



Wheel of TimeTM Series Analysis

Authors: Robert Jordan and Brandon Sanderson

A little about the books



14 books



**1-11 written
by Robert
Jordan**



**12-14 written
by Brandon
Sanderson**



Genre: Fantasy



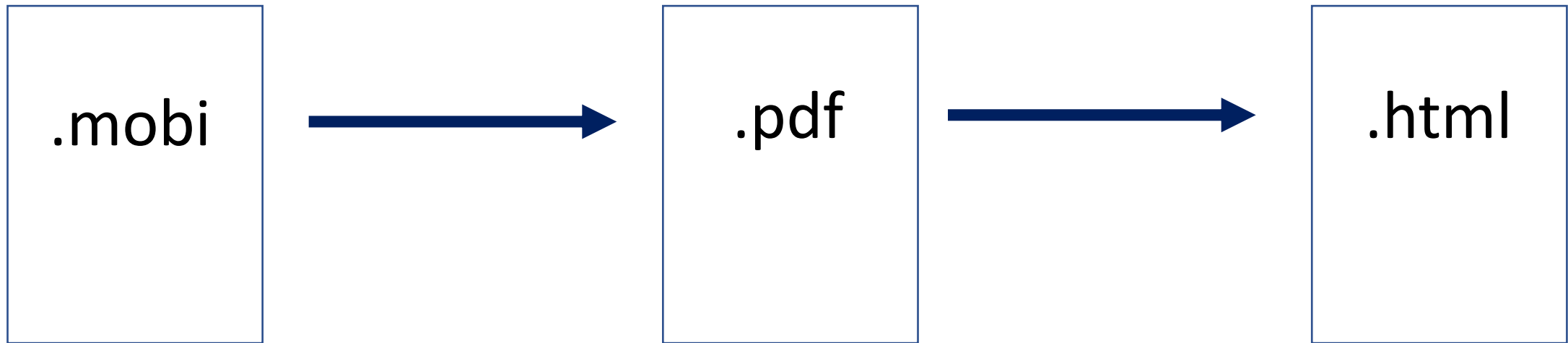
**Total Word
Count:
4,410,036**

Goal

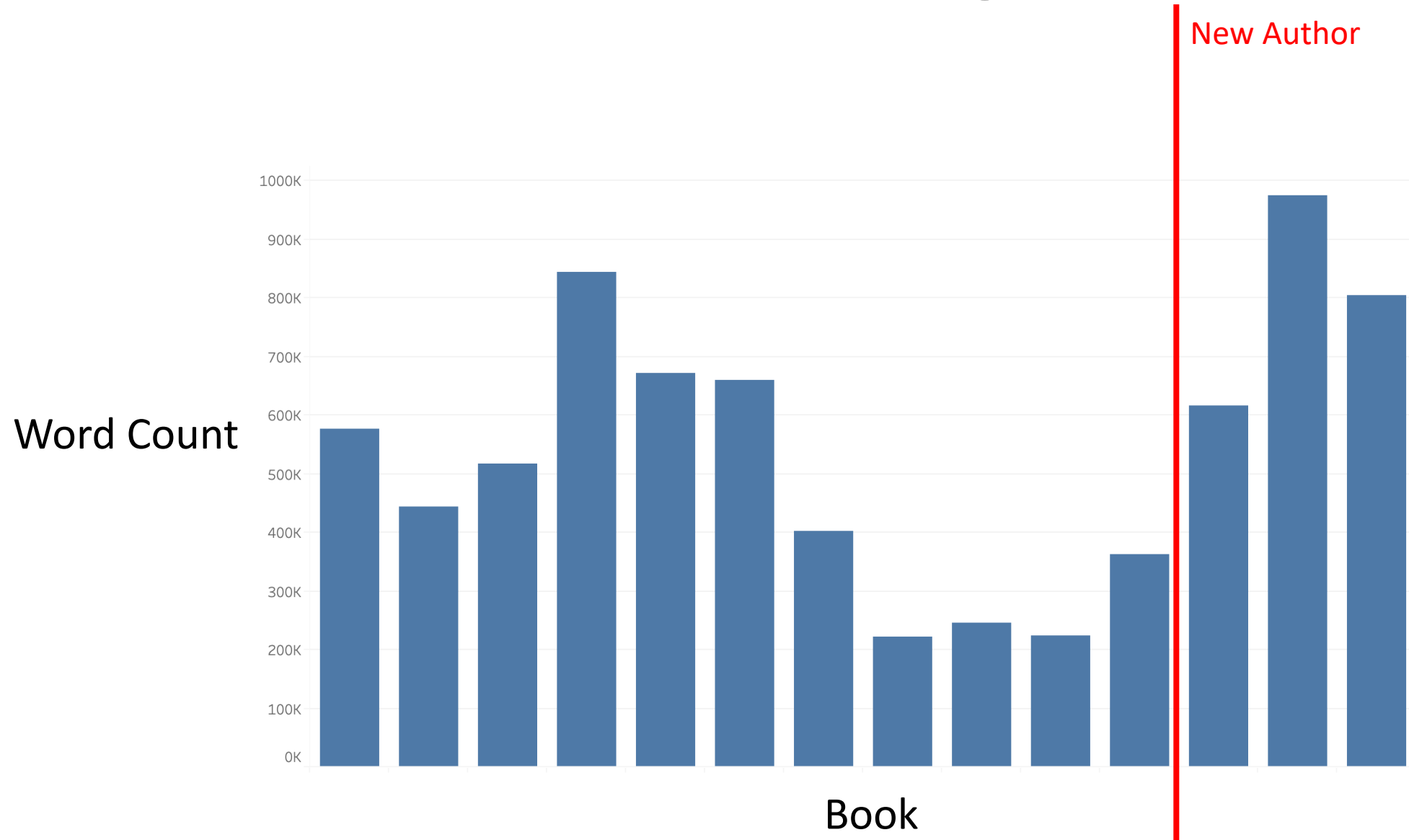
Determine which chapters in the last three books were written by Robert Jordan before his death.

