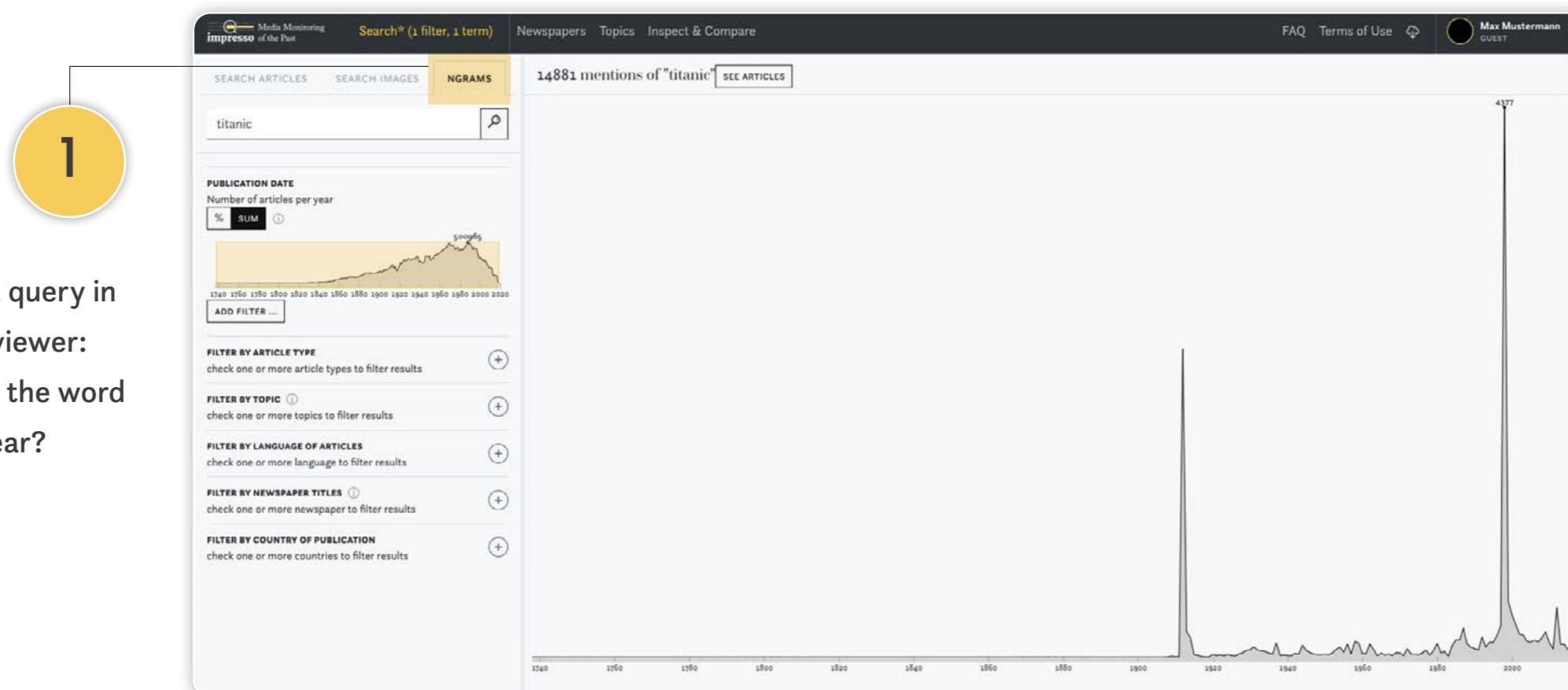


# 01 | TELL AN EVENT APPART FROM ITS AVATARS: THE TITANIC CATASTROPHE AND ITS MOVIES

In this challenge, we invite you to get acquainted with the features of the impresso interface: how to read the visualisations, how to search, how to use the topic modelling and the Named Entities to narrow down or expand your research. We will also guide you to use the intermediary analysis tools such as the inspect and compare page and the creation of collection. All the answers to the questions can be found in the FAQ page or directly on the interface. Are you set? Let's start!

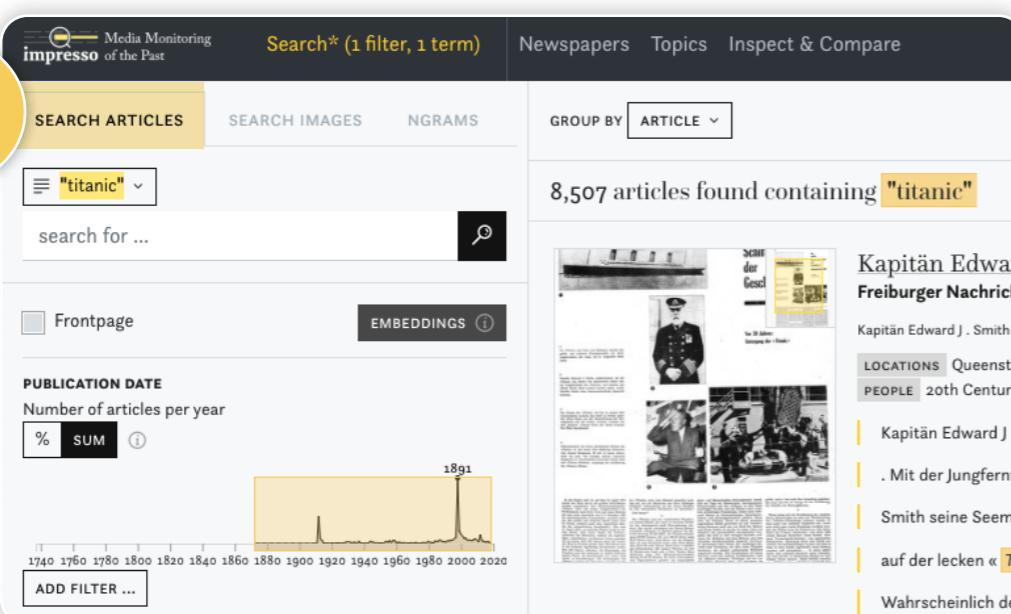
**GOAL 1** collect articles on the event and on the movie in separate collections

**GOAL 2** find movies dedicated to the event other than the one from 1998



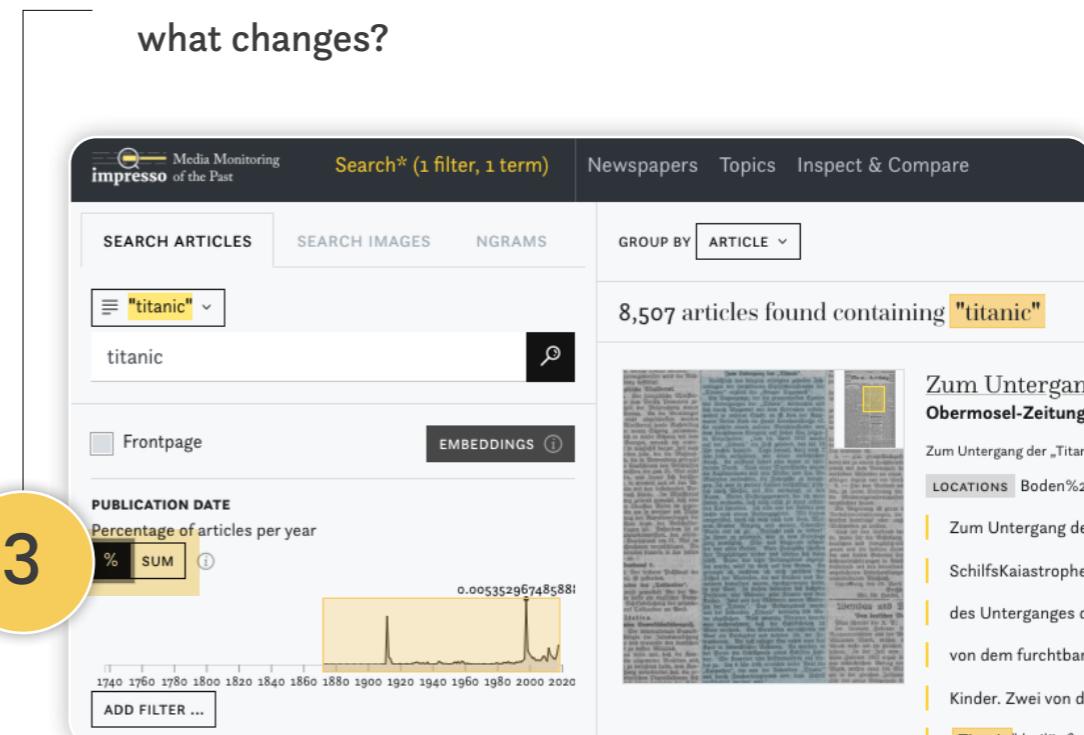
in contrast, search for the word titanic in the general search page: what is the difference between the number of hits shown in the ngram viewer and the search page?

2



describe what you see:  
when are the highest hits for the word  
“Titanic” and how can you explain it?

