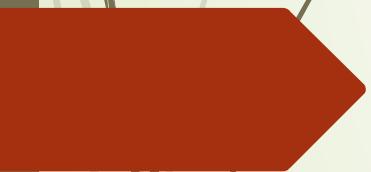




# Final Year Project

## Marson's Memory



Conor Kelleher  
13395381

Supervisor: Mark Keane

# Distant Reading

How and why?

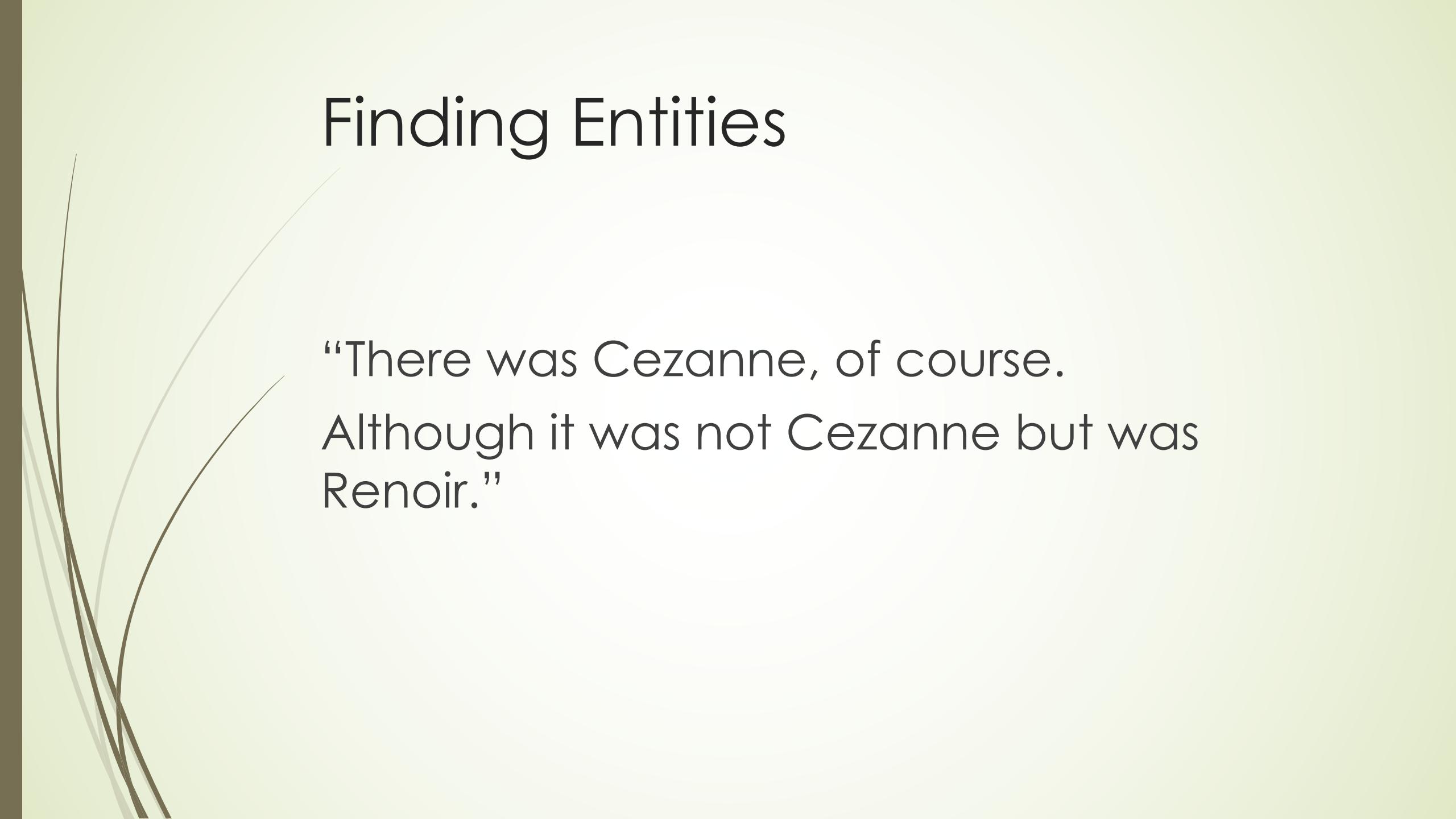
# Wittgenstein's Mistress

In the beginning,  
sometimes I left  
messages in the  
street.

David Markson

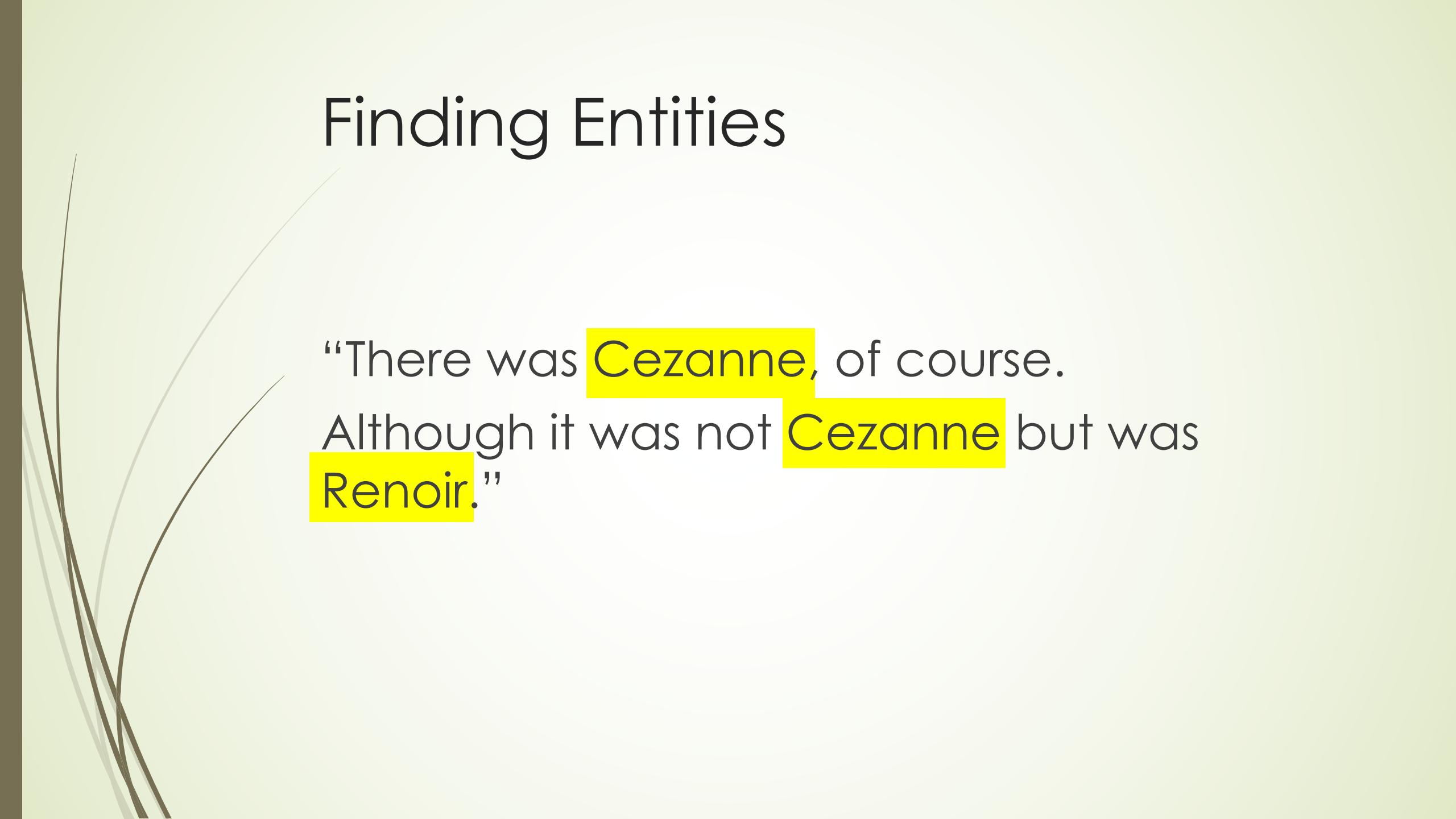
"As precise and dazzling as Joyce . . .  
Original, beautiful, and an absolute masterpiece."  
—Ann Beattie  
Copyrighted material

# Finding Entities



“There was Cezanne, of course.  
Although it was not Cezanne but was  
Renoir.”

# Finding Entities



“There was Cezanne, of course.  
Although it was not Cezanne but was  
Renoir.”

Repetition is the mother of all learning.

Repetition is the mother of all learning

Repetition is the mother of all learning.  
Repetition is the mother of all learning.

“Any idea, plan, or purpose may be placed in the  
mind through repetition of thought.”  
– Napoleon Hill