Data Acquisition

Original format: .mobi file (ebook)

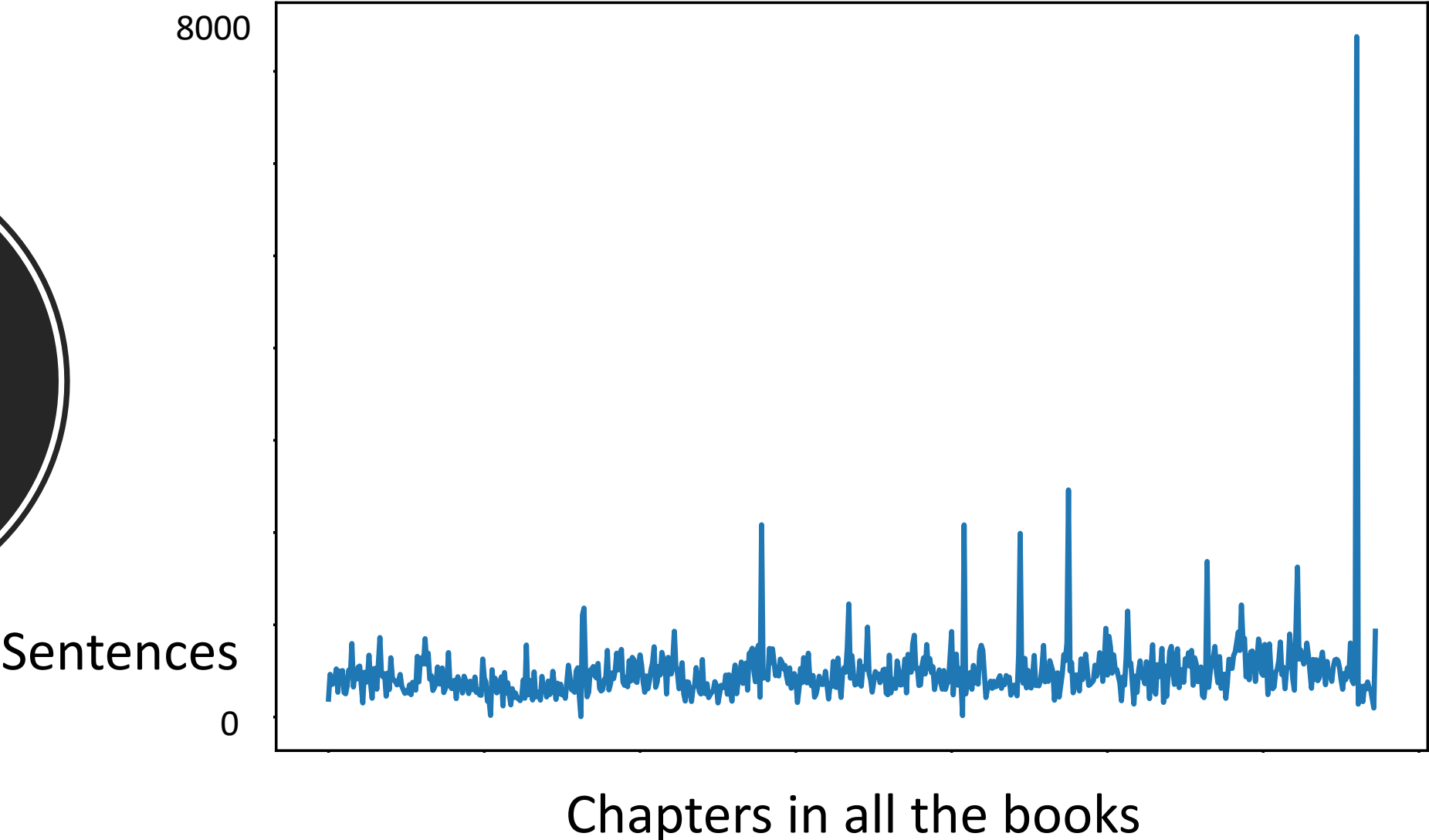


Death brings Life?