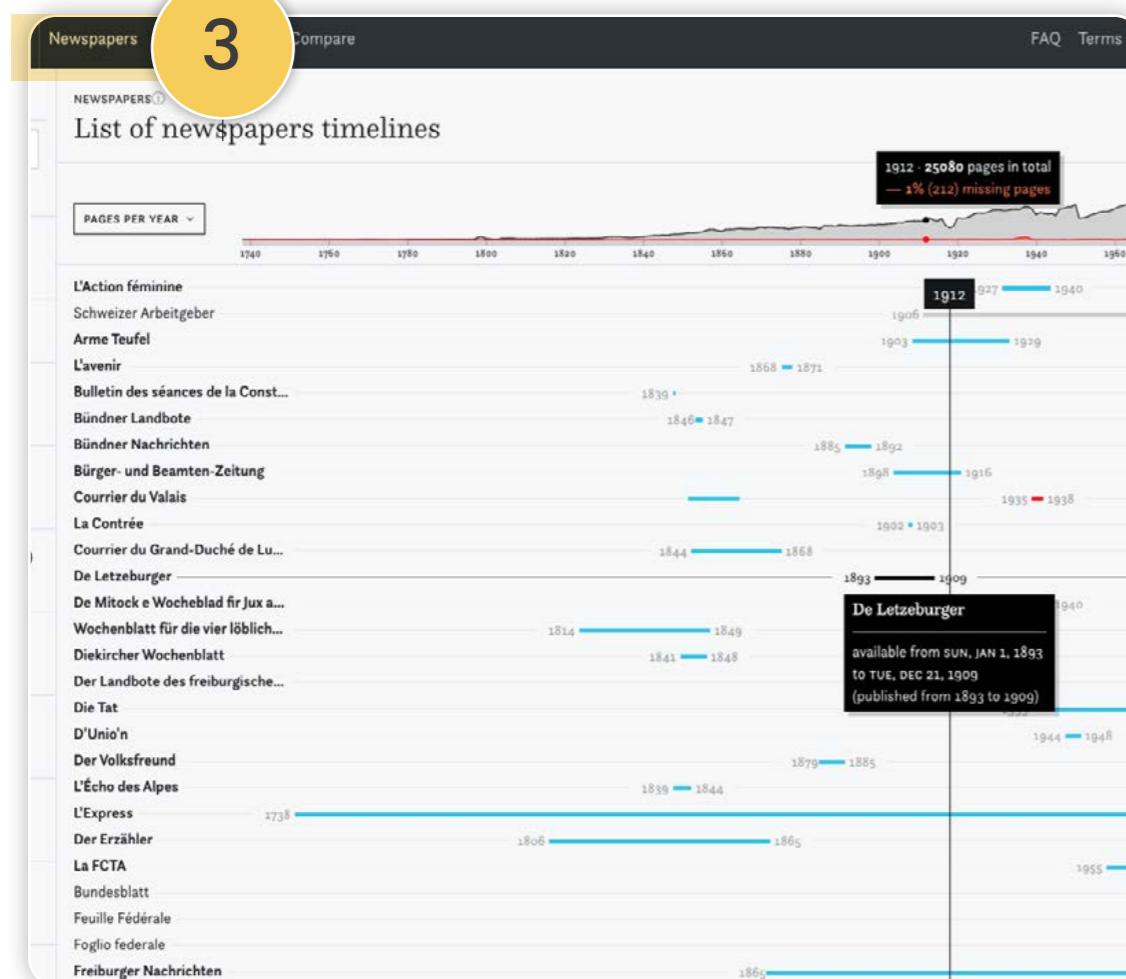
change the frequency line from SUM to %  
what changes?



3

go to the newspaper page: how many newspapers pages are available in the impresso collection for the years 1912 and 1998? what is the potential impact on the previous result list?

3



4

we will start now with searching for articles about the movie **Titanic**, with the help of **NAMED ENTITIES**:  
Filter by **PERSONS** related to the 1998 movie

save the result list as a collection titled “Titanic 1998”

Saving items in your collection  
FEB 28, 2020, 10:56 (#4839)

**CAMERON OR LEONARDO DICAPRIO**  
containing titanic mentioning James Cameron or Leonardo DiCaprio or Kate Winslet  
PROGRESS — 13.33 %

QUARY 18, 1998 p.30  
/ 10 ans) p. fr. 13.45, 15-50,7-55, 20.00,22.15, 16-17  
(department) , Kaplan%2c Inc. , Saint-Lausanne , Guy Saint-Pierre , Atlantic , Vevey , Yverdon-les-Bains , Moulins , e , Venice , Canton of Neuchâtel , La Christian Clavier , Jean Reno , Mel Smith , Stanley Tucci , Robin Williams , Peter Ion (computer scientist) , Robert Guédiguian , Les Visiteurs , Curtis Hanson , Kim Basinger , Brosnan , Jonathan Pryce , Michael Caine , Jack Nicholson , Helen Hunt , Gérard Depardieu , Caprio , Kate Winslet , Bob Spiers

export search results as csv  
FEB 28, 2020, 10:28 (#4838)  
saved in Robert Schumann- radio; mentioning Robert Schumann  
DONE — 100 %

Saving items in your collection  
FEB 25, 2020, 16:44 (#4834)  
Robert Schumann- radio with topic "soir · matin · midi · nuit · journal...", mentioning Robert Schumann  
DONE — 100 %

DONE — 100 %

DISPLAY AS LIST TILE  
SAVE / EXPORT

Media Monitoring  
impresso of the Past

Search\* (3 filters, 3 terms)

SEARCH ARTICLES SEARCH IMAGES NGRAMS

"titanic" film · cinéma · semaine · jean · joh  
Titanic-movie 1998

search for ...

Frontpage EMBEDDINGS

PUBLICATION DATE  
Number of articles per year  
% SUM

1740 1760 1780 1800 1820 1840 1860 1880 1900 1920 1940 1960 1980 2000 2020  
ADD FILTER ...

FILTER BY COLLECTION  
results are filtered when:  
NOT SAVED IN  
Titanic-movie 1998  
@max.mustermann  
LAST MODIFIED FRI, FEB 28, 2020

MORE...

FILTER BY ARTICLE TYPE  
check one or more article types to filter results

FILTER BY PERSON  
check one or more persons to filter results

FILTER BY LOCATION  
check one or more locations to filter results

FILTER BY TOPIC  
results are filtered when:

To complement the current list of results, look for topics which relate to movies. EXCLUDE the collection you created in the previous step to avoid duplicates

save that result list in a new collection

open the **INSPECT & COMPARE** page. In column A on the left side, click to add the current search query. Find column B on the right and select the “Titanic 1998” collection.

The screenshot shows the 'Inspect & Compare' page. A yellow circle highlights the number 7 above the 'A & B' button. Column A shows a search for "titanic" with 1,121 results. Column B shows a collection named "TITANIC-MOVIE 1998" containing 1,413 results.

Scroll down and take note of the similarities and differences in columns A and B.

The screenshot shows a person search result for Barbara Stanwyck. A yellow box highlights her name in the list. A modal window shows her career timeline from 1953 to 1966, with 32 results found.

can you recognise information in those filter that will help you identify movies that came out before 1998 on the Titanic?

inspect the person list: what does it tell you?

**RESULTS IN COMMON:** 1,644 results in common

**COLLECTION A (titanic):**

- search for ...
- OPEN IN SEARCH PAGE... (2,852 RESULTS)

**COLLECTION B (film):**

- search for ...
- OPEN IN SEARCH PAGE... (2,820 RESULTS)

**COLLECTION A & B (titanic AND film):**

- search for ...
- OPEN IN SEARCH PAGE... (1,644 RESULTS)

**TIMELINES:**

- Collection A (titanic) peaks around 1998 (1169 results).
- Collection B (film) peaks around 1998 (580 results).
- Collection A & B (titanic AND film) peaks around 1998 (763 results).

compare the following queries:

**COLUMN A:** search for the keyword “titanic” and filter with the TOPIC “film, cinéma...”

**COLUMN B:** search for the keywords “titanic” then “film”

**RESULTS IN COMMON:** 1,644 results in common

**TOPICS FOR COLLECTION A (titanic):**

TOPIC	RESULTS
FR film - cinéma - semaine - jean - john	2,852
FR journal - monde - vie - direct - série	665
<b>FR bateau - mer - lac - bord - port</b>	<b>650</b>
FR dimanche - samedi - lundi - vendredi - soir	585
FR scène - théâtre - spectacle - pièce - public	489
FR enfant - famille - père - vie - mère	465

**TOPICS FOR COLLECTION B (film):**

TOPIC	RESULTS
FR film - cinéma - semaine - jean - john	1,644
FR journal - monde - vie - direct - série	384
<b>FR bateau - mer - lac - bord - port</b>	<b>366</b>
FR dimanche - samedi - lundi - vendredi - soir	345
FR scène - théâtre - spectacle - pièce - public	325
FR enfant - famille - père - vie - mère	277

**TOPICS FOR COLLECTION A & B (titanic AND film):**

TOPIC	RESULTS
FR film - cinéma - semaine - jean - john	1,644
FR journal - monde - vie - direct - série	1,095
<b>FR bateau - mer - lac - bord - port</b>	<b>443</b>
FR dimanche - samedi - lundi - vendredi - soir	423
FR scène - théâtre - spectacle - pièce - public	391
FR enfant - famille - père - vie - mère	381

look at the frequencies and the topics: what do you notice? where do the queries A and B overlap? what is the difference?

**RESULTS IN COMMON:** 1,022 results in common

**PERSONS FOR COLLECTION A (titanic):**

PERSON	RESULTS
Barbara Stanwyck	45
Michèle Morgan	45
Kate Winslet	37
Nicolas Hulot	37
Charlie Chaplin	34
Jean Dujardin	34

**PERSONS FOR COLLECTION B (film):**

PERSON	RESULTS
Barbara Stanwyck	44
Michèle Morgan	44
Celine Dion (album)	29
Charlie Chaplin	29
Sacha Guitry	29
Alain Chabat	28

**PERSONS FOR COLLECTION A & B (titanic AND film):**

PERSON	RESULTS
Beverly Hills%2c California	69
Santa Barbara%2c California	69
Hercule Poirot	67
<b>Barbara Stanwyck</b>	<b>63</b>
Lucky Luke	61
James Bond	53

scroll down to the persons and exclude on both sides the main actor of the 1998 movie and the director: what do you notice? what names do appear in column A and B?

use the metadata filters and curate the left column to focus on movies produced before 1998 on the Titanic catastrophe

**8**

The screenshot shows the impresso platform interface with three main panels:

- Left Panel:** Shows a search bar with filters: "titanic", "film · cinéma · semaine · jean · joh", and "Titanic-movie 1998". Below it is a search input field and a button to "OPEN IN SEARCH PAGE... (1,103 RESULTS)". A yellow circle highlights this button.
- Middle Panel:** Displays a message: "no results in common" followed by "Lists of newspapers, named entities and topics for articles which appear both in A and B." It includes a button to "OPEN IN SEARCH PAGE... (EMPTY, NO RESULTS)".
- Right Panel:** Shows a collection titled "TITANIC-MOVIE 1998" containing "1,413 RESULTS". It lists names like James Cameron, Leonardo DiCaprio, Kate Winslet, etc., with Keanu Reeves highlighted in yellow. A yellow circle also highlights the "OPEN IN SEARCH PAGE..." button for this panel.