# Same-paragraph mentions

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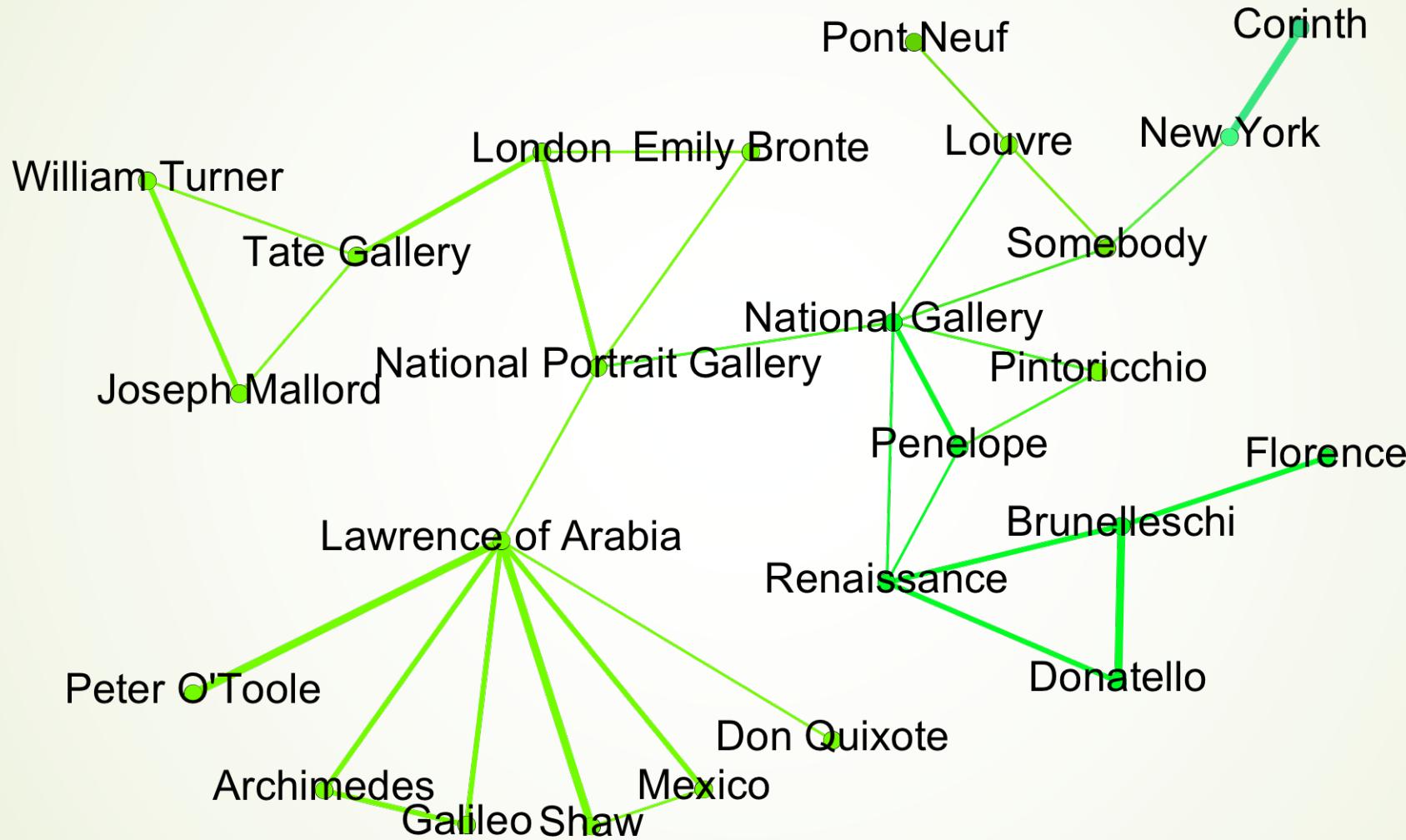
National Portrait Gallery

