

SÉMINAIRE

Langue & Corpus

Automatisation de la collecte de
corpus et de l'analyse linguistique

SOMMAIRE

1

Automatiser la collecte d'un corpus :

- Qu'est ce qu'un corpus
- Comment fonctionne un site internet
- Comment extraire avec Python
- Exemple d'extractions

2

Présentation de mon logiciel :

- Pourquoi un nouveau logiciel ?
 - Fonctionnalités
 - Limites

Un corpus késako?

Usually large bodies of machine-readable text containing thousands or millions of words. Corpora are often annotated with additional information such as part-of-speech tags or to denote prosodic features associated with speech.

Baker & Hardie (2006)

It should be added that computer corpora are rarely haphazard collections of textual material: They are generally assembled with particular purposes in mind, and are often assembled to be (informally speaking) representative of some language or text type.“

Leech (1992)

Un besoin d'automatisation

Les limites de l'extraction manuelle de corpus :

QTT :

- Chronophage : copier-coller; vérifier les métadonnées; nettoyer le texte; normaliser les formats;

Résultats : les corpus sont souvent plus petits donc :

- Moins représentatifs (possible biais de sélection (éviter les discours difficiles d'accès))
- Plus sensibles aux effets de sélection

QLT :

- Risques d'erreurs humaines : oublis de paragraphes, de textes. Erreurs dans les métadonnées, perte d'éléments...

Comment fonctionne un site Internet ?

HTML



CSS



Le contenu

HTML



Langage de balisage :

(Programmation) Dans un langage de description de documents, marque destinée à l'identification, la description ou la mise en forme d'un élément de document.

<https://fr.wiktionary.org/wiki/balise>

L^AT_EX

<xml />



HTML

Le contenu



```
<h1>Titre principal</h1>

<p>Ceci est un paragraphe.</p>

<ul>
  <li>Premier élément</li>
  <li>Deuxième élément</li>
</ul>
```

Titre principal

Ceci est un paragraphe.

- Premier élément
- Deuxième élément

	Heading 1 = Titre le plus important
	Paragraphe
	Création d'une liste

CSS

Le style



```
HTML :

<p>Un mot <span class="important">important</span></p>

<div class="box">
  Une boîte stylisée
</div>

CSS :

.important {
  color: red;
  font-weight: bold;
}

.box {
  background-color: lightblue;
  padding: 10px;
}
```

Un mot **important**

Une boîte stylisée

Le code source

Retour	Alt+Gauche
Avancer	Alt+Droite
Actualiser	Ctrl+R
Enregistrer sous...	Ctrl+S
Imprimer...	Ctrl+P
Caster...	
Rechercher avec Google Lens	
Ouvrir en mode Lecture	
Envoyer vers vos appareils	
Créer un QR code pour cette page	
Traduire en français	
Afficher le code source de la page	Ctrl+U
Inspecter	

JOSEPH R. BIDEN, JR.
46th President of the United States: 2021—2025

Address Before a Joint Session of the Congress on the State of the Union

March 07, 2024

[Before speaking, the President presented his prepared remarks to Speaker of the House of Representatives J. Michael Johnson.]

The President. Your bedtime reading.

Tony! Thank you. Looking for Jill.

Good evening. Good evening. If I were smart, I'd go home now. [Laughter]

Mr. Speaker, Madam Vice President, Members of Congress, my fellow Americans: In January 1941, Franklin Roosevelt came to this Chamber to speak to the Nation. And he said, "I address you at a moment unprecedented in the history of the Union." Hitler was on the march. War was raging in Europe. President Roosevelt's purpose was to wake up Congress and alert the American people that this was no ordinary time. Freedom and democracy were under assault in the world.

Tonight I come to the same Chamber to address the Nation. Now it's we who face an unprecedented moment in the history of the Union. And yes, my purpose tonight is to

DevTools is now available in French [Don't show again](#) [Always match Chrome's language](#) [Switch DevTools to French](#)

Elements Console Sources Network Performance Memory Application Privacy and security

```

    <div class="field-ds-byline">...</div>
    <div class="field-ds-doc-title">
      <h1>Address Before a Joint Session of the Congress on the State of the Union</h1>
    </div>
    <div class="field-docs-start-date-time">
      <span property="dc:date" datatype="xsd:dateTime" content="2024-03-07T00:00:00+00:00" class="date-d
        isplay-single">March 07, 2024</span>
    </div>
    <div class="field-docs-content"> == $0
      <p>...</p>
      <p>...</p>
      <p>Tony! Thank you. Looking for Jill.</p>
      <p>...</p>
      <p>...</p>
      <p>...</p>
      <p>...</p>
      <p>...</p>
      <p>...</p>
      <p>...</p>
    </div>
  
```

on#block-system-main.block.block-system.clearfix div.node.node-documents.view-mode-full. div.row div.col-sm-8. div.field-docs-content

Console AI assistance What's new

What's new in DevTools 144

[See all new features](#)

[new](#) See past highlights from Chrome 144

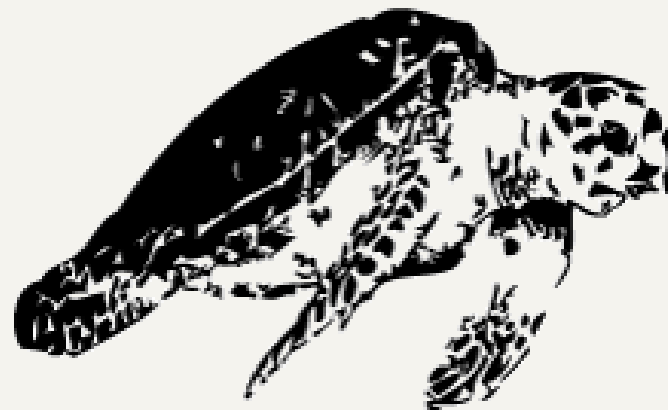
Python est un langage de programmation orienté objet facile à interpréter et de haut niveau avec une syntaxe facile à lire. Il est conçu pour être lisible

`print("Bonjour")`  Bonjour

Pourquoi Python?

- Simple à apprendre
- Beaucoup de bibliothèques
- Le plus utilisé en scraping, mais également en NLP & humanités numériques donc tutos

Les bibliothèques



Requests

BeautifulSoup

Anglais	Français
parse [sth] <i>vtr</i>	(analyze grammatically) faire l'analyse grammaticale de, faire l'analyse de <i>loc v</i> (Linguistique) analyser $\Rightarrow$, décomposer $\Rightarrow$ <i>vtr</i>
We have to parse 50 Latin sentences for our homework.	Comme devoir, nous devons faire l'analyse de 50 phrases en latin.
	Comme devoir, nous devons analyser 50 phrases en latin.



SeleniumとChromedriver

Application programming interface (API)

HANSARD 1803–2005

API

We have a basic REST API. You can get information available here in different formats by changing the file extension on URLs.

Sitting days

The default HTML rendering of a page: <https://api.parliament.uk/historic-hansard/sittings/2002/apr/16>

OPML output for that page: <https://api.parliament.uk/historic-hansard/sittings/2002/apr/16.opml>

JSON output for that page: <https://api.parliament.uk/historic-hansard/sittings/2002/apr/16.js>

Constituencies

Add .js to a constituency URL to get JSON output.

People

Add .js to a person URL to get JSON output.