**PERSONS (Left Panel):**

PERSON	RESULTS
Barbara Stanwyck	32
Jean-Claude Pascal	24
Michèle Morgan	21
Bernard Blier	20
Clifton Webb	20
Charlie Chaplin	18
Françoise Arnoul	18
Jean Servais	18
Sacha Guitry	18
Daniel Gélin	16

**LOCATION (Middle Panel):**

Keanu Reeves PERSON

CURRENT SELECTION: 626 (from 1965 to 2017)

apply current search filters (0 filters)

4,168 results in total (from 1965 to 2017)

ADD AS SEARCH FILTER EXCLUDE FROM CURRENT SEARCH

**PERSONS (Right Panel):**

PERSON	RESULTS
James Cameron	1,195
Leonardo DiCaprio	900
Kate Winslet	829
Woody Allen	368
Taylor Hackford	329
Don Bluth	322
Demi Moore	299
Billy Zane	289
Sabine Azéma	284
<b>Keanu Reeves</b>	<b>274</b>

open the curated list in the  
SEARCH PAGE

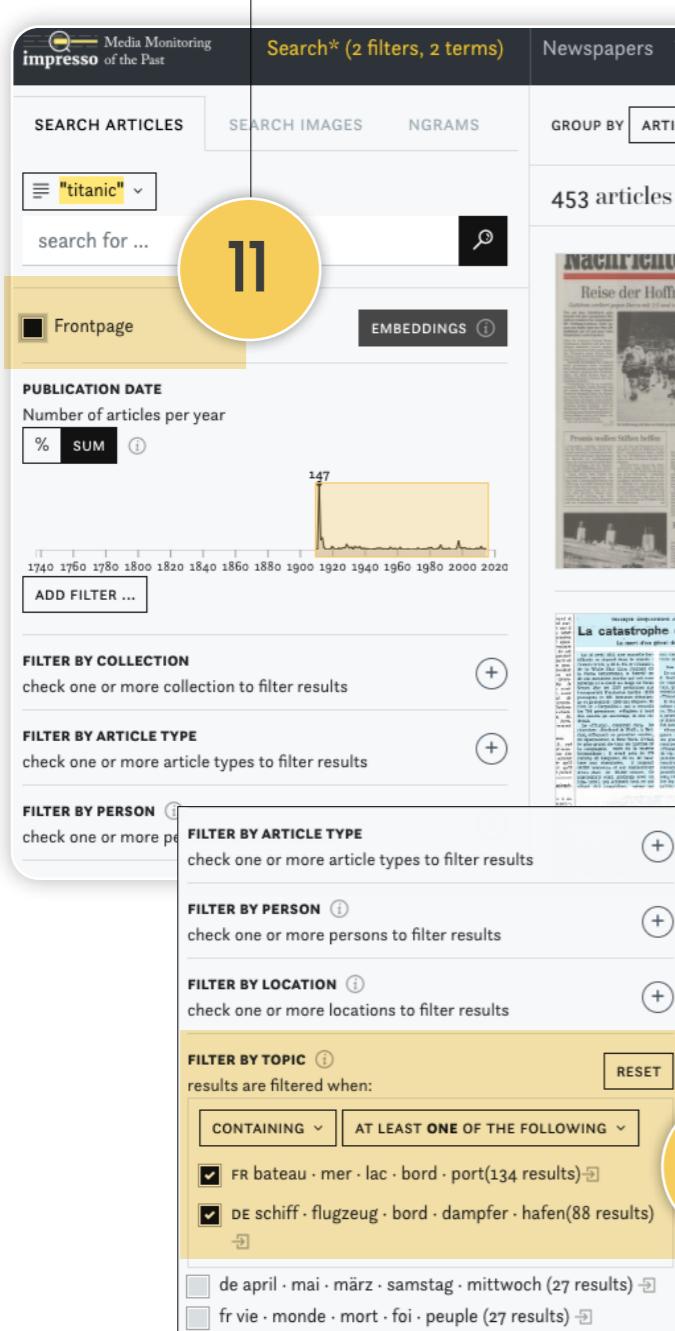
9

The screenshot shows the impresso search interface. At the top, there's a search bar with the placeholder "Search\* (5 filters, 8 terms)". Below it, there are three tabs: "SEARCH ARTICLES", "SEARCH IMAGES", and "NGRAMS". Under "SEARCH ARTICLES", several filters are applied: "titanic" (selected), "film · cinéma · semaine · jean · john", "Titanic-movie 1998", "Celine Dion (album) OR James Camer", and "From Jan 1, 1912 to Oct 16, 1992". There's also a search input field "search for ..." and a "SEARCH" button. On the left, there's a "Frontpage" link and a "PUBLICATION DATE" section with a chart showing article counts per year from 1740 to 2020. Below that is a "PUBLISHED BETWEEN" section with date inputs for "1912-01-01" and "1992-10-15", and a "FILTER BY COLLECTION" section where "Titanic-movie 1998" is checked.

The screenshot shows the search results page. At the top, it says "Newspapers Topics Inspect & Compare". On the right, there are links for "FAQ Terms of Use" and a user profile "Max Mustermann GUEST". A progress bar indicates "PROGRESS — 83.33 %". The main content area displays search results for "titanic-movies before 1998", listing articles from "Gazette de Lausanne" (MONDAY, SEPTEMBER 8, 1958 p.2) and "Journal de Genève" (SATURDAY, JULY 26, 1980 p.20). Each result includes a thumbnail, title, date, location/people, and a "VIEW" or "ADD TO COLLECTION ... v" button. On the right side, there are sections for saving items to collections and exporting results as CSV. A large yellow circle with the number "10" is overlaid on the right edge of the interface.

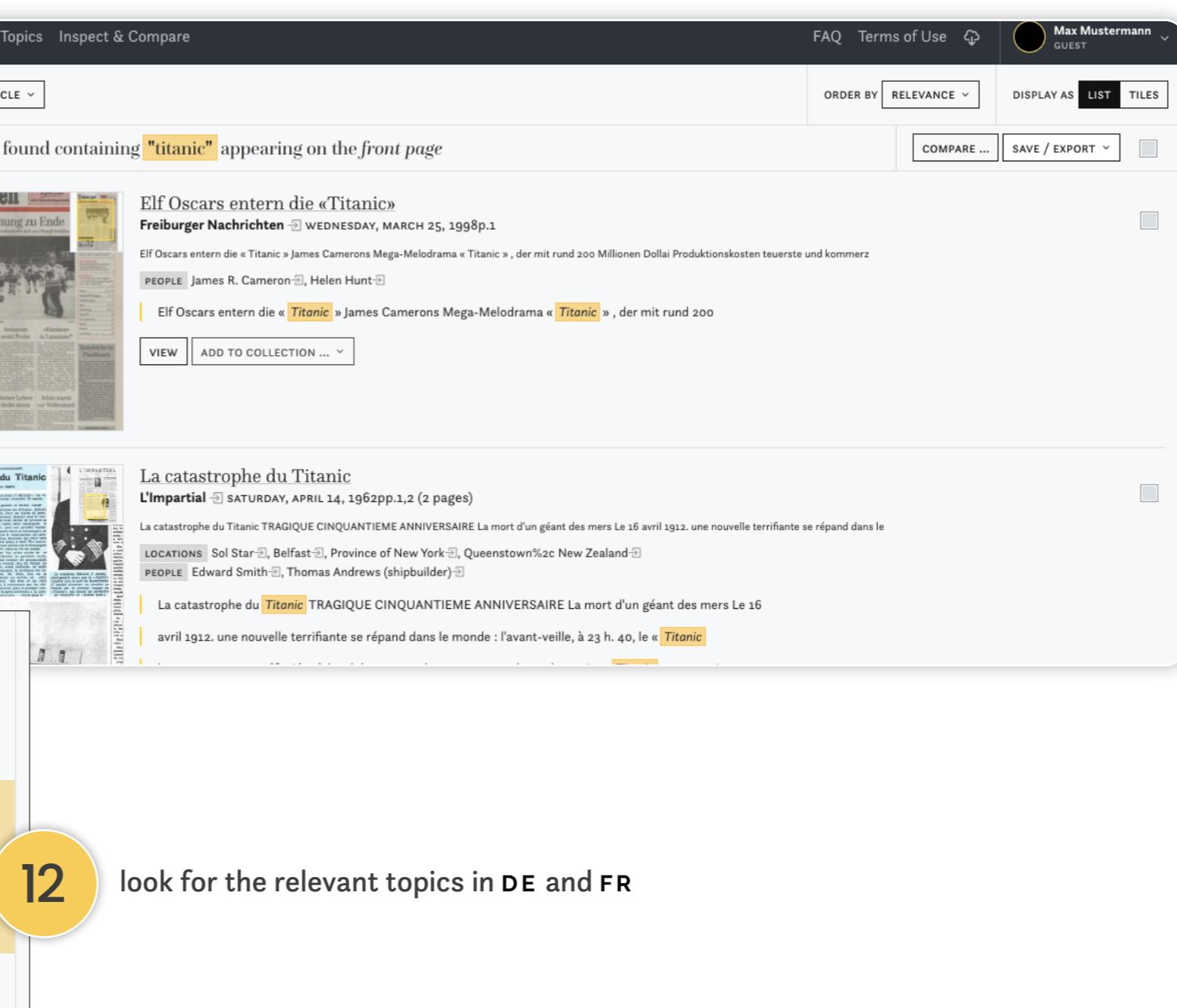
create a new COLLECTION titled “titanic movies pre 1998”  
based on this result list, to collect articles about other  
movies than the 1998 Titanic movie

now we will look for articles dealing with the catastrophe itself:  
search for the word **titanic** and select articles published in the FRONT PAGE



**11**

The screenshot shows the Impresso platform interface. On the left, there's a sidebar with filters for 'SEARCH ARTICLES', 'SEARCH IMAGES', 'NGRAMS', and a 'Frontpage' button (which is highlighted). Below it are sections for 'PUBLICATION DATE' (a chart showing a single peak at 1912), 'FILTER BY COLLECTION', 'FILTER BY ARTICLE TYPE', 'FILTER BY PERSON', and 'FILTER BY LOCATION'. A large yellow circle labeled '11' is overlaid on the sidebar area. The main content area shows search results for 'titanic' on the front page. It includes a header with '453 articles found containing "titanic" appearing on the front page', a preview of a newspaper clipping from 'Freiburger Nachrichten' dated March 25, 1998, and a snippet of text about the movie 'Titanic'. There are also buttons for 'VIEW' and 'ADD TO COLLECTION ...'.