# Same-paragraph mentions

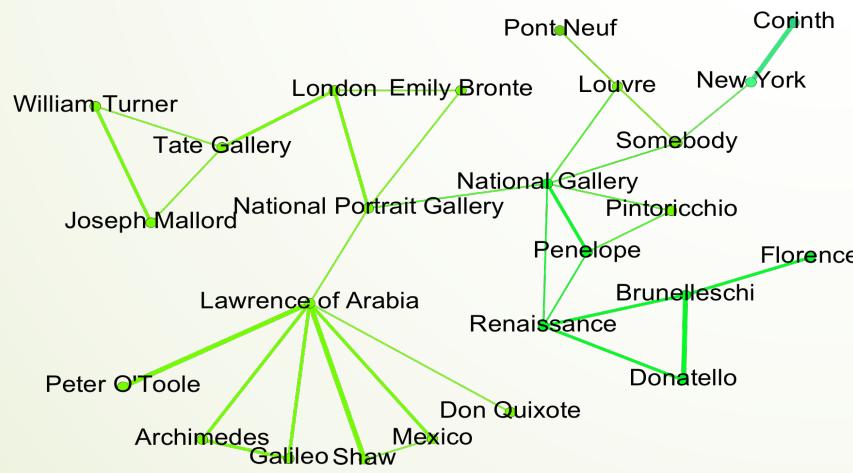
National Portrait Gallery

Lawrence of Arabia

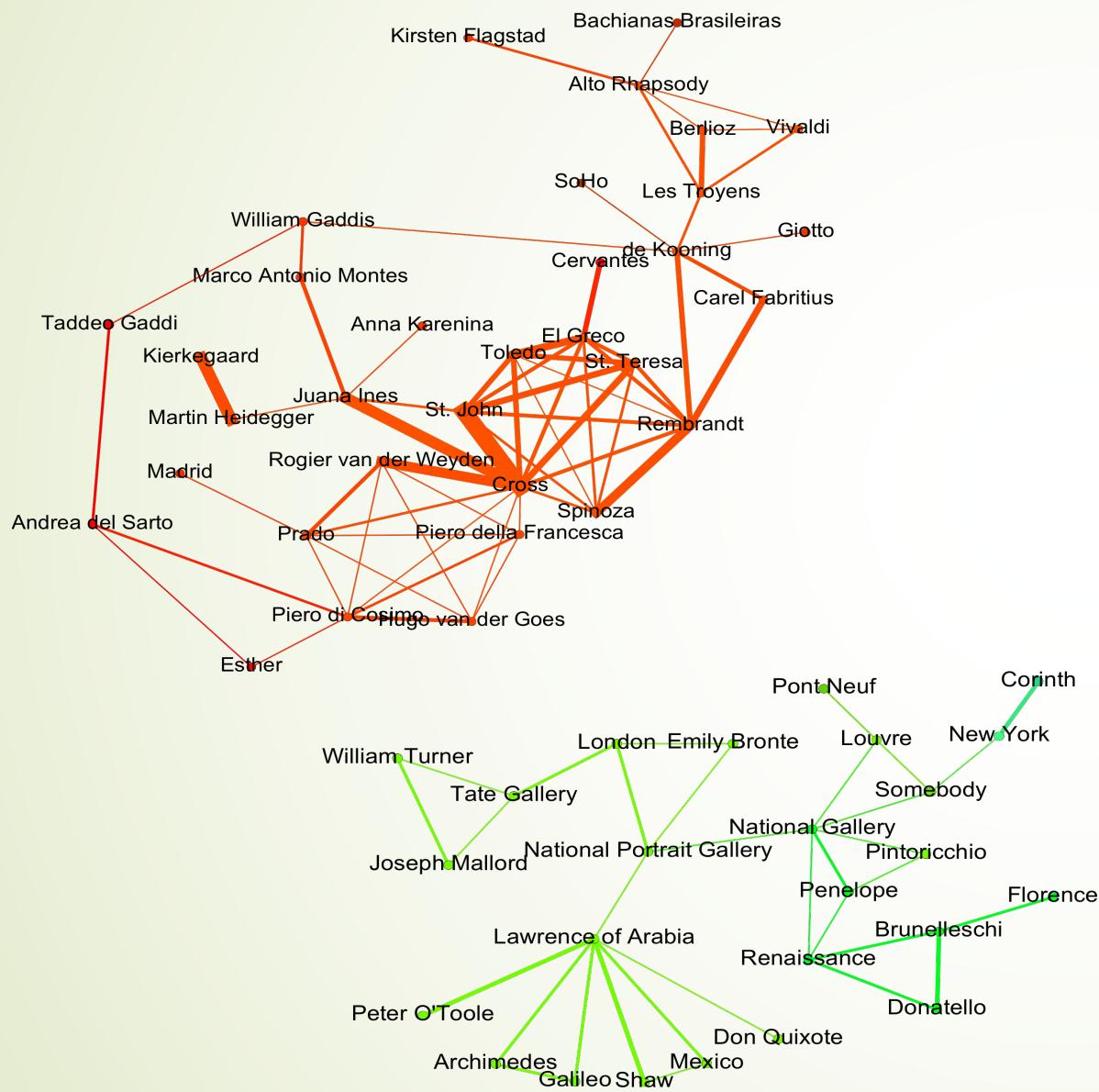
# Same-paragraph mentions



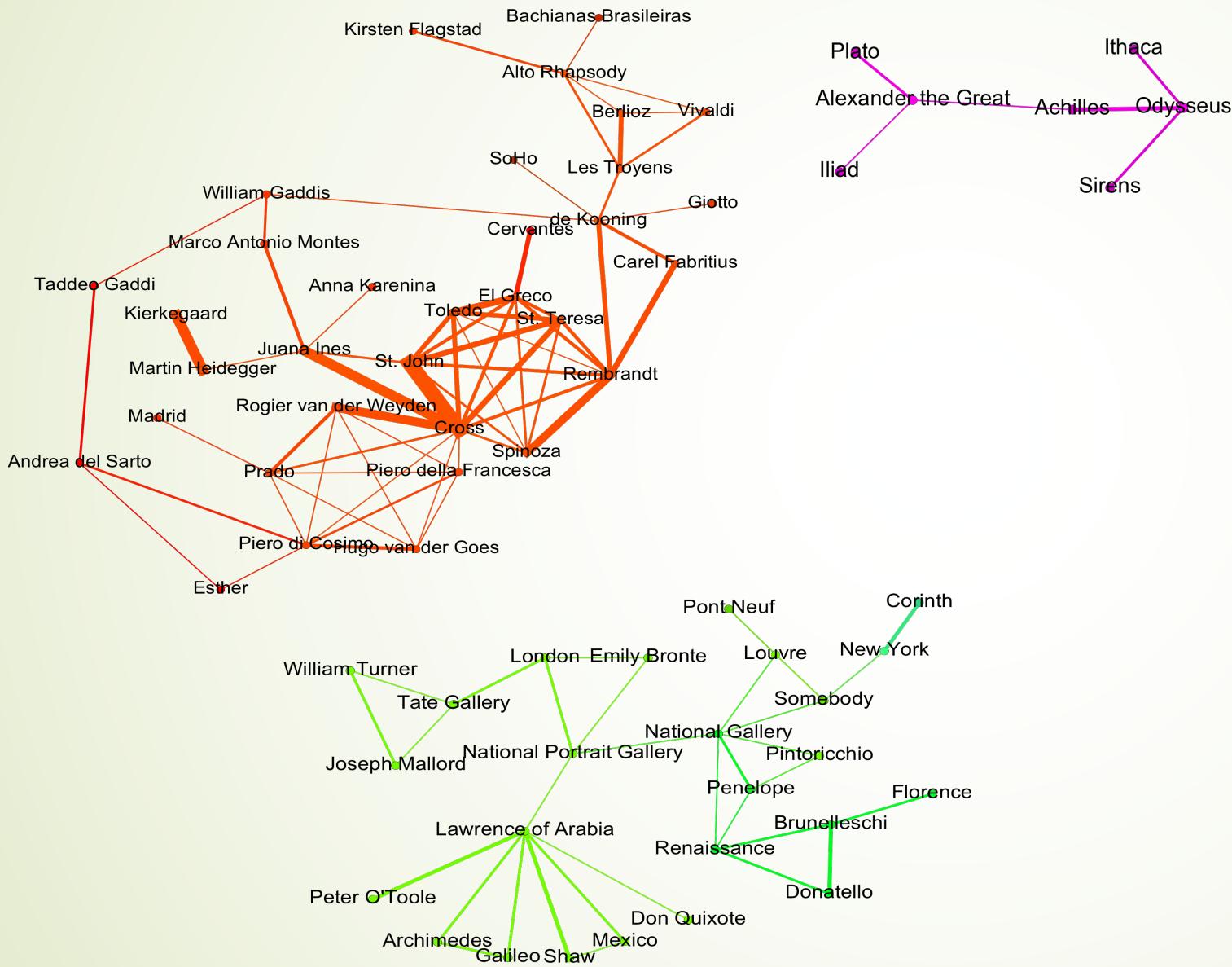
# Same-paragraph mentions



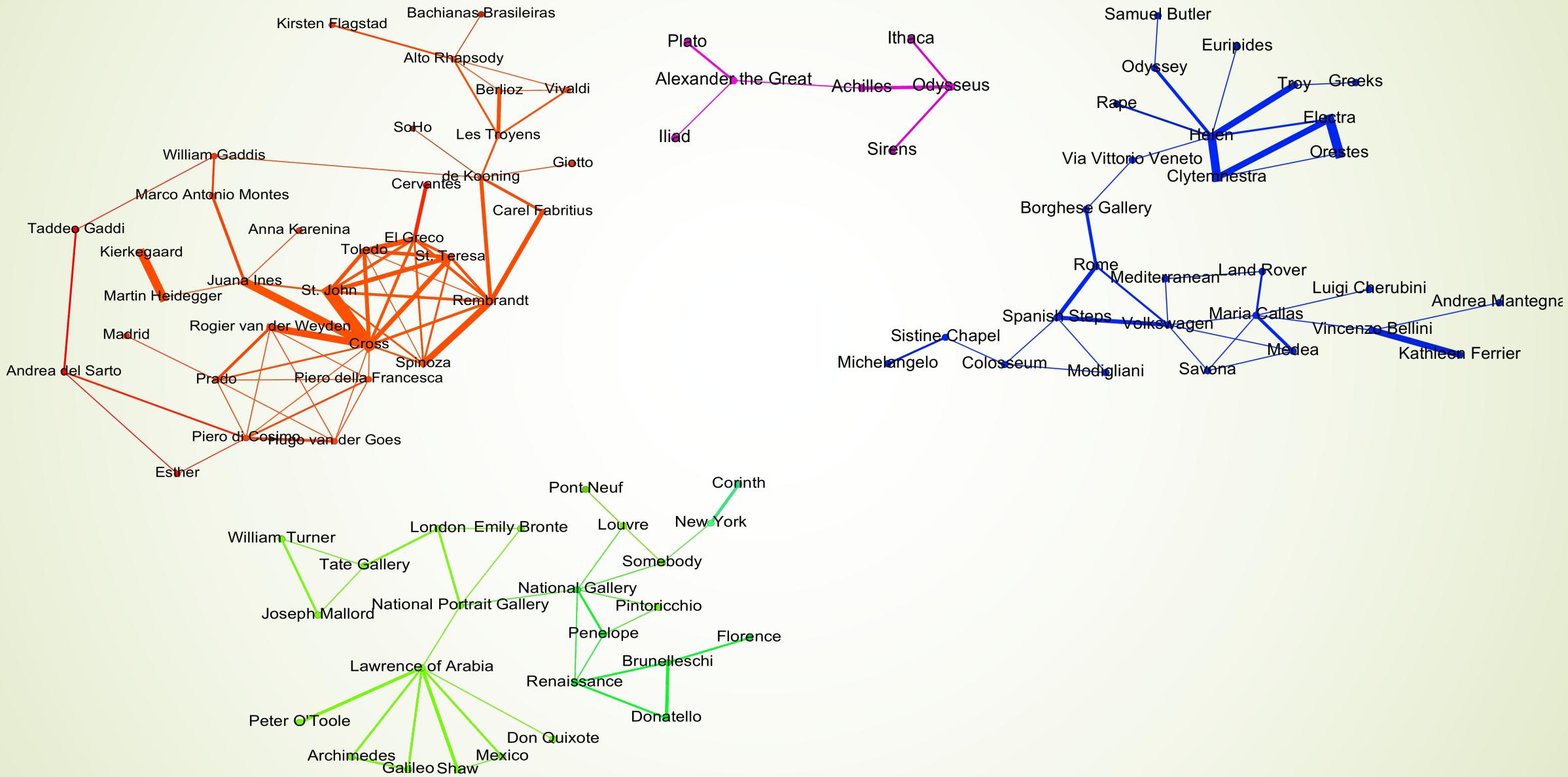
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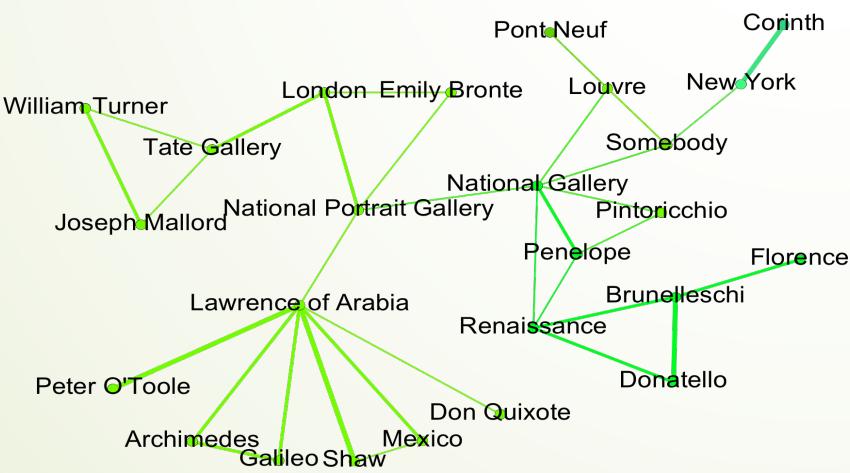
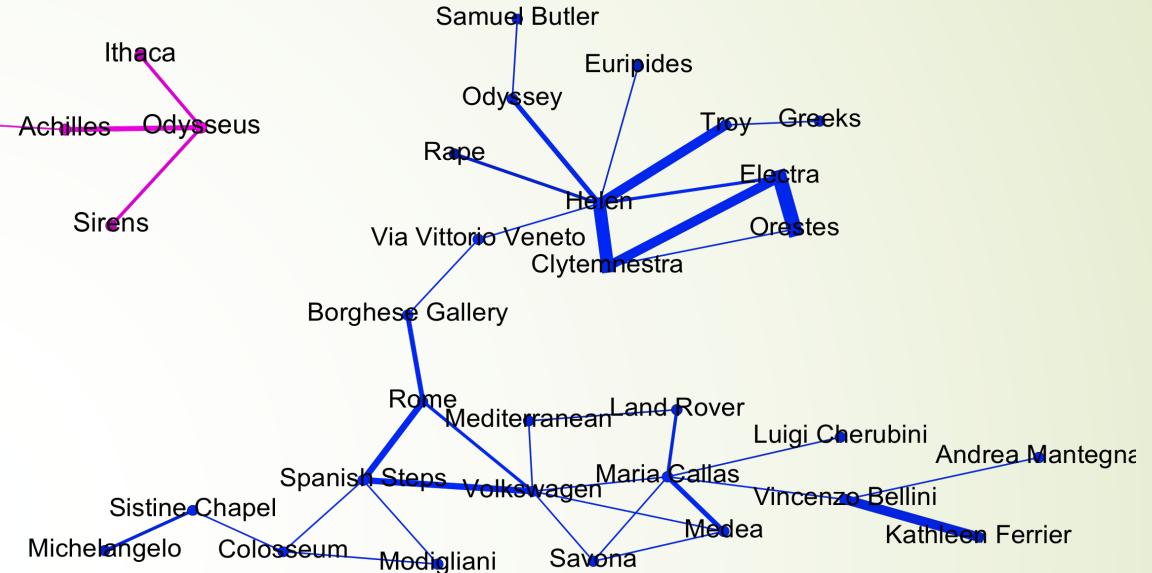
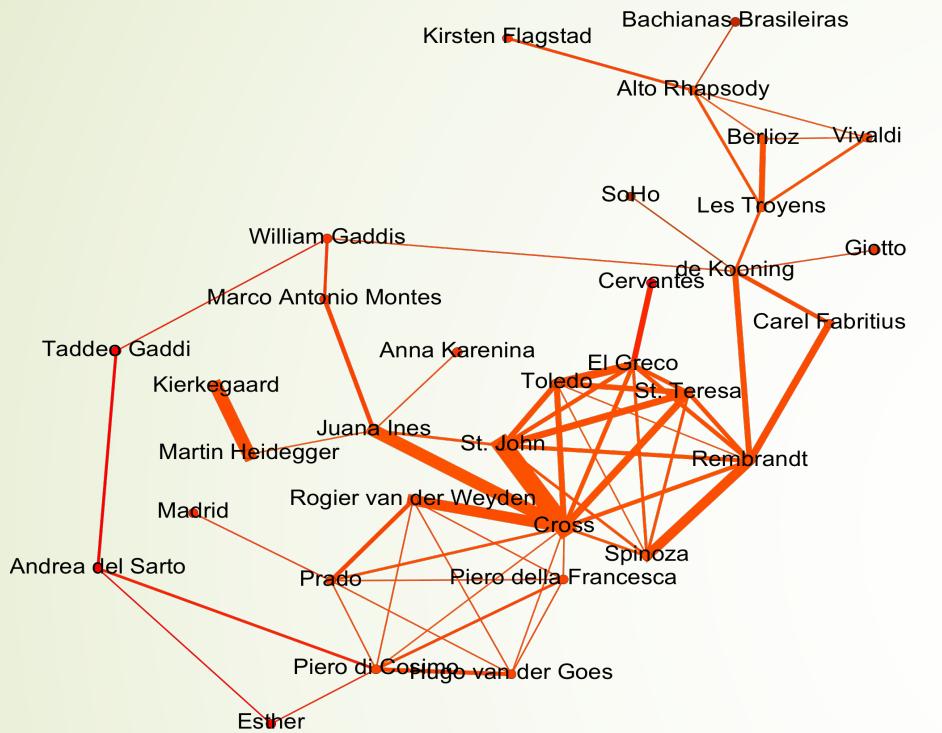
# Same-paragraph mentions



