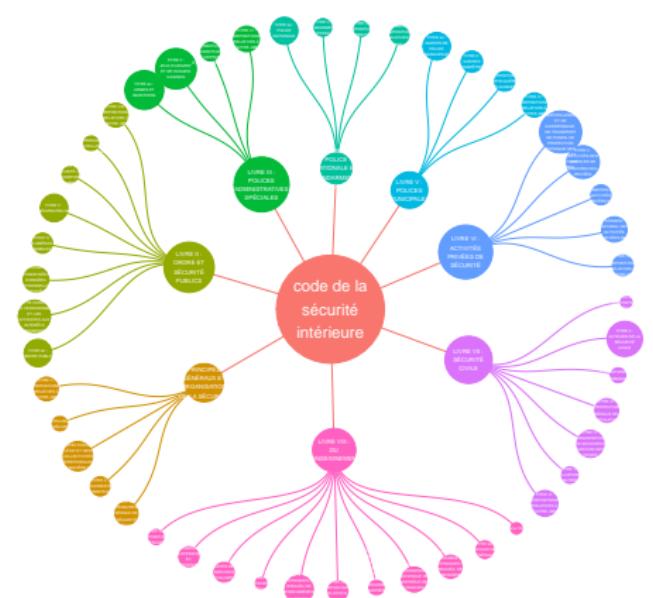
# code de la route



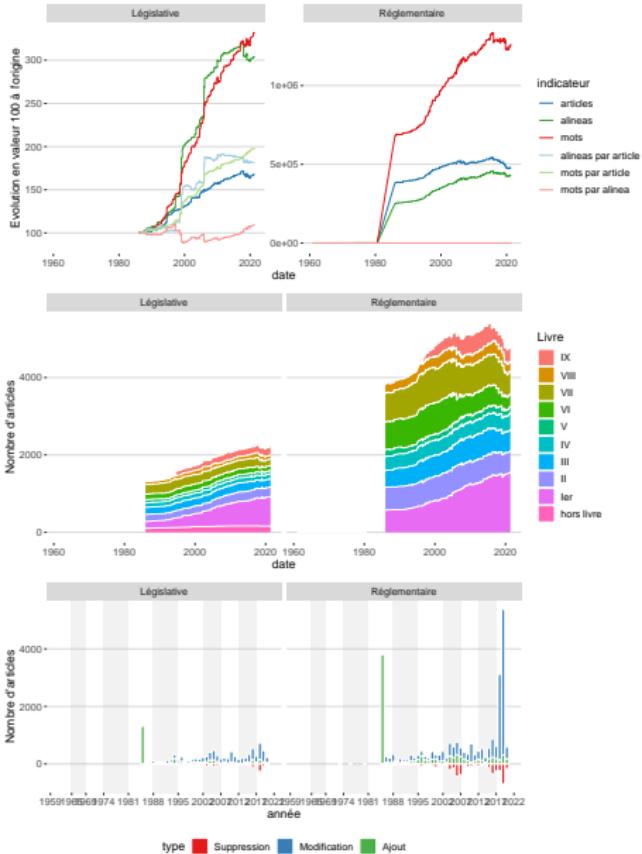
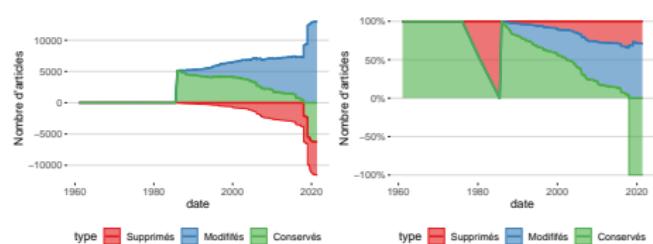
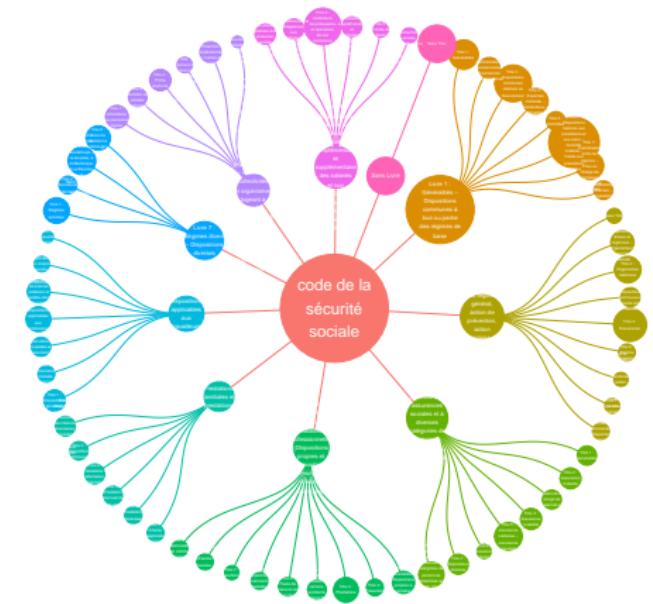
# code de la santé publique



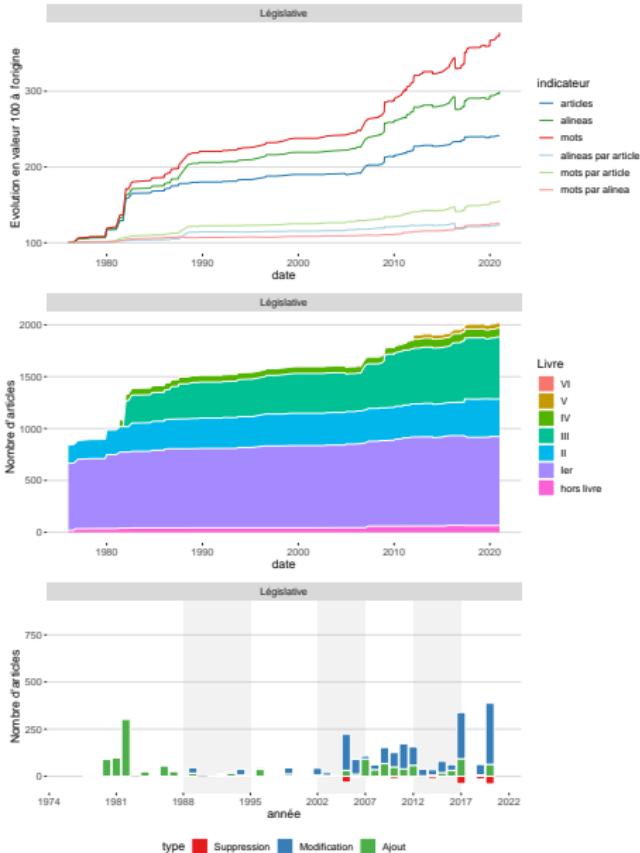
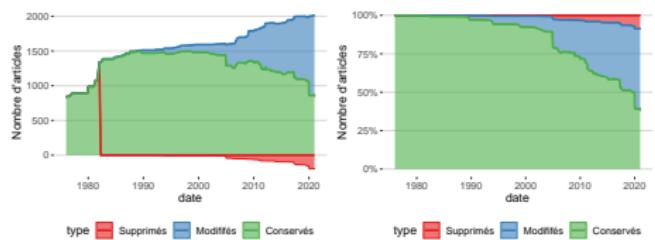
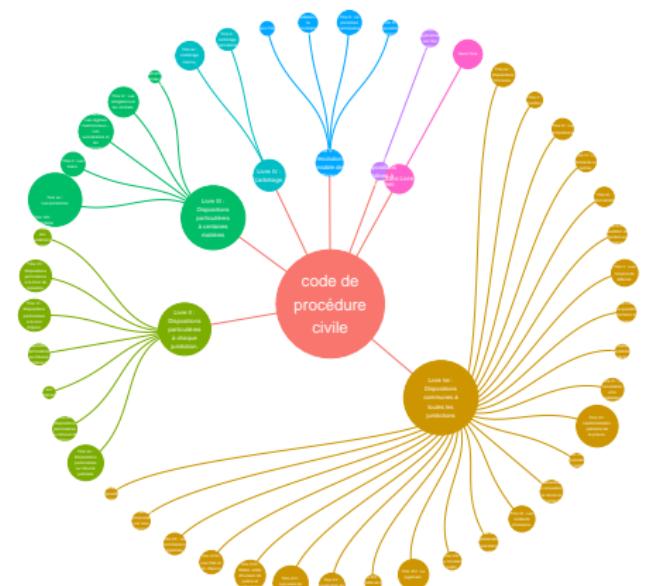
# code de la sécurité intérieure