**12**

The screenshot continues from the previous one, showing the same search results for 'titanic' on the front page. A large yellow circle labeled '12' is overlaid on the right side of the main content area. Below the results, there is a callout text: 'look for the relevant topics in DE and FR'.

open the WORD EMBEDDING feature to look for ocr mistakes frequently associated to the word “titanic” and other words connected to it, in FR and DE.

What do you notice? Why do the words “naufrage” and “hollywood” appear?

The screenshot shows the impresso platform interface with two floating windows displaying word embeddings.

**Top Window (French Embedding):**

- Search bar: "titanic" (highlighted), "French", 50, GO!
- Results: titanic, terror, exodus, naufrage, naufragés, drake, leviathan, harbor, cameron, abyss, empress, atlantis, hollywood, britannic, whale, persia, fantastique, engloutie, mystery, léviathan, glorious, thirteen, twelve, naufragée, amistad.

**Bottom Window (German Embedding):**

- Search bar: "titanic" (highlighted), "German", 50, GO!
- Results: titanic, schifskatastrophe, queen, carpathia, nantucket, feuerschiff, rettungsboot, eisberg, lusitania, empreß, rettungsbootes, riesenschiff, schiffbrüchigen, strandung, glorious, arabic, wrack, rettungsboote, dampfers, gestrandet.

**Left Side of Main Interface:**

- Search filters: "titanic", "bateau · mer · lac · bord · port OR", "From Jan 1, 1910 to Jan 1, 2016".
- Publication Date: Bar chart showing article count per year from 1740 to 2020, with a peak around 1910.
- Published Between: 1910-01-01 to 2015-12-31.
- Filter by Collection: "titanic" selected.

**Right Side of Main Interface:**

- Search bar: "titanic", "French", 50, GO!
- Results: titanic, terror, exodus, naufrage, naufragés, drake, leviathan, harbor, cameron, abyss, empress, atlantis, hollywood, britannic, whale, persia, fantastique, engloutie, mystery, léviathan, glorious, thirteen, twelve, naufragée, amistad.
- Text Preview: "Un transatlantique en feu" (Confédéré, WEDNESDAY, OCTOBER 15, 1913 p.1) - A transatlantic ship on fire, 136 deaths. A catastrophe that recalls the tragic memory of the Titanic occurs in full ocean. The steamship came...

what are the difference between the french and the german words surrounding Titanic?

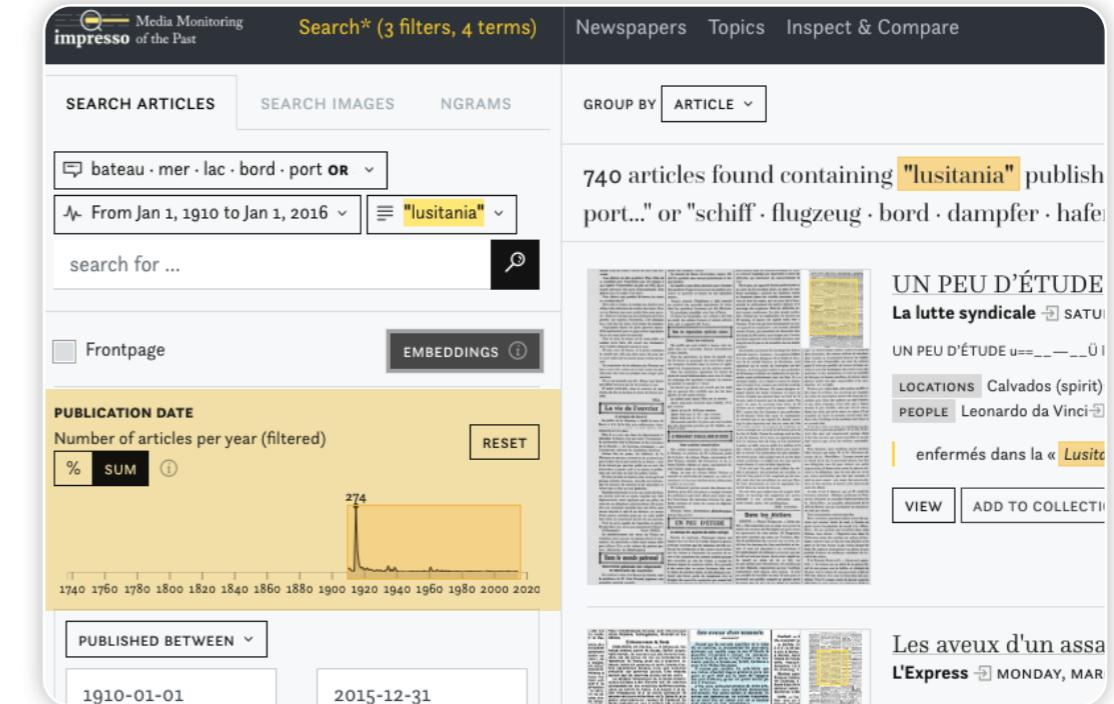
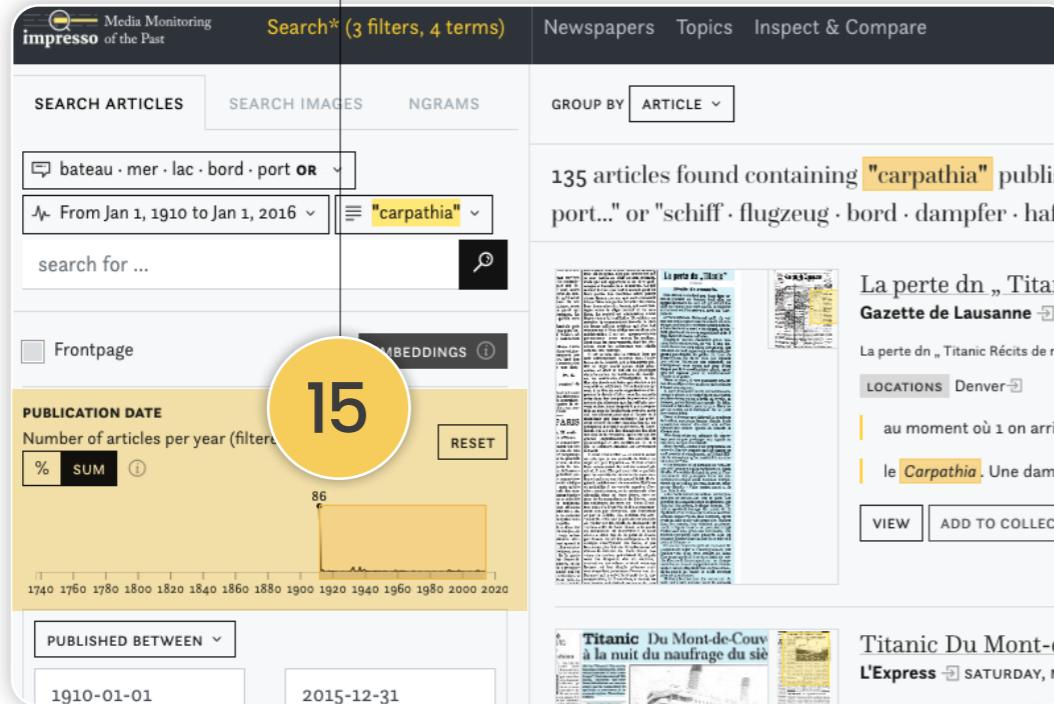
in the word embedding suggestions in German, select **carpathia** or **lusitania** with the same topics as filter

13

14

as an overall conclusion: if you go back to the first expectations formulated based on the frequency line and unigram viewer of the titanic query:

what has changed? what did you learn about what that result list means?



# CHALLENGE COMPLETED!

You have learned:

- ✓ how to read the ngram and frequency lines
- ✓ what the impresso corpus contains
- ✓ how to query the corpus with key-words, persons (named entities)
- ✓ how to create and curate collections
- ✓ how to inspect and compare queries and collections
- ✓ how to curate a result list with topics
- ✓ how to expand a query with word embeddings, by exploring synonyms and surrounding words and identifying OCR mistakes

You understand how to explore the newspapers collections based on the filters and the visualisations, as a mean to search for an event and its avatars with other means that adding keywords. We have learned how the filters inform us about the content of the result list and help understand what to expect in them, before further close inspection.

