

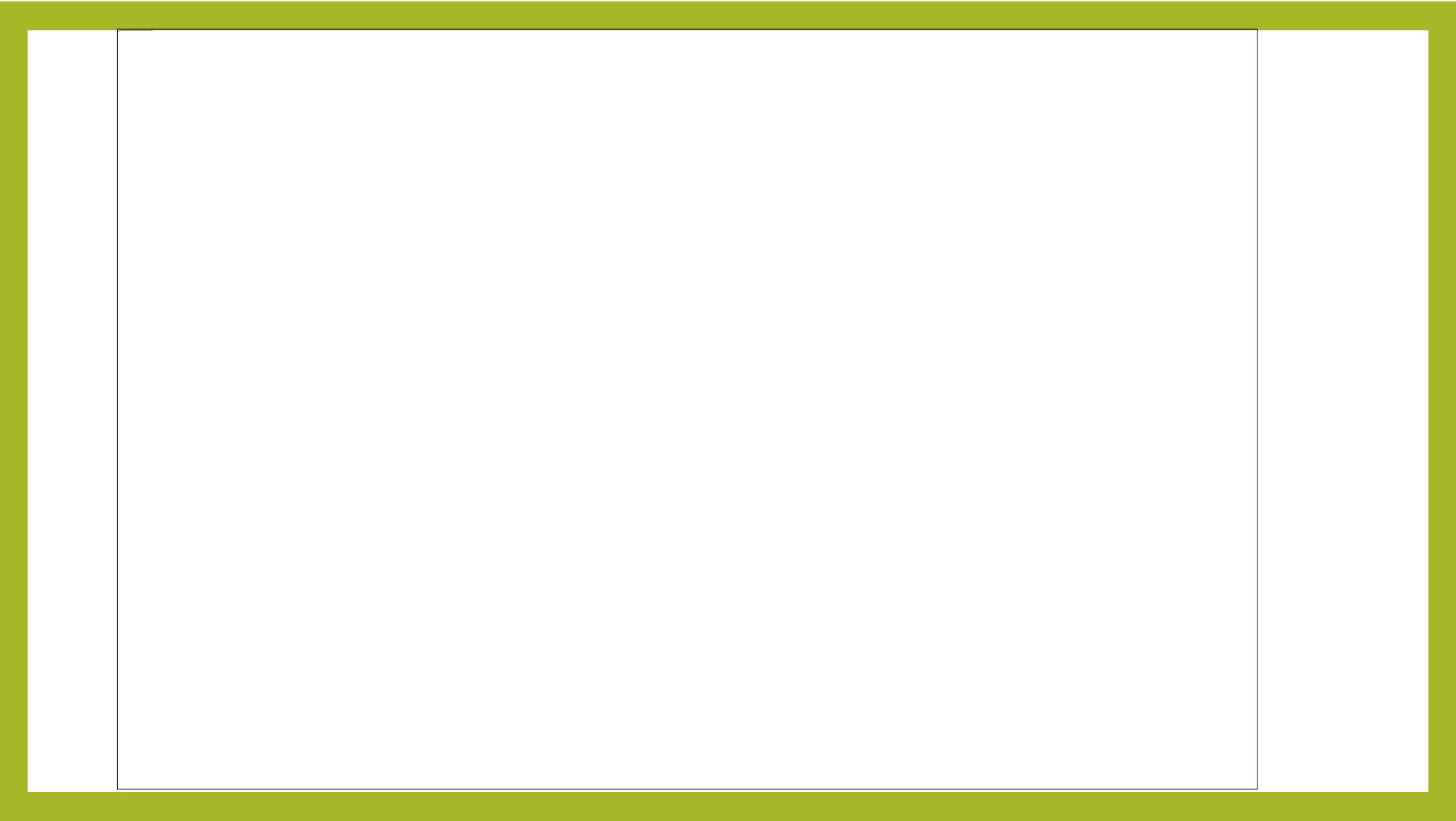
QUANTITATIVE REASONING IN THE HUMANITIES

Mark Thompson, Director of the Career &
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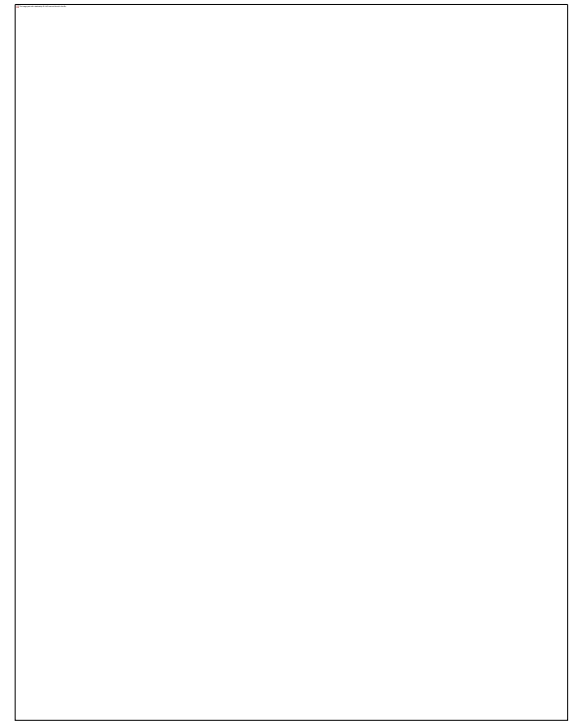
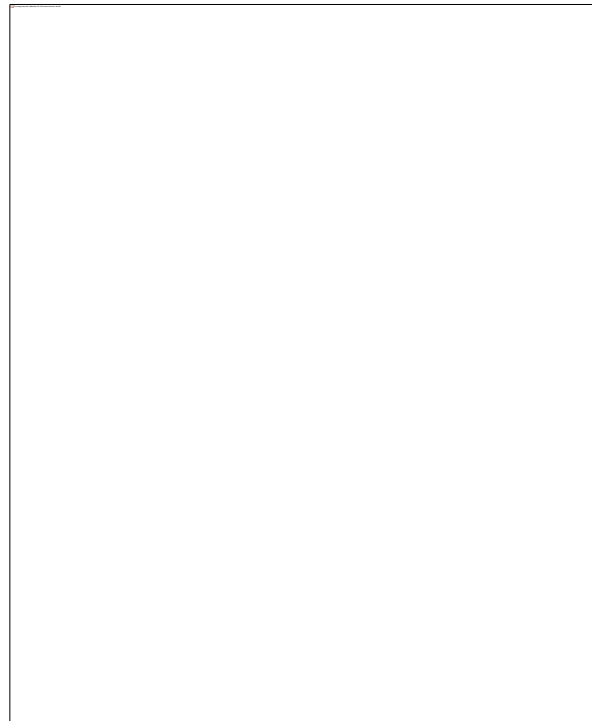
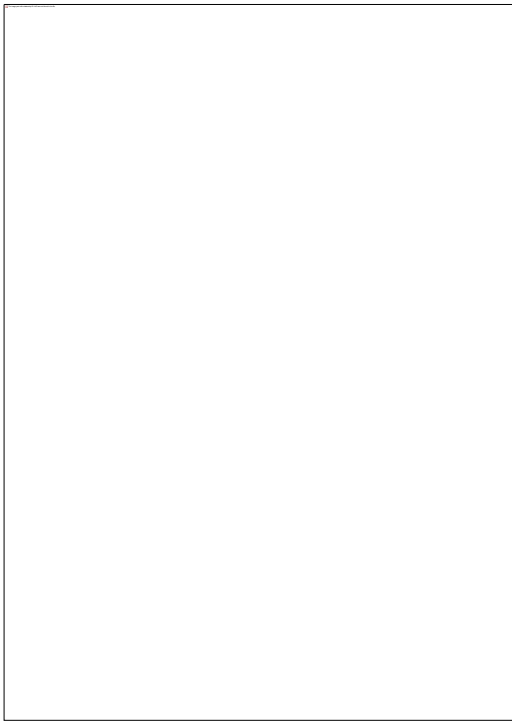
Digital Tool: DocuScope

- Developed by rhetoric professors David Kaufer & Suguru Ishizaki at Carnegie Mellon University
- Question: Can we see things by compiling documents that we can't see when we read slowly and linearly?
- **Stage 1:** Data visualization for composition instructors
- **Stage 2:** Research tool for any set of texts
- **Stage 3:** Research tools made available for students

