

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

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Université de Strasbourg

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Sous-section 1

Introduction

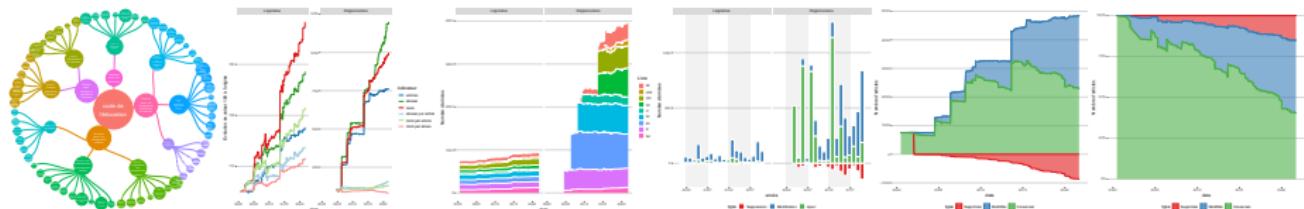
Présentation du projet

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 :

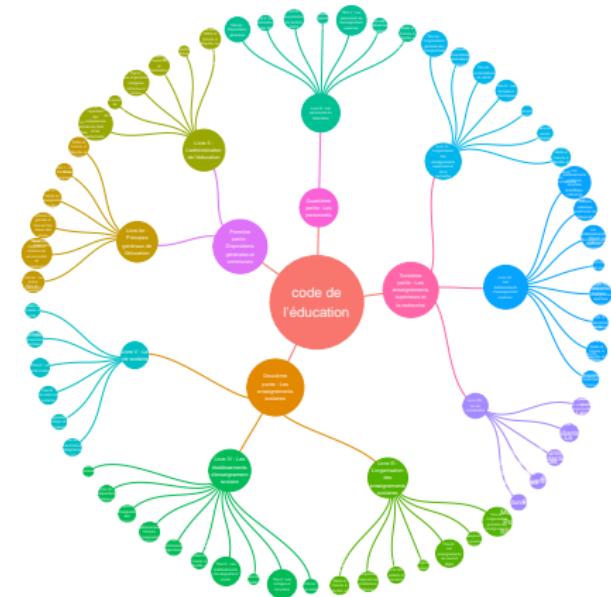
- Légifrance : le portail officiel bien connu ;
- Archéo Lex : un projet indépendant qui consolide les textes de Légifrance dans des dépôts GIT.

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.

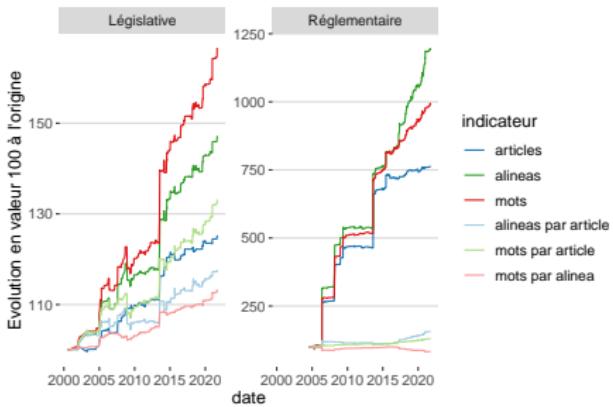
- La représentation se limite à la partie législative.
- Chaque nœud représente une section du code.
- La couleur est celle de la sous-partie ou du Livre.
- La taille représente le nombre d'articles.



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.

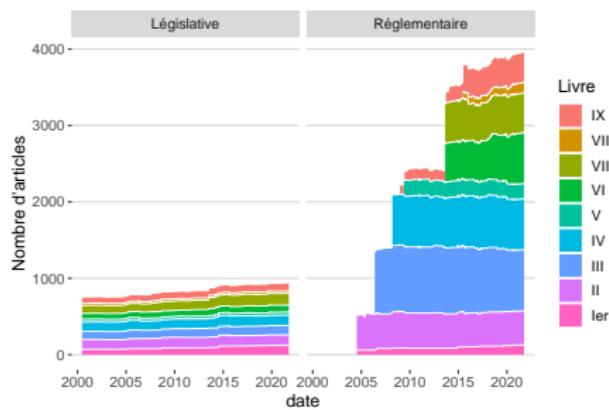


Evolution des volumes des Livres

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.

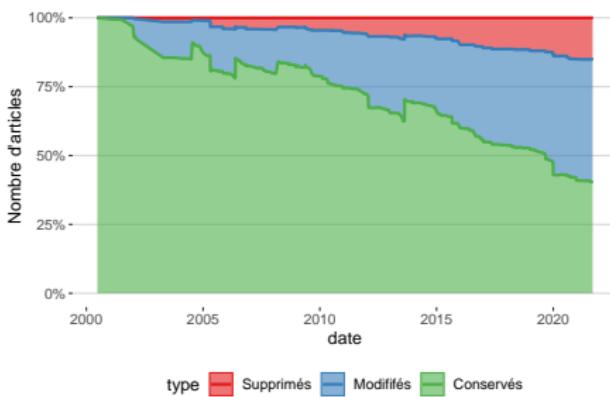
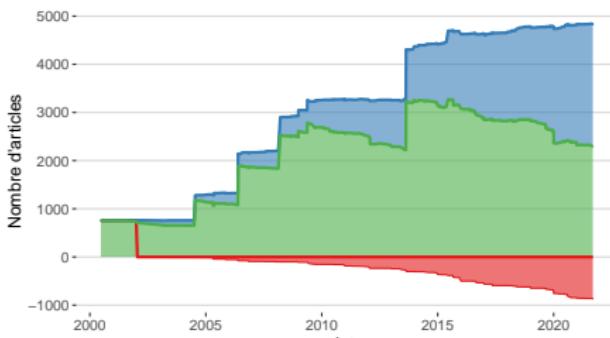
- Les couleurs représentent les Livres.



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.

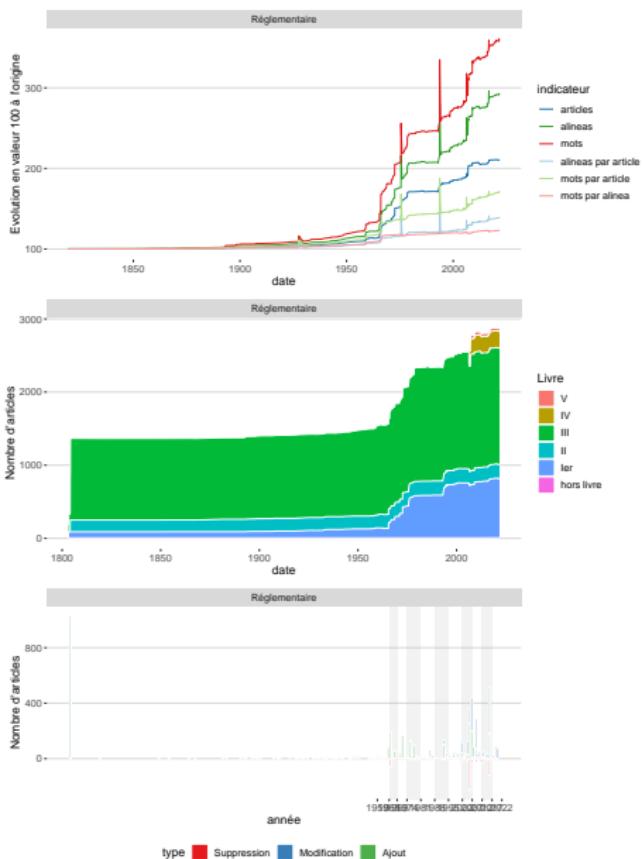
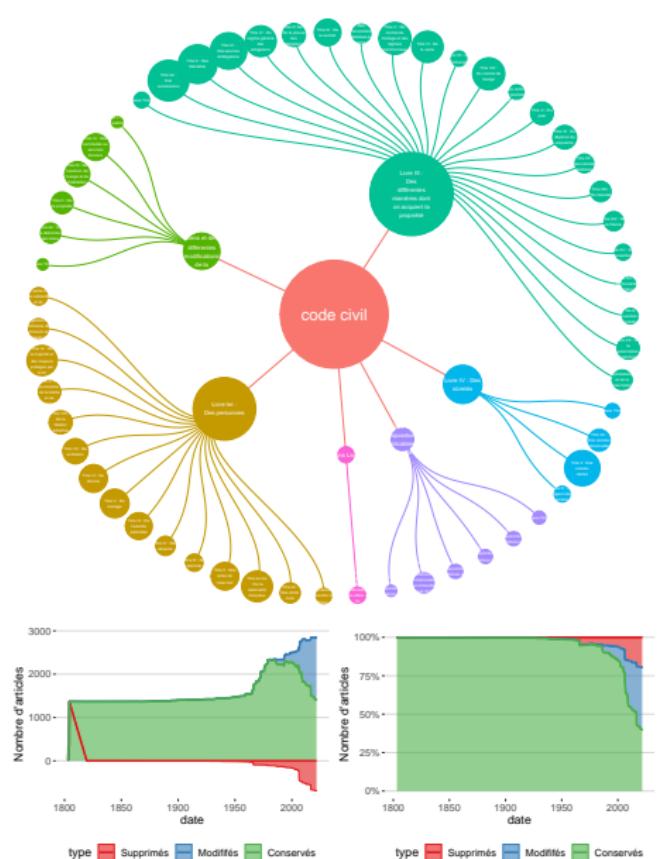
- Les couleurs représentent le nombre d'articles ajoutés, modifiés ou supprimés.
- La première représentation est en nombre d'articles.
- La seconde représentation est en proportion des articles.
- En raison d'erreurs en cours de correction dans Légifrance, certaines visualisations peuvent présenter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



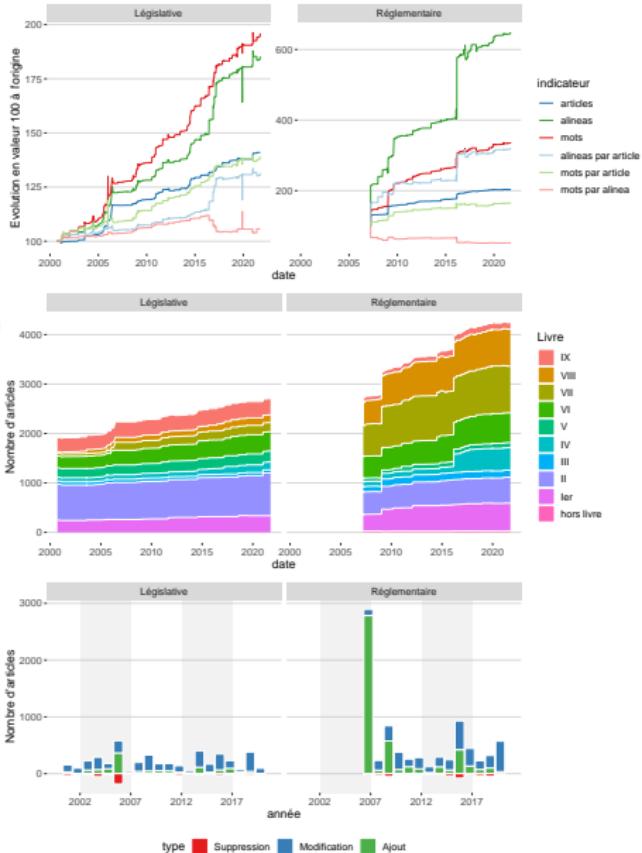
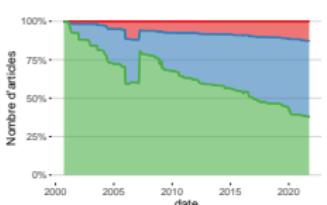
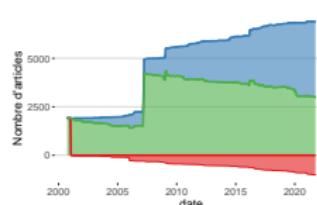
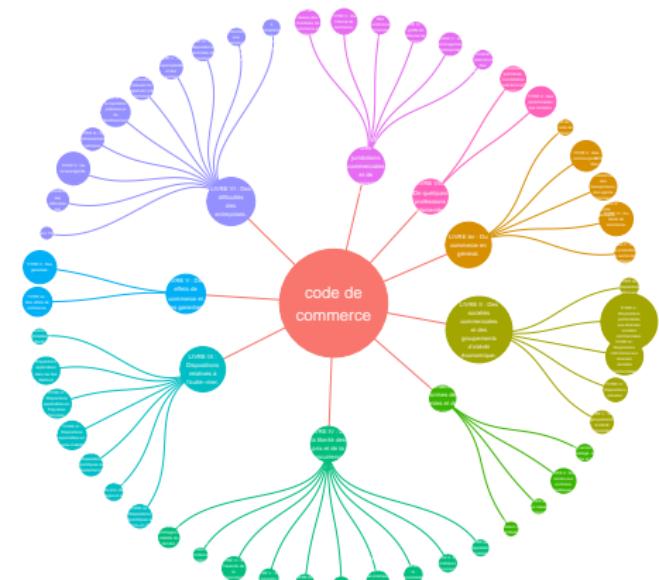
Sous-section 2

Codes

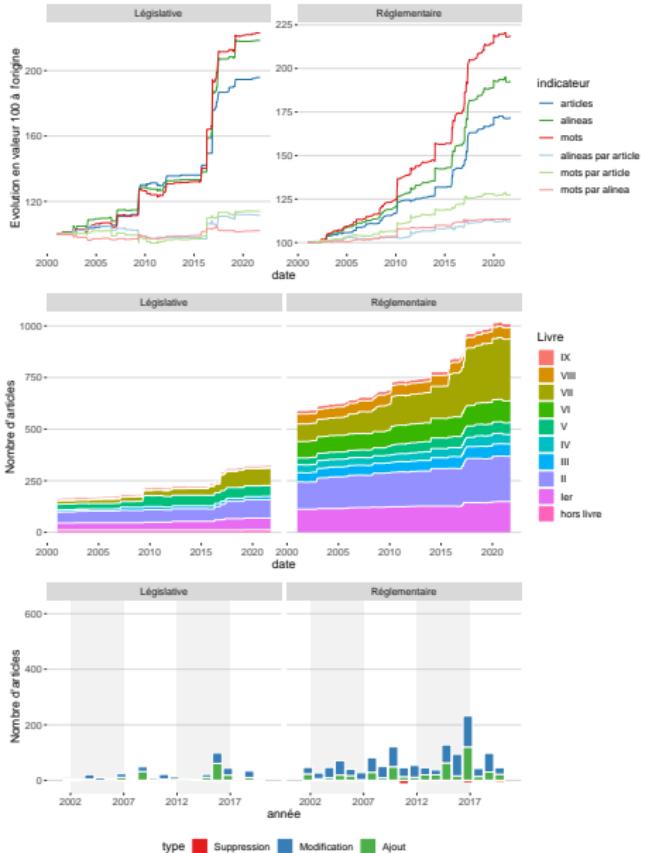
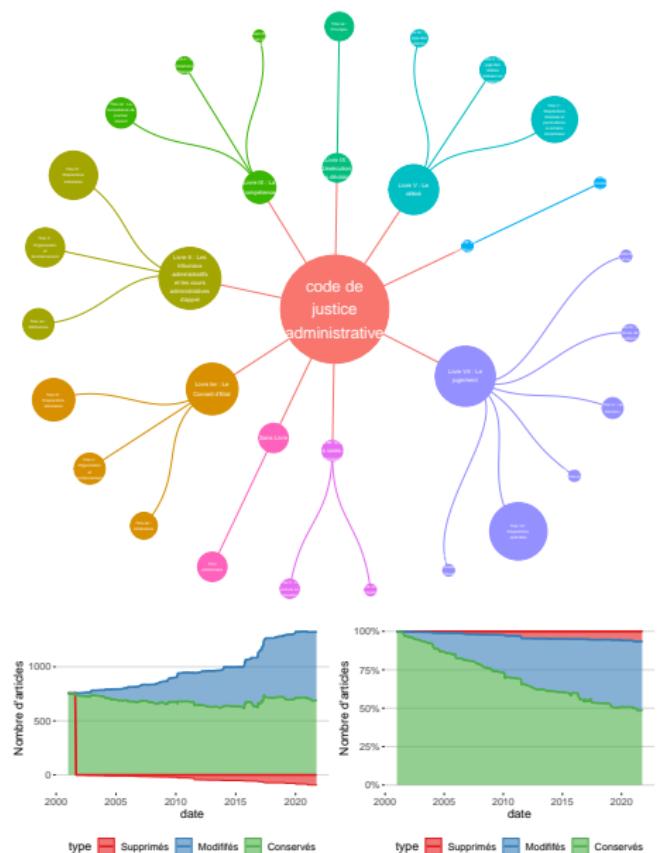
code civil