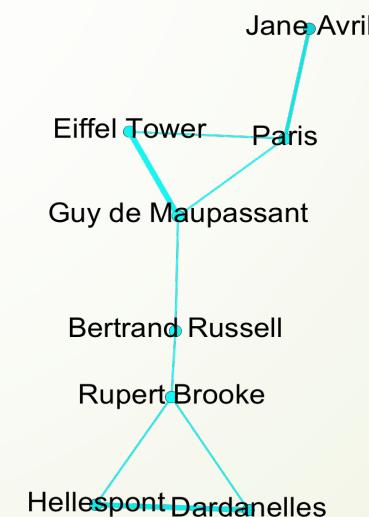
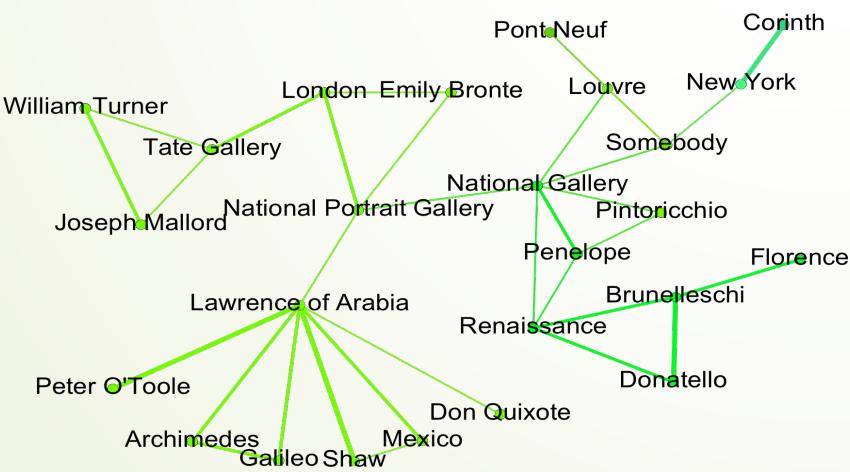
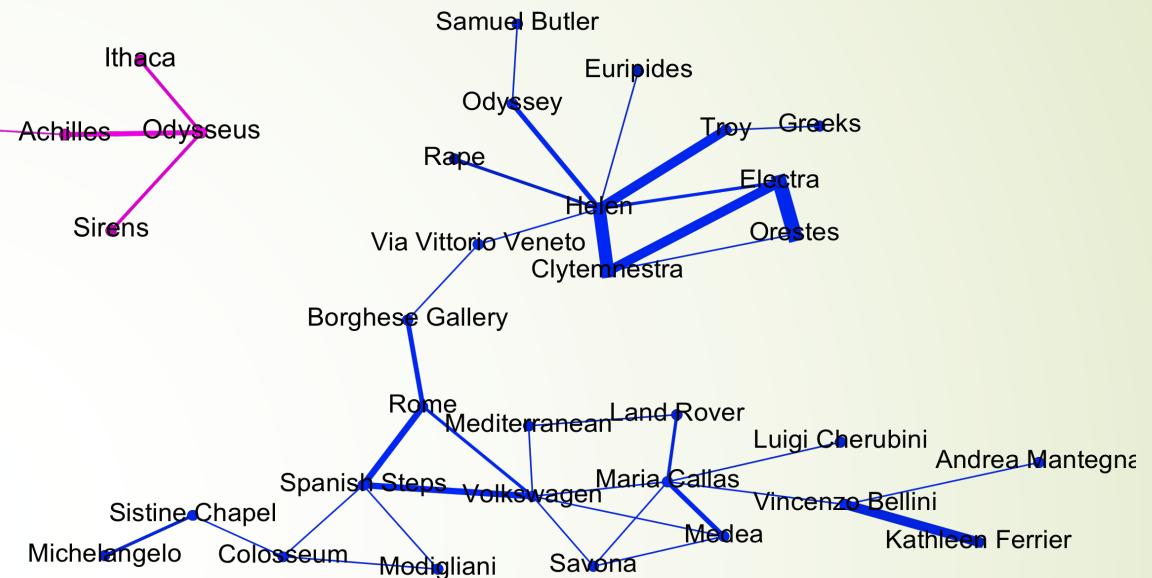
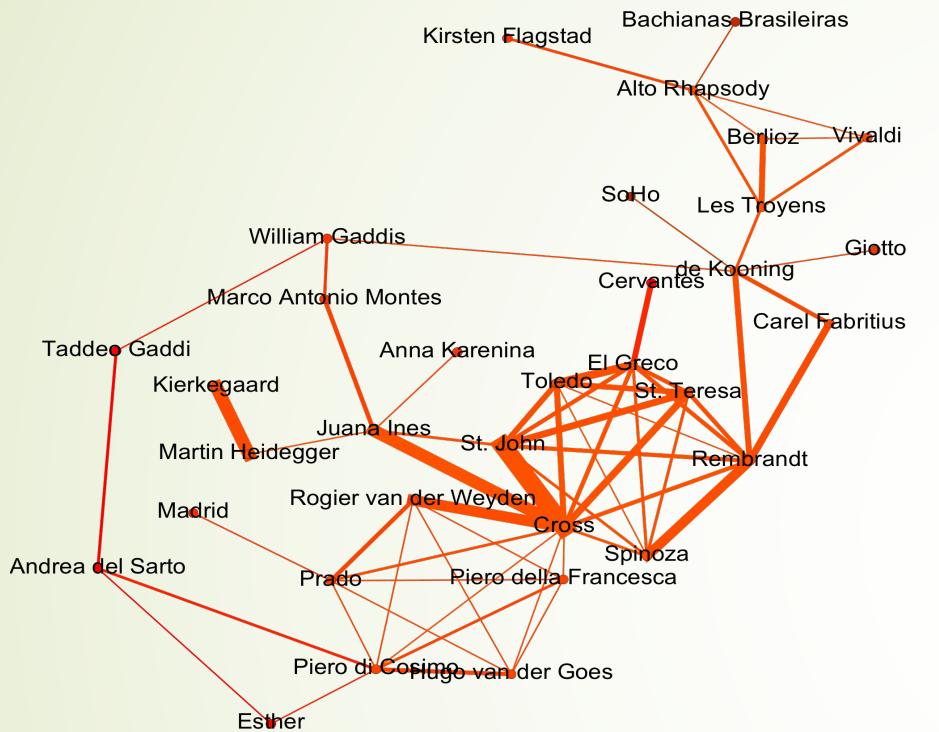
# Same-paragraph mentions