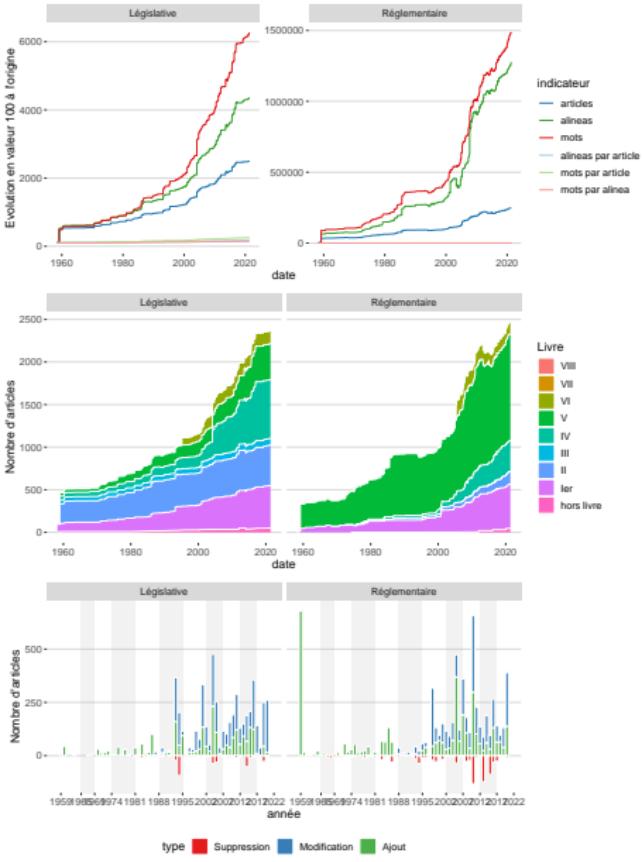
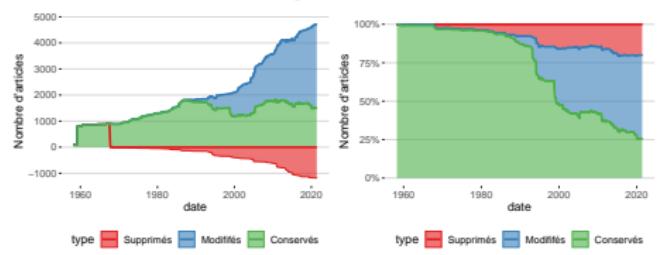
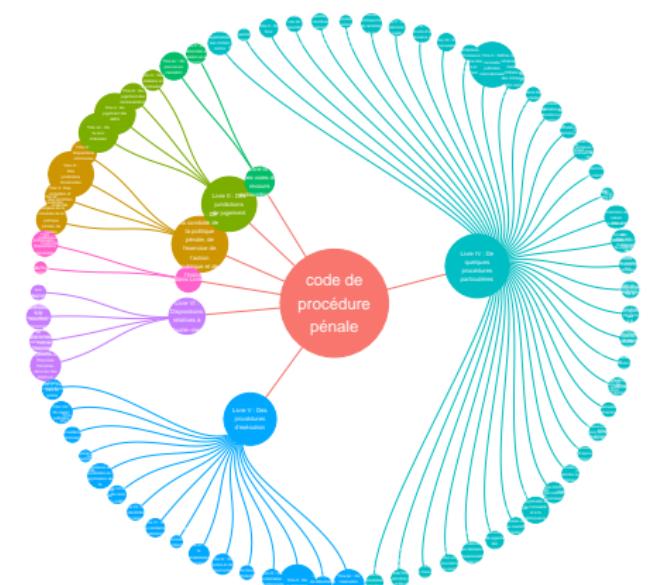
# code de la sécurité sociale