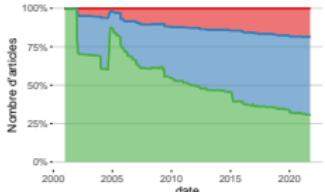
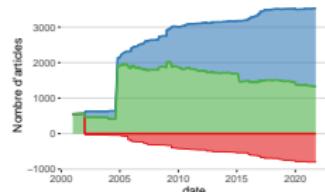
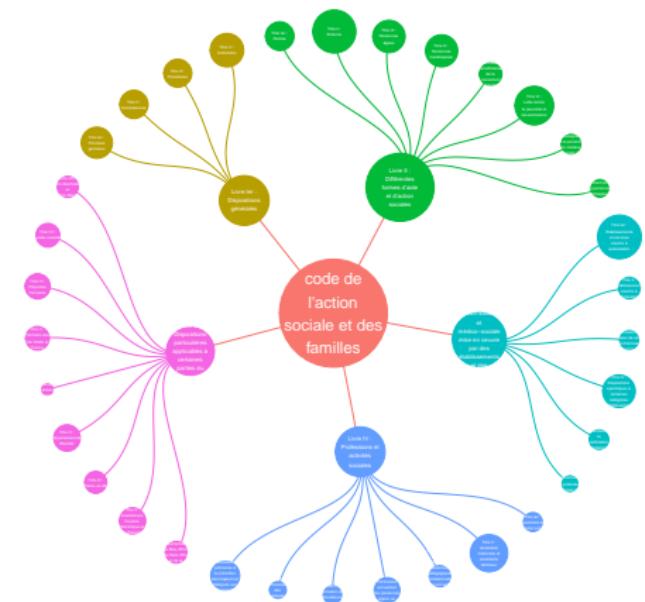
code de commerce



code de justice administrative



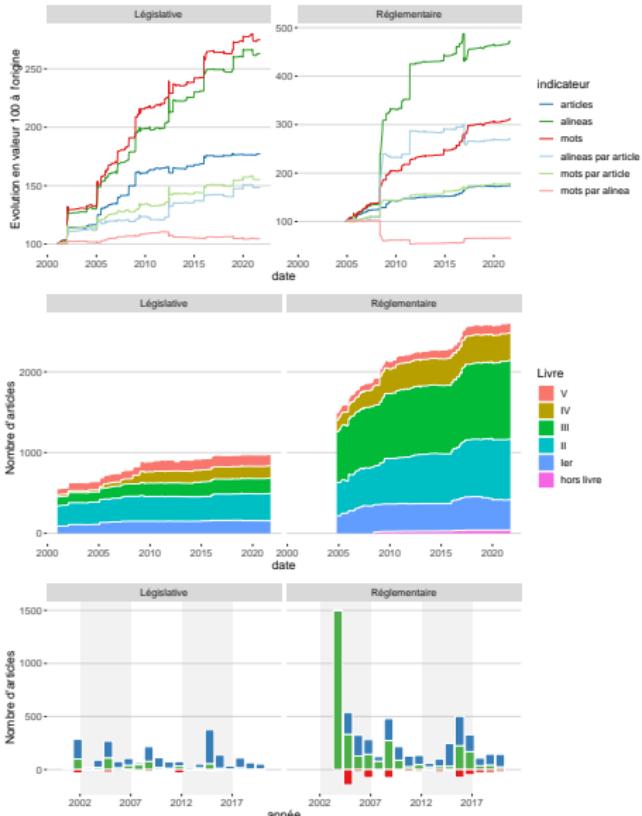
code de l'action sociale et des familles



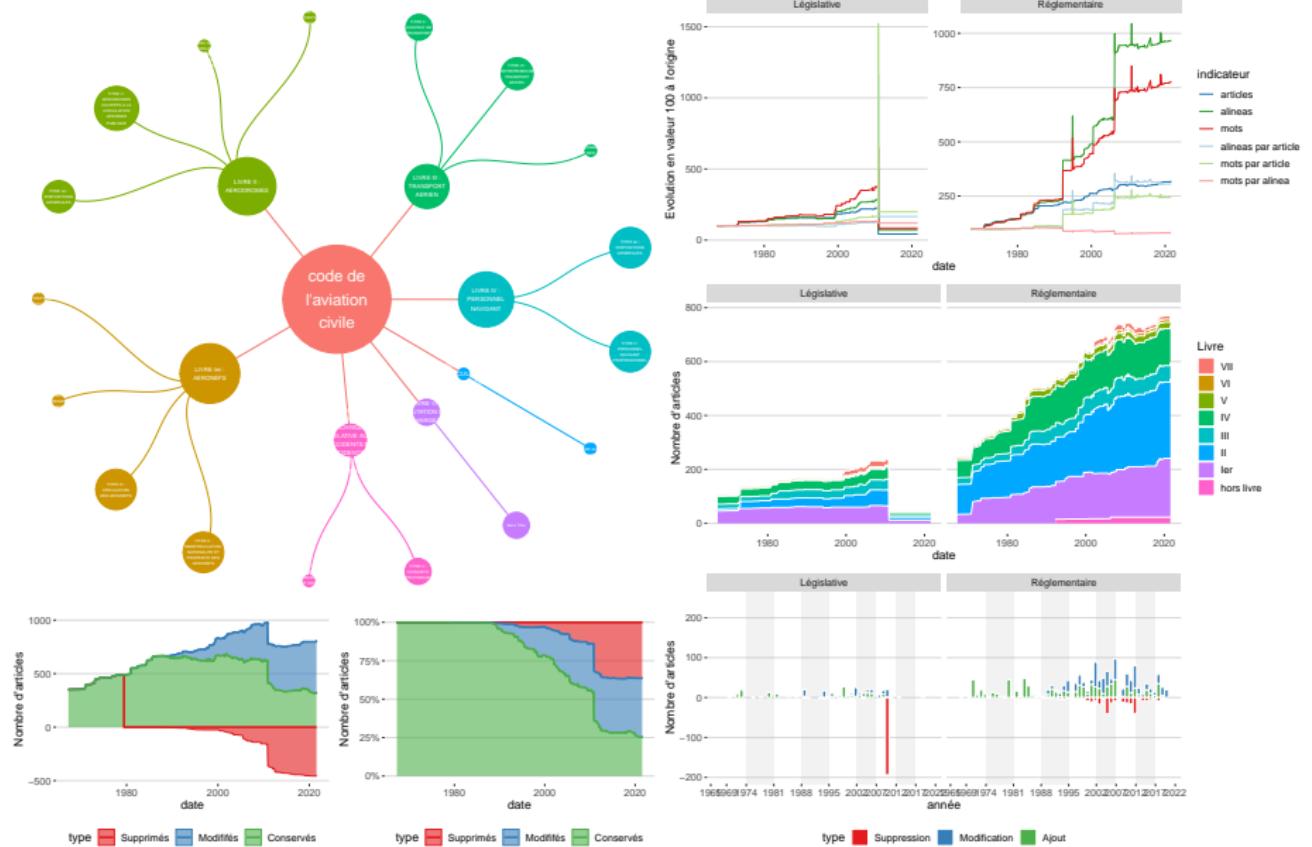
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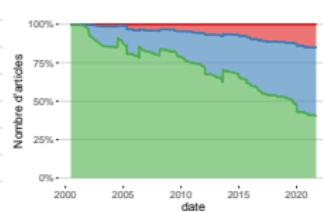
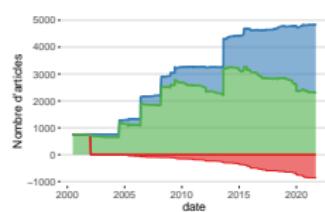
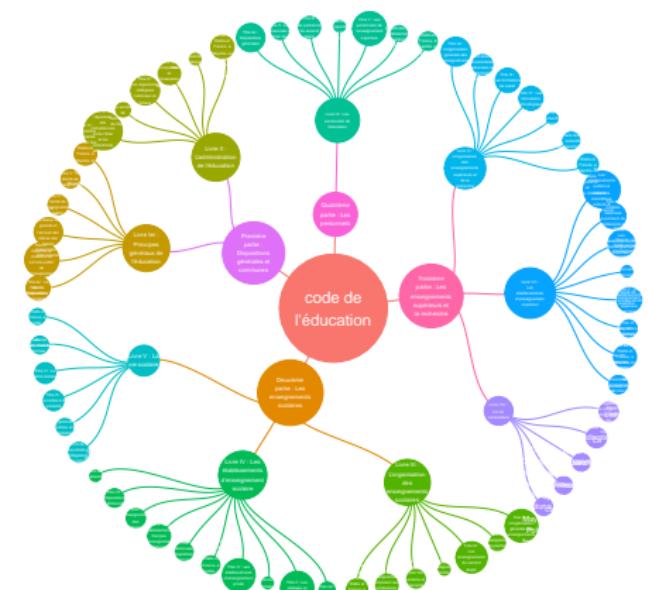
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code de l'aviation civile



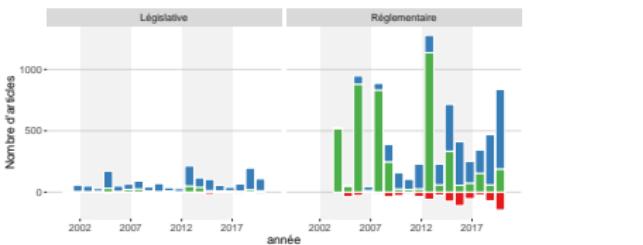
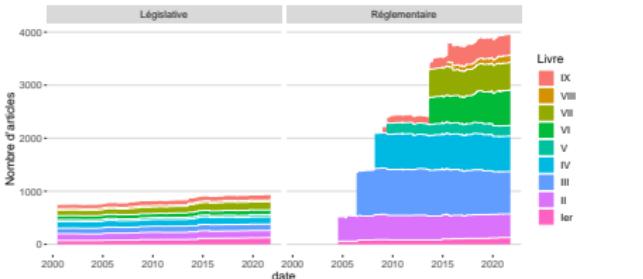
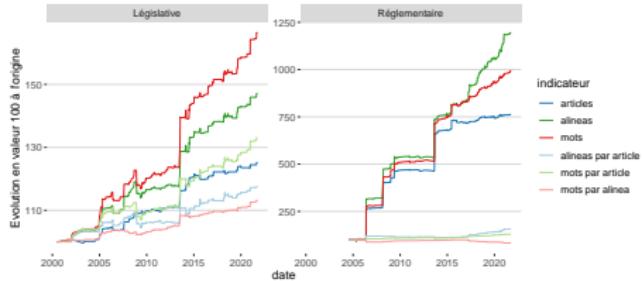
code de l'éducation



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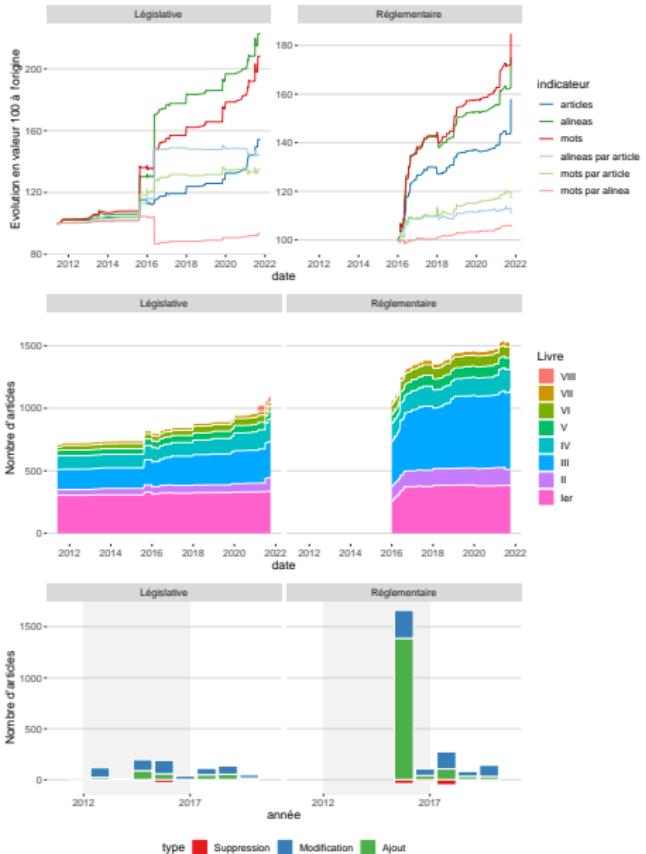
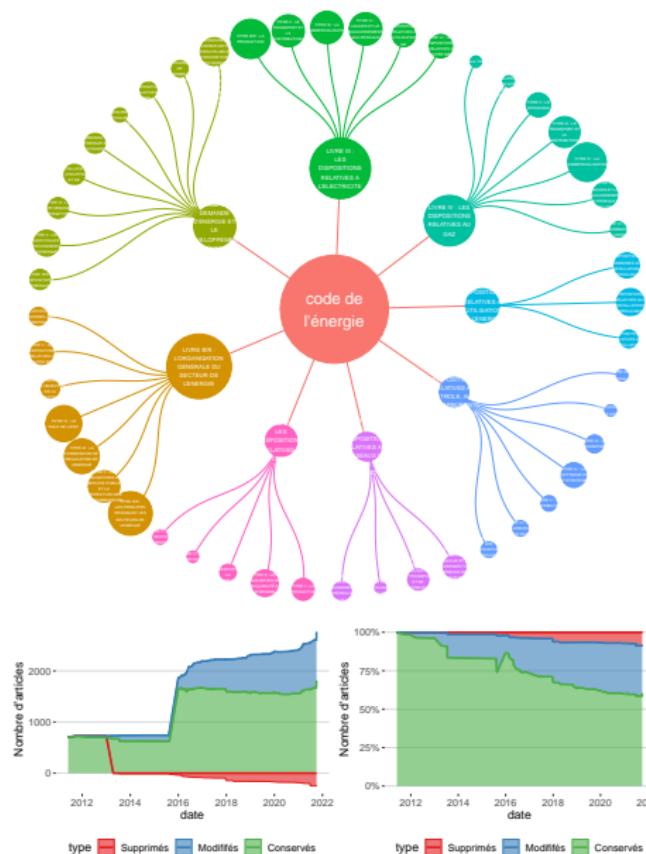
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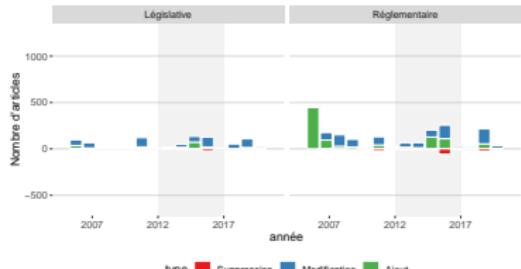
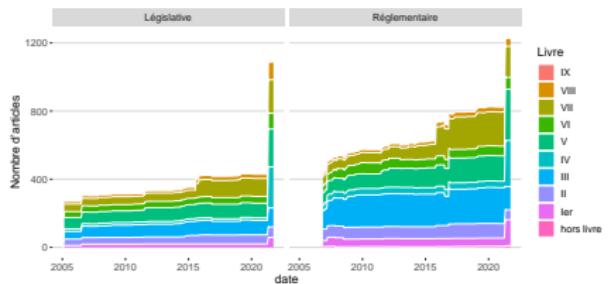
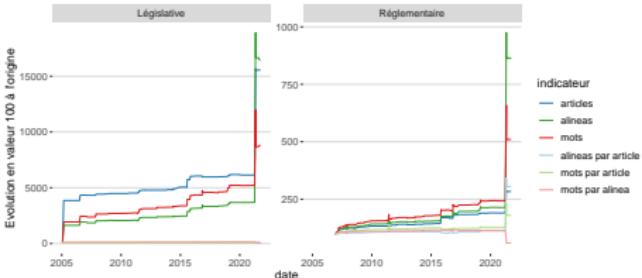
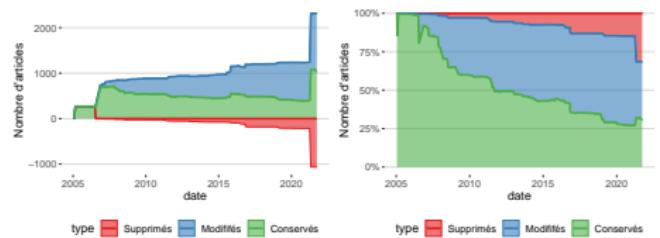
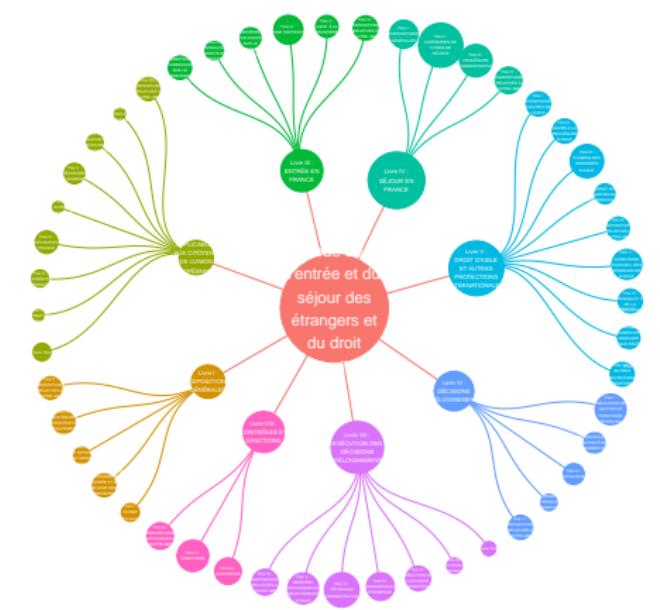