**NEXT CHALLENGE:** understand the limits of these tools!

# 02 | HOW TO FIND THE RIGHT PERSON? USES AND LIMITS OF NAMED ENTITIES TO NAVIGATE DIGITISED NEWSPAPERS

Now, we propose to test the strengths and limits of the named entities that have been recognised in the impresso corpus, with the challenge of differentiating Robert Schuman - the politician, from Robert Schumann, the composer

**GOAL 1** create two collections of articles, one dealing only with the politician Robert Schuman and one dealing only with Robert Schumann, the composer

**GOAL 2** Create a sub collections with articles mentioning only Robert Schumann's pieces, played at concerts (create a timeline/frequency graph with the concerts)

The screenshot shows the impresso search interface. At the top, there are three tabs: 'SEARCH ARTICLES' (highlighted), 'SEARCH IMAGES', and 'NGRAMS'. Below the tabs, the search term 'robert schu' is entered. A yellow circle labeled '1' highlights the search results list. The first result, '...robert schu', is highlighted with a blue background and has a 'Search in article contents' button. The second result, '...robert schu', has a 'Search in article titles' button. Below these, there are several other results including 'M. Robert Schuman', 'Robert Schumann', and 'Robert Schuman'. A yellow circle labeled '2' highlights the 'More Topics' button next to the third result, 'Robert Schumann'. At the bottom of the results list, there is a 'More Persons ...' button. To the right of the results, a preview of a newspaper page is shown with the text '44,277,028 articles found'. The newspaper page includes various headlines and advertisements, such as 'FIRE 500' and 'Robes de bal'.

search for “Robert Schumann”

1

SEARCH ARTICLES   SEARCH IMAGES   NGRAMS

robert schu

...robert schu   Search in article contents

...robert schu   Search in article titles

M. Robert Schuman

Robert Schumann

Robert Schuman

zürich winterthur galle jakob ... robert

... robert schu   More Topics

2

Robert Schumann

Robert Schuman

Robert Schulz

... robert schu   More Persons ...

44,277,028 articles found

FIRE 500

Robes de bal

The screenshot shows the Impresso search interface with the following filters applied:

- SEARCH ARTICLES**: Robert Schumann
- SEARCH IMAGES**
- NGRAMS**
- PUBLICATION DATE**: SUM (line chart showing article counts from 1740 to 2020, with a peak around 1960)
- FILTER BY COLLECTION**: check one or more collection to filter results
- FILTER BY ARTICLE TYPE**: check one or more article types to filter results
- FILTER BY PERSON**: MENTIONING, ALL OF THE FOLLOWING
  - Robert Schumann (743 results)
  - Franz Schubert (540 results)
  - Ludwig van Beethoven (459 results)
  - Richard Strauss (437 results)
  - Johannes Brahms (419 results)
- FILTER BY LOCATION**: check one or more locations to filter results

3

look at the search filters:  
who do you see?

what other named entities are  
mentioned in the result list?

4

The screenshot shows the Impresso explore interface with the following filters applied:

- LOCATION**
- COUNTRY**
- PERSON** (selected)
- LANGUAGE**
- TOPIC**
- NEWSPAPER**
- COLLECTION**
- YEAR**
- MONTH**

The results list includes:

- Robert Schumann (7,448 results)
- Franz Schubert (540 results)
- Ludwig van Beethoven (459 results)
- Richard Strauss (437 results)
- Johannes Brahms (419 results)
- Johann Sebastian Bach (320 results)
- Franz Liszt (315 results)
- Maurice Ravel (307 results)
- Richard Wagner (294 results)
- Wolfgang Amadeus Mozart (292 results)

can you spot the second Robert  
Schuman? there seems to be an  
overlap between the two entities...

the problem at stake : entity link  
attribution errors, misspellings by  
journalists

How to deal with it?

Go to **INSPECT & COMPARE** and compare the queries for each entity: **Robert Schumann**—the composer (in column A) and **Robert Schuman**—the politician (in column B).

**5**

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Search\* (1 filter, 1 term)

Newspapers Topics Inspect & Compare

FAQ Terms of Use Max Mustermann GUEST

**QUERY \*** COLLECTION

Robert Schumann ADD FILTER... robert OPEN IN SEARCH PAGE... (7,448 RESULTS)

YEARS

1860 1880 1900 1920 1940 1960 1980 2000

226

**NEWSPAPERS**

Gazette de Lausanne	981
Freiburger Nachrichten	980
Journal de Genève	957
Die Tat	941
L'Express	812
La Liberté	810
L'Impartial	689
Luxemburger Wort	251
Neue Zürcher Zeitung	206
Le Peuple, La Sentinelle	170
Confédéré	149
<b>L'indépendance luxembourgeoise</b>	<b>123</b>
d'Letzeburger Land	105
Escher Tageblatt	85
Obermosel-Zeitung	61
Luxembourg (1935)	37

**6**

62 results in common

Lists of newspapers, named entities and topics for articles which appear both in A and B.

OPEN IN SEARCH PAGE... (62 RESULTS)

YEARS

1860 1880 1900 1920 1940 1960 1980 2000

8

**NEWSPAPERS**

Luxemburger Wort	16
Die Tat	7
La Liberté	6
Neue Zürcher Zeitung	6
Freiburger Nachrichten	5
D'Unio'n	5
Gazette de Lausanne	4
d'Letzeburger Land	4
Journal de Genève	3
L'Express	2
L'Impartial	2
L'Union	1
Escher Tageblatt	1

Max Mustermann GUEST

**QUERY \*** COLLECTION

Robert Schuman ADD FILTER... robert schuman OPEN IN SEARCH PAGE... (4,575 RESULTS)

YEARS

1860 1880 1900 1920 1940 1960 1980 2000

576

**NEWSPAPERS**

La Liberté	1,009
Luxemburger Wort	703
Die Tat	483
Journal de Genève	435
d'Letzeburger Land	329
Gazette de Lausanne	317
L'Express	279
Freiburger Nachrichten	243
Neue Zürcher Zeitung	242
L'Impartial	195
Le Peuple, La Sentinelle	139
D'Unio'n	54
Escher Tageblatt	53
Obermosel-Zeitung	34
Confédéré	31
<b>L'indépendance luxembourgeoise</b>	<b>8</b>

which topics do you see related to each entity?  
what are the topics of the overlapping articles?

open the results in the search page

V 1.2 . MOD. APRIL 17, 2020 6:16 PM

**7** with the help of the topics, distribute the articles between the correct historical figures

**8** add all relevant articles to a collection dedicated to **Robert Schuman**—the composer and the others to a **Robert Schumann**—the politician collection.

**SAVE / EXPORT >**

Create Collection from Search Results

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Search\* (2 filters, 5 terms)

Newspapers Topics Import & Compare

FAQ Terms of Use Max Mustermann GUEST

SEARCH ARTICLES SEARCH IMAGES NGRAMS

GROUP

11 ar "mus

Robert Schumann AND Robert Schuman

musik · konzert · radio · beromünster

search for ...

results are filtered when:

CONTAINING AT LEAST ONE OF THE FOLLOWING

DE musik · konzert · radio · beromünster · programm(6 results)

DE musik · konzert · orchester · abend · programm(5 results)

DE ausstellung · kunst · künstler · galerie · museum(4 results)

de verlag · buch · band · geschichte · werk (7 results)

de welt · leben · mensch · wort · art (3 results)

de regierung · afp · sowjetunion · reuter · moskau (3 results)

de new · york · spanien · dollar · amerika (2 results)

de antrag · rat · kommission · regierungsrat · stadtrat (2 results)

de wirtschaft · entwicklung · industrie · arbeit · frage (2 results)

de mann · hand · kopf · nacht · gesicht (2 results)

MORE...

programm..." or  
kunst · kün (MORE ...)

COMPARE ...

SAVE / EXPORT

ORDER BY RELEVANCE

DISPLAY AS LIST TILES

Robert Schumann geboren. Zu seinem 160. Geburtstag legen Smoking in jacquard-Karo

Switzerland, Italian language, Boden%2c Sweden, Barcelona,

Robert Schuman

Freiburger Nachrichten SATURDAY, APRIL 8, 1950 p.4

Trotz Ermordung der Schwiegermutter freigesprochen: R.-Sp. Ein 60-jähriger Berliner wurde auf freien Fuß gesetzt, nachdem ein Westberliner Gericht

LOCATIONS Asbury Park%2c New Jersey, Rome, Cambridge, USA, Zürich District, Bern, Zofingen

PEOPLE Tony Galento, Robert Schumann, Robert Schuman, Alvar Aalto

VIEW ADD TO COLLECTION ...

9

10

Now that we have curated the list of articles mistakenly connected to both Robert Schuman(n), we will take a step back and look at the other results from the original queries.

Repeat the query for the Named Entity “**Robert Schuman**” and exclude the curated articles from the result list.

Next, look for the named entities that appear in the result list: do you notice any that seem not to fit?

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Search\* (1 filter, 2 terms)

Newspapers Topics Inspect & Compare

FAQ Terms of Use Max Mustermann GUEST

SEARCH ARTICLES SEARCH IMAGES NGRAMS GROUP BY ARTICLE ORDER BY RELEVANCE DISPLAY AS LIST TILES

Robert Schuman AND National La ▾

Robert sch 🔎

Frontpage EMBEDDINGS ⓘ

PUBLICATION DATE Number of articles per year

% SUM ⓘ

ADD FILTER ...

FILTER BY COLLECTION ... you haven't saved any result item in your collection +

FILTER BY ARTICLE TYPE check one or more article types to filter results +

FILTER BY PERSON ⓘ results are filtered when: RESET

MENTIONING ALL OF THE FOLLOWING

Robert Schuman (4,575 results) 🔎

National Lampoon's Animal House (1,319 results) 🔎

Albert G. Hill (1 result) 🔎

18 articles found mentioning ROBERT SCHUMAN and NATIONAL LAMPOON'S ANIMAL HOUSE

Luxemburger Wort FRIDAY, APRIL 30, 1943 p.4

Ärztdienst in Düdelingen Am Sonntag steht in dringenden Fällen der Arzt, Herr Dr. Robert Schuman, Adolf Hitler-Straße, Fernrufnummer 15-42, der Düdelinger Bevölkerung zu Diensten. Geöffnet ist die Apotheke Emil Faber, die auch den Nachtdienst versieht.