Memberships

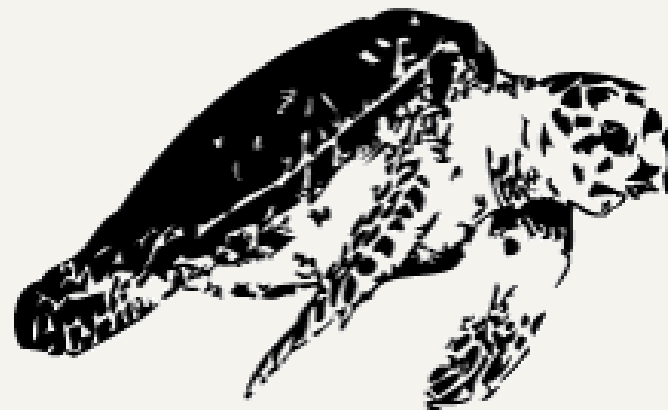
The default HTML list of members of each House on a given day:
<https://api.parliament.uk/historic-hansard/all-members/2002/apr/16>

JSON output for that page: <https://api.parliament.uk/historic-hansard/all-members/2002/apr/16.js>

[Noticed a typo?](#) | [Report other issues](#) | © UK Parliament



Les bibliothèques



Requests

BeautifulSoup

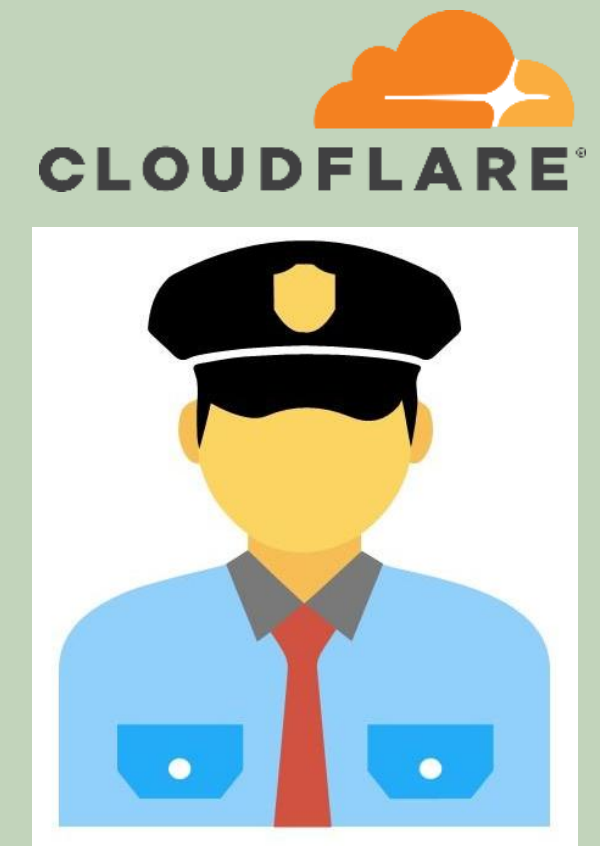
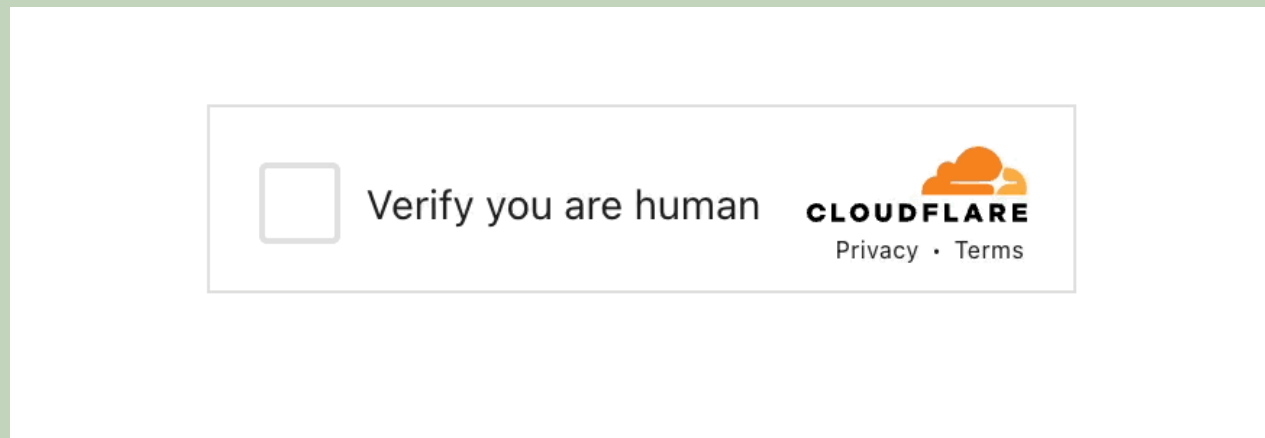
Anglais	Français
parse [sth] <i>vtr</i>	(analyze grammatically) faire l'analyse grammaticale de, faire l'analyse de <i>loc v</i> (Linguistique) analyser ⇒, décomposer ⇒ <i>vtr</i>
We have to parse 50 Latin sentences for our homework.	Comme devoir, nous devons faire l'analyse de 50 phrases en latin.
	Comme devoir, nous devons analyser 50 phrases en latin.



SeleniumとChromedriver

Cloudflare, Selenium

```
requests.get(url hansard) >
```



Exemple d'extraction: Niveau 1

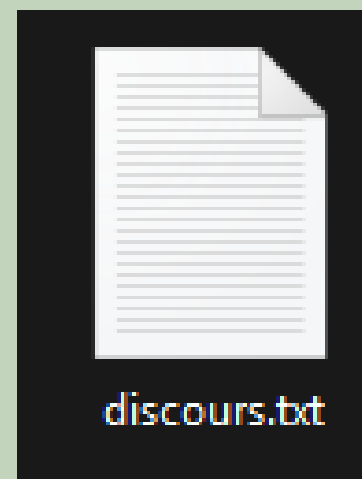
```
import requests

1  import requests
2  from bs4 import BeautifulSoup
3
4  url = "URL_DU_DISCOURS"
5  html = requests.get(url).text
6  soup = BeautifulSoup(html, "lxml")
7
8  title = soup.find("h1").text
9  text = "\n".join(p.text for p in soup.select(".field-docs-content p"))
10
11 print(title)
12 print(text)
13
```