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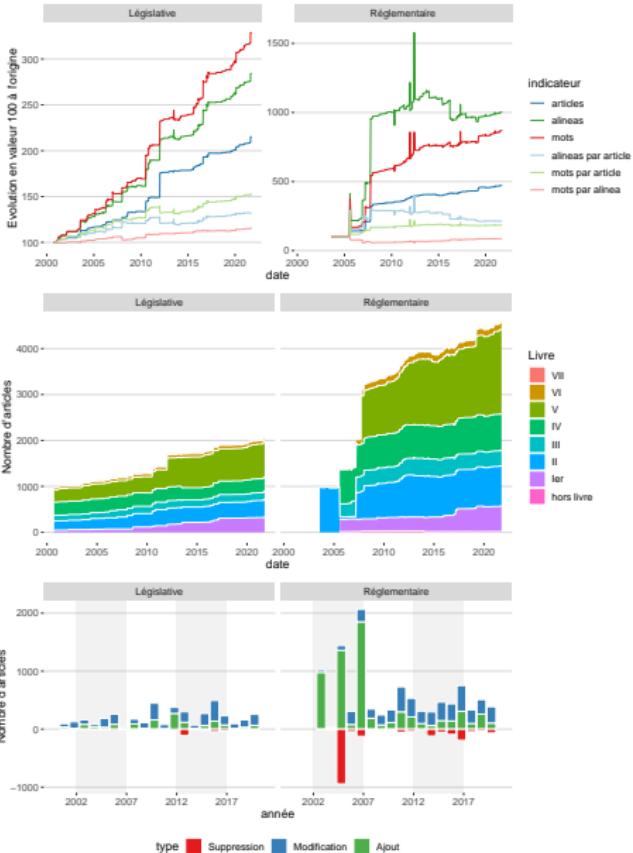
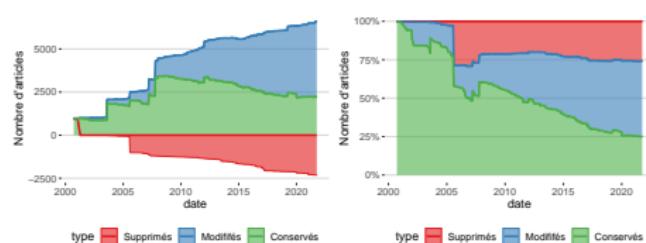
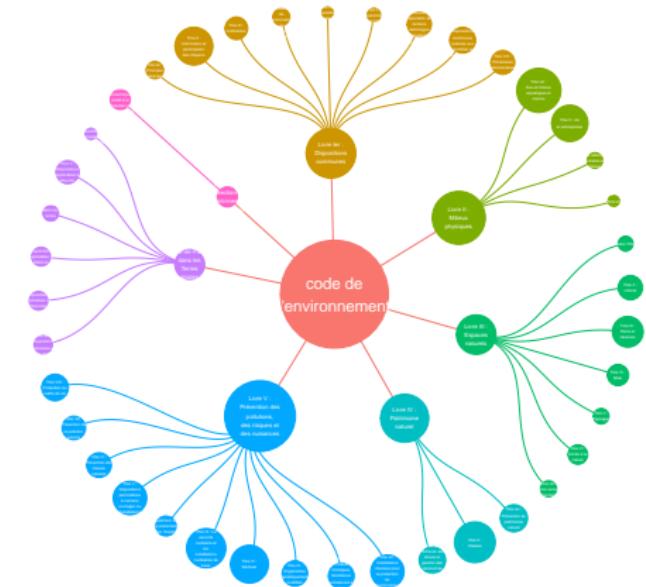
code de l'énergie



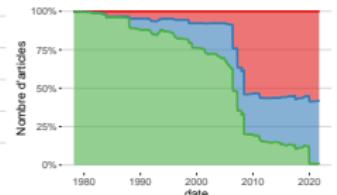
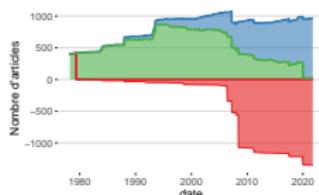
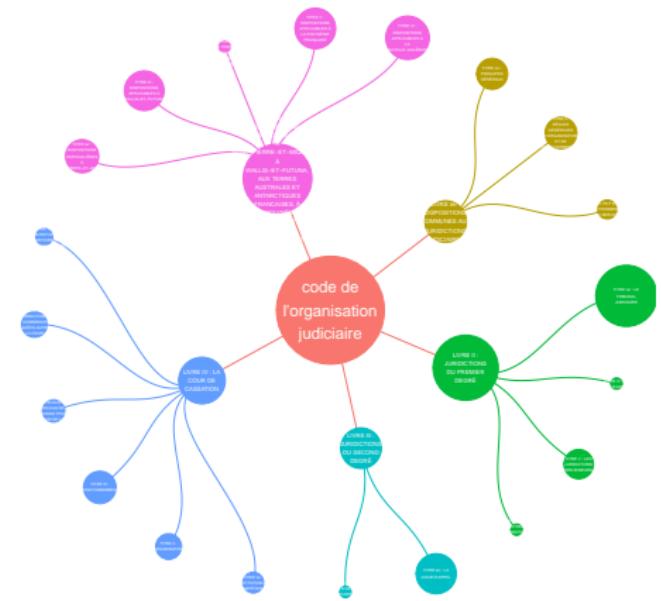
code de l'entrée et du séjour des étrangers et du droit d'asile



code de l'environnement



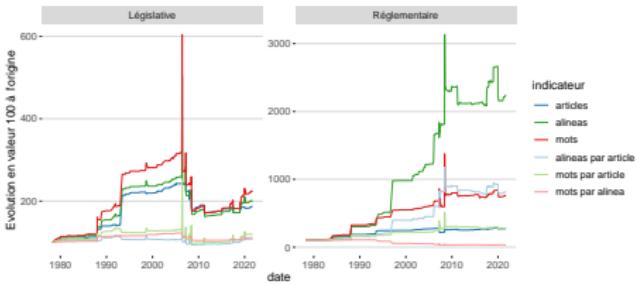
code de l'organisation judiciaire



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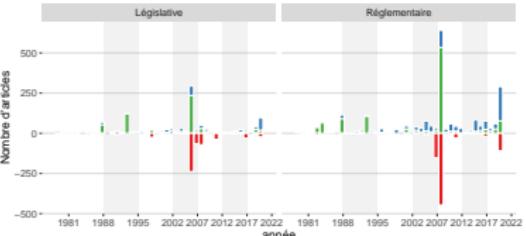
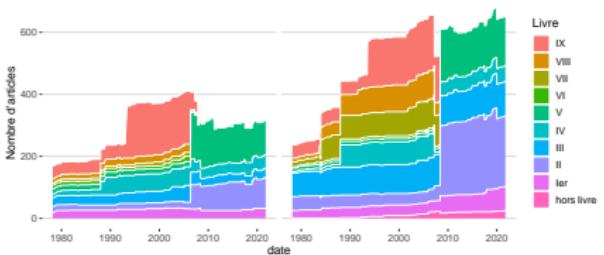
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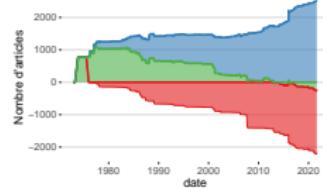
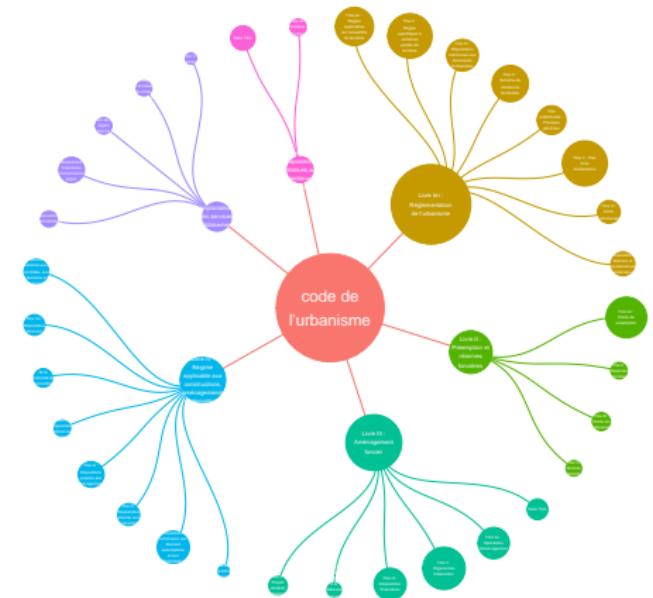
indicateur

- articles
- alineas
- mots
- alineas par article
- mots par article
- mots par alinea

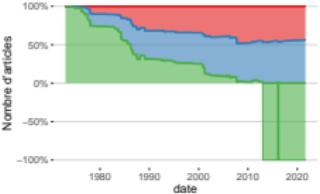


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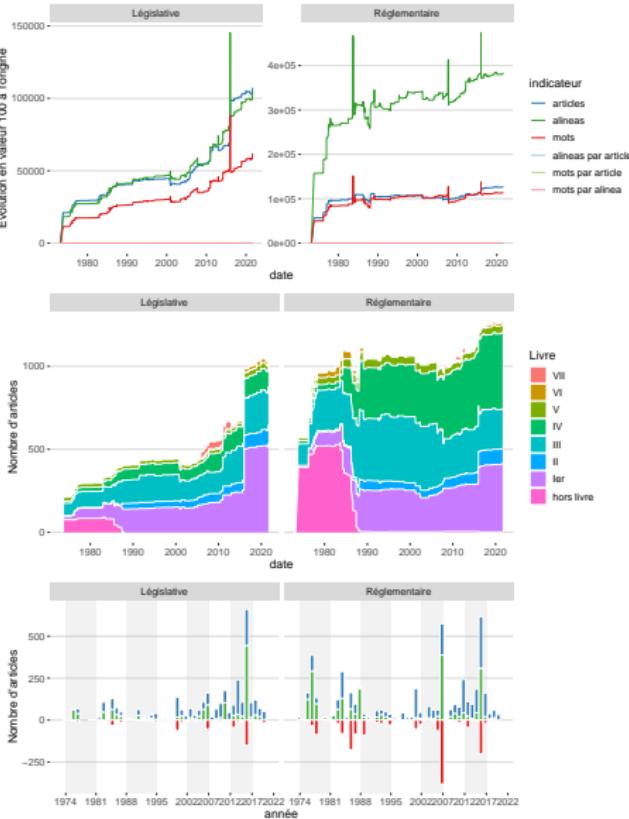
code de l'urbanisme



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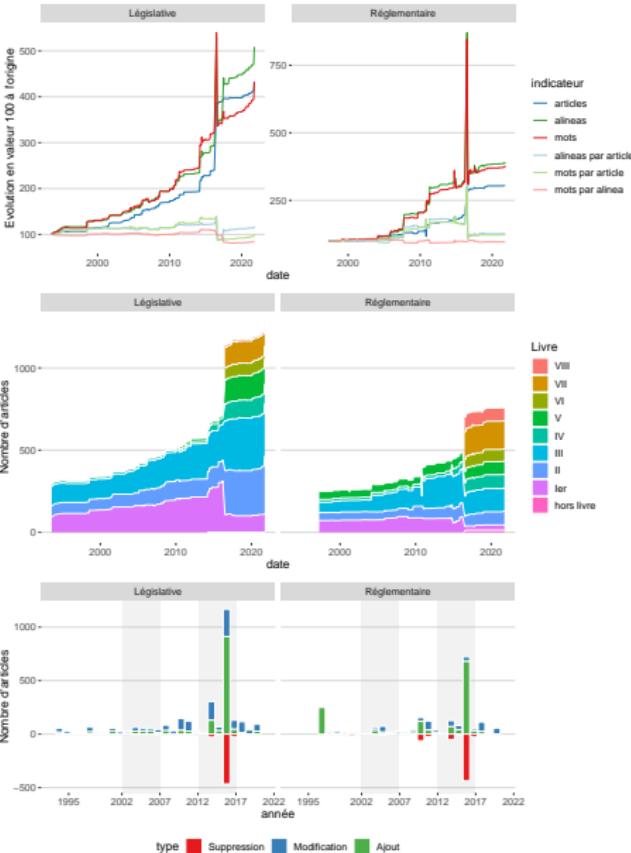
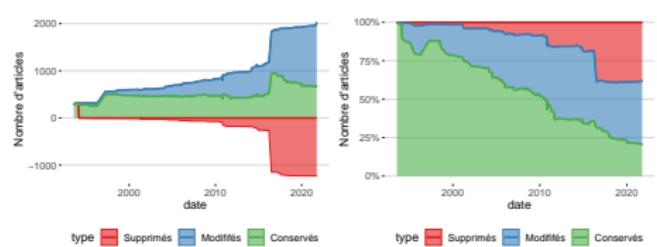
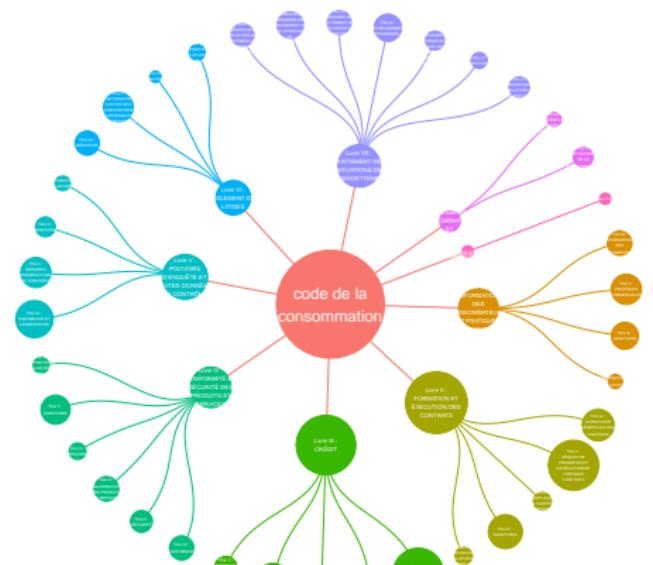