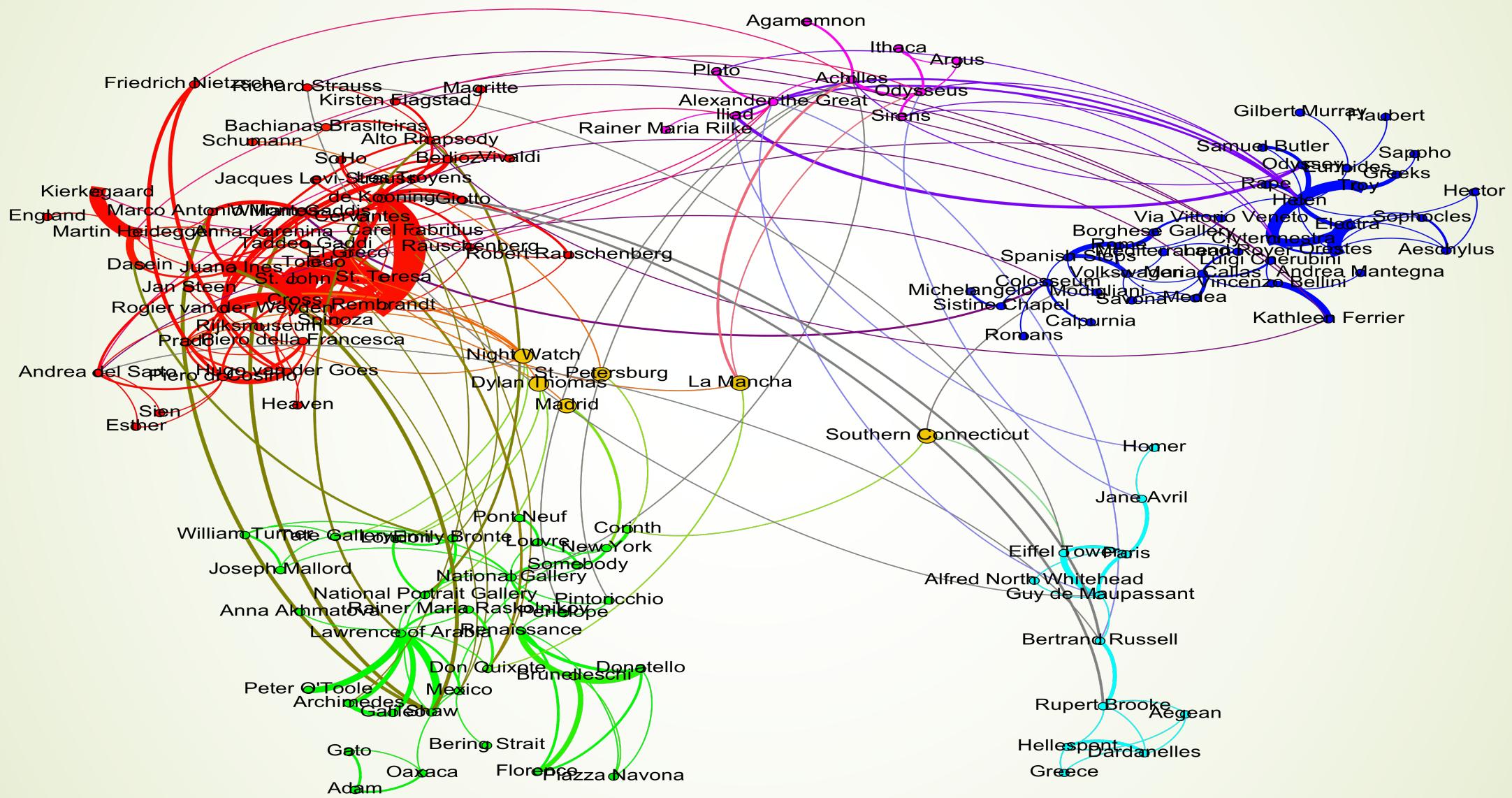
# Same-paragraph mentions



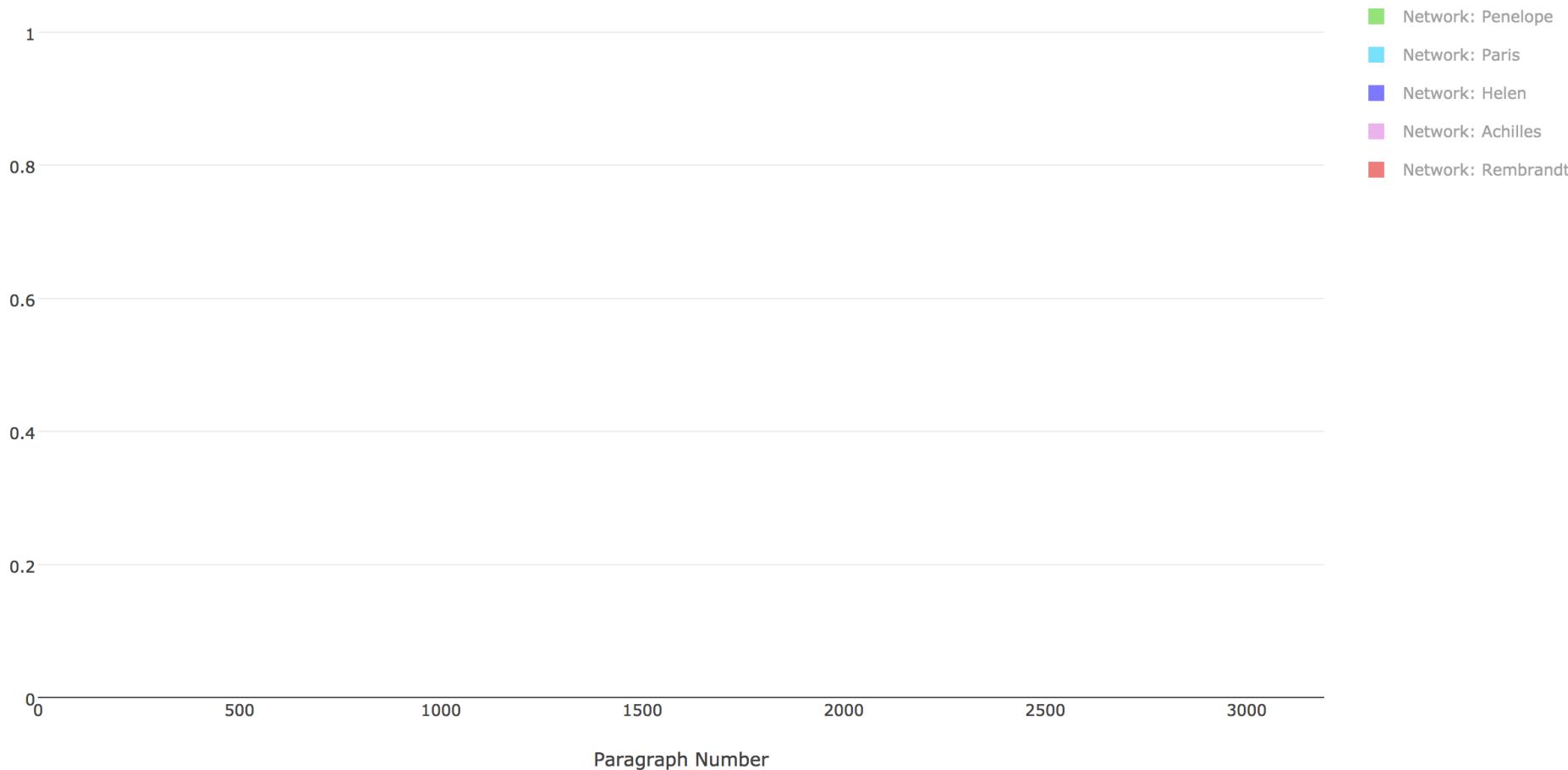
# One paragraph further...



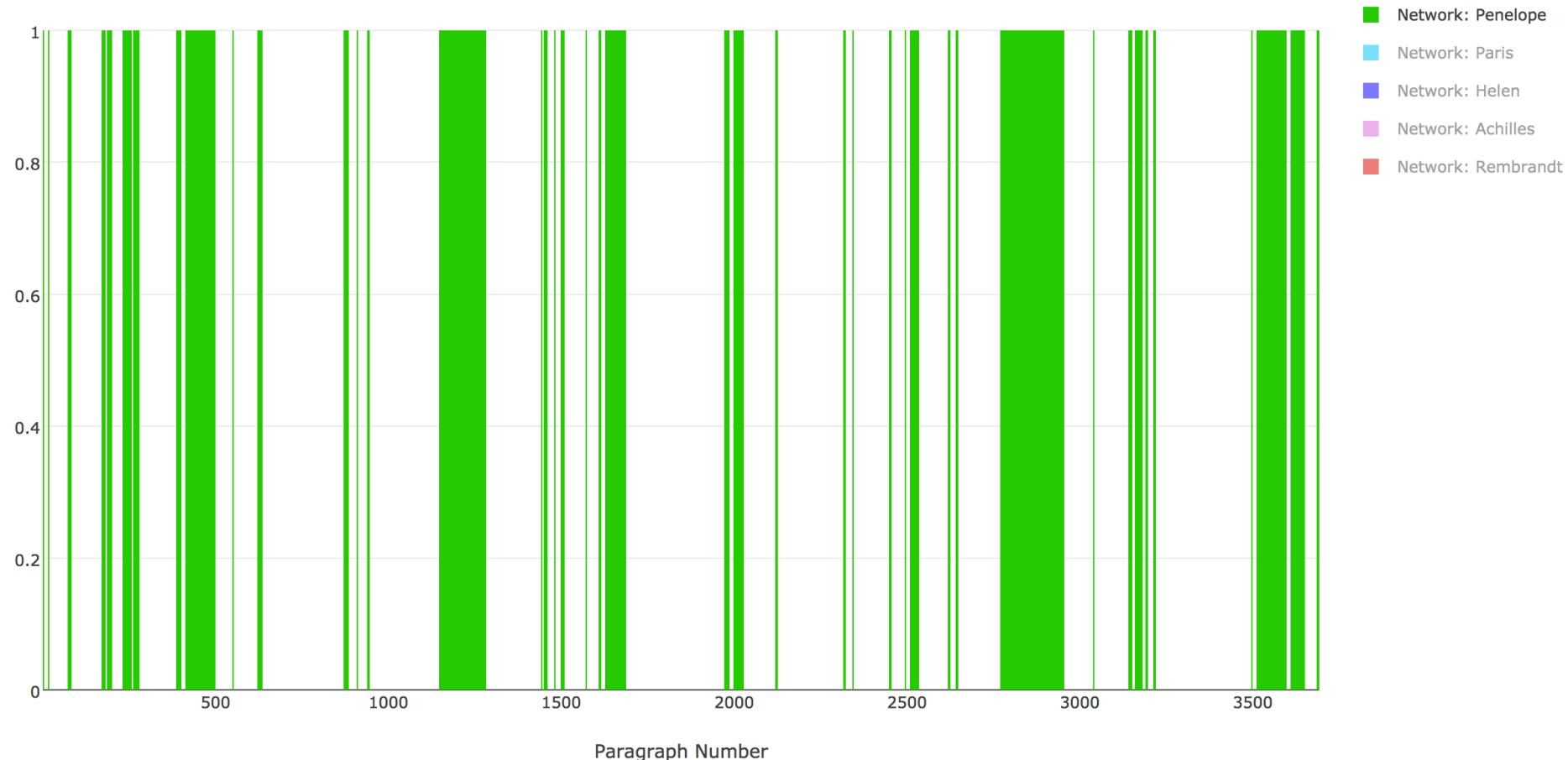
# One paragraph further...