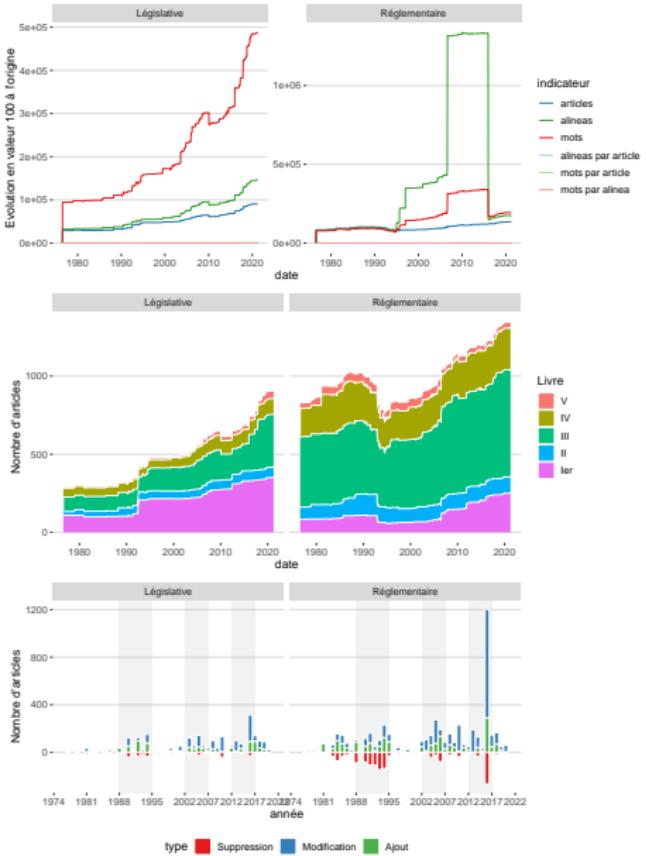
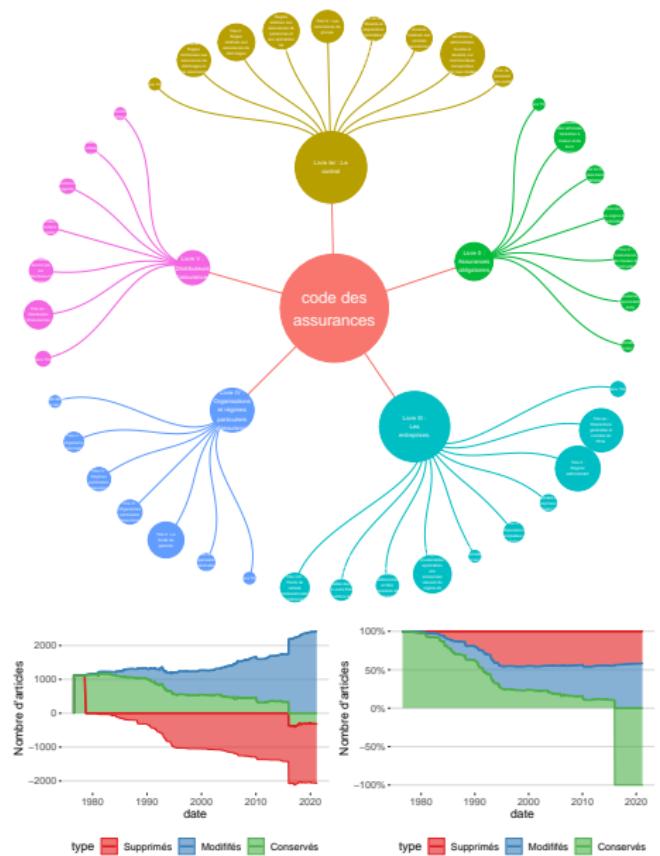
# code de procédure civile



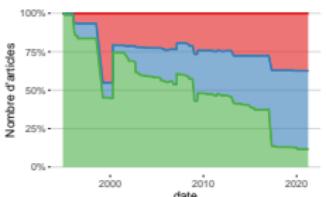
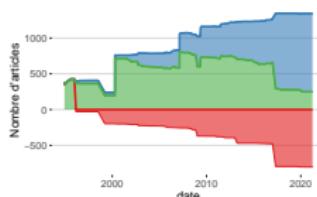
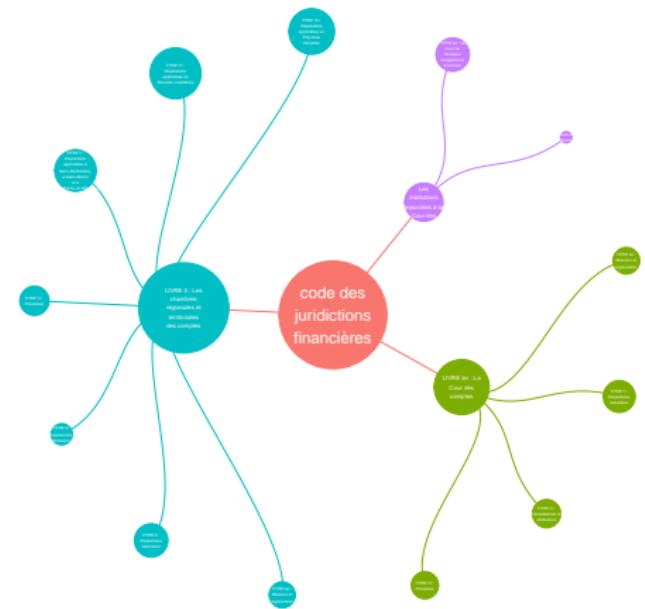
# code de procédure pénale



# code des assurances



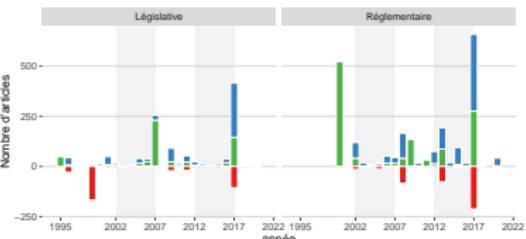
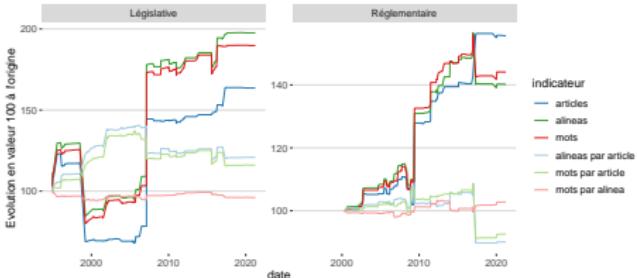
# code des juridictions financières



type Supprimés Modifiés Conservés

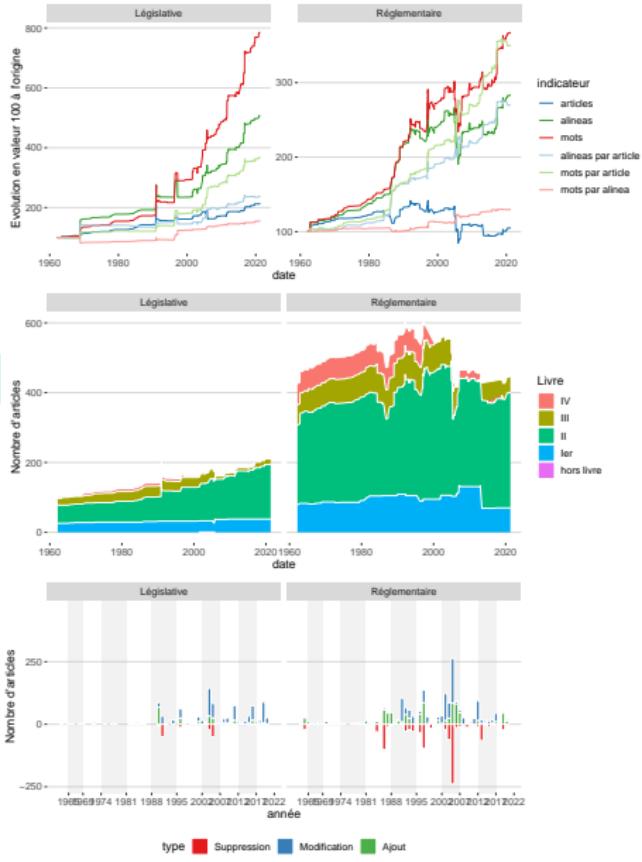
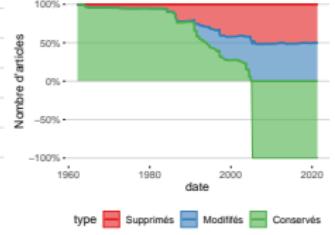
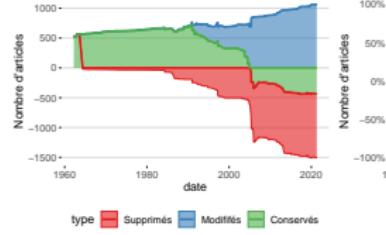
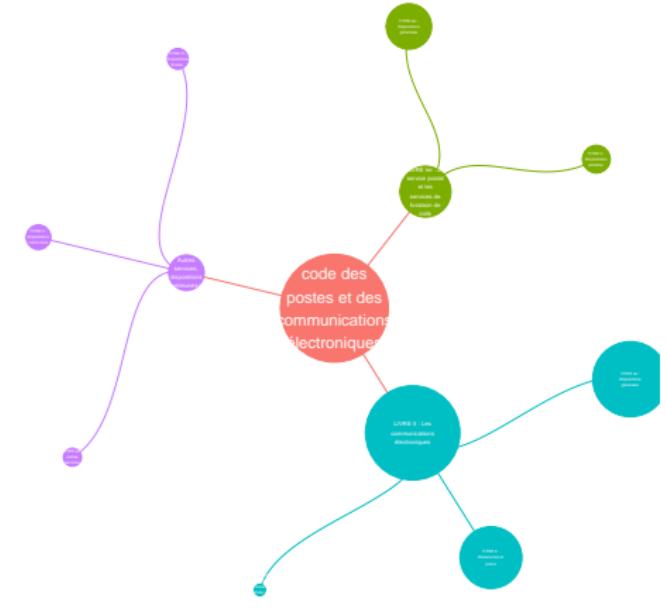
type Supprimés Modifiés Conservés