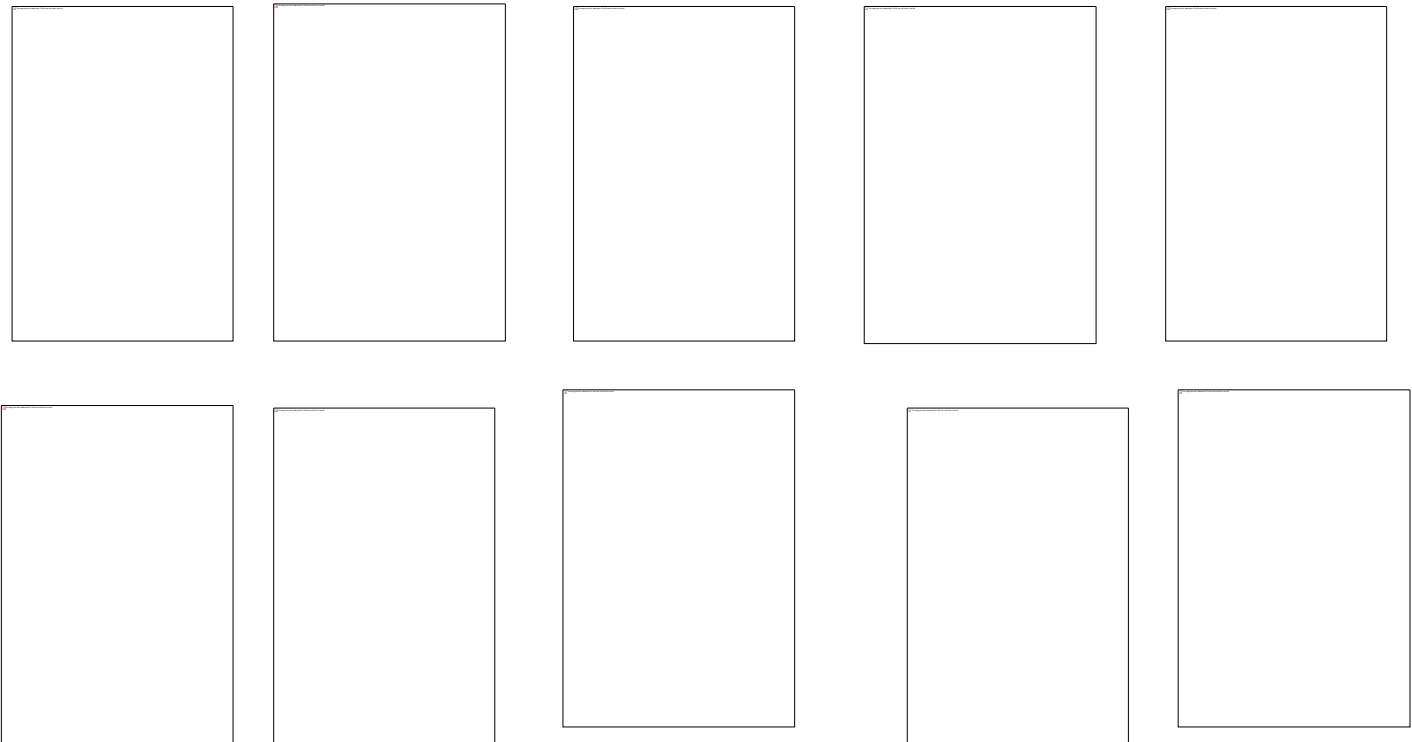
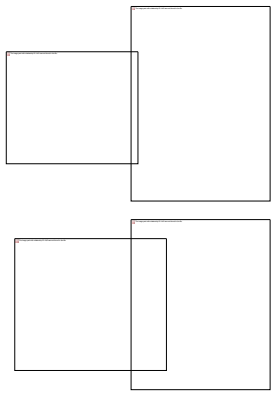




Federalist Papers, written by “Pluribus”



Probable Authorship



Stage 3: Student Use of Tools

Assignment: Find a corpus, apply digital tools, write a paper explaining your process, what you found out, and what perspective the tool gave you that simple reading might not have.

- **Corpus:** 60 speeches, editorials, and “educational” articles about “Communist Propaganda”
- **Tools:** Synonym Indexing/Metaphor Analysis

Results

R1: Fire, flame, flames, burn, burning, incendiary, bombs, bombings

R2: Crime, criminal, murder, thief, thieving, law, illegal,

R3: Sick, sickness, disease, dying, plague, rats,

R4: Containment, perimeter, container, border,

R5: Waves, wave, water, drown,

Results

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Question #1: Was there an attempt to depict communist speech as not political speech, but a criminal act?

Question #2: Why? Does that bring it outside of 1st Amendment protection?

Question #3: Where else do we see things like this?

Whitmore: Shakespearean Analysis