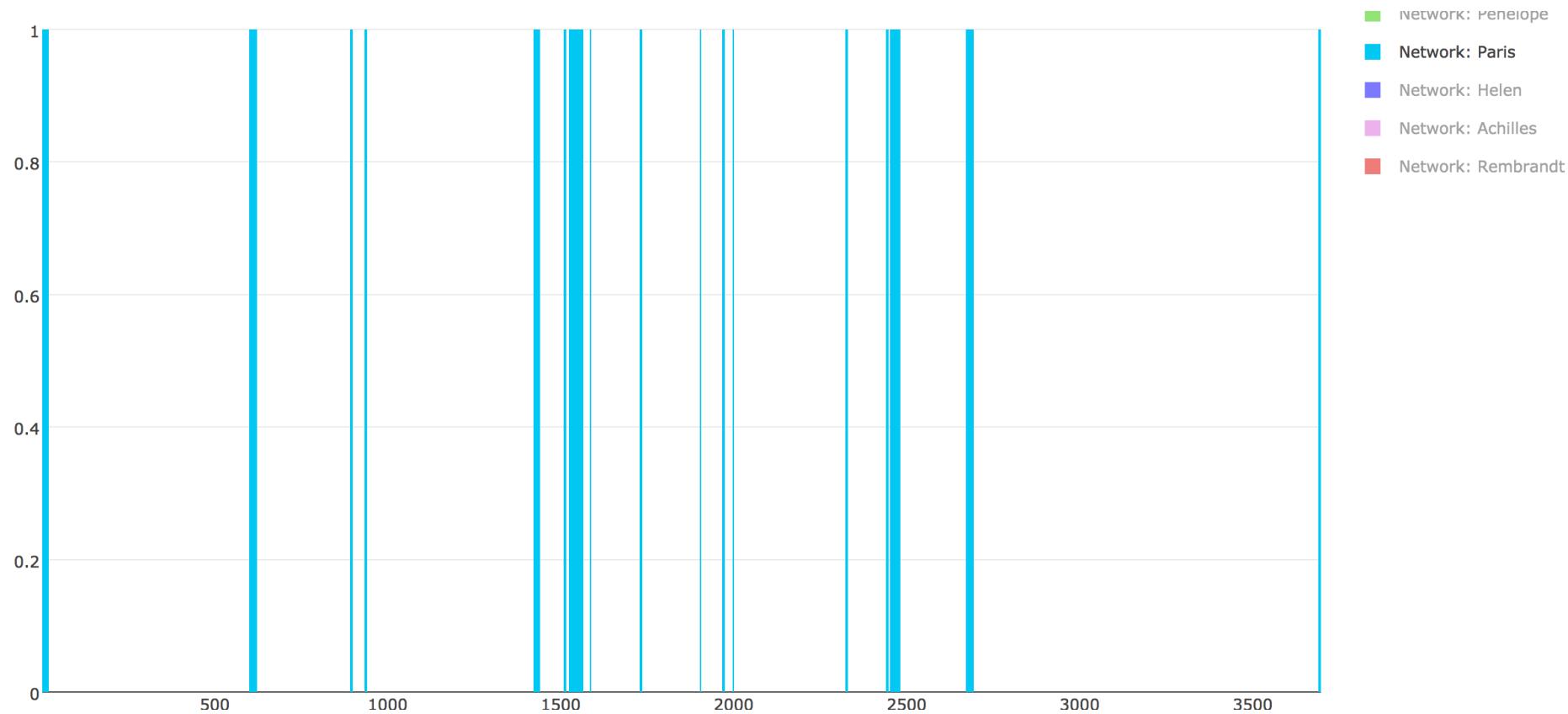
# Adding a Timeline



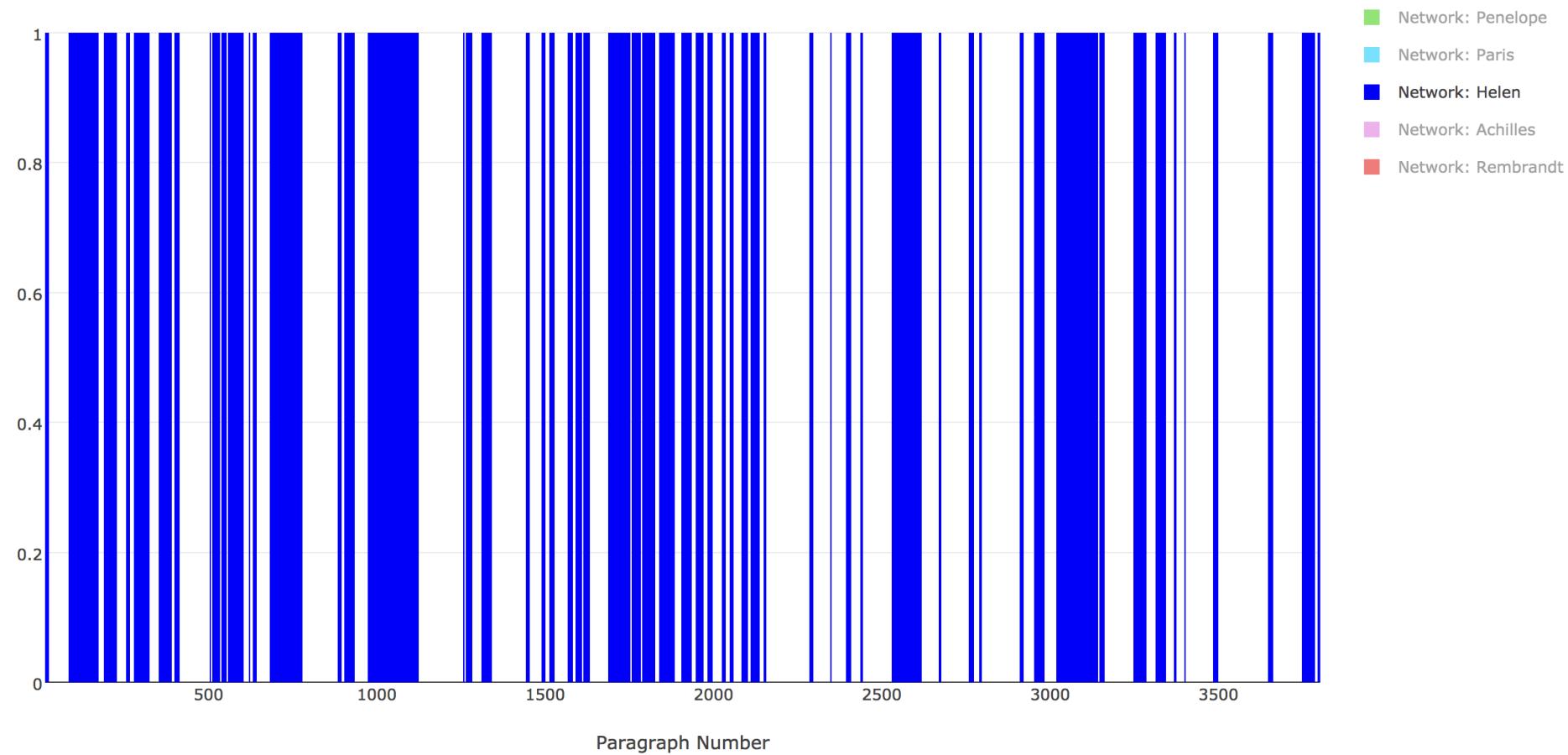
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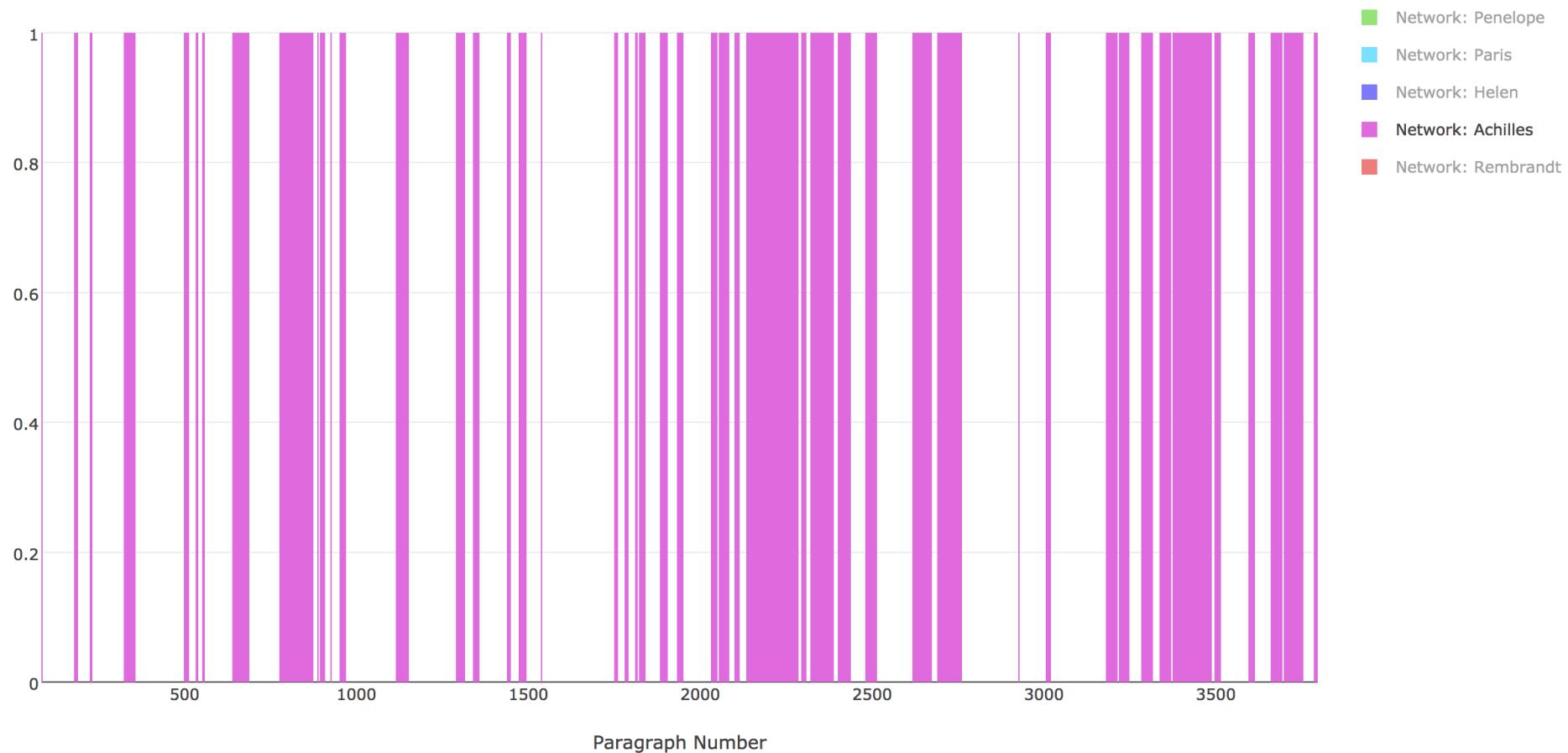
# Adding a Timeline