Das Standesamt Düdelingen meldet In der Woche vom 19. bis zum 26. April 1943 wurden auf dem Standesamt Düdelingen folgende Personenstandsfälle beurkundet: Geburten: 2 Knaben; Heiraten: 2; Sterbefälle: 2 weibliche. Die

PEOPLE Robert Schuman, National Lampoon's Animal House

VIEW ADD TO COLLECTION ...

Aerztlicher Sonntagsdienst in Ofidelingen Luxemburger Wort SATURDAY, APRIL 10, 1943 p.4

Aerztlicher Sonntagsdienst in Düdelingen Am morgigen Sonntag steht in dringenden Fällen der Arzt, Herr Dr. Robert Schuman, Adolf Hitler-Straße, Fernrufnummer 15-42, der Düdelinger Bevölkerung zu Diensten. Geöffnet ist die Apotheke Emil Faber, die auch den Nachtdienst versieht.

Abschluß-Veranstaltung des Düdelinger Kunstkreises Als Abschluß der diesjährigen Kunstkreisveranstaltungen findet am Dienstag, 13. April, 20 Uhr, im Saale des Kameradschaftshauses in Düdelingen, eine sinfonische

PEOPLE Robert Schuman, National Lampoon's Animal House

VIEW ADD TO COLLECTION ...

Sonntagsdienst in Düdelingen Luxemburger Wort SATURDAY, MARCH 27, 1943 p.4

schmerzliche Krankheit hatte Krankenlager gefesselt. Ged ohne Klage ertrug sie ihre I Gevatter Tod sie in ein bes Seite abrief Frau Schneider

11

do you see any odd names that do not fit?  
what about the national lampoon's animal house?  
select this entity as an additional filter (filter by person, mentioning ALL of the following)

who is the Robert Schuman mentioned in that context? what is his job? are the articles referring to the politician? if yes, let's continue with him! if not, exclude this entity from the search.

what are we looking at now? What do these 18 articles contain?

The screenshot shows a search interface with a sidebar on the left containing 'MS', 'GROUP', and a search bar with placeholder text 'Schuman'. The main area has tabs for 'Newspapers', 'Topics', and 'Inspect & Compare'. A yellow circle with the number '12' is overlaid on the top right. The 'TOPICS' tab is active, showing a list of entities and their result counts:

- Robert Schumann (7,448 results)
- Franz Schubert (540 results)
- Ludwig van Beethoven (459 results)
- Richard Strauss (437 results)
- Johannes Brahms (419 results)
- Johann Sebastian Bach (320 results)
- Franz Liszt (315 results)
- Maurice Ravel (307 results)
- Richard Wagner (294 results)
- Wolfgang Amadeus Mozart (292 results)

Below the list are navigation buttons for pages 1 through 4, followed by '...', '>', and '>>'. At the bottom is a 'CLOSE' button.

Repeat the same exercice with the query for the named entity [Robert Schumann](#).

Curate the result list with the means of excluding non relevant named entities.

(Bonus: for instance, where do [Gérard Depardieu](#) and [Robert Schumann](#) appear together and why?)

Next, we will narrow down the result list with the help of **TOPICS**.

The screenshot shows a dropdown menu titled 'Robert Schumann' with a search bar below it. The 'FILTER BY TOPIC' section contains a list of topics with their counts:

- fr musique · concert · piano · orchestre · programme (1,853 results)
- fr musique · concert · suisse · monde · danse (1,599 results)
- de musik · konzert · radio · beromünster · programm (1,426 results)
- de musik · konzert · orchester · abend · programm (975 results)
- fr soir · matin · midi · nuit · journal (743 results)
- fr journal · monde · vie · direct · série (657 results)
- de tagesschau · sport · bild · les · deutschland (574 results)
- fr vie · monde · auteur · foi · sen (490 results)
- de theater · oper · sonntag · samstag · stadttheater (489 results)
- fr film · cinéma · semaine · jean · john (485 results)

At the bottom of the list is a 'MORE...' button.

look at the topics: which could be indicative of concert programs on the radio?

(you can also filter by language, to focus either on **GERMAN** or **FRENCH** to continue)

explore the topics and select the most relevant one to find radio programs containing announces of Robert Schumann concerts, select the topic and create a collection based on that query

The screenshot shows the Impresso search interface with the following elements:

- Header: FAQ, Terms of Use, Max Mustermann GUEST.
- Search bar: Robert Schumann.
- Filter: ORDER BY RELEVANCE, DISPLAY AS LIST (selected), TILES.
- Buttons: COMPARE ..., SAVE / EXPORT, CREATE COLLECTION FROM SEARCH RESULTS, EXPORT RESULT LIST AS CSV.
- Text: matins et revue de presse. g h, in

13

final step of the challenge: export the curate collection of radio programs announcing concerts with Robert Schumann's music, as csv file

open the zip file and extract the csv file.

Import the csv file in your preferred spreadsheet software, with the parameters of **UTF-8** for the content and set **SEMICOLON** as separator

The screenshot shows the Impresso interface with the following elements:

- Header: FAQ, Terms of Use, Max Mustermann GUEST.
- Section: export search results as csv
  - FEB 28, 2020, 10:28 (#4838) DOWNLOAD CSV
  - saved in Robert Schumann- radio; mentioning Robert Schumann
  - DONE — 100 %
- Section: Saving items in your collection
  - FEB 25, 2020, 16:44 (#4834) REMOVE
  - Robert Schumann- radio with topic "soir · matin · midi · nuit · journal..."; mentioning Robert Schumann
  - DONE — 100 %
- Section: Saving items in your collection
  - FEB 25, 2020, 16:35 (#4833) REMOVE
  - Robert Schuman mentioning Robert Schuman; not mentioning National Lampoon's Animal House

EXP-1982-11-1fr	ft I RAI	368	CH	EXP	EXP-19	24	1	0.0	1982	FALSE	1982-11-13T00:00:00Z	Luc Du Lausan ft I RAI OpenP
EXP-1982-11-1fr	RADIO	632	CH	EXP	EXP-19	29	1	0.0	1982	FALSE	1982-11-13T00:00:00Z	Philipp Lausan RADIO OpenP
EXP-1982-11-1fr		1819	CH	EXP	EXP-19	29	1	0.0	1982	FALSE	1982-11-24T00:00:00Z	Pierre SUISSE c ove r OpenP
EXP-1976-01-1fr	RADIO	397	CH	EXP	EXP-19	13	1	0.0	1976	FALSE	1976-01-05T00:00:00Z	R. Schumann  RADIO OpenP
EXP-1979-08-1fr	RADIO	476	CH	EXP	EXP-19	11	1	0.0	1979	FALSE	1979-08-04T00:00:00Z	Albert Avigno RADIO OpenP
EXP-1955-09-1fr	Un «pé	771	CH	EXP	EXP-19	9	1	0.0	1955	FALSE	1955-09-13T00:00:00Z	M. Edg Rabat  Un « p OpenP
EXP-1989-11-1fr		225	CH	EXP	EXP-19	43	1	0.0	1989	FALSE	1989-11-23T00:00:00Z	premie INDE S INDE - OpenP
EXP-1987-08-1fr	; NU	393	CH	EXP	EXP-19	25	1	0.0	1987	FALSE	1987-08-15T00:00:00Z	Robert Zurich  ; NUI OpenP
EXP-1987-08-1fr	RADIO	387	CH	EXP	EXP-19	23	1	0.0	1987	FALSE	1987-08-19T00:00:00Z	Robert Zurich  RADIO OpenP
EXP-1980-04-1fr	RADIO	492	CH	EXP	EXP-19	25	1	0.0	1980	FALSE	1980-04-12T00:00:00Z	Robert Schum  RADIO OpenP
EXP-1980-05-1fr		1601	CH	EXP	EXP-19	21	1	0.0	1980	FALSE	1980-05-19T00:00:00Z	C. Paql Suisse AVEC L OpenP
EXP-1972-02-1fr		772	CH	EXP	EXP-19	23	1	0.0	1972	FALSE	1972-02-19T00:00:00Z	Isabelli Suisse Samed OpenP
EXP-1903-11-1fr		204	CH	EXP	EXP-19	2	1	0.0	1903	FALSE	1903-11-24T00:00:00Z	Nina FALIERO Grand OpenP
EXP-1879-02-1fr	DIXIEN	354	CH	EXP	EXP-18	4	1	0.0	1879	FALSE	1879-02-13T00:00:00Z	TEMPL Bâle  E DIXIEN OpenP
EXP-1973-11-1fr	il^] [C	805	CH	EXP	EXP-19	29	1	0.0	1973	FALSE	1973-11-03T00:00:00Z	J. Greg Suisse il^] [ OpenP

and now, you can use the metadata to create your timeline

## CRITICAL USAGE UNLOCKED!

You have learned to use the features with caution:

- ✓ Named entities are useful to collect relevant articles at the same time, we have to keep in mind that they result from an automated process that has been validated
- ✓ Other automated annotations (other named entities, topics) can help to validate one another: they function as indications rather than evidence
- ✓ Named entities and topics as well as metadata can be used to create an overview and detect potentially relevant or irrelevant results
- ✓ We can store the curated results in collections