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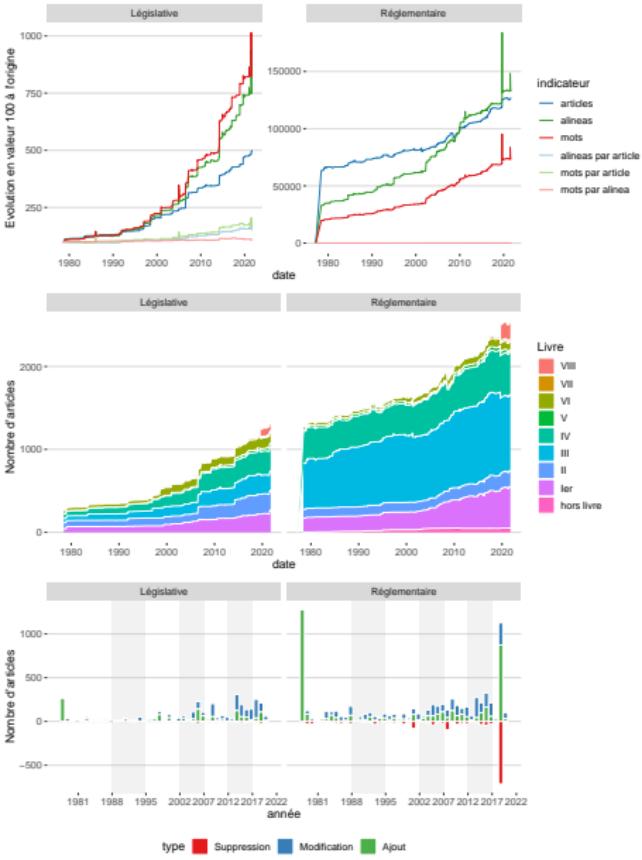
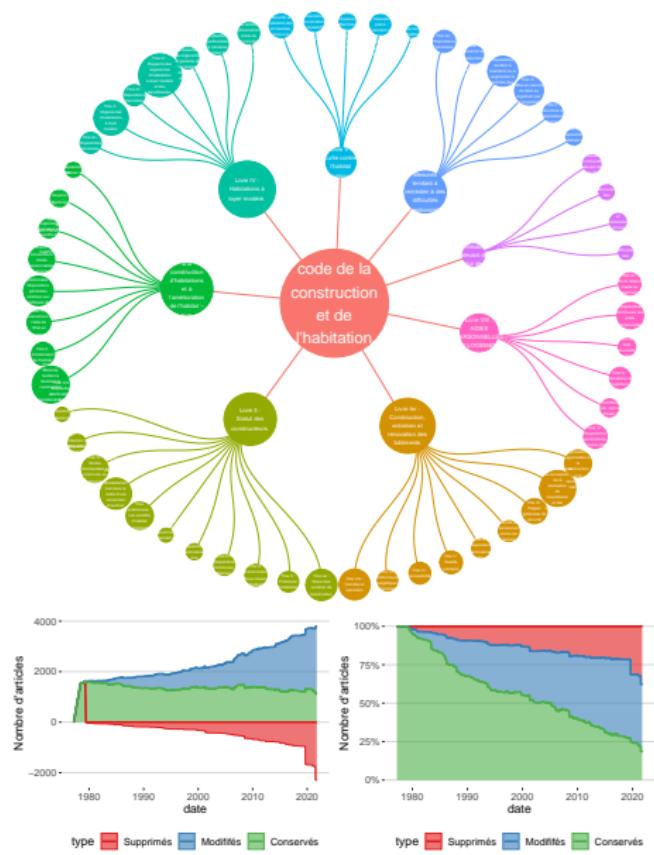


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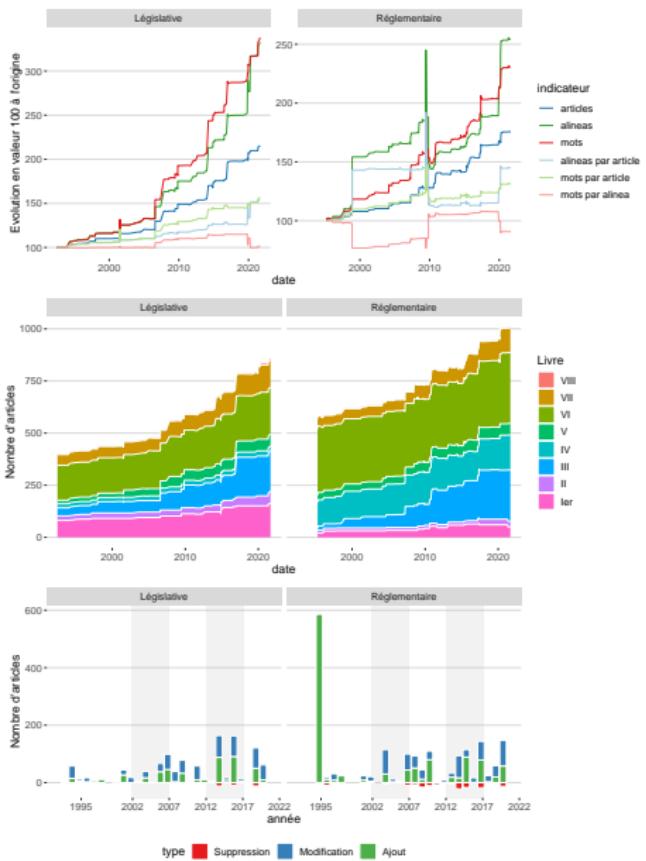
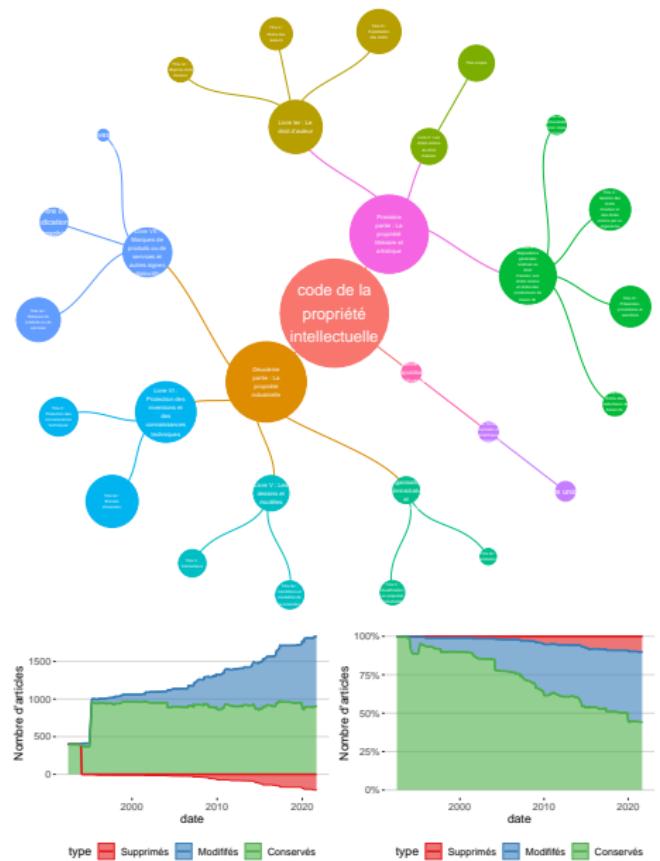
code de la consommation



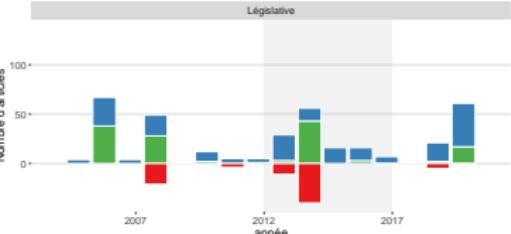
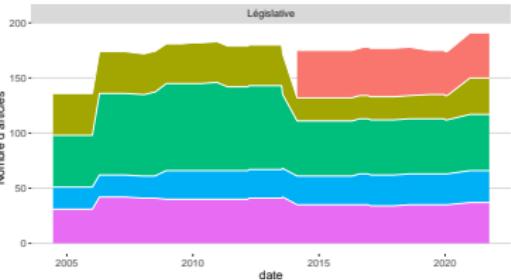
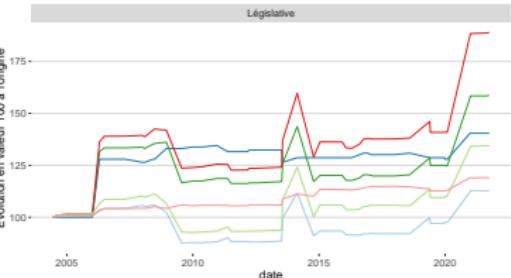
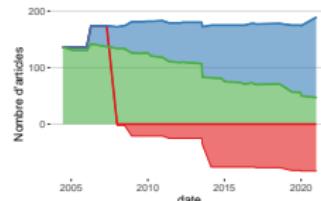
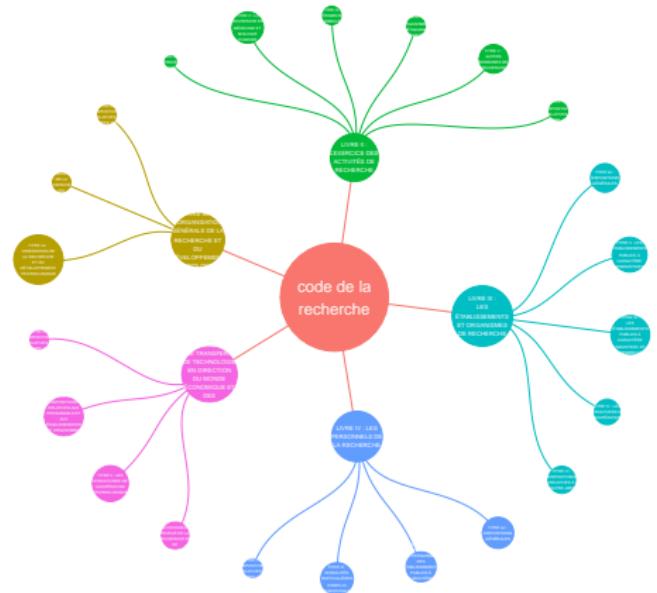
code de la construction et de l'habitation



code de la propriété intellectuelle



code de la recherche

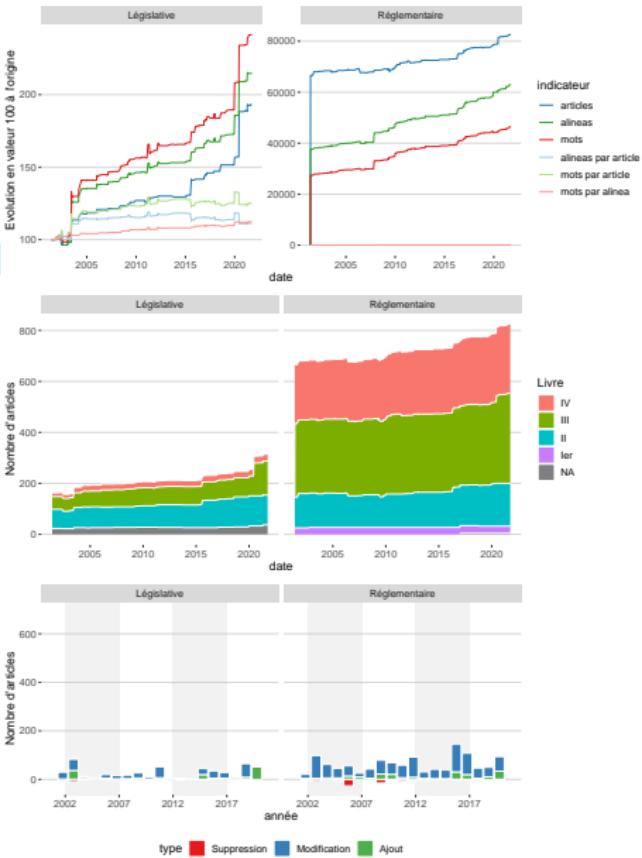
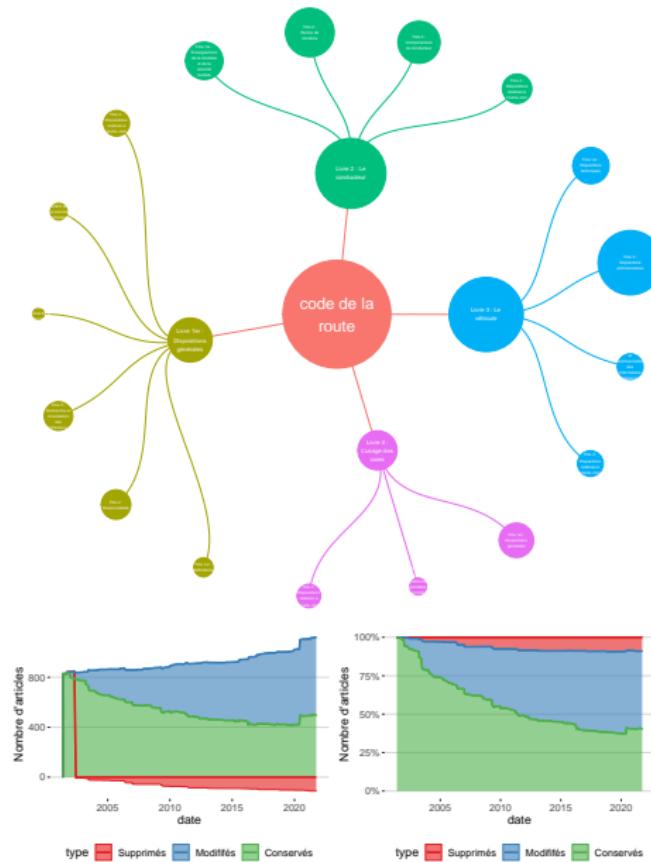