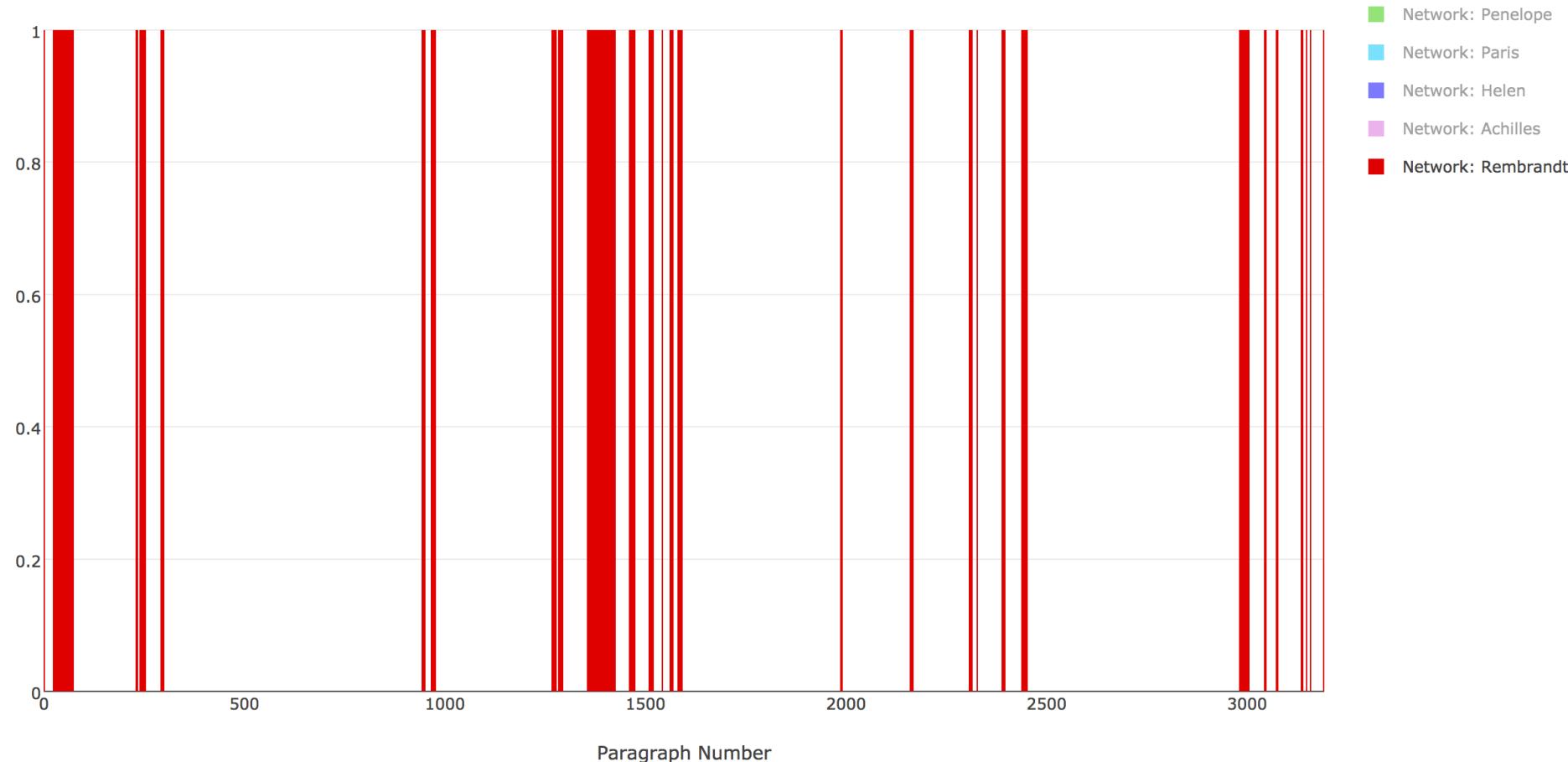
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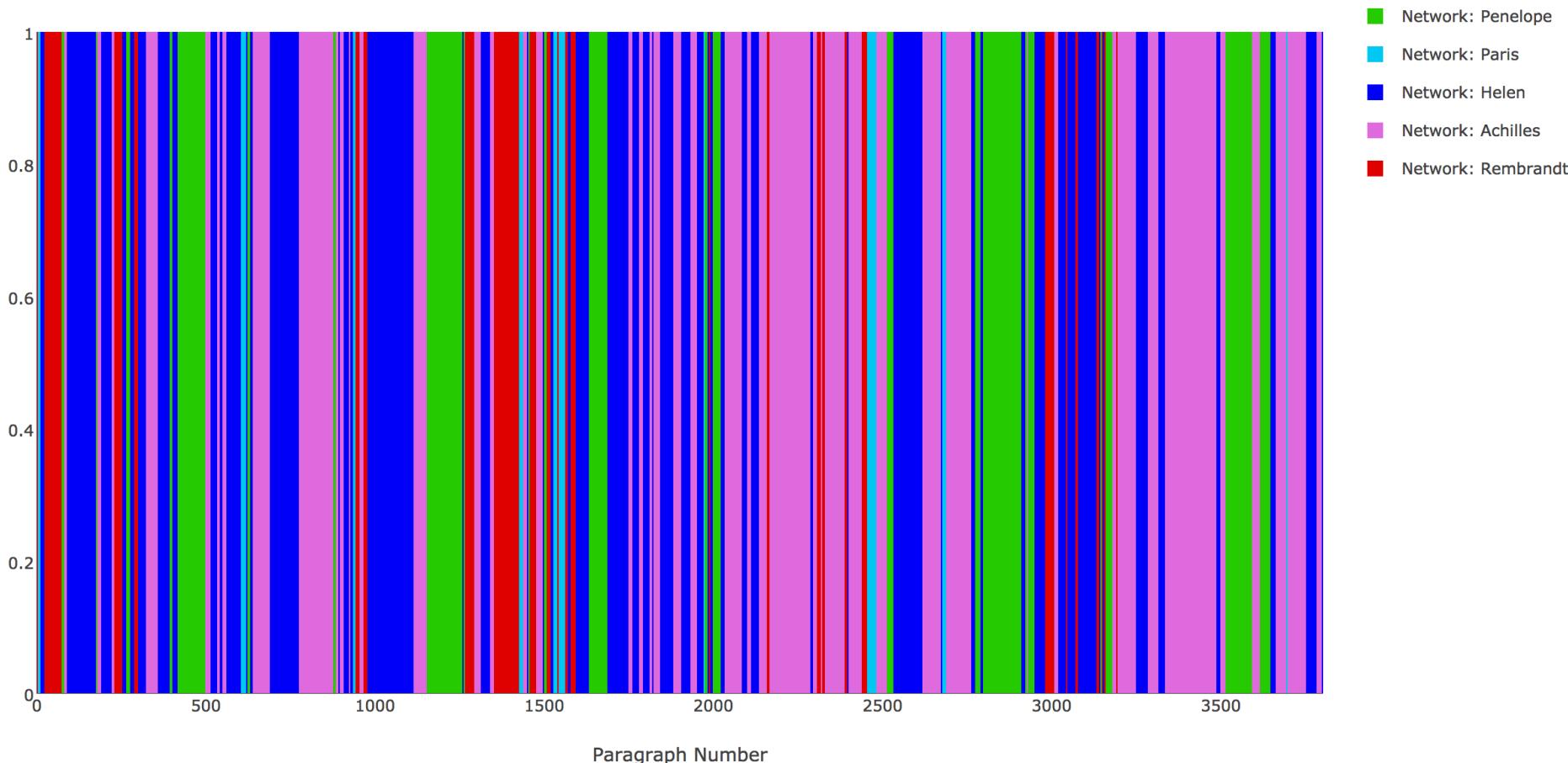
# Adding a Timeline



# Adding a Timeline

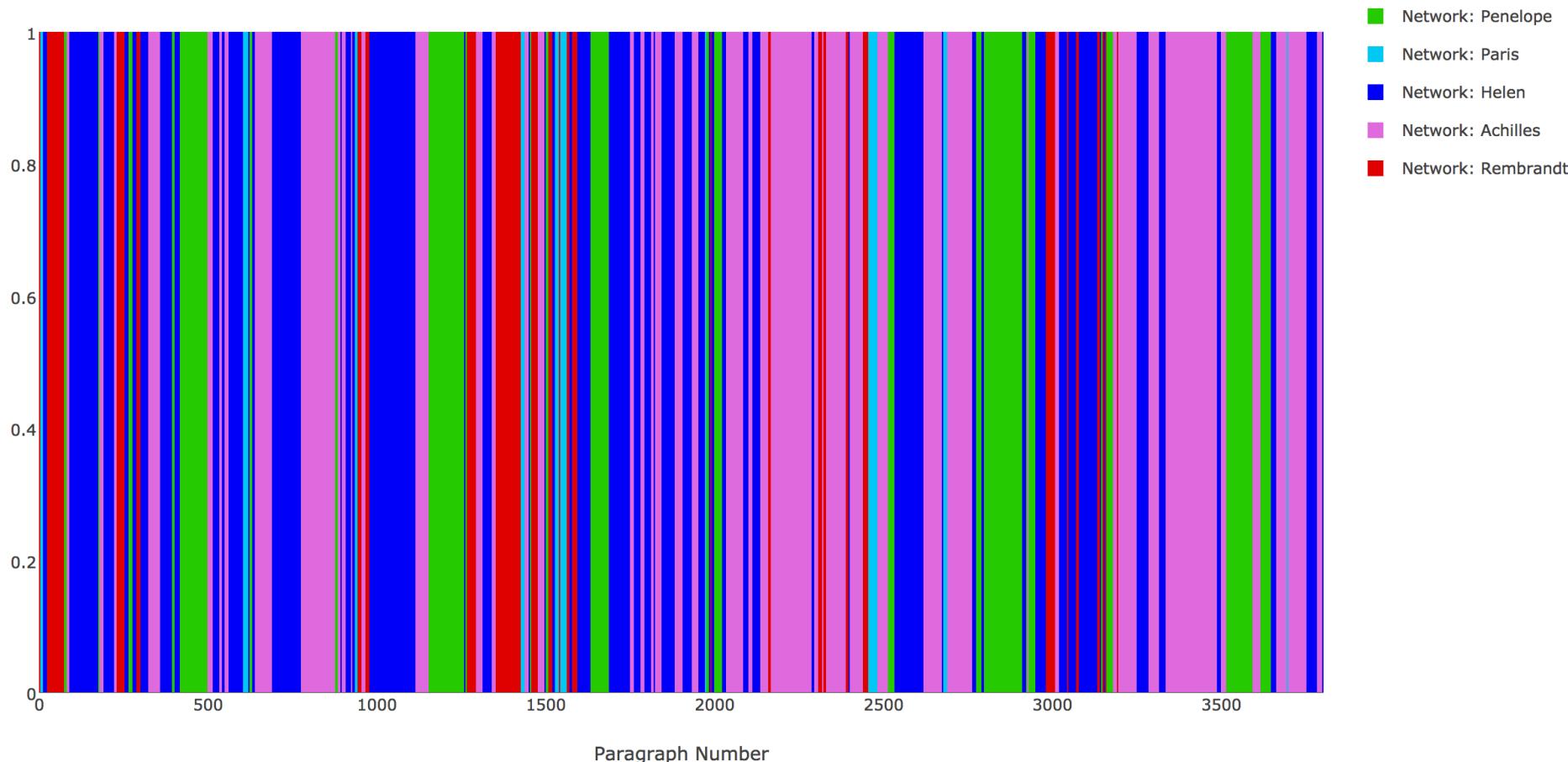


# Adding a Timeline



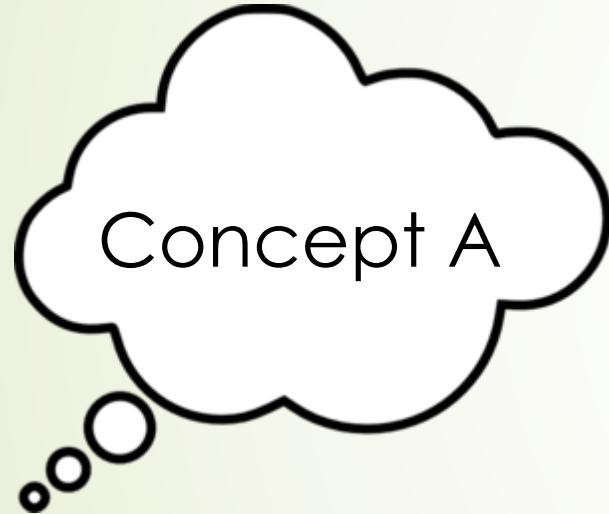
# Adding a Timeline

What to make of this?