Address Before a Joint Session of the Congress on the State of the Union
[Before speaking, the President presented his prepared remarks to Speaker of the House of Representatives J. Michael Johnson.]
The President. Your bedtime reading.
Tony! Thank you. Looking for Jill.
Good evening. Good evening. If I were smart, I'd go home now. [Laughter]
Mr. Speaker, Madam Vice President, Members of Congress, my fellow Americans: In January 1941, Franklin Roosevelt came to this Chamber to speak to the Nation. And he said, "I address you at a moment unprecedented in the history of the Union." Hitler was on the march. War was raging in Europe. President Roosevelt's purpose was to wake up Congress and alert the American people that this was no ordinary time. Freedom and democracy were under assault in the world.
Tonight I come to the same Chamber to address the Nation. Now it's we who face an unprecedented moment in the history of the Union. And yes, my purpose tonight is to wake up the Congress and alert the American people that this is no ordinary moment either. Not since President Lincoln and the Civil War have freedom and democracy been under assault at home as they are today.
What makes our moment rare is that freedom and democracy are under attack at both at home and overseas at the very same time. Overseas, Putin of Russia is on the march, invading Ukraine and sowing chaos throughout Europe and beyond. If anybody in this room thinks Putin will stop at Ukraine, I assure you: He will not.
But Ukraine—[applause]. Ukraine can stop Putin if we stand with Ukraine and provide the weapons that it needs to defend itself. That is all—that is all—Ukraine is asking. They're not asking for American soldiers. In fact, there are no American soldiers at war in Ukraine, and I'm determined to keep it that way.
But now assistance to Ukraine is being blocked by those who want to walk away from our world leadership. It wasn't long ago when a Republican President named Ronald Reagan thundered, "Mr. Gorbachev, tear down this wall." Now—[applause]. Now my predecessor, a former Republican President, tells Putin, quote, "Do whatever the hell you want."
Audience members. Boo!
The President. That's a quote. A former President actually said that, bowing down to a Russian leader. I think it's outrageous, it's dangerous, and it's unacceptable.
America is a founding member of NATO, the military alliance of democratic nations created after World War II prevent—to prevent war and keep the peace. And today we've made NATO stronger than ever. We welcomed Finland to the alliance last year. And just this morning Sweden officially joined, and their Minister is here tonight. Come here, stand up. Welcome. Welcome, welcome, welcome. And they know how to fight.
Mr. Prime Minister, welcome to NATO, the strongest military alliance the world has ever seen.
I say this to Congress: We have to stand up to Putin. Send me a bipartisan national security bill. History is literally watching. History is watching. If the United States walks away, it will put Ukraine at risk. Europe is at risk. The free world will be at risk, emboldening others to do what they wish to do us harm.
My message to President Putin, who I've known for a long time, is simple: We will not walk away. We will not bow down. I will not bow down.
In a literal sense, history is watching. History is watching, just like history watched 3 years ago on January 6, when insurrectionists stormed this very Capitol and placed a dagger to the throat of American democracy.
Many of you were here on that darkest of days. We all saw with our own eyes, the insurrectionists were not patriots. They had come to stop the peaceful transfer of power, to overturn the will of the people.
January 6 lies about the 2020 election and the plots to steal the election posed a great—gravest threat to U.S. democracy since the Civil War. But they failed. America stood—[applause]. America stood strong, and democracy prevailed. We must be honest: The threat to democracy must be defended [defeated; White House correction].
My predecessor and some of you here seek to bury the truth about January 6. I will not do that. This is a moment to speak the truth and to bury the lies. Here's the simple truth: You can't love your country only when you win.
As I've done ever since being elected to office, I ask all of you, without regard to party, to join together and defend democracy. Remember your oath of office to defend against all threats foreign and domestic. Respect—respect—free and fair elections, restore trust in our institutions, and make clear political violence has absolutely no place—no place—in America. Zero place.
Again, it's not hyperbole to suggest history is watching. They're watching. Your children and grandchildren will read about this day and what we do.
History is watching another assault on freedom. Joining us tonight is Latorya Beasley, a social worker from Birmingham, Alabama.
Fourteen months ago—fourteen months ago, she and her husband welcomed a baby girl thanks to the miracle of IVF. She scheduled treatments to have that second child, but the Alabama Supreme Court shut down IVF treatments across the State, unleashed by a Supreme Court decision overturning Roe v. Wade. She was told her dream would have to wait.
What her family had gone through should never have happened. Unless Congress acts, it could happen again. So tonight let's stand up for families like hers. To my friends across the aisle, don't keep this waiting any longer. Guarantee the right to IVF. Guarantee it nationwide

Exemple d'extraction: Niveau 2

```
C: > Users > stefe > Desktop > 📁 import requests.py > ...  
1  import requests  
2  from bs4 import BeautifulSoup  
3  
4  url = "https://www.presidency.ucsb.edu/documents/address-before-joint-session-the-congress-the-state-the-union-30"  
5  
6  html = requests.get(url).text  
7  soup = BeautifulSoup(html, "lxml")  
8  
9  title = soup.find("h1").text  
10 text = "\n".join(p.text for p in soup.select(".field-docs-content p"))  
11  
12 # Écriture dans un fichier texte  
13 with open("discours.txt", "w", encoding="utf-8") as f:  
14     f.write(title + "\n\n")  
15     f.write(text)  
16  
17 print("Fichier enregistré ✅")  
18
```



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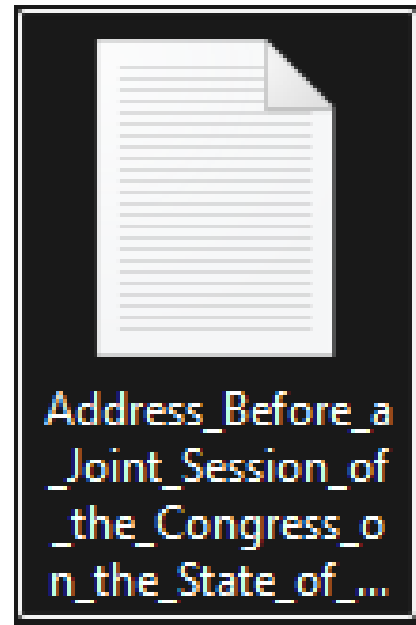
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I say this to Congress: We have to stand up to Putin. Send me a bipartisan national security bill. History is literally watching. History is watching. If the United States walks away, it will put Ukraine at risk. Europe is at risk. The free world will be at risk, emboldening others to do what they wish to do us harm.

Exemple d'extraction: Niveau 3

```
import requests.py
C: > Users > stefe > Desktop > import requests.py > ...
3 import re
4
5 url = "https://www.presidency.ucsb.edu/documents/address-before-joint-session-the-congress-the-state-the-union-30"
6
7 html = requests.get(url).text
8 soup = BeautifulSoup(html, "lxml")
9
10 title = soup.find("h1").text.strip()
11 text = "\n".join(p.text for p in soup.select(".field-docs-content p"))
12
13 filename = re.sub(r'[\\/*?:"<>|]', "", title)
14 filename = filename.replace(" ", "_")
15
16 with open(f"{filename}.txt", "w", encoding="utf-8") as f:
17     f.write(title + "\n\n")
18     f.write(text)
19
20 print(f"Fichier enregistré : {filename}.txt ✓")
21
```



Possibilité d'ajouter + d'info comme
l'année, le locuteur...

```
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watching. If the United States walks away, it will put Ukraine at risk. Europe is at risk. The free world will be at risk, emboldening
others to do what they wish to do us harm.
```

Exemple d'extraction: Niveau 4

```
1 import requests
2 from bs4 import BeautifulSoup
3 import re
4 import time
5
6 BASE_URL = "https://www.presidency.ucsb.edu"
7 START_URL = f"{BASE_URL}/documents/presidential-documents-archive-guidebook/annual-messages-congress-the-state-the-union"
8
9 # Récupérer tous Les Liens
10 soup = BeautifulSoup(requests.get(START_URL).text, "lxml")
11 links = [a["href"] for a in soup.select("td a[href='/documents/']")]
12
13 print(f"{len(links)} liens trouvés")
14
15 # Visiter chaque discours
16 for link in links:
17     url = link if link.startswith("http") else BASE_URL + link
18
19     try:
20         doc = BeautifulSoup(requests.get(url).text, "lxml")
21
22         title = doc.find("h1").text.strip()
23         text = "\n".join(p.text for p in doc.select(".field-docs-content p"))
24
25         filename = re.sub(r'[\\/*?:"<>|\s]', "_", title) + ".txt"
26
27         with open(filename, "w", encoding="utf-8") as f:
28             f.write(f"{title}\n\n{text}")
29
30         print(f"✓ {title}")
31         time.sleep(1)
32
33     except:
34         continue
```

