

# Web-Based Tools for Text Analysis and Exploration

Click to schedule a meeting with the DITI Team

### Tools for Uploading/Pasting & Analyzing Texts

- Word Counter: This is a user-friendly basic word counting tool; it allows you to count single words, bigrams, and trigrams in plain text files and to download spreadsheets with your results. The max file upload is 10MB. <u>Click here to navigate to Word Counter</u>
- Same Diff: With this tool, you can upload two files to see which words appear in both, as well as which words are unique to each file; you can download spreadsheets with the counts for each text. Max file upload is 10MB. Click here to navigate to Same Diff
- Word Trees: This is a good way to see patterns in word usage, based on words that
  appear before and after a term or terms of interest. There are some restrictions in size;
  fewer than 1 million words should work, but loading that much text in might be slow.
  Click here to navigate to Word Trees
- Lexos: This is a tool for preparing and analyzing digital texts; it offers several options for text preparation, and a wide range of different analytical possibilities. Importantly, Lexos also preserves all the changes that are made to a text, so that any results can be reproduced. Click here to navigate to Lexos
- Drag-and-Drop Sentiment Analysis: This is an exploratory tool that lets you see the top
  negative and positive words, as well as common bigrams and trigrams. <u>Click here to
  navigate to Drag-and-Drop Sentiment Analysis</u>. For more on how sentiment analysis
  works, <u>click here to navigate to a lesson on sentiment analysis</u>
- **Plot Mapper:** This is an experimental tool for exploring the shapes of plots. <u>Click here to</u> navigate to Plot Mapper
- Voyant: This suite of tools gives you counts of words and lets you compare patterns in
  word locations and frequencies, or examine keywords in context, along with a few other
  options. Voyant will let you upload larger files than most other interfaces (up to as many
  as 4 million words, though it may take more than one try to successfully upload very
  large files). Click here to navigate to Voyant

## **Digital Integration Teaching Initiative**



#### Additional Tools and Resources

- **Serendip**: This is a tool that supports topic modeling, which is a method that uses machine learning to discover "topics," or sets of related terms, in collections of texts. Click here to navigate to Serendip
- Women Writers Vector Toolkit: This is a resource developed by the <u>Women Writers</u>
   <u>Project</u> that lets you explore word embedding models, which are a machine-learning based method for discovering relationships between words in large collections of texts.

   Click here to navigate to the Women Writers Vector Toolkit
- NULab for Digital Humanities and Computational Social Science Resources: This page contains a wide range of resources and datasets. <u>Click here to navigate to the NULab's</u> <u>resources page</u>
- Programming Historian: This site includes many different tutorials for a broad range of methods of digital analysis; it is not exclusively focused on history and includes materials that are useful for literary studies as well. <u>Click here to navigate to Programming</u> <u>Historian</u>

### Northeastern-specific resources

The resources below are available through the Northeastern University Library.

- Constellate: This is a platform for learning and performing text analysis, with both code
  notebooks and a web-based interface. A <u>free JSTOR account</u> is needed for Northeastern
  users to log in to Constellate. To access Constellate, <u>Click here for the Library's list of
  databases</u> and log in with your Northeastern credentials. <u>Click here to navigate to
  Constellate</u>
- ProQuest TDM Studio: This resource provides both web-based and code-based options for exploring textual analyses with ProQuest datasets. To get started, <u>create an account</u> with your Northeastern email. Click here to navigate to <u>ProQuest TDM Studio</u>
- **Library guides**: The Library also offers guides and links to resources for text analysis; click here for a guide to getting started, and click here for a guide on vendor policies.