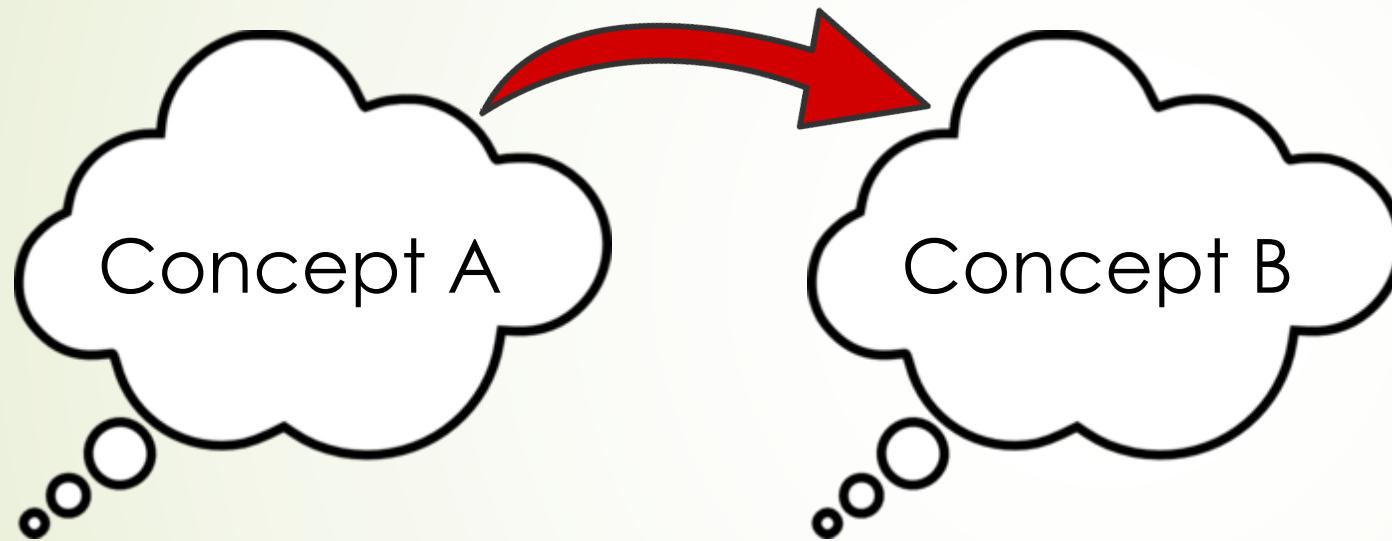


# Following the train of thought

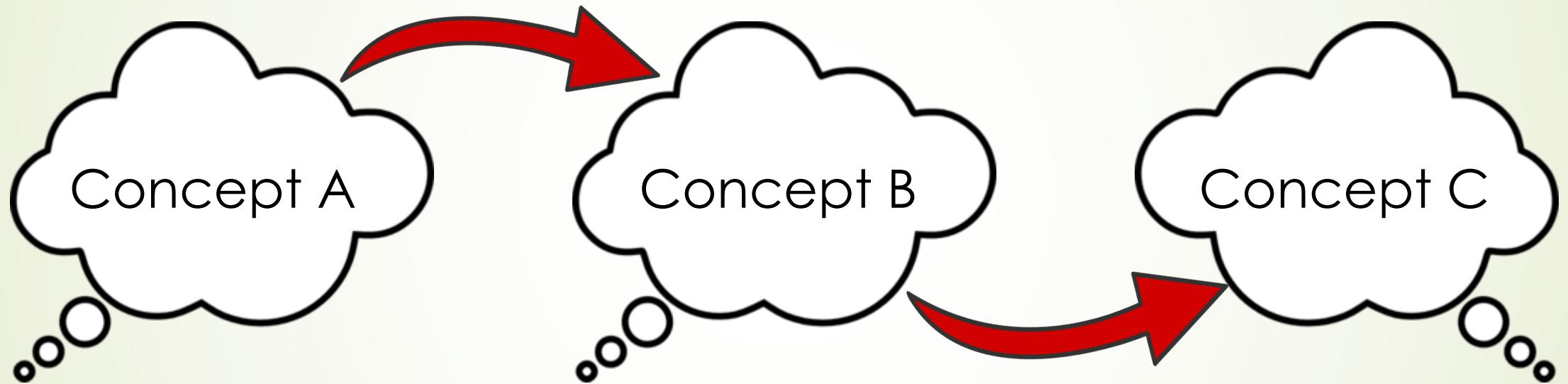
# Following the train of thought



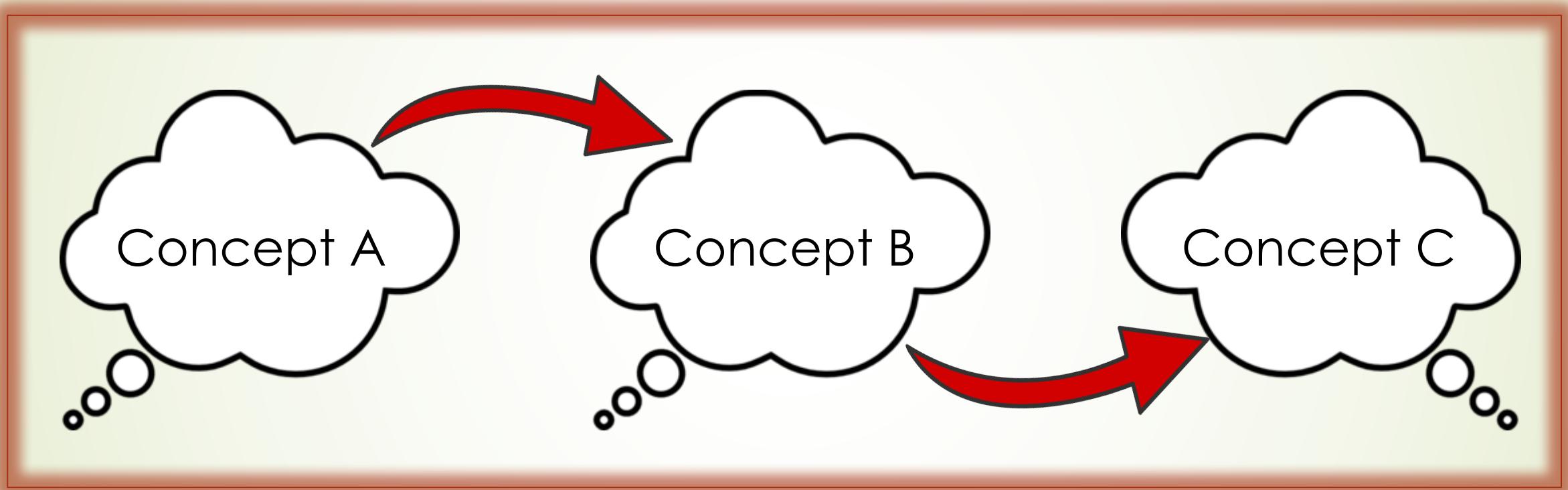
# Following the train of thought



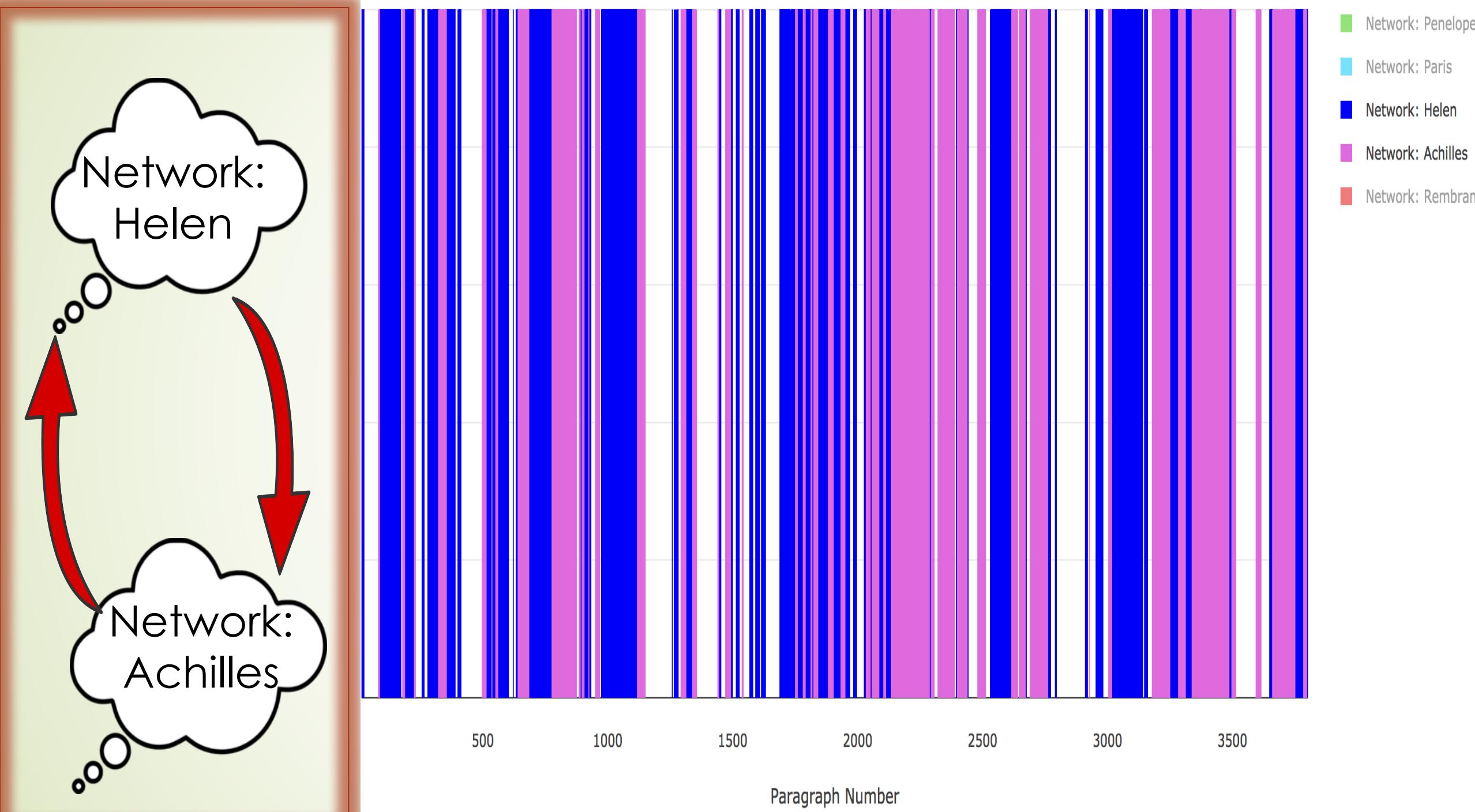
# Following the train of thought



# Following the train of thought



Repetition?...



# Conclusions

- ▶ Named Entity Recognition
- ▶ Repeated Phrases

Both giving us...

- ▶ Entity Social Network
- ▶ Co-occurrence timeline
- ▶ Deep regularities in
  - ▶ The words used (Exact phrase matches)
  - ▶ Associative structure (Context and thought in the narrative)

# Questions?

[conor.kelleher.1@ucdconnect.ie](mailto:conor.kelleher.1@ucdconnect.ie)

Conor Kelleher  
BSc. Computer Science