244 fichiers en – de 10 minutes

 1790washington.txt	28/03/2024 20:05	Document texte	7 Ko
 1791washington.txt	28/03/2024 20:05	Document texte	14 Ko
 1792washington.txt	28/03/2024 20:05	Document texte	13 Ko
 1793washington.txt	28/03/2024 20:04	Document texte	12 Ko
 1794washington.txt	28/03/2024 20:05	Document texte	18 Ko
 1795washington.txt	28/03/2024 20:05	Document texte	12 Ko
 1796washington.txt	28/03/2024 20:05	Document texte	17 Ko
 1797adams.txt	28/03/2024 20:05	Document texte	13 Ko
 1798adams.txt	28/03/2024 20:05	Document texte	14 Ko
 1799adams.txt	28/03/2024 20:05	Document texte	9 Ko
 1800adams.txt	28/03/2024 20:05	Document texte	9 Ko
 1801jefferson.txt	28/03/2024 20:05	Document texte	19 Ko
 1802jefferson.txt	28/03/2024 20:05	Document texte	13 Ko

Table of All State of the Union Messages and Addresses											
President	Years of term	Delivered as a Speech (Address)					Delivered as a Written Message				
		1st	2nd	3rd	4th	end 4th	1st	2nd	3rd	4th	end 4th
Donald J. Trump - II	2025-present	2025*									
Joseph R. Biden	2021-2025	2021*	2022	2023	2024						
Donald J. Trump - I	2017-2021	2017*	2018	2019	2020						
Barack Obama	2013-2017	2013	2014	2015	2016						
	2009-2013	2009*	2010	2011	2012						
George W. Bush	2005-2009	2005	2006	2007	2008						
	2001-2005	2001*	2002	2003	2004						
William J. Clinton	1997-2001	1997	1998	1999	2000						
	1993-1997	1993*	1994	1995	1996						

Pourquoi un nouveau logiciel ?

Logiciels existants



TXM



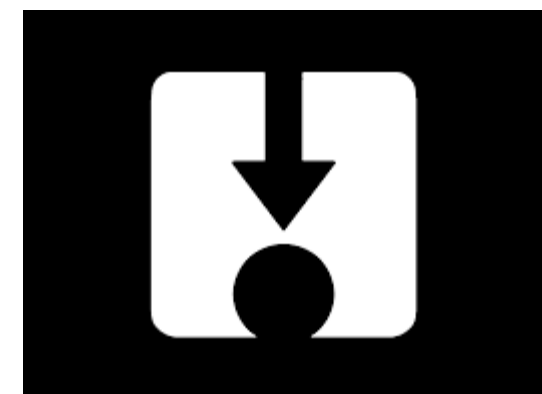
Antconc



Sketchengine



Wordsmith



LancsBox

LinguistiX



Linguistix



spaCy

LinguistiX

LinguistiX

Accueil

Corpus

Recherche

Tagging

Statistiques

Widgets

Paramètres

Rechercher...

LinguistiX

Plateforme pour Chercheurs

🌟 EDITION v2.0

📊 Tableau de bord

📁

2

Corpus chargés

📄

687

Documents

📄

2.9M

Mots totaux

abc

41.3K

Lemmes uniques

📊 Répartition des documents

1981ca

1946tr

1910ta

1907ro

1905ro

1912ta

🔍 Recherches récentes

• the

• [word="we"] [word="all"]

• [word="we" | word="all"]

• [word="we" & word="all"]

• [word="we all know"]

🚀 Actions rapides

📁

Corpus Manager

Importez et organisez vos données

→

🔍

Smart Search

Recherche contextuelle avancée

→

📊

Analytics

Visualisations et métriques

→

24

LinguistiX

Accueil

Corpus

Recherche

Tagging

Statistiques

Widgets

Paramètres

Rechercher...

Gestion des Corpus

2 corpus · 687 documents · 2 862 262 mots

Filtrer les corpus...

Importer

+ Nouveau

2CORPUS

687DOCUMENTS

2862kMOTS TOTAUX

Importer un nouveau corpus

Fichiers .txt ou .xml — cliquez pour choisir vos fichiers

Parcourir

Mes corpus

2

Trier par :

Nom

Mots

Date

L3

fr

236 Docs

2076478 Mots

— TTR

M2

en

451 Docs

785784 Mots

— TTR

25

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

Gestion des Corpus

2 corpus · 687 documents · 2 862 262 mots

2CORPUS

Importer un nouveau corpus

Fichiers .txt ou .xml — cliquez pour choisir vos fichiers

Mes corpus2

L3fr

236 Docs

2076478 Mots

— TTR

M2

451 Docs

785784 Mots

— TTR

Détails — L3

L3FR

2 076 478MOTS

236DOCUMENTS

Mots

Ponctuation

Autres tokens

Documents dans ce corpus

1790washington.txt1 167 mots

1791washington.txt2 475 mots

1792washington.txt2 279 mots

1793washington.txt2 115 mots

1794washington.txt3 205 mots

1795washington.txt2 151 mots

1796washington.txt3 105 mots

Éditer

Supprimer

Fermer

les corpus...

ImporterNouveau

2862kMOTS TOTAUX

Parcourir

Trier par : NomMotsDate

26



Gestion des Corpus

2 corpus · 687 documents · 2 862 262 mots

Filtrer les corpus



2

CORPUS



687

DOCUMENTS



Importer un nouveau corpus

Fichiers .txt ou .xml – cliquez pour choisir vos fichiers

Mes corpus

2



L3

236 docs · 2 076 478 mots



M2

451 docs · 785 784 mots



L3

2 076 478

Mots

2 076 478

Tokens

Documents

- 1790washington.txt
- 1791washington.txt
- 1792washington.txt
- 1793washington.txt
- 1794washington.txt
- 1795washington.txt
- 1796washington.txt
- 1797adams.txt
- 1798adams.txt
- 1799adams.txt

Importer un Corpus

?

Quel type de fichiers voulez-vous importer ?

Fichiers Texte (.txt)

Fichiers XML (.xml)

Backup (.lsx)

Cancel

Importation Corpus XML

1. Fichiers

2. Analyse

3. Balises

Sélection des fichiers & configuration du corpus

Nom du corpus :

Ex: Débats parlementaires 2024

Langue :

FR Français

Fichiers XML à importer (ou glisser-déposer) :

Glissez vos fichiers XML ici

2015-05-28_Home_Affairs_and_Justice.xml
2015-06-23_Crown_Prosecution_Service.xml
2015-06-25_Reports_into_Investigatory_Powers.xml
2015-07-02_Vulnerable_Victims_and_Witnesses.xml
2015-07-06_Violence_against_Women.xml
2015-07-14_Budget_Resolutions_and_Economic_Situation.xml
2015-07-14_Calais.xml
2015-07-15_Housing_Supply_(London).xml

+ Ajouter des fichiers XML

Vider

452 fichiers — 42.4 Mo

Précédent

Suivant

Importation Corpus XML

1. Fichiers

2. Analyse

3. Balises

Analyse de la structure XML

Balise	Occurrences	Type
<TEI>	451	structure
<teiHeader>	451	structure
<encodin...	417	structure
<note>	16793	texte
<fileDesc>	451	structure
<publi...	451	structure
<d...	451	texte
<p...	451	texte
<sour...	451	structure
<b...	451	structure
...	451	texte
<title...	451	structure
<ti...	451	texte
<profileD...	451	structure
<parti...	451	structure
<li...	451	structure
...	15110	structure
...	13771	texte
...	15110	texte
<text>	451	structure
<body>	451	structure
<div>	451	structure

Analyse terminée — 452 fichier(s)

Balise	Occ.	Type	Attributs
<seg>	85511	texte	—
<p>	83959	structure	—
<u>	41569	structure	who
<note>	16793	texte	type
<person>	15110	structure	{http://www.w3.org/XML/1998/namespace}id
<persName>	15110	texte	—
<affiliation>	13771	texte	—
<desc>	2425	texte	—
<incident>	2095	structure	—
<TEI>	451	structure	—
<teiHeader>	451	structure	—
<fileDesc>	451	structure	—
<titleStmt>	451	structure	—
<title>	451	texte	—
<publicationStmt>	451	structure	—
<publisher>	451	texte	—
<date>	451	texte	when
<sourceDesc>	451	structure	—

Importation Corpus XML

1. Fichiers

2. Analyse

3. Balises

Sélection des balises

Ciblage du contenu

☒ Cibler uniquement le contenu de la balise :

☐ Créer un document distinct pour chaque occurrence trouvée

☐ Inclure le contexte ignoré (en italique, non comptabilisé)

Attributs (renommage _filtre)

Attribut	Nom affiché	En-tête	Filtre
who	Who	☒	1160 val.