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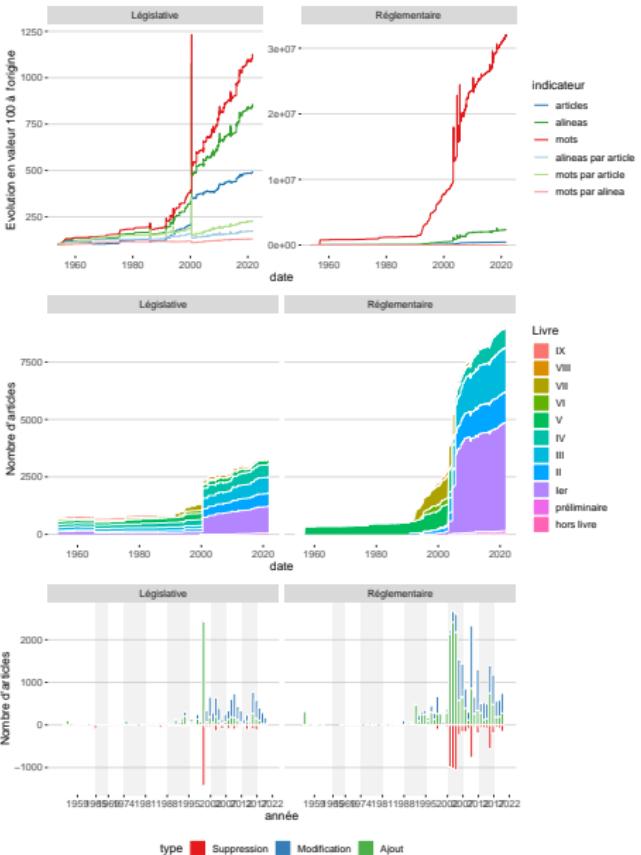
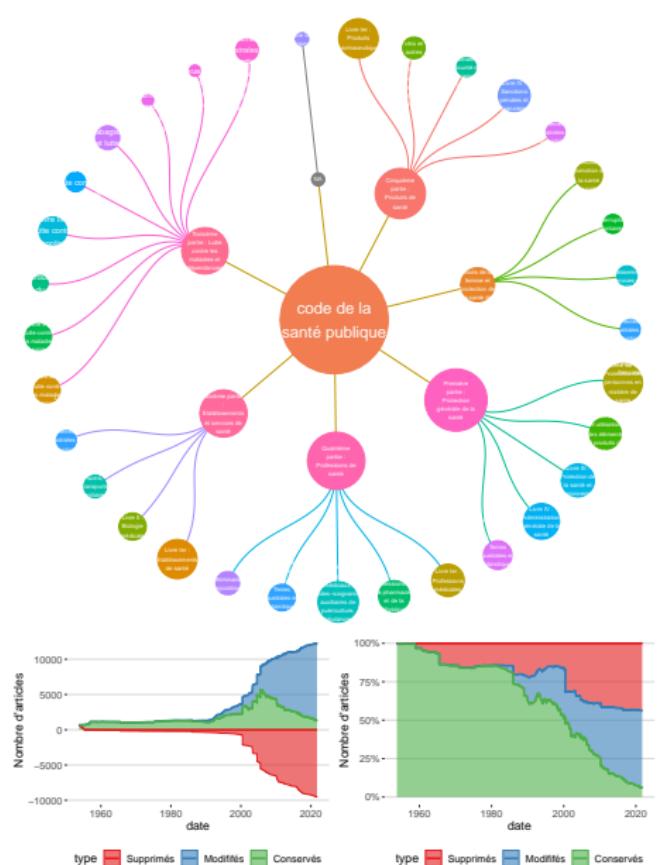
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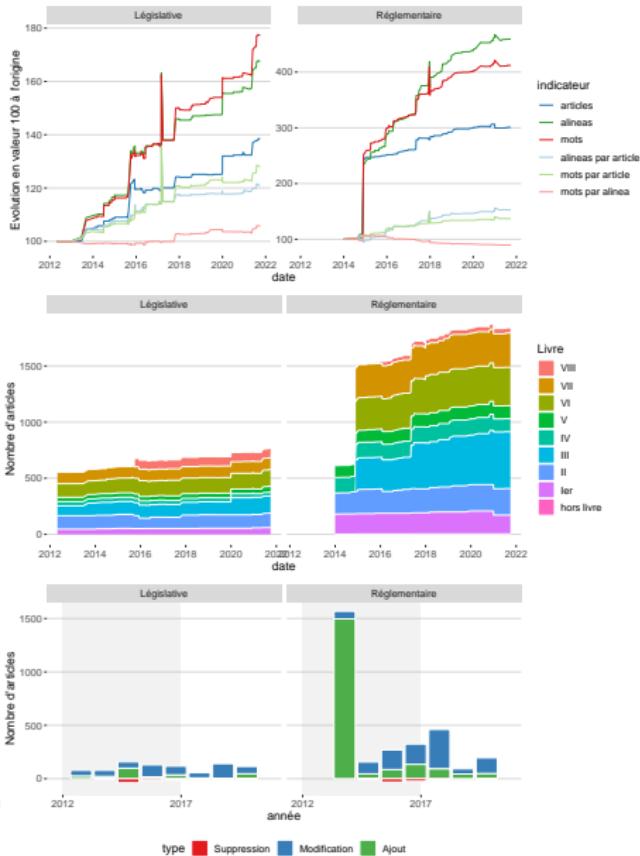
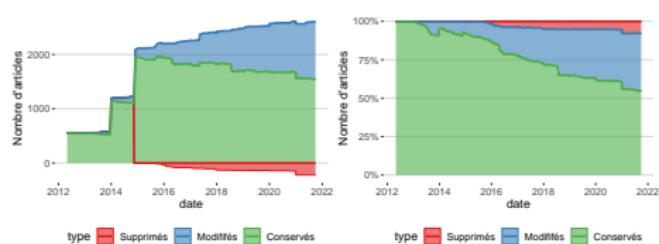
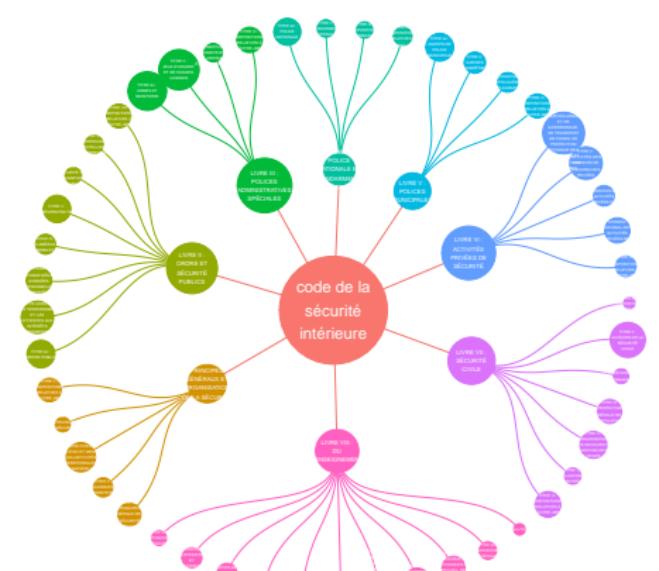
code de la route



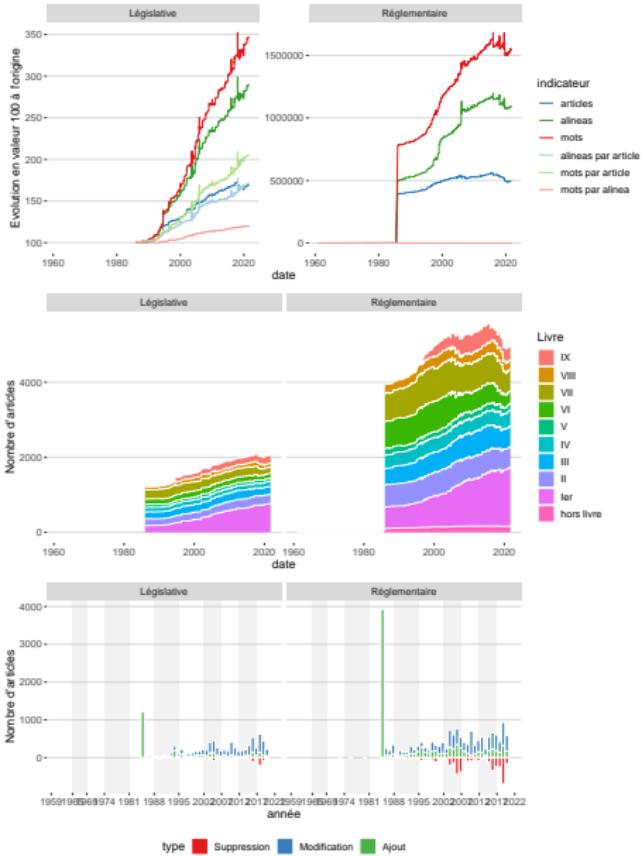
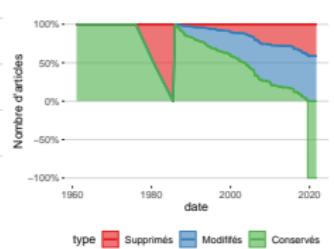
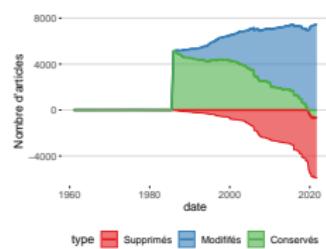
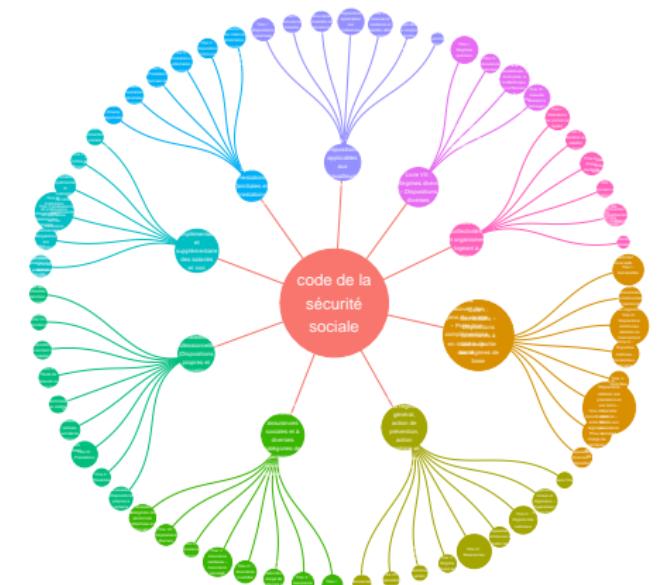
code de la santé publique



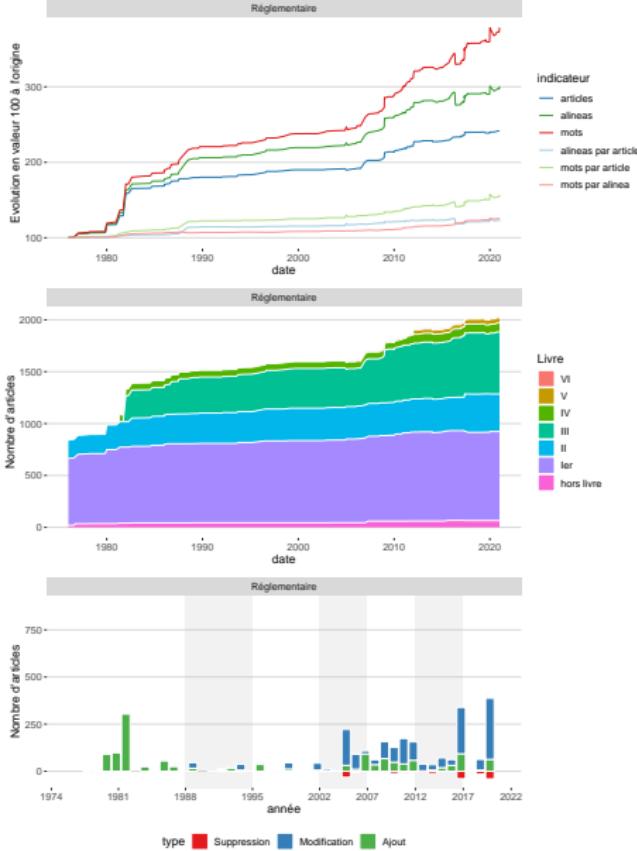
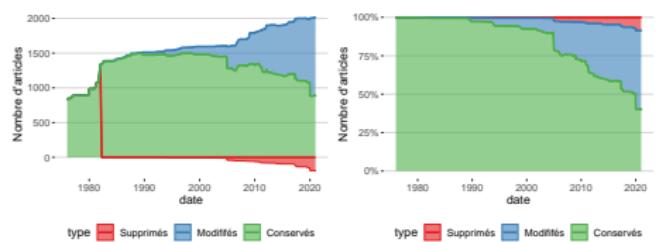
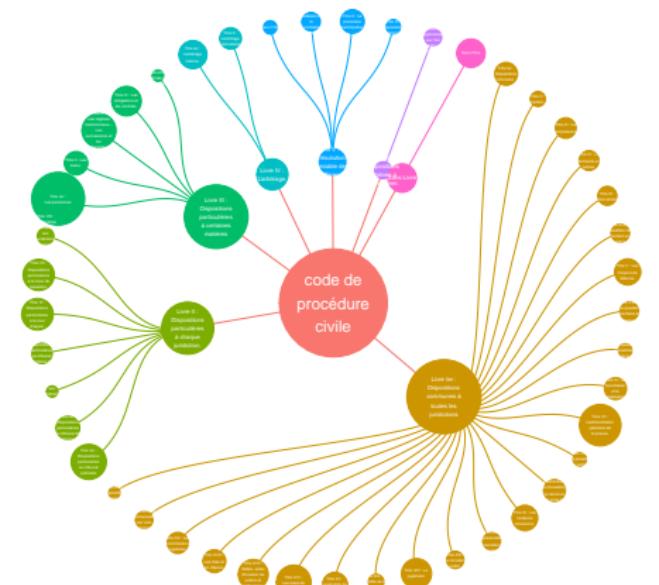
code de la sécurité intérieure