**NEXT CHALLENGE:** transpose historical research questions via the interface's features.

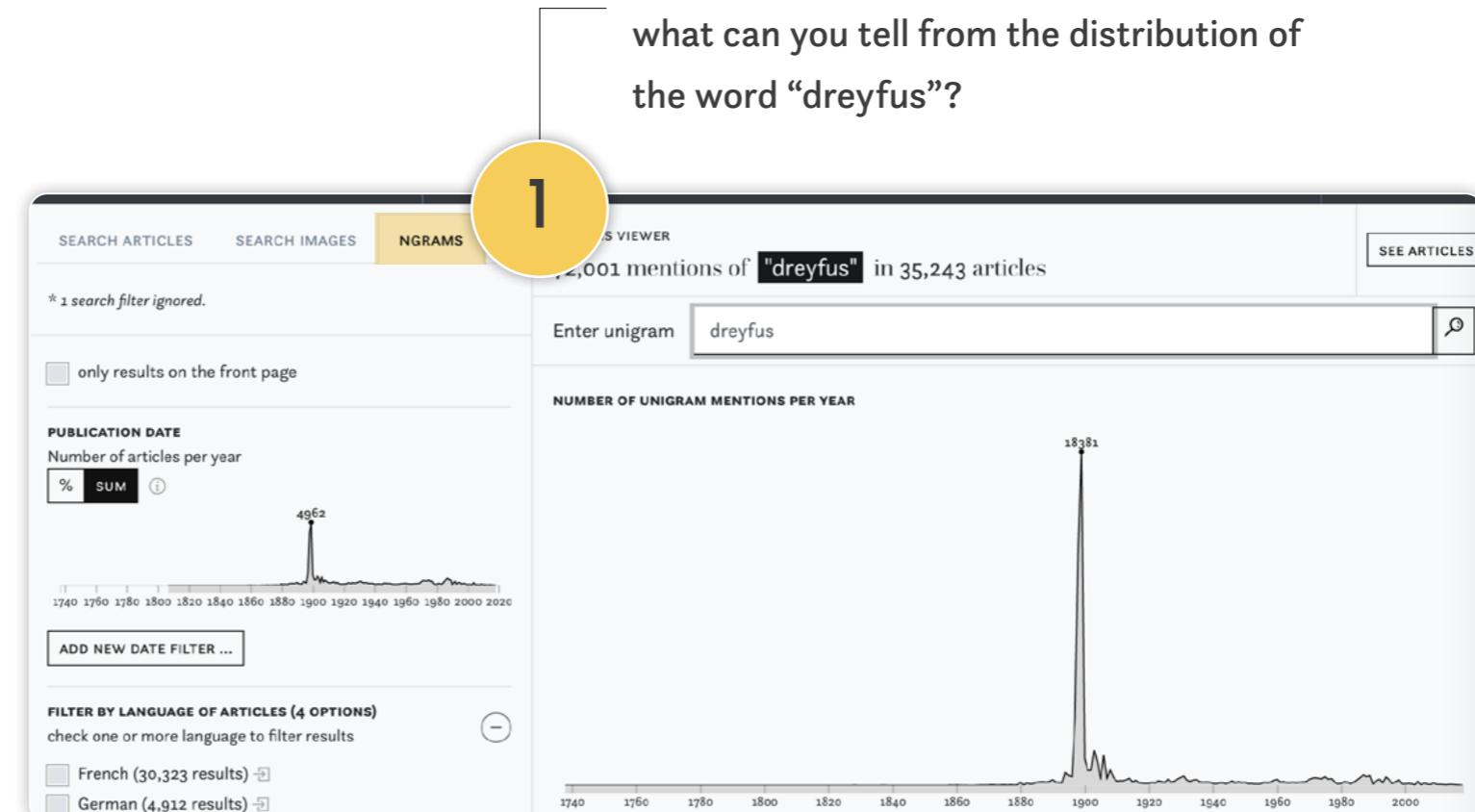
# 03 | RECONSTRUCT THE MEDIA COVERAGE OF AN EVENT IN DIGITISED NEWSPAPERS: THE DREYFUS TRIAL.

In this challenge, we propose to combine the features that have been presented earlier to you, in a critical use, to try and analyse the Swiss and Luxembourgish coverage of the Dreyfus affair.

**3.1/ How to find articles dealing with the Dreyfus affair? In other words, how much is the word “dreyfus” synonymous with the Dreyfus affair?**

**GOAL** identify articles dealing with the Dreyfus trial and revision.

Start with the **NGRAM** page:  
what can you tell from the distribution of the word “dreyfus”?

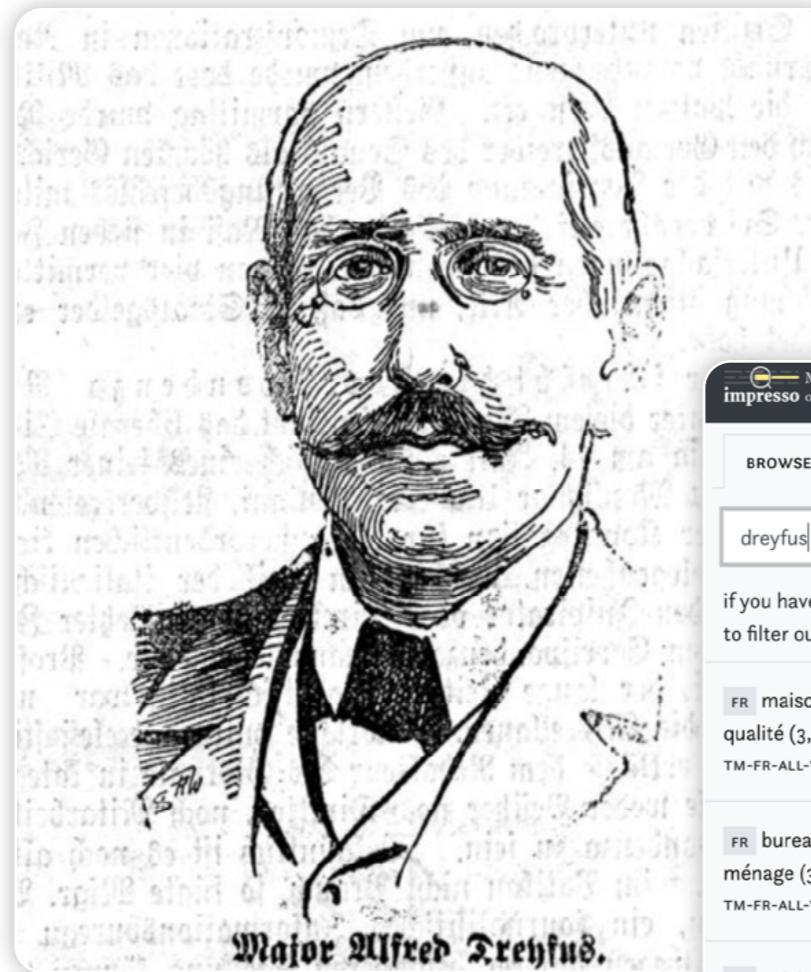


The screenshot shows the impresso interface with the following elements:

- Top Bar:** Media Monitoring, impresso of the Past, Search\* (4 ...)
- Search Bar:** SEARCH ARTICLES (disabled), SEARCH IMAGES (highlighted in yellow).
- Text Below Bar:** \* 1 search filter ignored.
- Result Preview:** A black and white portrait of Alfred Dreyfus, a man with a mustache and glasses, wearing a suit. Below the portrait is the text "Major Alfred Dreyfus."

2

Apply the same query in the IMAGE SEARCH: what can you tell from the information associated with the word “dreyfus”?



The screenshot shows the impresso Topics page with the following elements:

- Top Bar:** Media Monitoring, impresso of the Past, Search\* (3 ...), Newspapers, Topics, Inspect & Co..., Text reuse, FAQ, Terms of Use, Max Mustermann GUEST.
- Search Bar:** BROWSE 300 TOPICS, 0 VISUALIZED, dreyfus.
- Text Below Bar:** if you have a search filter, you can use this one to filter out stuff;
- Results:**
  - FR maison · vente · choix · magasin · qualité (3,156,233 articles)
  - FR bureau · place · suite · famille · ménage (3,076,240 articles)
  - FR cuisine · salle · appartement · confort · parc (2,819,261 articles)
  - FR mois · numéro · carte · adresse · poste (2,406,064 articles)
  - FR état · lit · bureau · table · bois
- Filter Options:** EXPLORE THE LIST OF TOPICS, COLORED BY LANGUAGE, CONNECTED SHARE AT LEAST ONE ARTICLE, SIZE BY NUMBER OF ARTICLES, ZOOM & PAN, RESET.

3

Go now to the TOPIC PAGE: search for “dreyfus” again: what is the result and why?

Now go to the search page, search again for “dreyfus”: what is the outcome? What are the **TOPICS** connected to that word?

What are the **ARTICLE TYPES** that may not be relevant to find articles dealing with the Dreyfus affair?

What are the **LOCATIONS** that could be relevant to find articles dealing with the Dreyfus affair?

SEARCH ARTICLES SEARCH IMAGES NGRAMS

GROUP BY ARTICLE ORDER BY RELEVANCE DISPLAY AS LIST TILES

35,243 articles found containing **dreyfus**

**Die Dreyfus-Affäre.**  
Bürger- und Beamten-Zeitung THURSDAY, JUNE 22, 1899 – p.2

Die Akten über Dreyfus sind in Rennes eingetroffen und werden in einem von einem Pfandhouse gemieteten G.ldschranc aufbewahrt. Der Saal, in dem die Verhandlungen stattfinden werden, grenzt an das Militärgefangnis; durch die Mauer wird eine Zelle gekrochen werden, damit Dreyfus zur Vernehmung nicht die Straße zu betreten braucht. Eine Anzahl Polizisten ist am Dienstag hier eingetroffen. Dreyfus wird Ende der Woche erwartet. Eine Zelle steht bereit. Die Zusammensetzung des Kriegsgerichts ist nicht bekannt. In der Stadt herrscht Ruhe. Ferner wird dem „Journal“ aus Rennes gemeldet: Die bevorstehende Ankunft Dreyfus' hat einen ungeheuren Fremdenzufluss veranlaßt. Alle Gasthäuser sind überfüllt. Es wurden umfassende Maßregeln getroffen, um Ausgebungen zu verhindern. Dem „Figaro“ wird aus Brest berichtet, Dreyfus werde wahrscheinlich in St. Malo gelandet werden.

