**MODULE 5** Visualizing Textual Data: An Introduction

**KEY TOOLS/PLATFORMS**

**HathiTrust + Bookworm**

A tool that visualizes word frequencies over time in the HathiTrust Digital Library. It can be accessed at: <https://bookworm.htrc.illinois.edu/develop>.

**ACTIVITY: Which visualization technique?** ☞ ***Slide M5 – 14***

*Match the type of use to type of visualization:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Visualization** | **What would it be good for?** |  | **Uses** |
| Word cloud | **Topical density** | *Change over time*  *Spatial*  *Topical density*  *Relationships*  *Word distribution* |
| Trees or hierarchies | **Word distribution** |
| Networks | **Relationships** |
| Timeline | **Change over time** |
| Map | **Spatial** |
| Bubble chart | **Change over time** |
| Heat map | **Topical density** |

**Bonus**: *what kinds of variables (i.e. data points) you would need for each visualization?*

**ACTIVITY: Visualize word trends** ☞ ***Slide M5 - 26***

*Use the HT+BW tool at:* [*https://bookworm.htrc.illinois.edu/develop*](https://bookworm.htrc.illinois.edu/develop) *to visualize political concepts*

* As examples, you could try: fascism, socialism, nationalism, or internationalism.
* Experiment with the settings and faceting.
* Get creative!