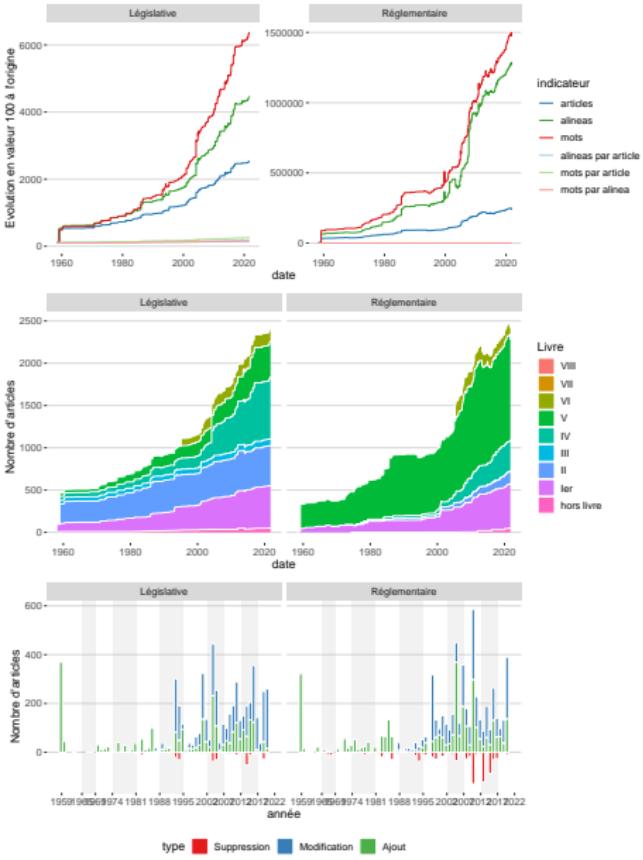
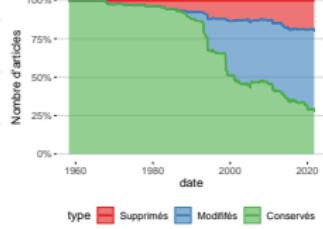
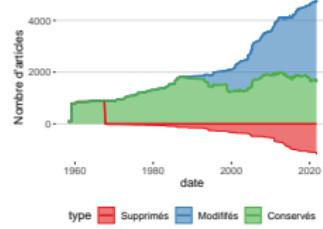
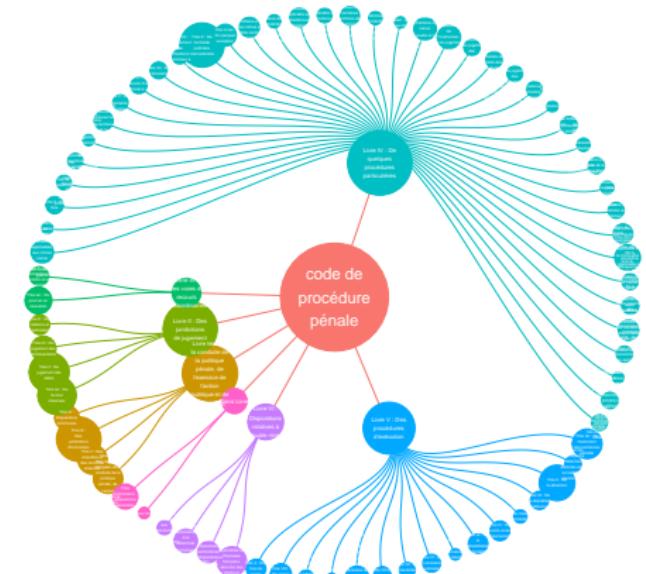
code de la sécurité sociale



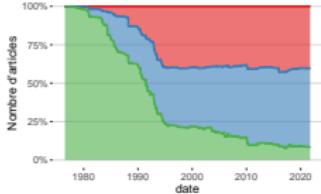
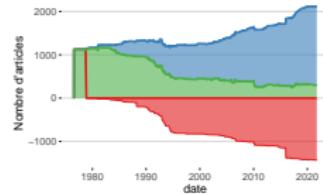
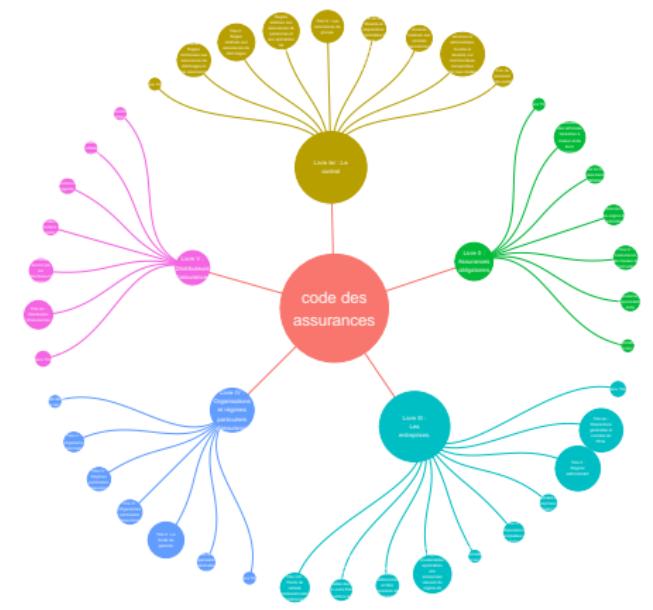
code de procédure civile



code de procédure pénale



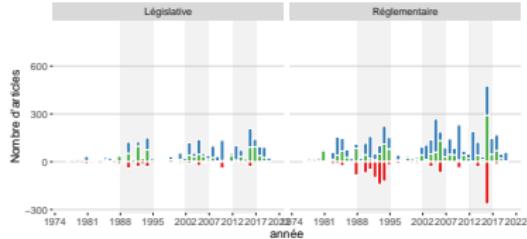
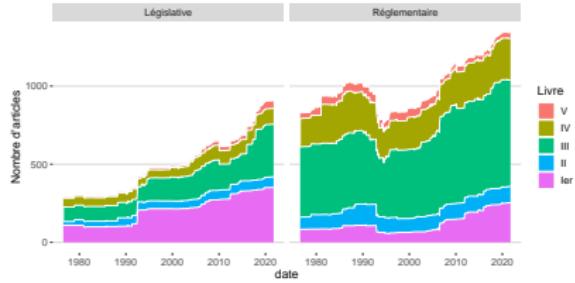
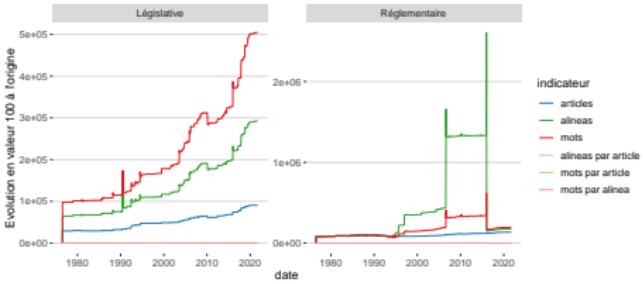
code des assurances



type Supprimés Modifiés Conservés

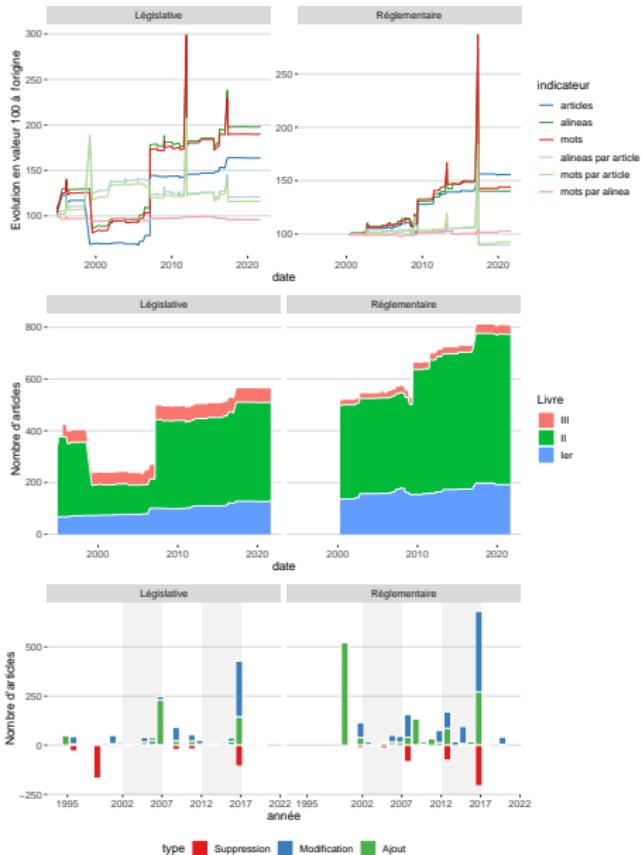
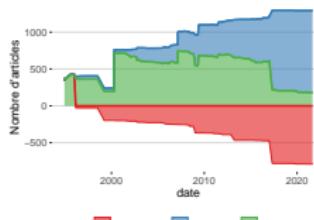
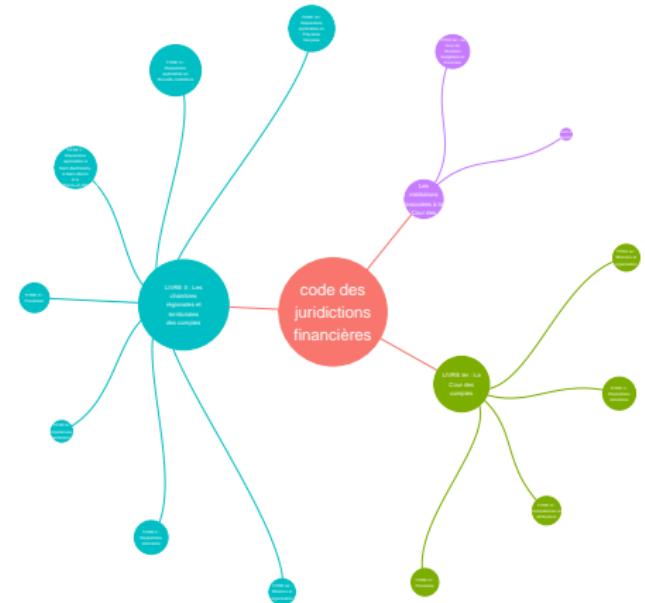
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type Suppression Modification Ajout

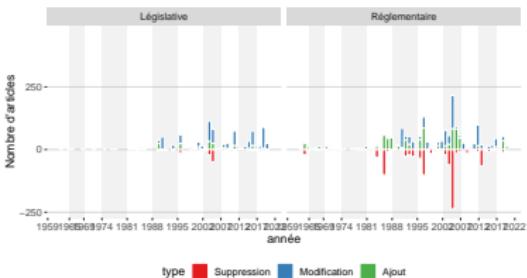
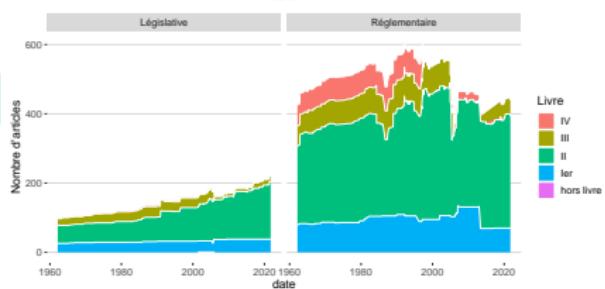
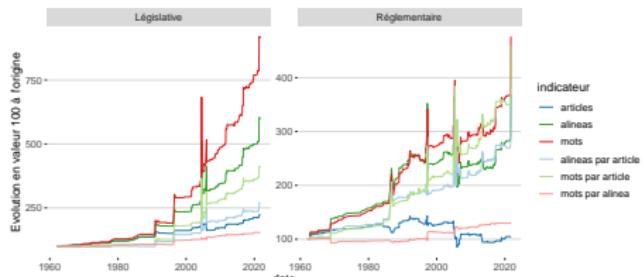
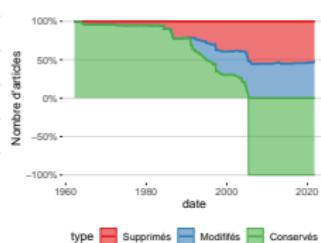
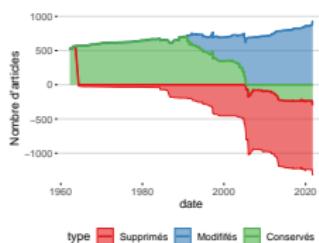
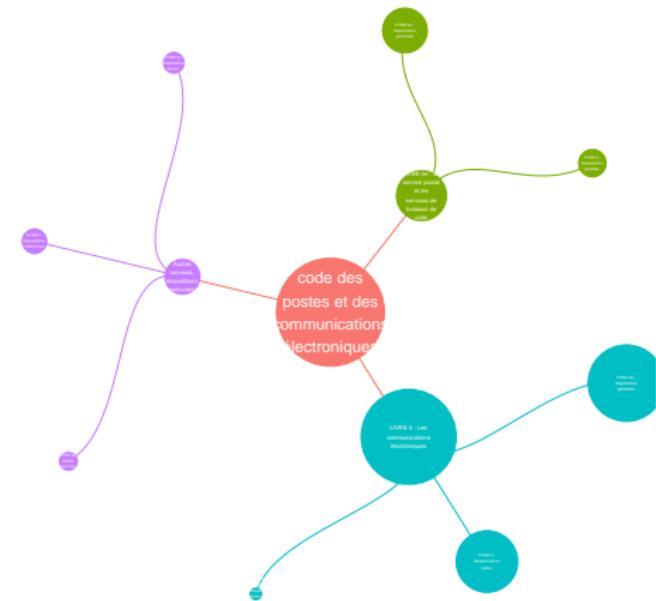


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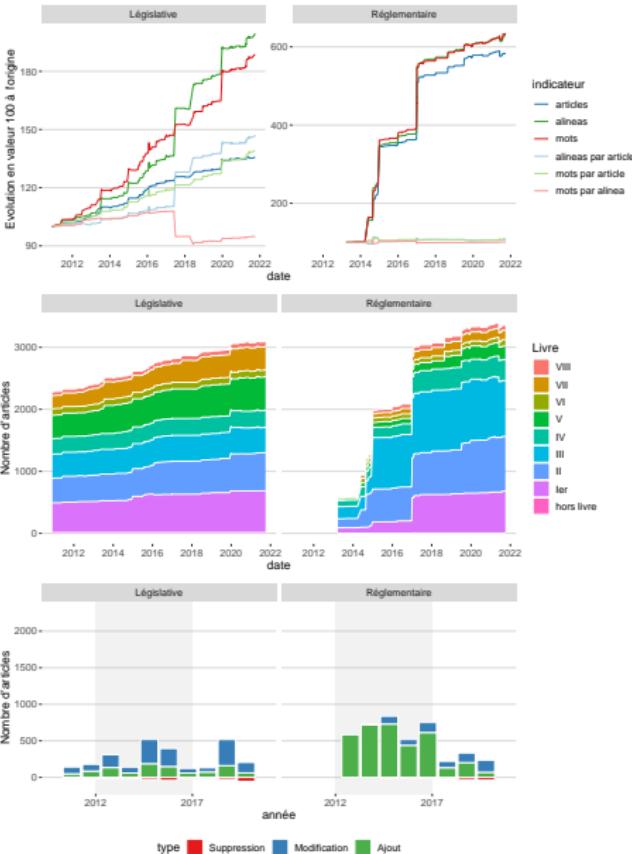
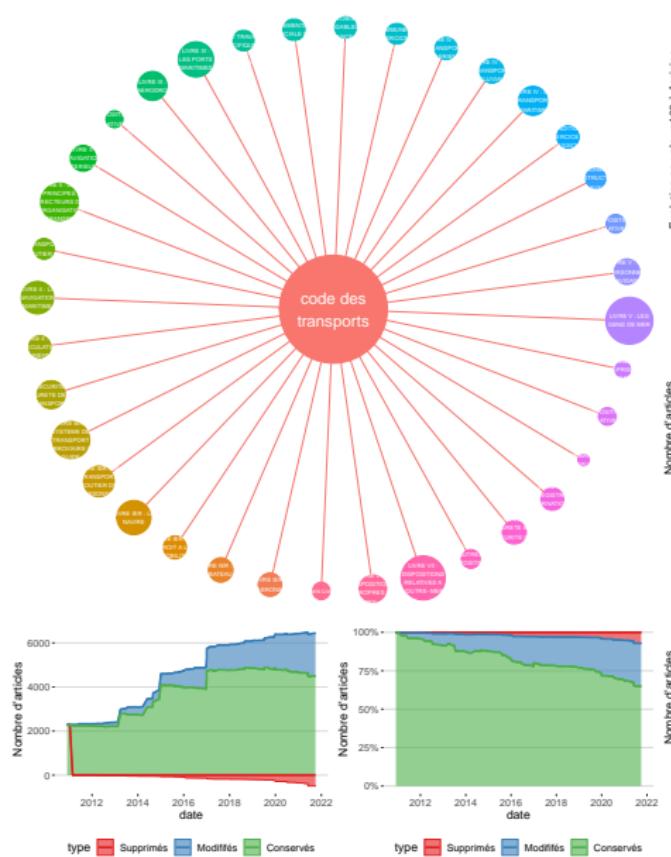
code des juridictions financières



