

Voyant



Northeastern University
NULab for Texts, Maps, and Networks

*Feel free to ask questions at any point
during the presentation!*

Voyant: <https://voyant-tools.org/>

Voyant makes it possible to perform analyses on one or multiple files in many ways, including word counts, nGrams (n=number of words), word frequency distributions, word trends across documents, and concordances. It also makes nice visualizations!

Click “Upload” and choose all the texts you want to analyze.



VOYANT

see through your text

Add Texts

Type in one or more URLs on separate lines or paste in a full text.

Open Upload

Reveal

Click on Upload and navigate to the folder with the text documents you wish to analyze.

Alternatively, insert URLs or full text into the textbox.

Click here for help and advanced options



Results:

From a corpus of political party platforms you can see the default results page with multiple panes:

- A word cloud
- Reader section
- Trends
- Document Summary
- Word Contexts

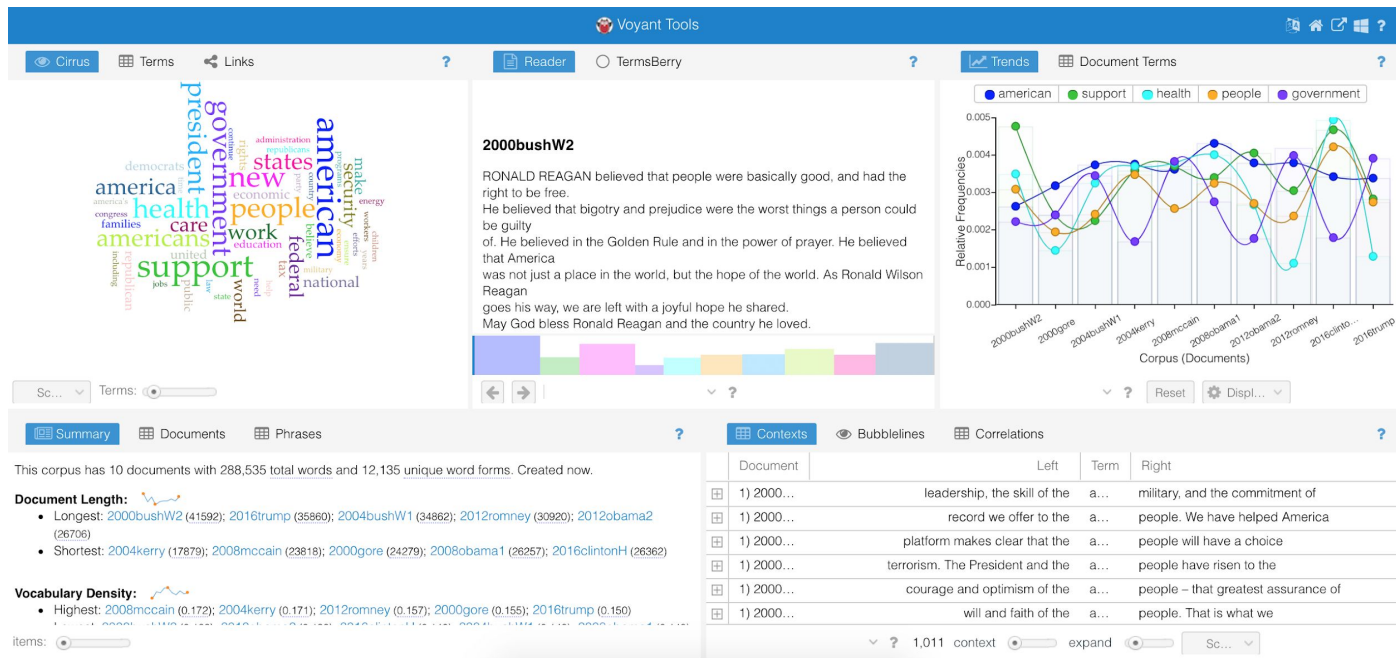
These boxes can all be changed!