Affichées : texte visible dans le lecteur. Analysées : texte pour le comptage mots/tokens.

Affichées

☒ <TEI> (451 occ.)

☒ <affiliation> (13771 occ.)

☒ <bibl> (451 occ.)

☒ <body> (451 occ.)

☒ <date> (451 occ.)

☒ <desc> (2425 occ.)

☒ <div> (451 occ.)

☒ <encodingDesc> (417 occ.)

☒ <fileDesc> (451 occ.)

☒ <head> (451 occ.)

☒ <incident> (2095 occ.)

☒ Tout ☐ Rien

Analysées

☐ <head> (451 occ.)

☐ <incident> (2095 occ.)

☐ <kinesic> (152 occ.)

☐ <listPerson> (451 occ.)

☐ <note> (16793 occ.)

☒ <p> (83959 occ.)

☐ <particDesc> (451 occ.)

☐ <persName> (15110 occ.)

☒ <person> (15110 occ.)

☒ <profileDesc> (451 occ.)

☒ <publicationStmt> (451 occ.)

☒ Tout ☐ Rien

Auto

Prévisualisation

Home Affairs and Justice UK Parliament 28 May 2015 Hansard 596 Mrs Theresa May Jonathan Ashworth Lab Leicester South Kate Green Lab Stretford and Urmston Yvette Cooper Lab Normanton, Pontefract and Castleford Andrew Gwynne Lab Denton and Reddish Clive Efford Lab Eltham John Mann Lab Bassetlaw Keith Vaz Lab Leicester East Mike Weir SNP Angus Rehman Chishti Con Gillingham and Rainham Richard Fuller Con Bedford Margaret Hodge Lab Barking Mr Robert Symms Con Poole

Home Affairs and Justice UK Parliament Hansard The Gracious Speech we heard yesterday set out the Government's programme for the first Session of this Parliament, including a series of important measures on justice and home affairs. It is a programme that will build on our strong record of achievement under the last Government. Crime is down by more than a quarter since 2010; over 870 bogus colleges have been shut; the driving licences of over 9,500 illegal immigrants have

Précédent

Terminer

29

Importation Corpus XML

1. Fichiers

2. Analyse

3. Balises

Sélection des balises

Ciblage du contenu

Cibler uniquement le contenu de la balise :

u

Créer un document distinct pour chaque occurrence trouvée

Inclure le contexte ignoré (en italique, non comptabilisé)

Attributs (renommage ,filtre)

Attribut

who

Affichées : texte visible dans le lecteur. Analysées : t

Affichées

<TEI> (451 occ.)

<affiliation> (13771 occ.)

<bibl> (451 occ.)

<body> (451 occ.)

<date> (451 occ.)

<desc> (2425 occ.)

<div> (451 occ.)

<encodingDesc> (417 occ.)

<fileDesc> (451 occ.)

<head> (451 occ.)

<incident> (2095 occ.)

Tout

Rien

Filtrer — u@who

Sélectionnez les valeurs de u@who à garder :

Rechercher...

#member-103

#member-104

#member-105

#member-112

#member-114

#member-116

#member-117

#member-1171

#member-1198

#member-12

#member-1200

#member-1201

#member-1211

#member-126

#member-1383

#member-1384

#member-1387

#member-1388

#member-1388

Tout

Rien

Appliquer

En-tête

Filtre

u@who

Prévisualisation

Home Affairs and Justice UK Parliament 28 May 2015 Hansard 596 Mrs Theresa May Jonathan Ashworth Lab Leicester South Kate Green Lab Stretford and Urmston Yvette Cooper Lab Normanton, Pontefract and Castleford Andrew Gwynne Lab Denton and Reddish Clive Efford Lab Eltham John Mann Lab Bassetlaw Keith Vaz Lab Leicester East Mike Weir SNP Angus Rehman Chishti Con Gillingham and Rainham Richard Fuller Con Bedford Margaret Hodge Lab Barking Mr Robert Syms Con Poole

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Précédent

Terminer

30

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

FILTRES & CORPUS

Corpus :

M2

Sous-corpus :

(Tous)

Métadonnées

Who: (Tous)

Réinitialiser

⚙️

Recherche (ex: "liberté", [lemma="avoir"], [pos="NOUN"]) ...

▼

Rechercher

☐ Sensible à la casse

Résumé

Concordance

Analyse

N-grammes

Forme	Fréquence	Freq/Million	Documents	Actions
-------	-----------	--------------	-----------	---------

Exporter CSV

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

FILTRES & CORPUS

Corpus :

M2

Sous-corpus :

(Tous)

Métadonnées

Who: #member-4514

[lemma="business"]

▼

Rechercher

☐ Sensible à la casse

Résumé

Concordance

Analyse

N-grammes

Contexte :

10

mots gauche /

10

droite

Trier par :

Document

Actualiser

468 concordances pour « business » (lemma)

	Doc	Métadonnées	Gauche	Pivot	Droite	Actions
1	2015-09-15...	Who:#mem...	of HS 2 on my constituency — on residents ,	businesses	and the environment — will be devastating . It is	■
2	2015-09-15...	Who:#mem...	development meets local needs by ensuring homes , jobs ,	businesses	, schools , community facilities and open space lost or	■
3	2015-09-15...	Who:#mem...	need to step up and listen to local residents and	businesses	, who speak with a clear voice in opposition to	■
4	2015-10-13...	Who:#mem...	the 21st century this House should not be in the	business	of passing legislation that has such potentially discriminator...	■
5	2015-10-20...	Who:#mem...	we see is criminal activity . A lot of legitimate	businesses	and recruitment agencies are infiltrated . Often , it is	■
6	2015-10-27...	Who:#mem...	reduce illegal wage undercutting and unlock wealth creation ...	business	by releasing them from unfair competition from exploitative ...	■
7	2015-10-29...	Who:#mem...	case in which an error has been made , a	business	is closed down when it should not have been .	■
8	2015-10-29...	Who:#mem...	event of an error , that if someone has lost	business	, they ought to be compensated . I think that	■
9	2015-10-29...	Who:#mem...	a mistake by closing down a premises , and a	business	incurred financial loss . Unless there is a sweep-up and	■
10	2015-11-03...	Who:#mem...	by and large suggests that enforcement raids on premises and	businesses	are directed on the basis of specific intelligence about an	■
11	2015-11-17...	Who:#mem...	, they have human rights , and it is our	business	to ensure that those rights are fully upheld . I	■
12	2015-11-17...	Who:#mem...	ensured that we have got through quite difficult , technical	business	in an efficient way which has provided the safeguards that	■
13	2016-03-07...	Who:#mem...	This afternoon , we have heard about the concerns from	businesses	and employers who recognise the potential economic ...	■
14	2016-03-07...	Who:#mem...	its heart , but we also recognise that , as	businesses	across the country have told me , there are very	■
15	2016-03-07...	Who:#mem...	yawning gap between the skills that are needed in our	businesses	and our industry and the skills that are available locally	■
16	2016-03-07...	Who:#mem...	policy . We recognise the concerns of the public ,	businesses	, universities and , frankly , pretty well everyone else	■
17	2016-03-07...	Who:#mem...	one of those perverse consequences — that are affecting British	businesses	and the British economy . As we have heard today	■