type Suppression Modification Ajout

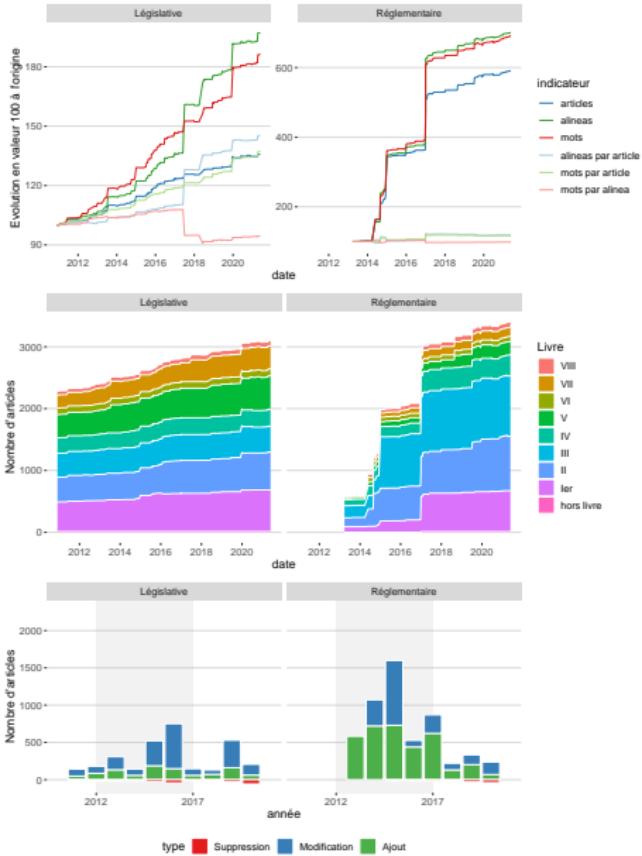
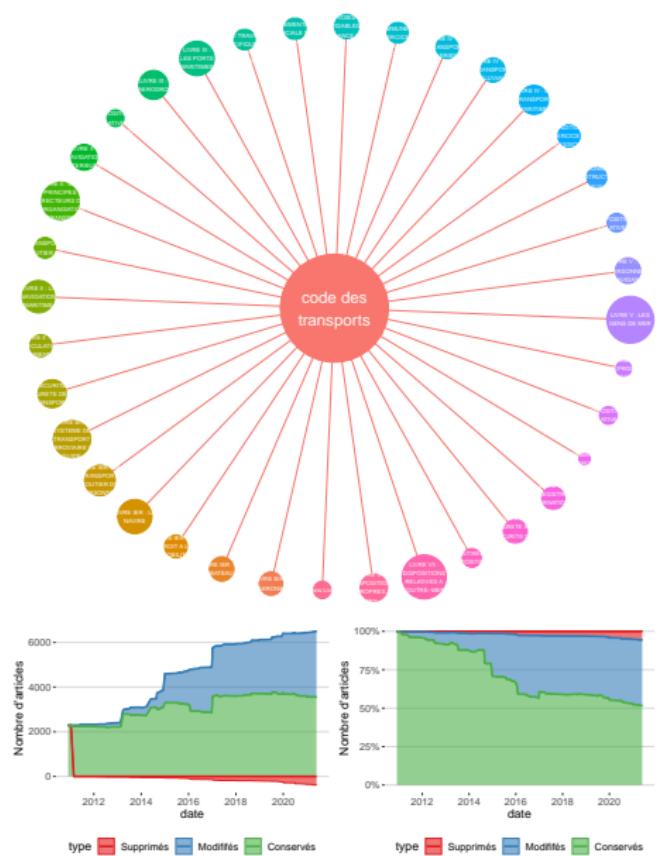