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Voyant: Contexts (concordances)

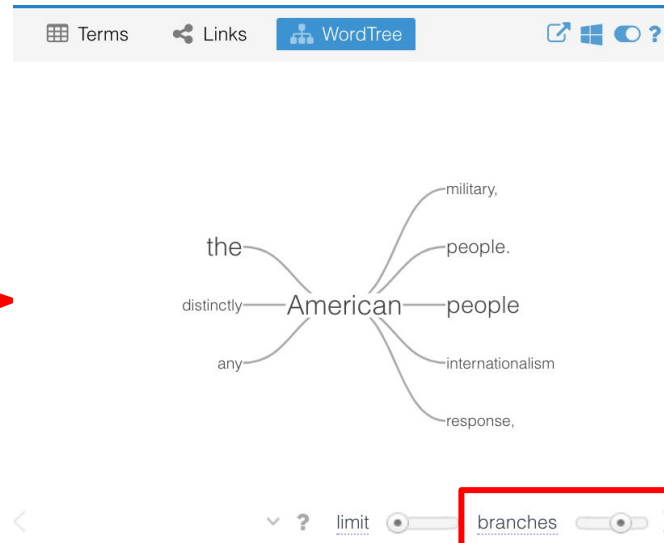
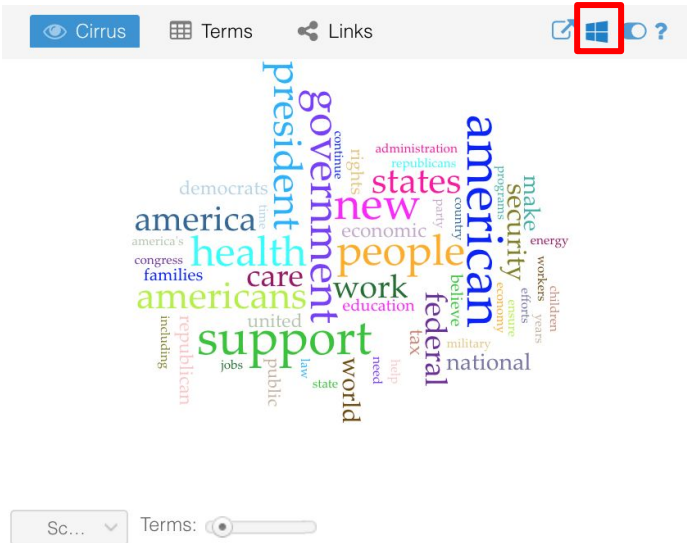
Contexts, or concordances, show the different contexts around particular search terms. For example, you can see all the times the word “president” appears in the corpus, the documents it appears in, and the contexts in which it appears.

<div>Contexts</div> <div>Bubblelines</div> <div>Correlations</div> <div>?</div>				
	Document	Left	Term	Right
+	1) 1990-...	you and to the American	people	about the state of the
+	1) 1990-...	or oppression for millions of	people	around the world. Nineteen forty
+	1) 1990-...	year -- one year ago, the	people	of Panama lived in fear
+	1) 1990-...	held hopes of the Americ...	people	; events that validate the long...
+	1) 1990-...	alive in the minds of	people	everywhere. As this new world
+	1) 1990-...	know this about the Ame...	people	: We welcome competition. W...
+	1) 1990-...	of the Congress: The Am...	people	did not send us here



Voyant: Changing displayed results

Select the panes button and choose a new option from the dropdown menu



For our new pane option, we have chosen the WordTree visualization from the 'visualization tools' dropdown sub-menu. You can select the number of "branches" by dragging the scroll button at the bottom.



Your Turn!

Using the corpus you prepared for today—the three articles from your field—begin practicing web-browser text analysis

- Follow the “How to Build a Corpus” steps to create your corpus
- Prep your corpus using Lexos. Which preparation steps did you choose and why?
 - See what happens if you keep the stopwords. What are some of the most-used verbs and pronouns?
- Explore different Lexos features.
- Explore different Voyant features.

Slides, handout, and data: <https://bit.ly/diti-fall2020-cilke>