Exporter KWIC (CSV)

Réinitialiser

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

FILTRES & CORPUS

Corpus :

M2

Sous-corpus :

(Tous)

Métadonnées

Who: #member-4514

[lemma="business"]

▼

Rechercher

☐ Sensible à la casse

Résumé

Concordance

Analyse

N-grammes

Taille : 2Fréq. min : 3Filtre POS : (Tous)

Extraire N-grammes

32946 2-grammes trouvés (freq ≥ 3)

	N-gramme	Fréquence	Pattern POS
1	of the	4513	ADP+DET
2	in the	3065	ADP+DET
3	Prime Minister	2971	PROPN+PR...
4	to the	2389	ADP+DET
5	that the	2212	SCONJ+DET
6	it is	2138	PRON+AUX
7	the Prime	2111	DET+PROPN
8	is a	1670	AUX+DET
9	I am	1642	PRON+AUX
10	on the	1599	ADP+DET
11	and the	1503	CCONJ+DET
12	to be	1497	PART+AUX
13	that we	1471	SCONJ+PR...
14	for the	1462	ADP+DET
15	That is	1335	DET+AUX
16	It is	1262	PRON+AUX
17	is the	1262	AUX+DET

Exporter N-grammes

Réinitialiser

DOCUMENTS

M2

2015-05-28_Home_Affairs_
M2 • À traiter

2015-06-23_Crown_Prosecu
M2 • À traiter

2015-06-25_Reports_into_I
M2 • À traiter

2015-07-02_Vulnerable_Vi
M2 • À traiter

2015-07-06_Violence_agair
M2 • À traiter

2015-07-14_Budget_Resolut
M2 • À traiter

2015-07-14_Calais.xml
M2 • À traiter

2015-07-15_Housing_Suppl
M2 • À traiter

2015-07-15_Water_Cannon.
M2 • À traiter

2015-09-11_Assisted_Dying
M2 • À traiter

2015-09-14_Trade_Union_F
M2 • À traiter

2015-05-28_Home_Affairs_and_Justice.xml

May I begin by paying tribute to all those who have made such eloquent maiden speeches today? For my part, having spent many years having my legal arguments torn apart in court, and more recently my evidence questioned in various Select Committees, the opportunity of making an uninterrupted speech in this Chamber is too good to be true.

Since it is customary to root a maiden speech in one’s constituency, I have decided to start in the British Library, which lies in the heart of my constituency of Holborn and St Pancras. As the Camden New Journal reported early in February this year, four surviving Magna Carta manuscripts arrived at the British Library just in time for the 800th anniversary in June of the historic settlement in 1215. Great claims are made of Magna Carta. They include that Magna Carta was the foundation of the notion of equality before the law and individual freedom; that it enshrined due process, habeas corpus and access to justice; and that it was the origin of trial by jury. If all those claims were actually true, no doubt the remaining provisions of Magna Carta would be earmarked, alongside the Human Rights Act, for repeal, not celebration.

As the former Lord Chief Justice, the late Lord Bingham, rightly pointed out:

“Establishment of a charter of human rights in the sense understood today was not among”

the barons’

“objectives. Chapters 39 and 40 were important not as conferring rights on the subject but as imposing a restraint on the King.”

It was their own interests and privileges that the barons were seeking to protect, not the rights of their fellow citizens. Yet from its beginnings as a local feudal settlement offering partial, not universal,

ÉTIQUETTES

HIERARCHIE DES TAGS

- La mer
- Polémique
- Positif
- Société
- test
- Économie

NAVIGATEUR D’ANNOTATIONS

Aucune annotation

+ Nouveau Tag

Afficher POS

Afficher Lemmes

LinguistiX

Accueil

Corpus

Recherche

Tagging

Statistiques

Widgets

Paramètres

Rechercher...

DOCUMENTS

M2

2015-05-28_Home_Affairs_M2 • Annoté

2015-06-23_Crown_ProsecuM2 • À traiter

2015-06-25_Reports_into_I M2 • À traiter

2015-07-02_Vulnerable_Vi M2 • À traiter

2015-07-06_Violence_agair M2 • À traiter

2015-07-14_Budget_Resolut M2 • À traiter

2015-07-14_Calais.xml M2 • À traiter

2015-07-15_Housing_Suppl M2 • À traiter

2015-07-15_Water_Cannon. M2 • À traiter

2015-09-11_Assisted_Dying M2 • À traiter

2015-09-14_Trade_Union_I M2 • À traiter

2015-05-28_Home_Affairs_and_Justice.xml

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ÉTIQUETTES

HIERARCHIE DES TAGS

La mer

Polémique

Positif

Société

test

Économie

Ajouter sous-tag

Renommer

Changer couleur

Configurer Auto-Tagging

Supprimer

NAVIGATEUR D'ANNOTATION

test

May I begin by paying tribute ...

test

+ Nouveau Tag

Afficher POS

Afficher Lemmes

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

Statistiques

CORPUS ACTIFS

M2

L3

ToutAucun

EXPLORER

abc

Mots fréquents

Quels mots reviennent le plus ?

Comparer deux corpus

Qu'est-ce qui les distingue ?

Analyser un mot

Comment ce mot est-il utilisé ?

Collocations

Avec quels mots apparaît-il ?

✓ 2 corpus disponibles

Analysez vos corpus

Sélectionnez un corpus dans la colonne de gauche,
puis choisissez ce que vous voulez explorer.



Statistiques

CORPUS ACTIFS

M2

L3

Tout

Aucun

EXPLORER



Mots fréquents

Quels mots reviennent le plus ?



Comparer deux corpus

Qu'est-ce qui les distingue ?



Analyser un mot

Comment ce mot est-il utilisé ?



Collocations

Avec quels mots apparaît-il ?

Compter :

Mots

Top :

50

Stopwords

Grouper POS

Ponctuation

Freq. :

%

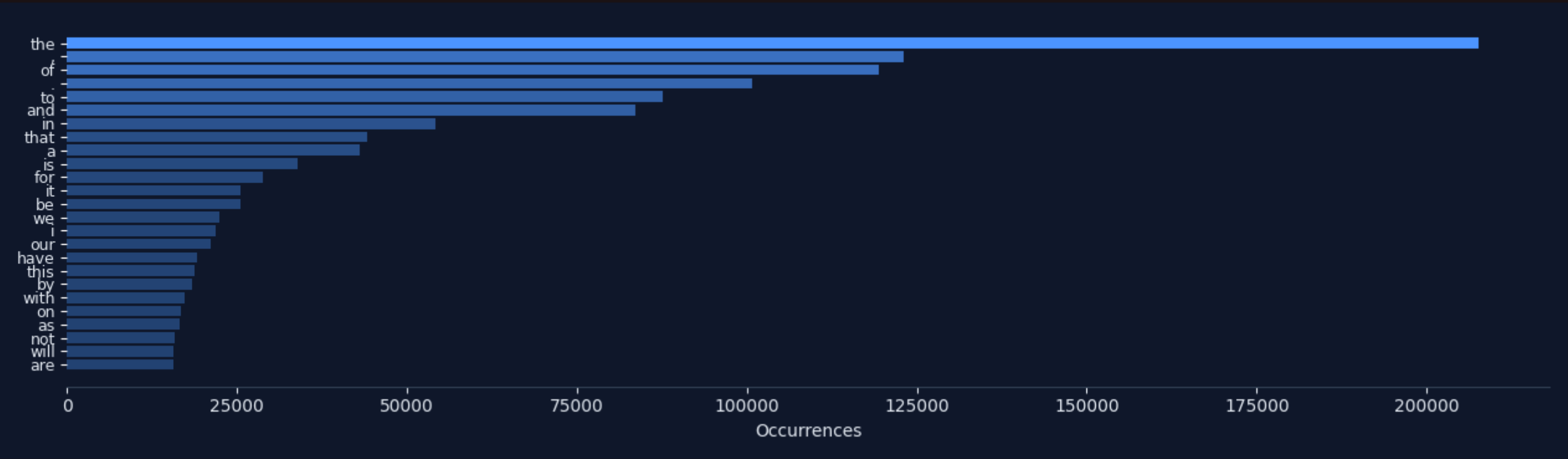
Filtrer un mot...