type Suppression Modification Ajout

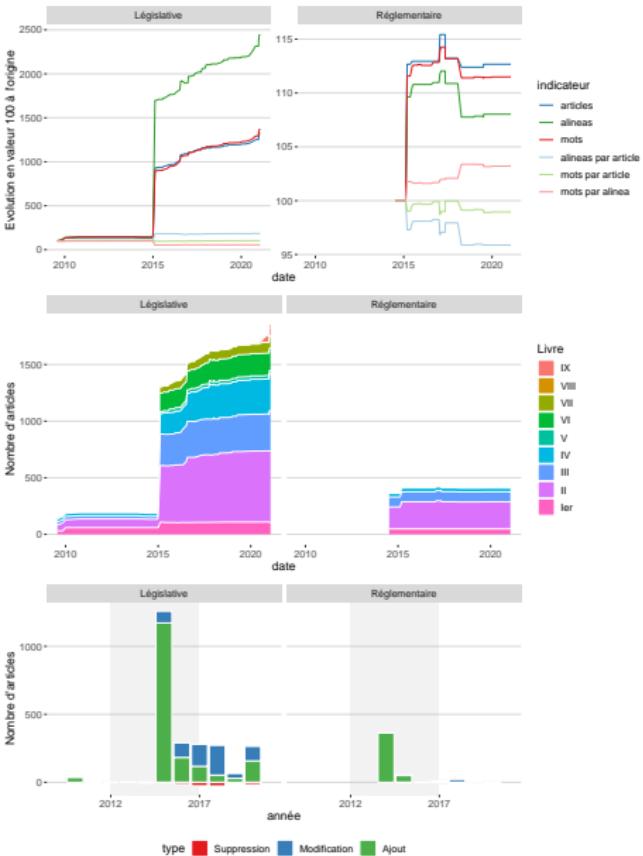
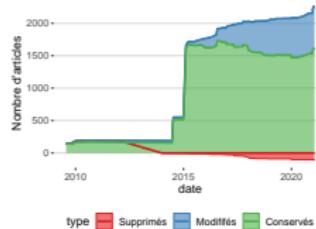
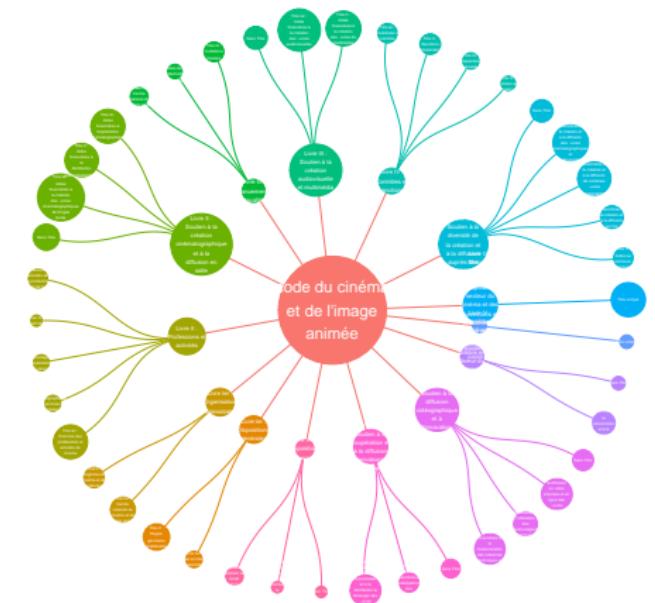
## code des postes et des communications électroniques



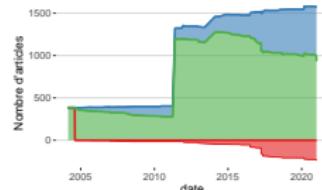
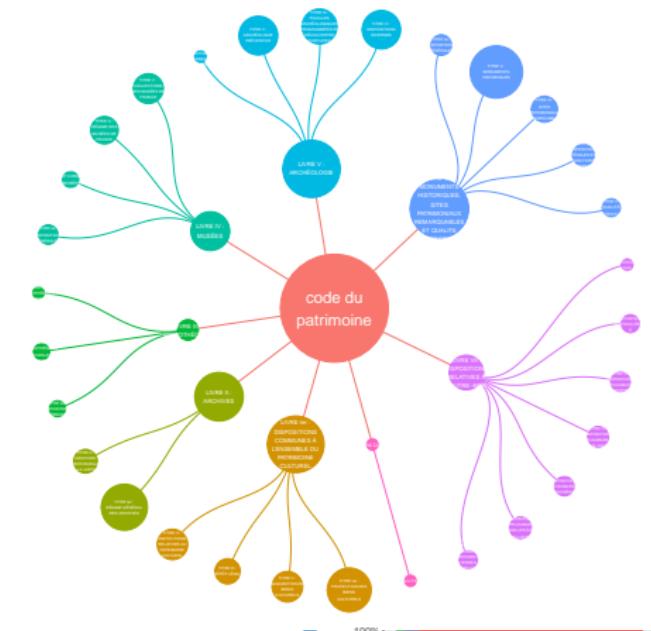
# code des transports



# code du cinéma et de l'image animée



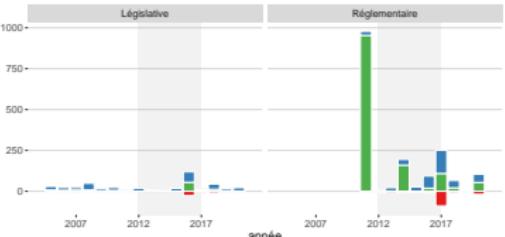
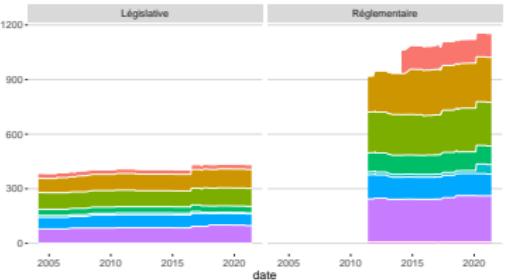
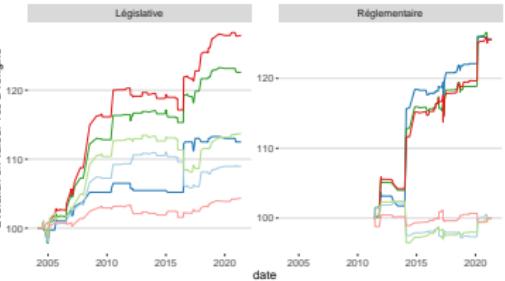
# code du patrimoine