**LOCATIONS** Rennes, Brest, France

Die **Dreyfus**-Affäre. Die Akten über **Dreyfus** sind in Rennes eingetroffen werden, damit **Dreyfus** zur Vernehmung nicht die Straße zu betreten braucht. Eine Anzahl Polizisten ist am Dienstag hier eingetroffen. **Dreyfus** wird Ende der Woche erwartet. Seine Zelle steht bereit. Die Zusammensetzung : Die bevorstehende Ankunft **Dreyfus** hat einen ungeheuren Fremdenzufluss veranlaßt. Alle Gasthäuser sind überfüllt berichtet, **Dreyfus** werde wahrscheinlich in St. Malo gelandet werden.

Dreyfus-TM in Rennes

SEARCH ARTICLES SEARCH IMAGES NGRAMS

≡ "dreyfus" ▾

dreyfus

Frontpage FIND SIMILAR WORDS ⓘ

PUBLICATION DATE

Number of articles per year

% SUM ⓘ

4962

1740 1760 1780 1800 1820 1840 1860 1880 1900 1920 1940 1960 1980 2000 2020

ADD NEW DATE FILTER ...

FILTER BY ARTICLE TYPE (6 OPTIONS)

check one or more article types to filter results

article (28,664 results) ↗

advertisement (6,580 results) ↗

5

Create a collection of articles containing “dreyfus” in their **TITLES**, that are **NOT ADVERTISEMENTS** and that contain the **LOCATION “Rennes”**.

What do you notice? Which topics and persons appear in the result list?

The screenshot shows the Impresso search interface with the following parameters:

- SEARCH ARTICLES**
- SEARCH IMAGES**
- NGRAMS**
- GROUP BY ARTICLE**
- ORDER BY RELEVANCE**
- DISPLAY AS LIST**

Search filters include:

- Dreyfus in title-affaire in content
- Rennes
- dreyfus
- Frontpage
- FIND SIMILAR WORDS
- PUBLICATION DATE: Number of articles per year (SUM selected)
- ADD NEW DATE FILTER
- FILTER BY ARTICLE TYPE (1 OPTION): article (154 results)
- FILTER BY COLLECTION (6 OPTIONS): results are filtered when

The results summary is: 154 articles found saved in **Dreyfus in title-affaire in content**; mentioning **RENNES**. The results are displayed in two sections:

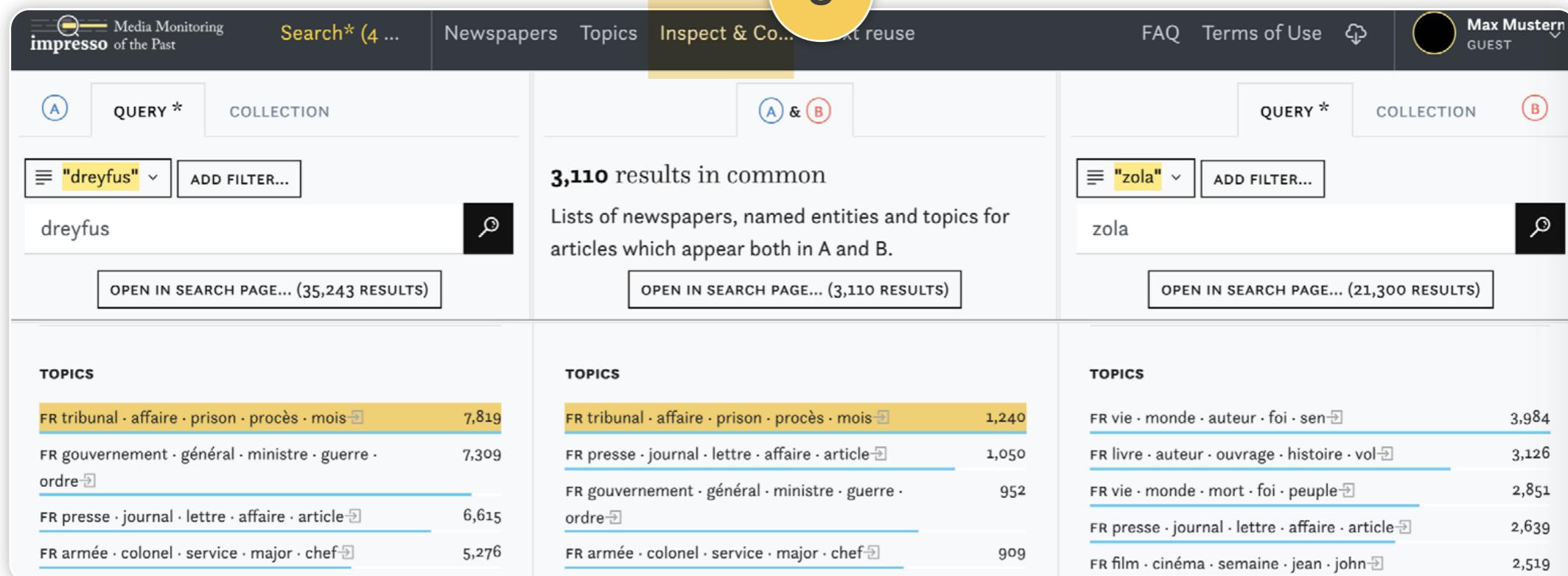
- L'AFFAIRE DREYFUS**  
L'Express FRIDAY, DECEMBER 11, 1959 – p.8  
Le sujet commercial de l'année connaît aujourd'hui par M. Henri GUILLEMIN Dans la brillante conférence qu'il a donnée mercredi soir...  
**LOCATIONS** French cruiser Algérie, Rennes  
**PEOPLE** Hubert-Joseph Henry  
**Dreyfus in title-affaire in content**  
**VIEW** **ADD TO COLLECTION ...**
- L'AFFAIRE DREYFUS**  
L'Express FRIDAY, AUGUST 2, 1907 – p.3  
Elle renait sous une forme heureusement atténuée et, cette fois, elle met face à face dreyfusards contre dreyfusards. Voici à...  
**LOCATIONS** Vincennes, Rennes, Paris  
**Dreyfus in title-affaire in content**

### 3.2/ Which are the most relevant persons mentioned with Alfred Dreyfus?

How often were Emile Zola and Alfred Dreyfus co-mentioned in the press?

When was Zola mentioned first in the press, as available in the impresso corpus? When was he mentioned the most? When was he mentioned first in the context of the Dreyfus affair?

go to the **INSPECT AND COMPARE** page and compare the coverage of the words “dreyfus” and “zola”



what can you say about the **TOPICS** related to each word?

7

do the same with the named entities [Alfred Dreyfus](#) and [Emile Zola](#)

The image shows three separate search interfaces, labeled A, B, and C, each with a query bar, filter options, and a search button. Interface A (left) has the query "Alfred Dreyfus" and shows results for "drey". Interface B (middle) has the query "Alfred Dreyfus" and "Emile Zola" combined with the operator "&". It displays "107 results in common" and lists topics shared by both queries. Interface C (right) has the query "Emile Zola" and shows results for "zola".

A		B		C	
QUERY *	COLLECTION	QUERY *	COLLECTION	QUERY *	COLLECTION
<a href="#">≡ "Alfred Dreyfus"</a>	<a href="#">ADD FILTER...</a>	<a href="#">≡ "Alfred Dreyfus" &amp; "Emile Zola"</a>	<a href="#">ADD FILTER...</a>	<a href="#">≡ "Emile Zola"</a>	<a href="#">ADD FILTER...</a>
drey		zola			
<a href="#">OPEN IN SEARCH PAGE... (1,097 RESULTS)</a>		<a href="#">OPEN IN SEARCH PAGE... (107 RESULTS)</a>		<a href="#">OPEN IN SEARCH PAGE... (5,945 RESULTS)</a>	
<b>TOPICS</b>		<b>TOPICS</b>		<b>TOPICS</b>	
FR tribunal · affaire · prison · procès · mois	450	FR tribunal · affaire · prison · procès · mois	44	FR film · cinéma · semaine · jean · john	978
FR presse · journal · lettre · affaire · article	371	FR presse · journal · lettre · affaire · article	39	FR vie · monde · auteur · foi · sen	972
FR armée · colonel · service · major · chef	365	FR armée · colonel · service · major · chef	36	FR livre · auteur · ouvrage · histoire · vol	859
FR gouvernement · général · ministre · guerre · ordre	338	FR gouvernement · général · ministre · guerre · ordre	26	FR vie · monde · mort · foi · peuple	771
FR vie · monde · mort · foi · peuple	213	FR vie · monde · mort · foi · peuple	25	FR presse · journal · lettre · affaire · article	687
FR conseil · commission · projet · loi · rapport	197	FR vie · monde · auteur · foi · sen	18	FR scène · théâtre · spectacle · pièce · public	667
DE regierung · paris · frankreich · minister · kammer	164	FR président · fête · ville · lieu · discours	17	FR tribunal · affaire · prison · procès · mois	573
FR président · fête · ville · lieu · discours	152	FR fille · main · voix · foi · temps	15	FR gouvernement · général · ministre · guerre · ordre	547
FR président · ministre · gouvernement · général · chef	152	FR livre · auteur · ouvrage · histoire · vol	15	FR fille · main · voix · foi · temps	538
FR question · point · pays · conseil ·	149	FR président · ministre · gouvernement · général · chef	14	FR président · fête · ville · lieu · discours	521

look at the articles which contain both named entities: how many are actually covering the affair?

## DIGITAL HUMANIST LEVEL UNLOCKED!

You know now how to use Natural Language Processing and visualisations to query and analyse digitised historical material:

- ✓ You learned how to interpret a peak in frequencies:  
how to differentiate keyword hits from the news coverage of an event (Dreyfus as a string of character vs. the Dreyfus Affair)
- ✓ You learned how the topic models were computed,  
what they entail and what not (nouns vs. names)
- ✓ You learned how to use historical information to find relevant articles (location of an event, persons related to specific dimension of an event)

**CONGRATULATIONS!** you are now an expert user of digitised newspapers interfaces!