Barres

Calculer

37,351 mots uniques | 2,862,262 tokens | Corpus : M2, L3

	Mot/Lemme	Occurrences	Freq. (%)
1	would	6195	0,2164
2	with	17190	0,6006
3	will	15718	0,5491
4	which	15058	0,5261
5	we	22379	0,7819
6	was	9498	0,3318
7	to	87639	3,0619
8	this	18810	0,6572
9	they	8927	0,3119



Options WordCloud

Exporter CSV

Exporter PNG

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

Statistiques

CORPUS ACTIFS

M2

L3

Tout

Aucun

EXPLORER

abc

Mots fréquents

Quels mots reviennent le plus ?

⚖️

Comparer deux corpus

Qu'est-ce qui les distingue ?

🔍

Analyser un mot

Comment ce mot est-il utilisé ?

🔗

Collocations

Avec quels mots apparaît-il ?

✓ 2 corpus disponibles

Corpus A :M2

Corpus B :L3

Top :50

Fréq. min. :1

11194 spéc. M2 | 26157 spéc. L3 · 37351 mots total

Comparer

Exporter CSV

Tableau

Carte Spatiale (PCA)

M2

Log Ratio positif(+) = spécifique au corpus A | négatif(-) = spécifique au corpus B

L3

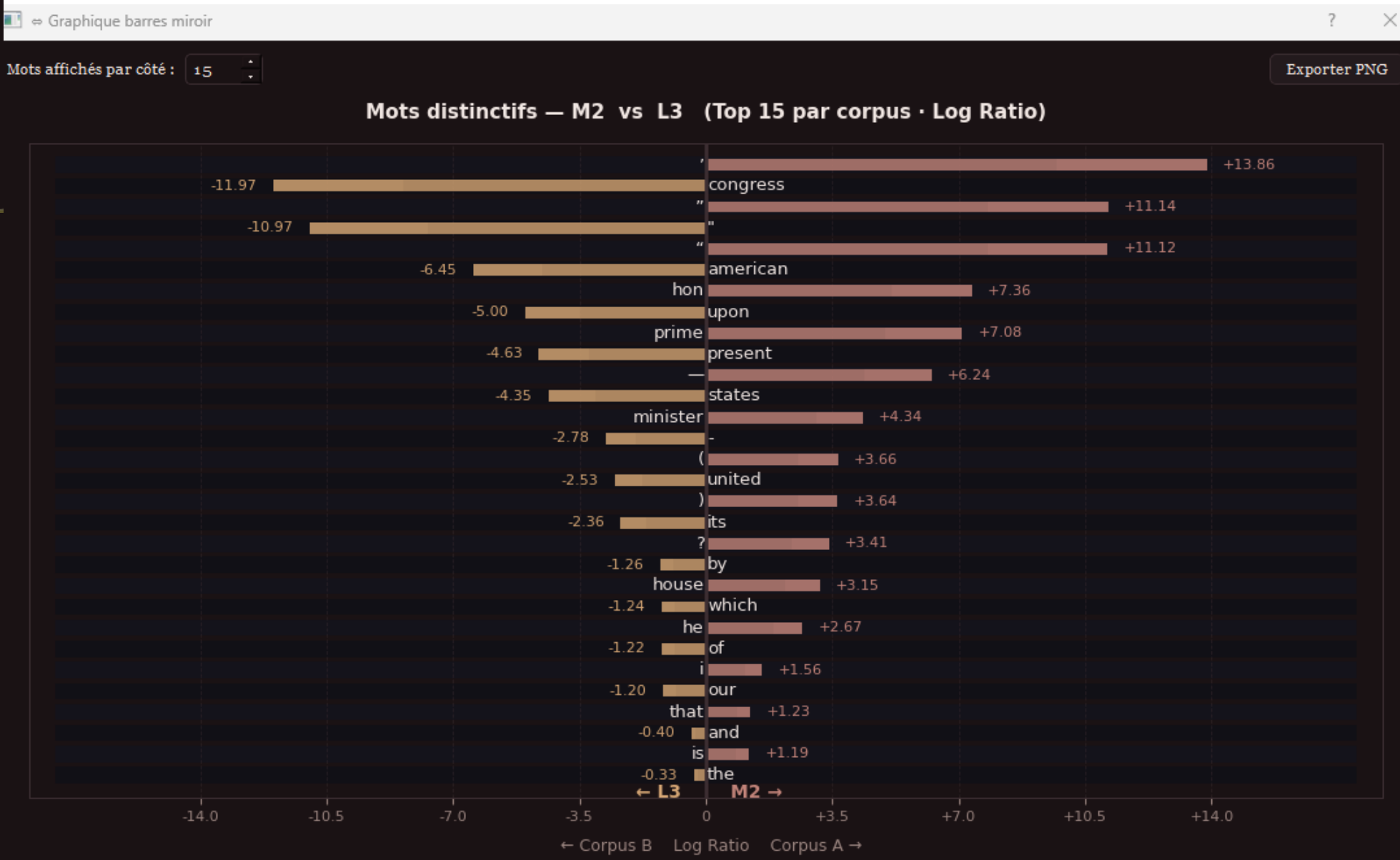
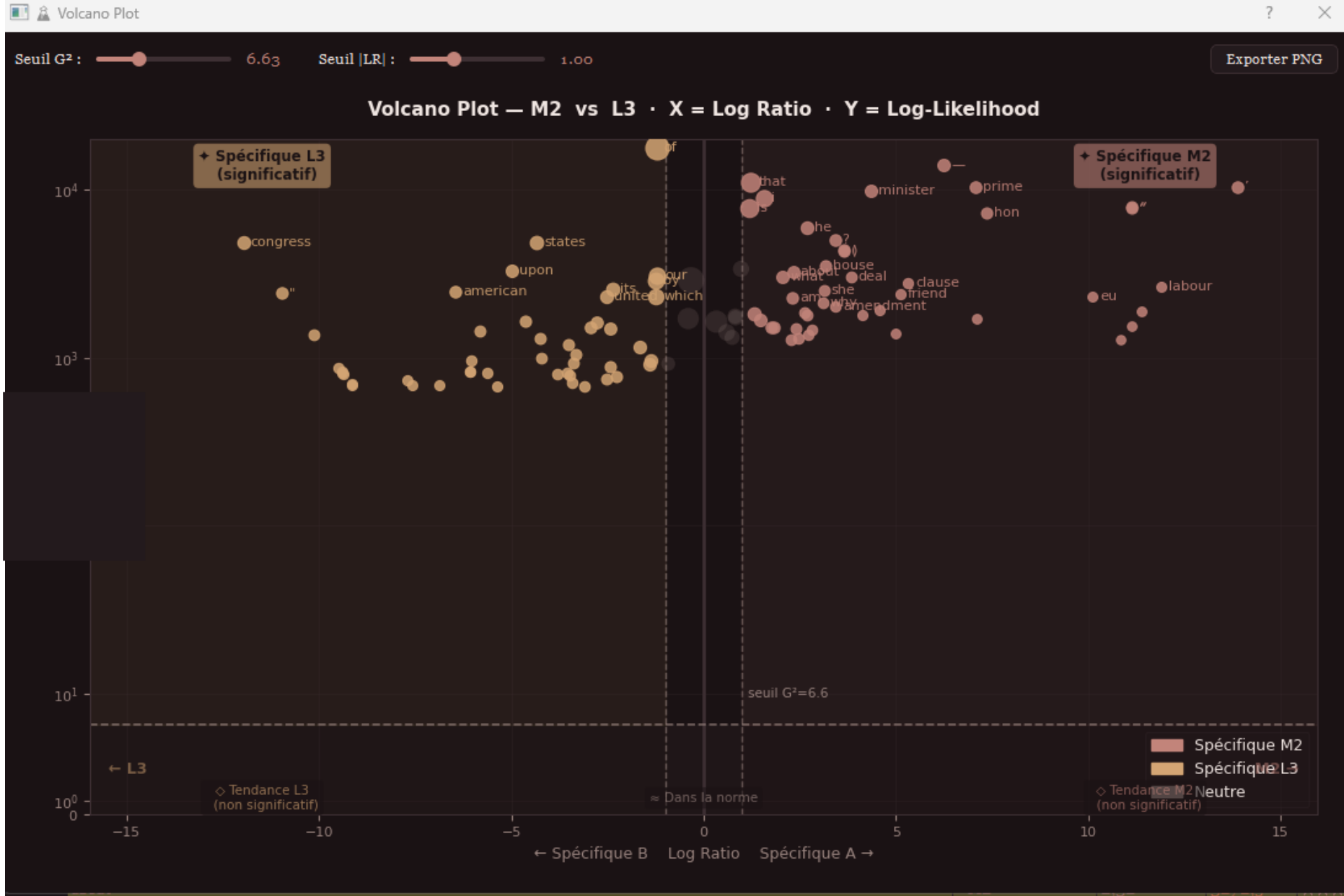
Comprendre le tableau — pourquoi ces statistiques et ces seuils ?