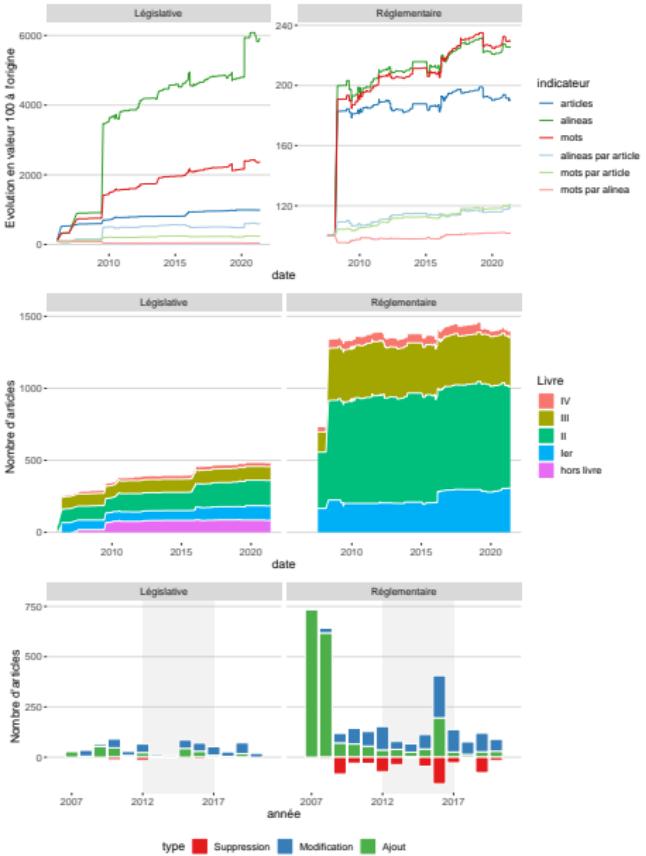
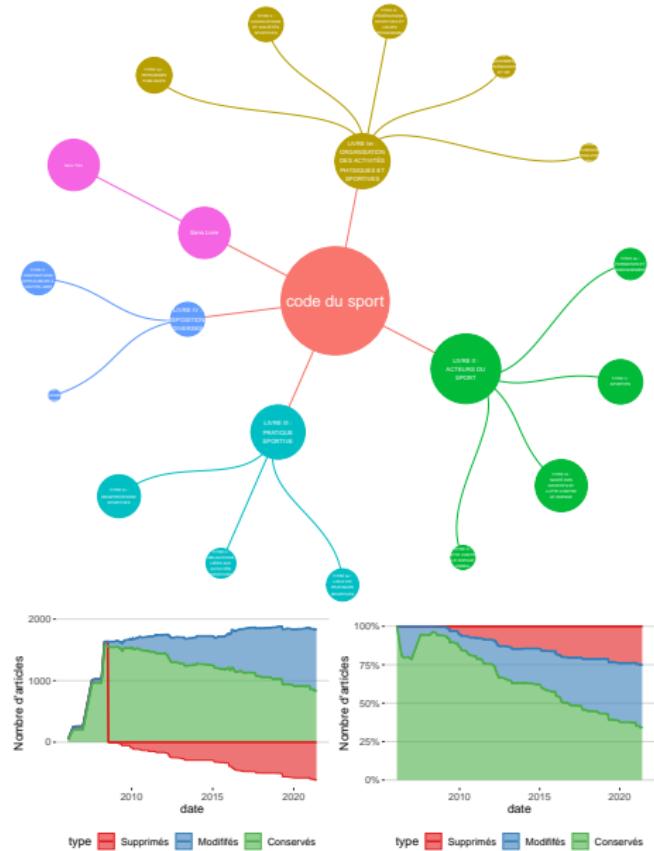
type Supprimés Modifiés Conservés

type Supprimés Modifiés Conservés

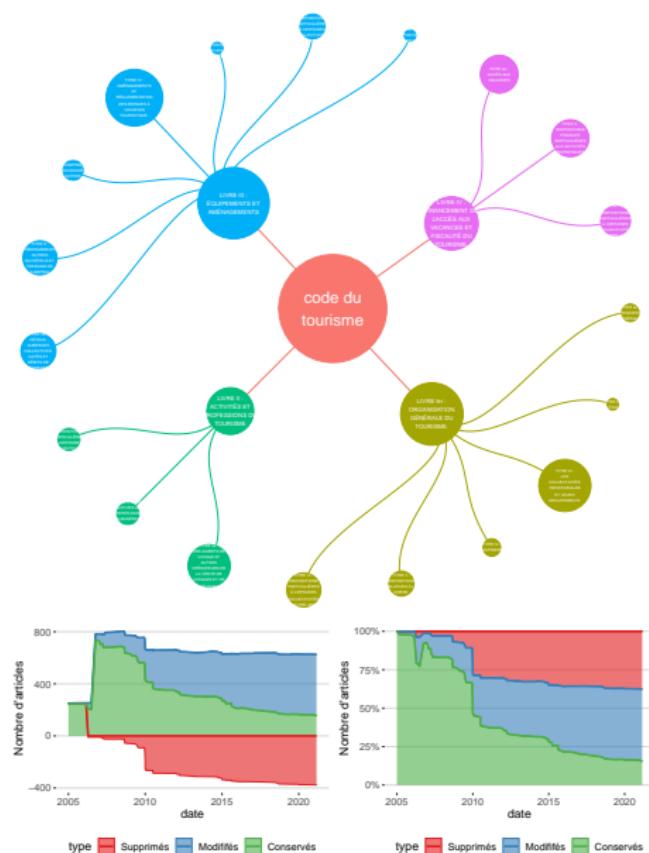
type Suppression Modification Ajout



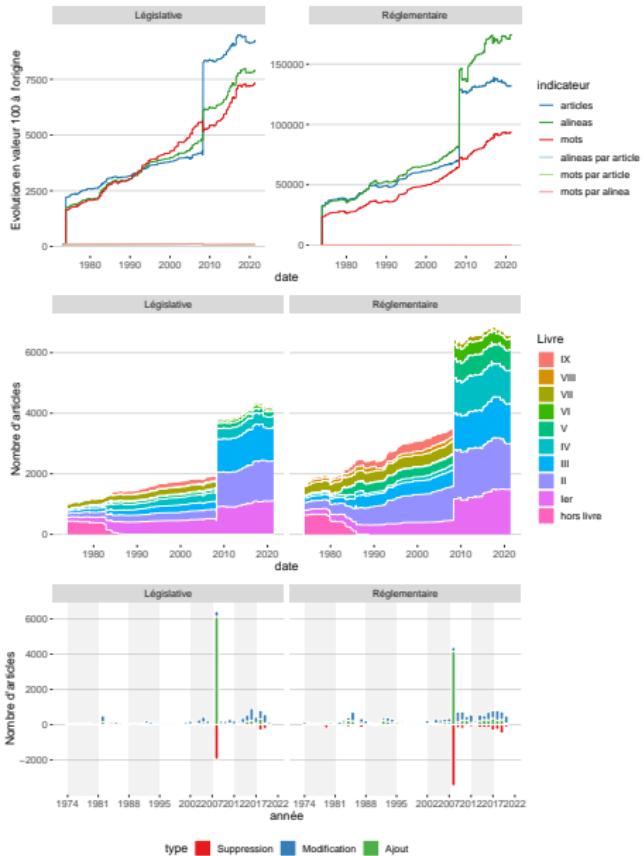
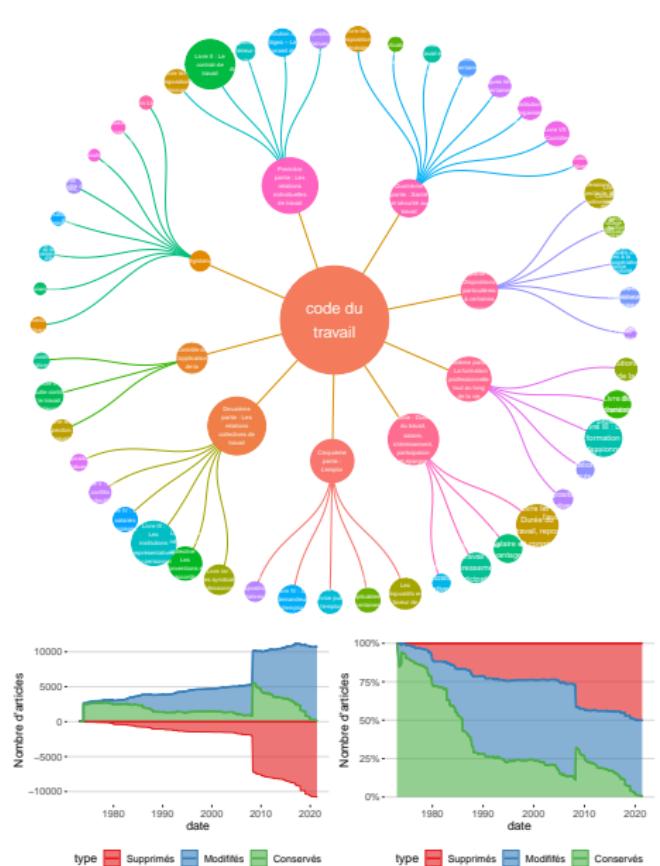
# code du sport