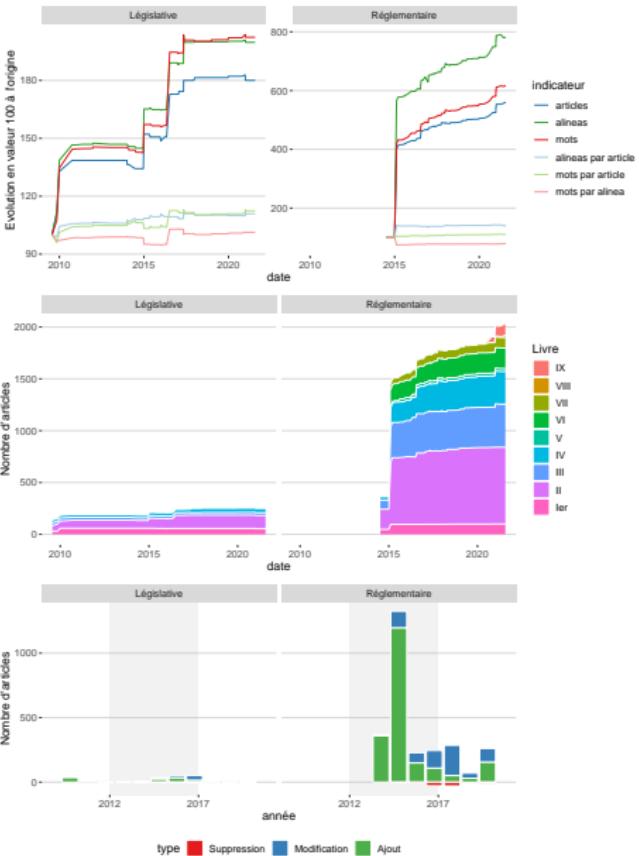
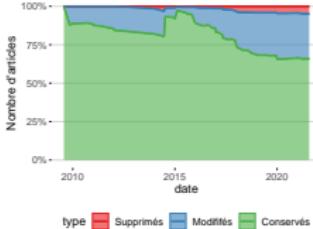
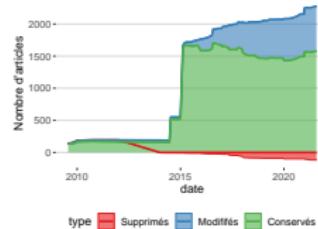
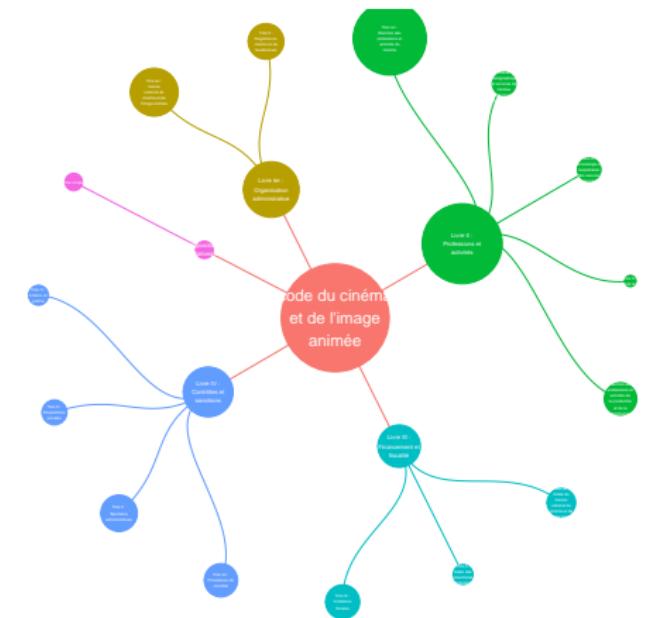
code des postes et des communications électroniques



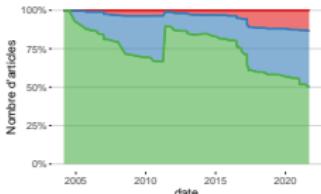
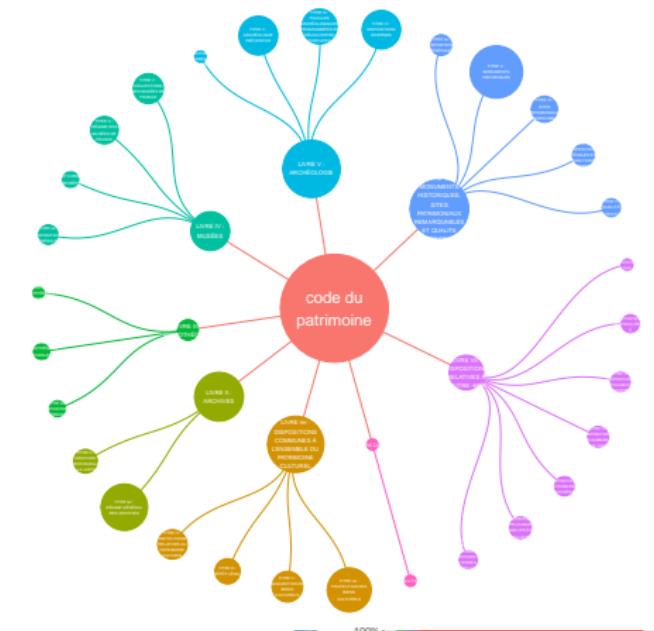
code des transports



code du cinéma et de l'image animée



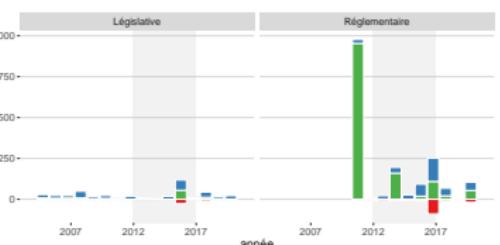
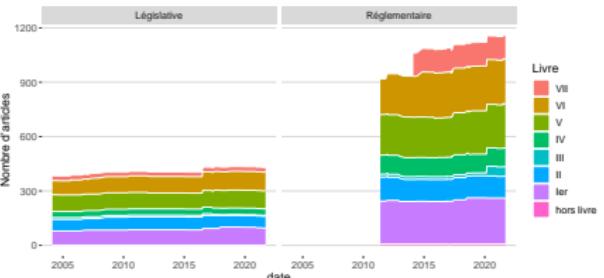
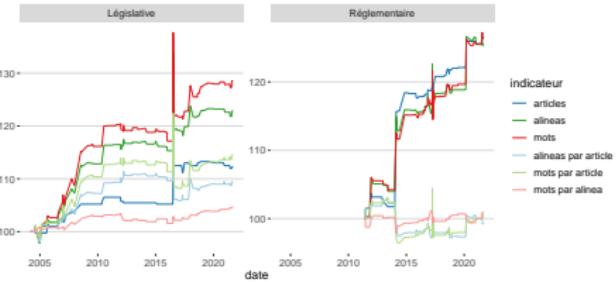
code du patrimoine



type Supprimés Modifiés Conservés

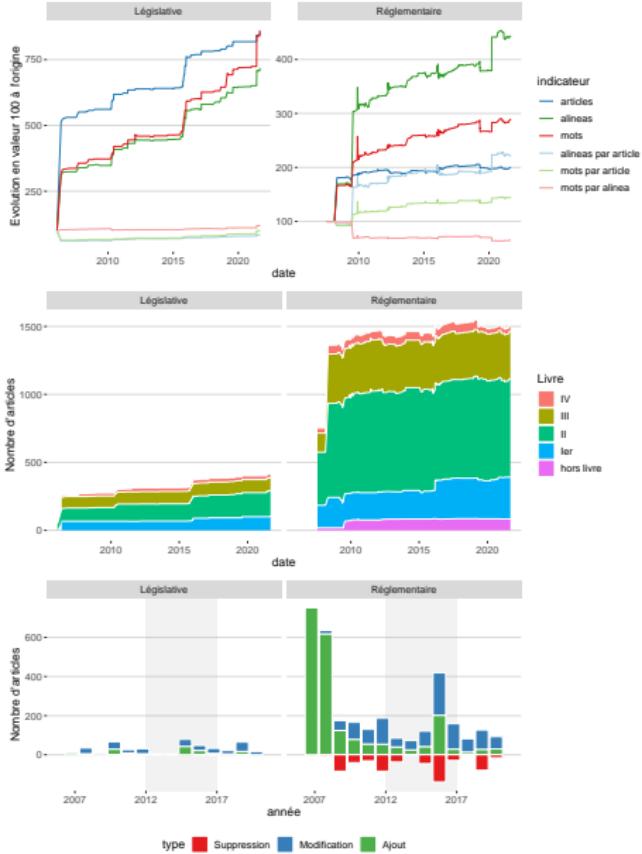
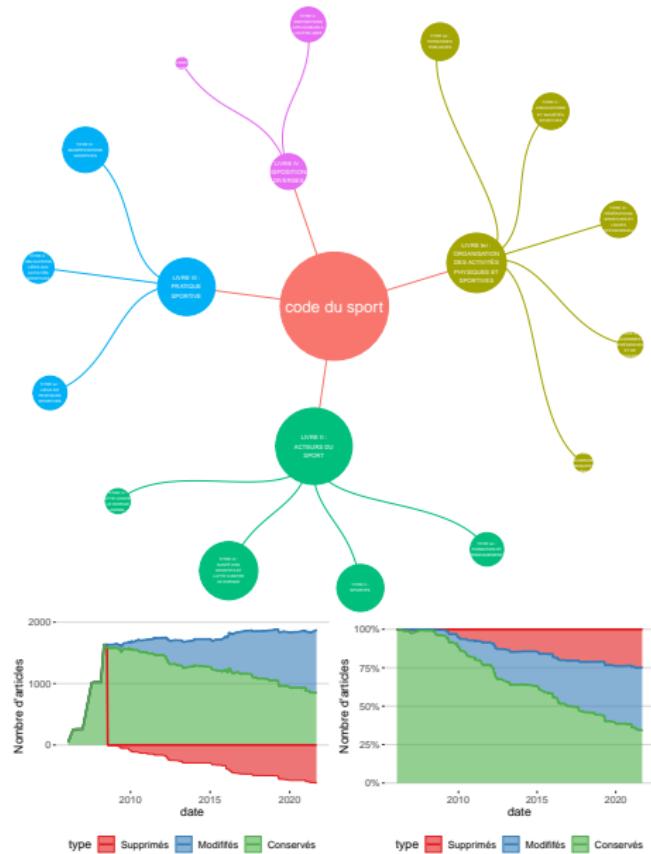
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type Suppression Modification Ajout

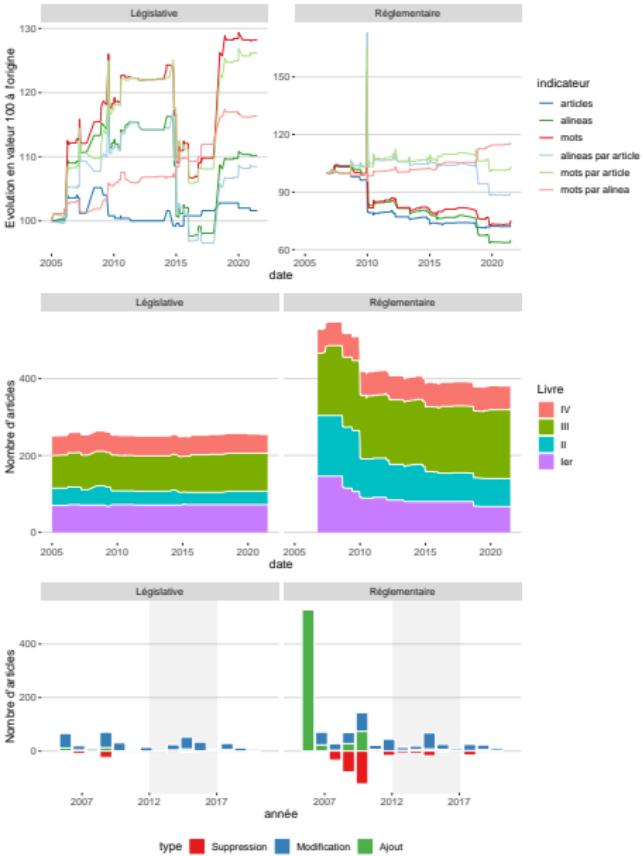
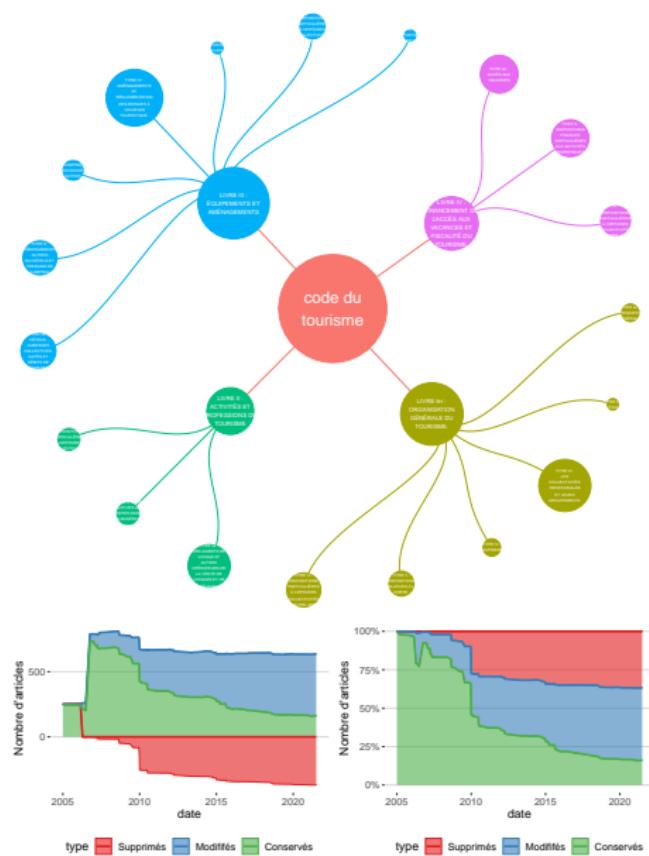