Rechercher un mot...

Graphique miroir

Volcano Plot

	Mot	Corpus favori	Log Ratio	G² (LL)	Statut	Fréq M2	Fréq L3
1	of	⬅ L3	-1,22	17891,2	★★ Distinctif	16735	102697
2	—	➤ M2	6,24	14128,2	★★★ Très distinctif	4252	148
3	that	➤ M2	1,23	11061,8	★★ Distinctif	20742	23312
4	'	➤ M2	13,86	10477,3	★★★ Très distinctif	2809	0
5	prime	➤ M2	7,08	10370	★★★ Très distinctif	2988	58
6	minister	➤ M2	4,34	9893,3	★★★ Très distinctif	3683	479
7	i	➤ M2	1,56	8916	★★ Distinctif	11490	10294
8	"	➤ M2	11,14	7911,7	★★★ Très distinctif	2133	2
9	is	➤ M2	1,19	7873,3	★★ Distinctif	15708	18221
10	"	➤ M2	11,12	7826	★★★ Très distinctif	2110	2
11	hon	➤ M2	7,36	7290,9	★★★ Très distinctif	2078	33
12	he	➤ M2	2,67	5943,2	★★★ Très distinctif	3617	1502
13	?	➤ M2	3,41	5022,4	★★★ Très distinctif	2325	579
14	states	⬅ L3	-4,35	4916	★★★ Très distinctif	125	6752
15	congress	⬅ L3	-11,97	4906,1	★★★ Très distinctif	0	5298
16	(	➤ M2	3,66	4383	★★★ Très distinctif	1891	395
17	)	➤ M2	3,64	4365,5	★★★ Très distinctif	1892	400
18	house	➤ M2	3,15	3562,6	★★★ Très distinctif	1792	534
19	we	➤ M2	0,97	3389,7	★ Tendance	9525	12854
20	upon	⬅ L3	-5	3297	★★★ Très distinctif	49	4196
21	about	➤ M2	2,32	3272,5	★★★ Très distinctif	2383	1262
22	our	⬅ L3	-1,2	3096,7	★★ Distinctif	2991	18148
23	deal	➤ M2	3,83	3057,1	★★★ Très distinctif	1265	235
24	what	➤ M2	2,06	3020,8	★★★ Très distinctif	2587	1641
25	by	⬅ L3	-1,26	2907,8	★★ Distinctif	2500	15815
26	the	⬅ L3	-0,33	2901	- Significatif (banal)	48057	159631
27	clause	➤ M2	5,32	2775,5	★★★ Très distinctif	901	59
28	labour	➤ M2	11,88	2666,9	★★★ Très distinctif	715	0



LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

Statistiques

CORPUS ACTIFS

M2

L3

ToutAucun

EXPLORER

abc

Mots fréquents

Quels mots reviennent le plus ?

⚖️

Comparer deux corpus

Qu'est-ce qui les distingue ?

🔍

Analyser un mot

Comment ce mot est-il utilisé ?

🔗

Collocations

Avec quels mots apparaît-il ?

✓ 2 corpus disponibles

Analyse de Collocation

Trouvez les mots qui apparaissent fréquemment ensemble.

Entrez un mot et découvrez ses cooccurents les plus significatifs.

Corpus à analyser

M2

L3

Mot pivot

Quel mot voulez-vous analyser ?

workers

Options

Fenêtre de contexte : 4 mots

Mesure principale : Log Dice

Trouver les collocations

✓ 200 collocations trouvées pour 'workers'

Collocations de 'workers'

Exporter CSV

Interprétation : Score élevé = association forte Freq colloc = occurrences ensemble

TableauGraphe réseauSauvegardés

	Cooccurrent	Freq ensemble	Freq corpus	Score	Force
1	rights	61	391	10,64	Très fort
2	will	34	5719	6,55	Modéré
3	care	26	341	9,53	Fort
4	british	22	465	9	Fort
5	health	19	384	8,97	Fort
6	pay	18	404	8,85	Fort
7	nhs	17	418	8,73	Fort
8	generation	15	73	9,63	Fort
9	key	15	92	9,54	Fort
10	mental	14	94	9,44	Fort
11	minister	14	3683	5,87	Modéré
12	biggest	13	114	9,25	Fort
13	work	13	992	7,44	Fort
14	one	13	1280	7,13	Fort
15	people	13	1728	6,76	Modéré
16	prime	13	2988	6,05	Modéré
17	frontline	12	65	9,35	Fort
18	upgrade	11	24	9,43	Fort
19	million	11	506	7,92	Fort
20	every	11	500	7,77	Fort

LinguistiX

AccueilCorpusRechercheTaggingStatistiquesWidgetsParamètres

Rechercher...

Mes Widgets

Dashboard personnalisable — glissez, ajoutez, personnalisez

123Verrouille

Visual Builder

INGRÉDIENTS

MÉTRIQUES

Tous les Tags

Adj

Adp

Adv

Aux

Cconj

Det

Intj

Noun

Num

Part

SOURCES

MÉTRIQUE / TAG

SOURCES / CONTEXTE

Automatique

Nouveau Widget

Glissez des éléments dans les zones ci-dessus pour voir le résultat.

Annuler

VALIDER

Widgets disponibles

Cliquez pour ajouter un widget au dashboard

Statistiques Globales

Mes Corpus

Documents

Actions Rapides

Diversité Lexicale

Activité Récente

Langues

Recherche Rapide

Mes widgets

Mémo Test

d

da

d

s

agaga

Widget simple

Composer un widget

Questions & Discussion !

Merci de votre attention