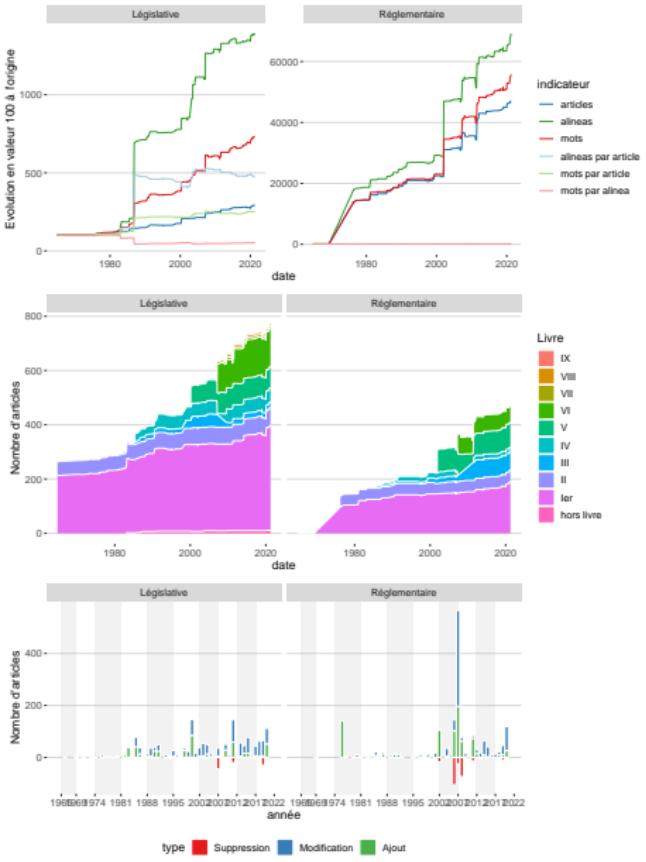
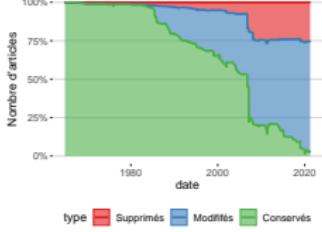
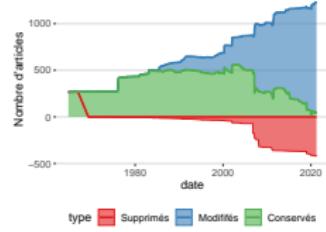
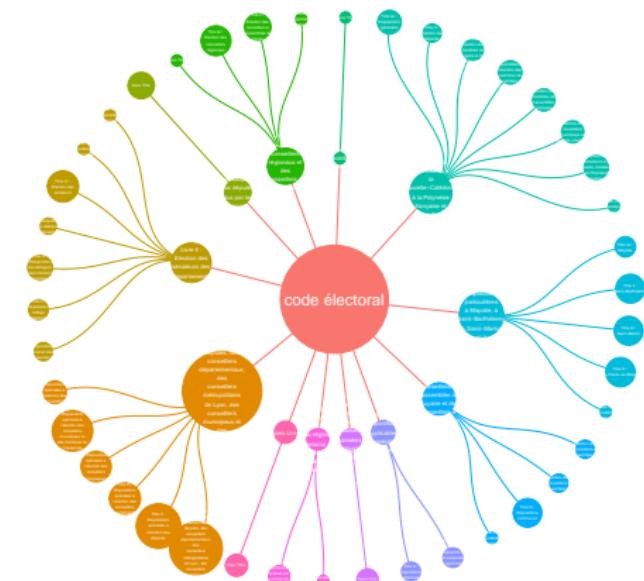
# code du tourisme



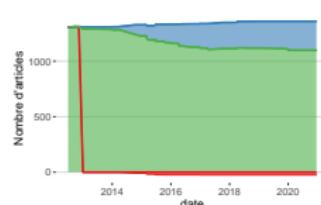
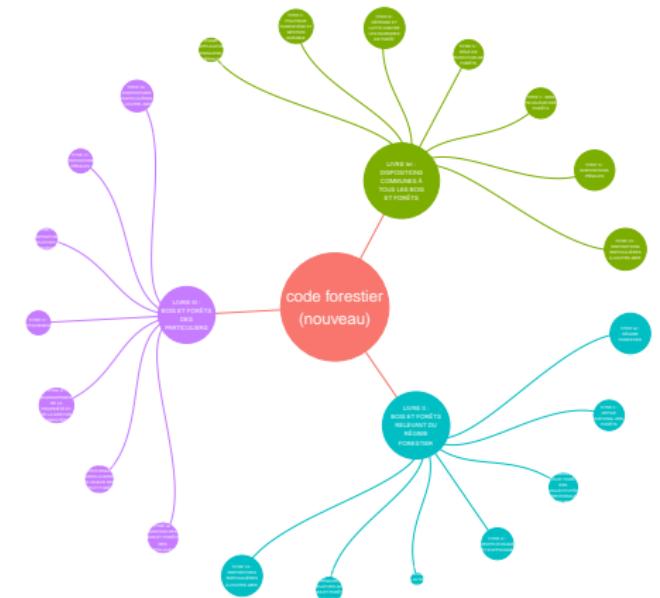
# code du travail



# code électoral



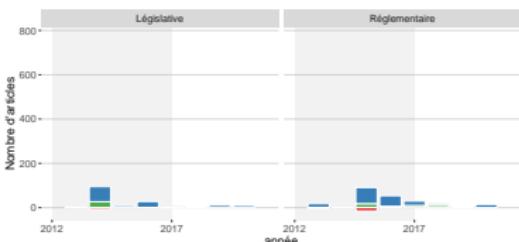
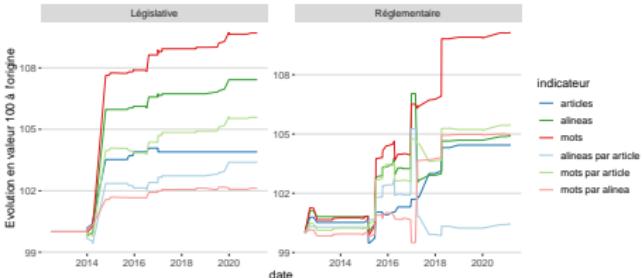
# code forestier (nouveau)