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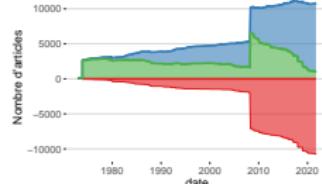
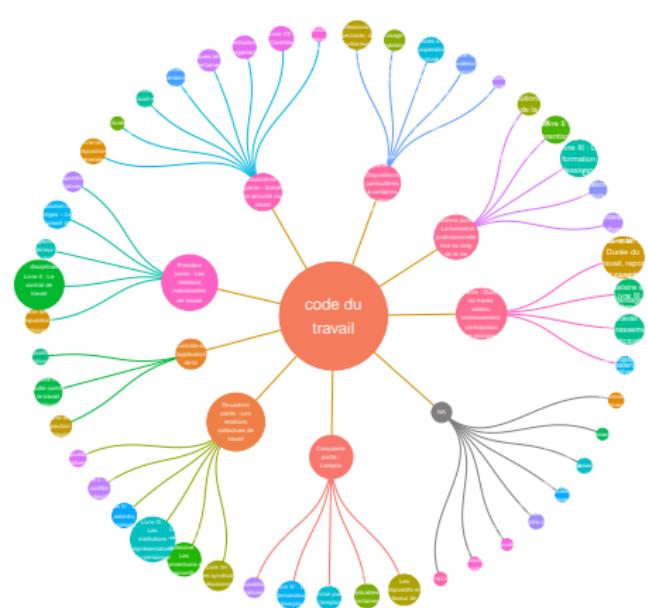
code du sport



code du tourisme

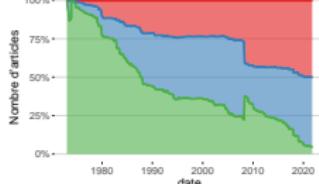


code du travail

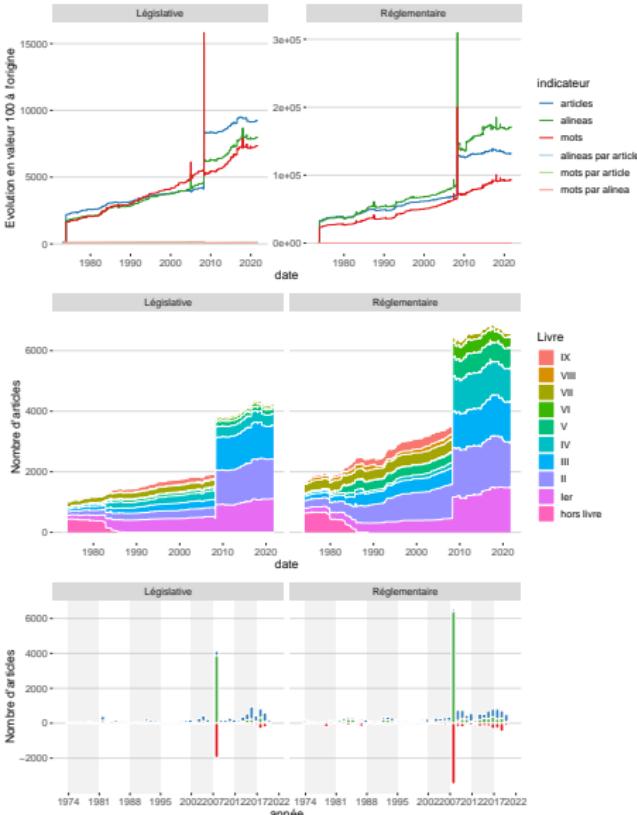


Type Supprimés Modifiés Conservés

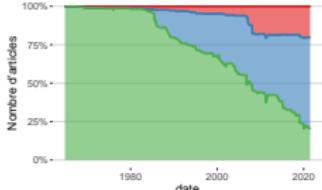
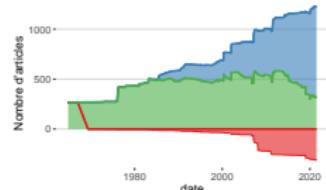
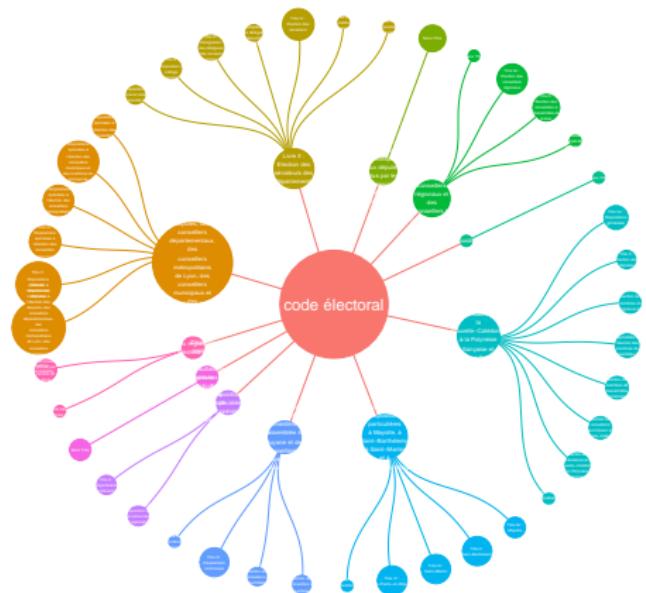
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type █ Suppression █ Modification █ Ajout



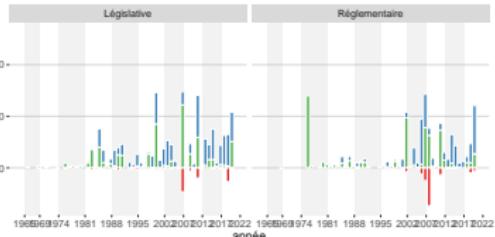
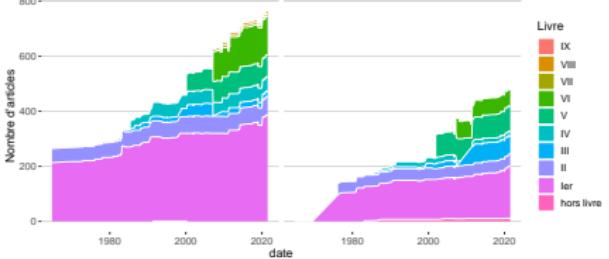
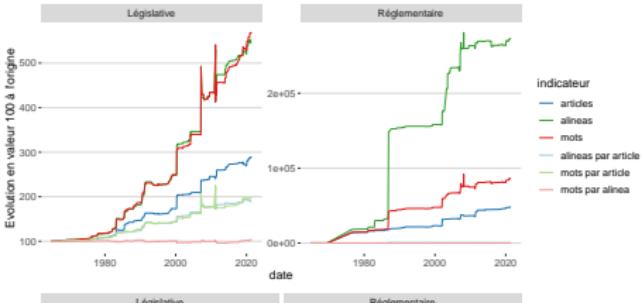
code électoral



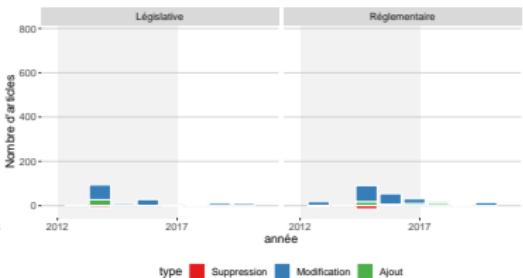
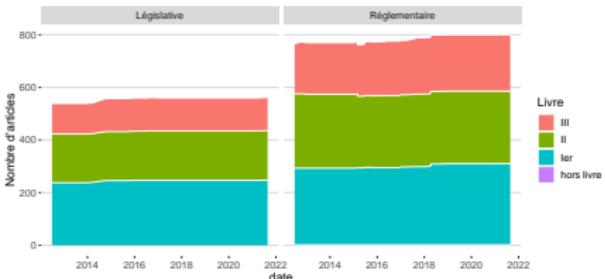
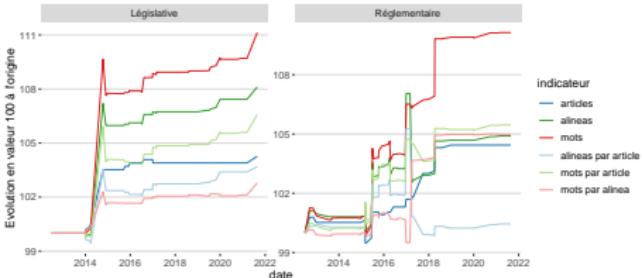
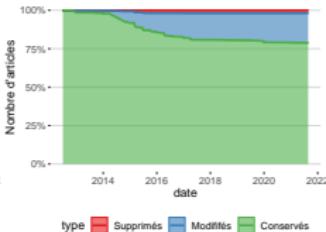
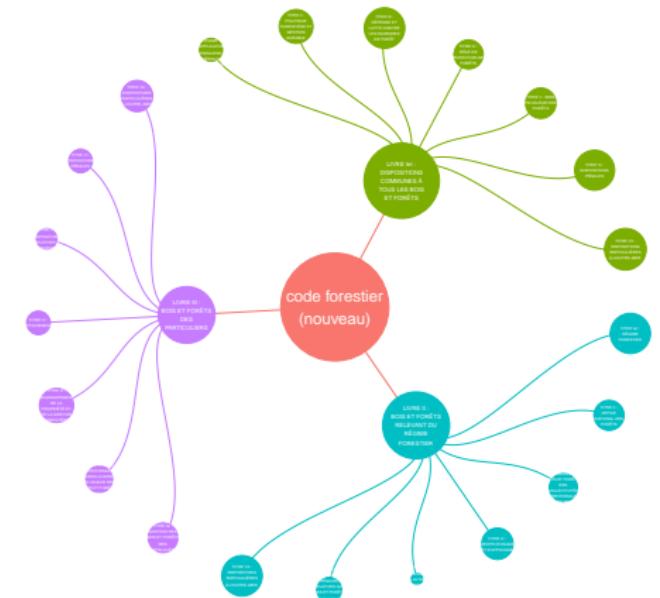
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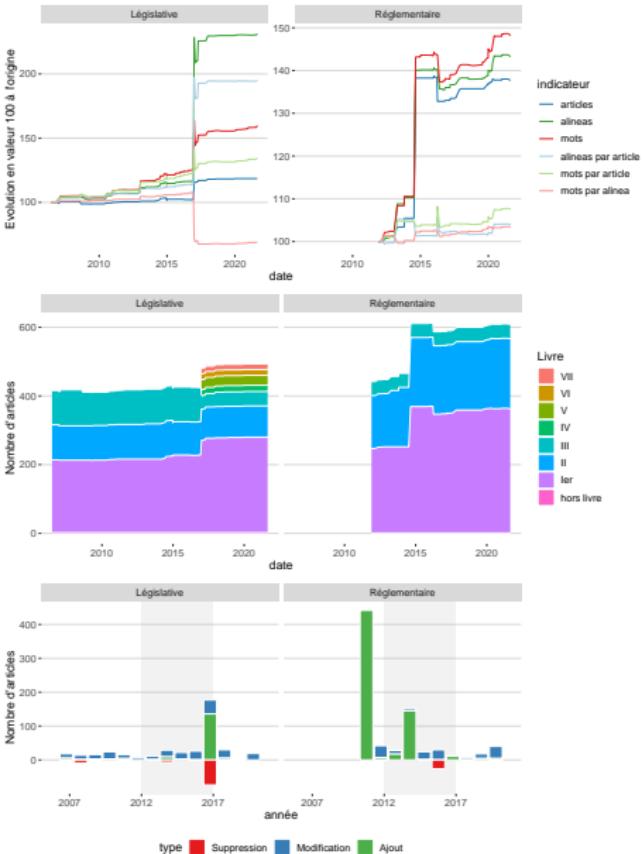
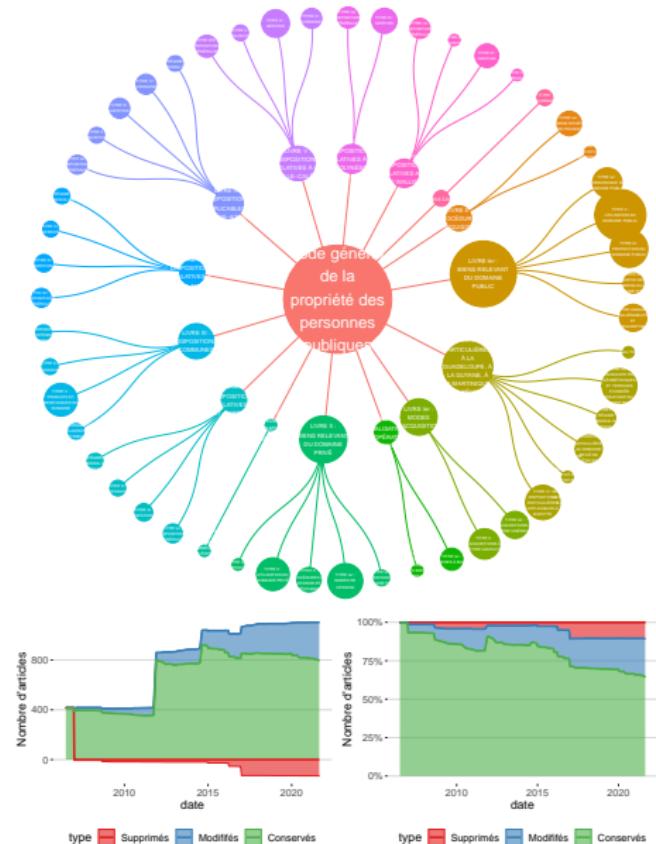
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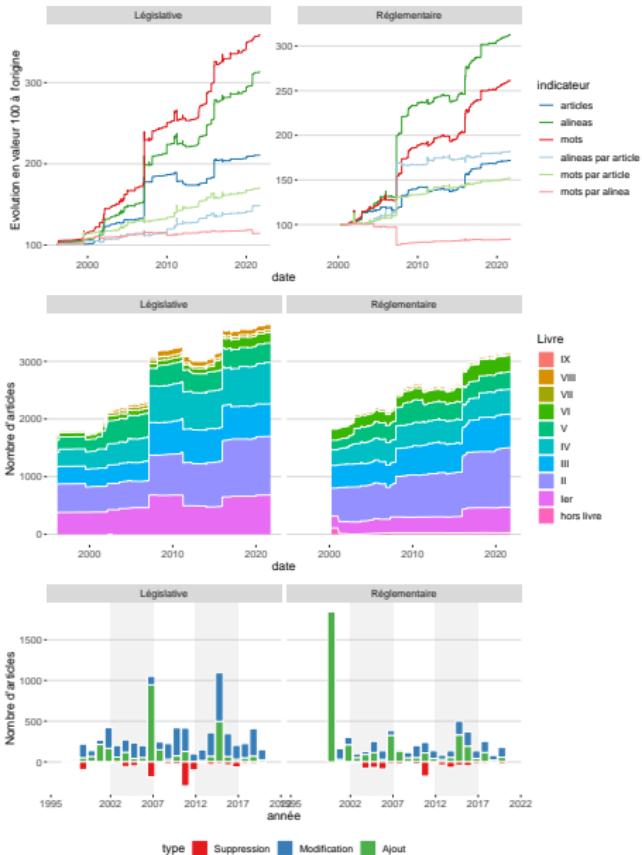
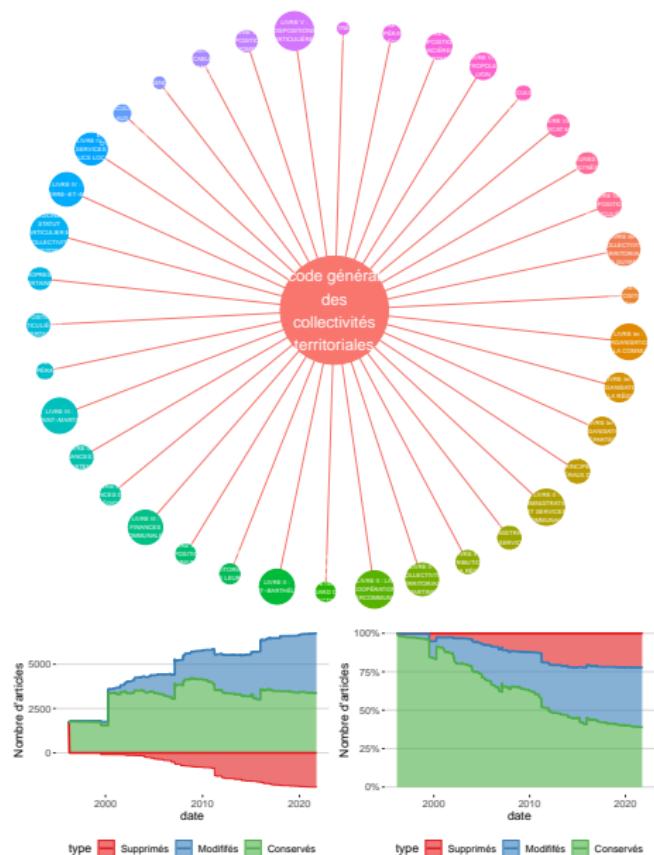
code forestier (nouveau)



code général de la propriété des personnes publiques



code général des collectivités territoriales



code pénal