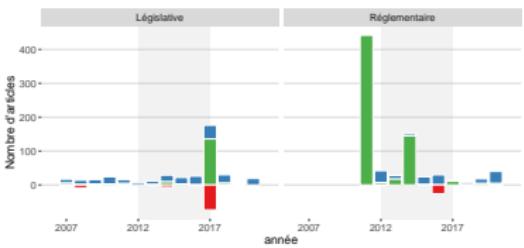
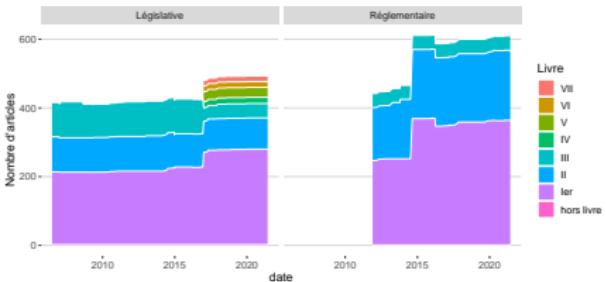
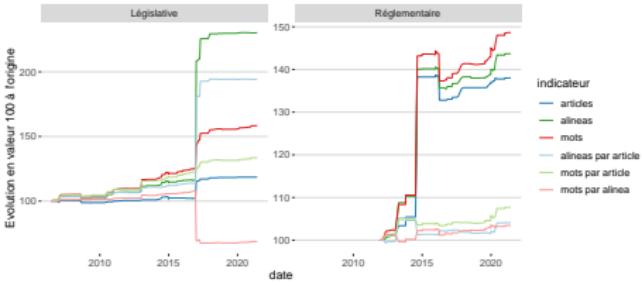
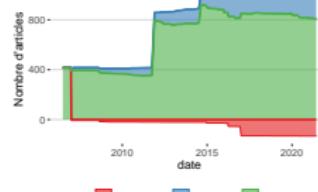
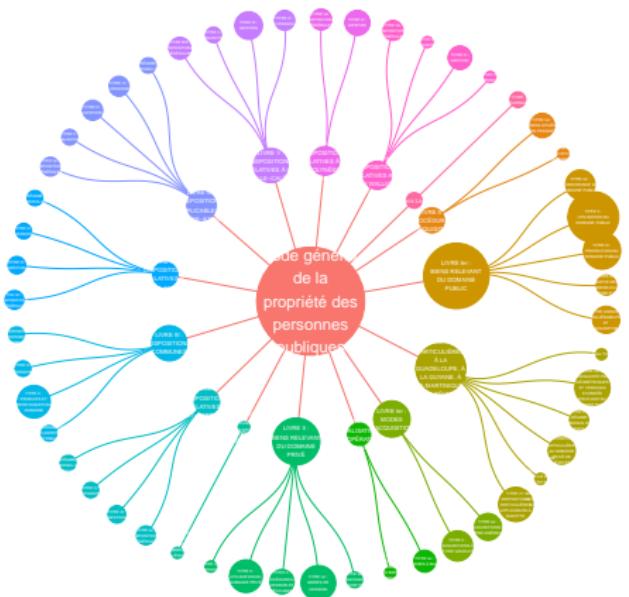
type ■ Supprimés ■ Modifiés ■ Conservés

type ■ Supprimés ■ Modifiés ■ Conservés

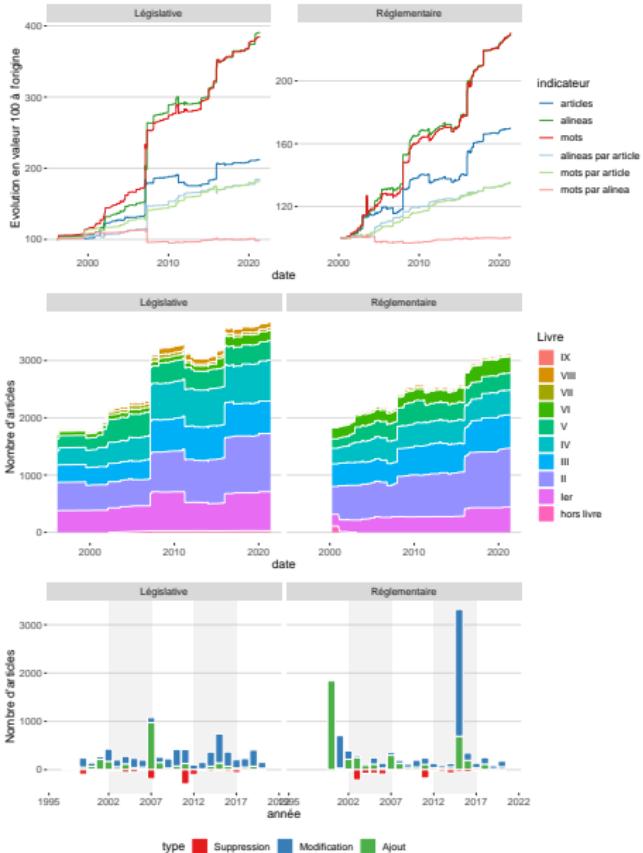
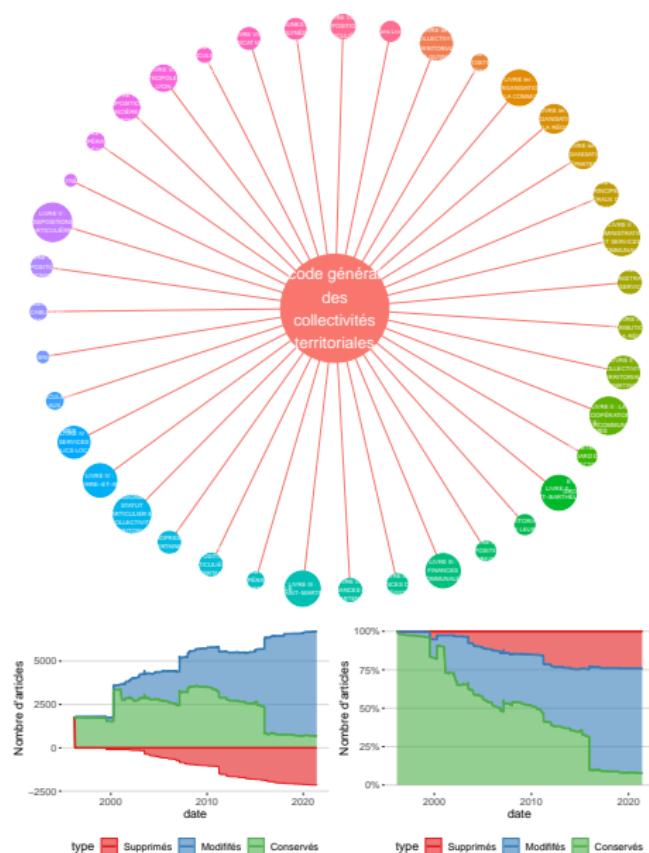
type ■ Suppression ■ Modification ■ Ajout



code général de la propriété des personnes publiques



# code général des collectivités territoriales



code pénal