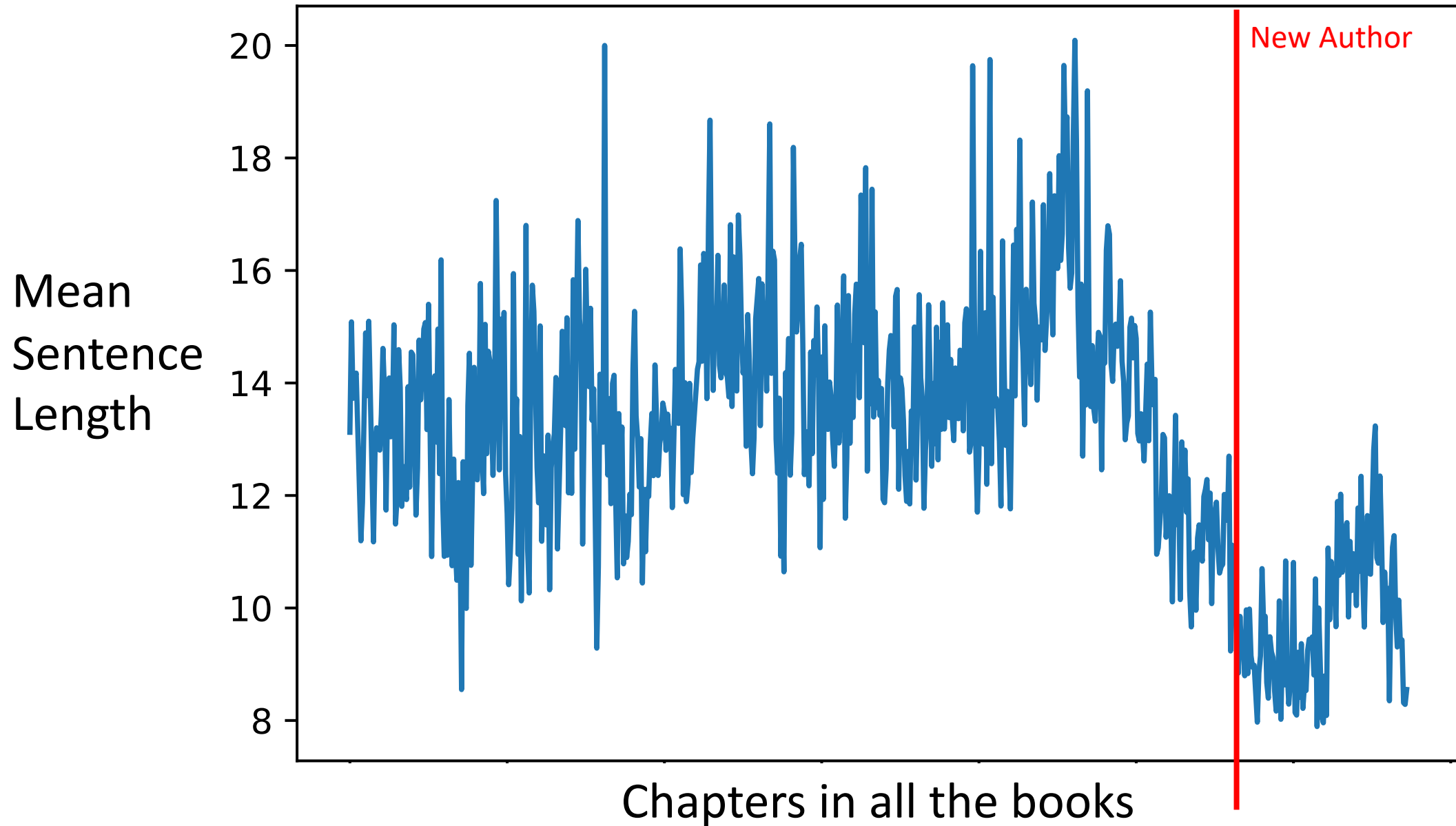


Number of Sentences Per Chapter

672 Total
Chapters, 1
Outlier



Mean Sentence Length by Chapter



Features Included

Words Frequency

Mean Sentence Length

Sentences per Chapter

Sentence Structure Frequency

Feature Reduction

Singular Value Decomposition

Three Word Topics:

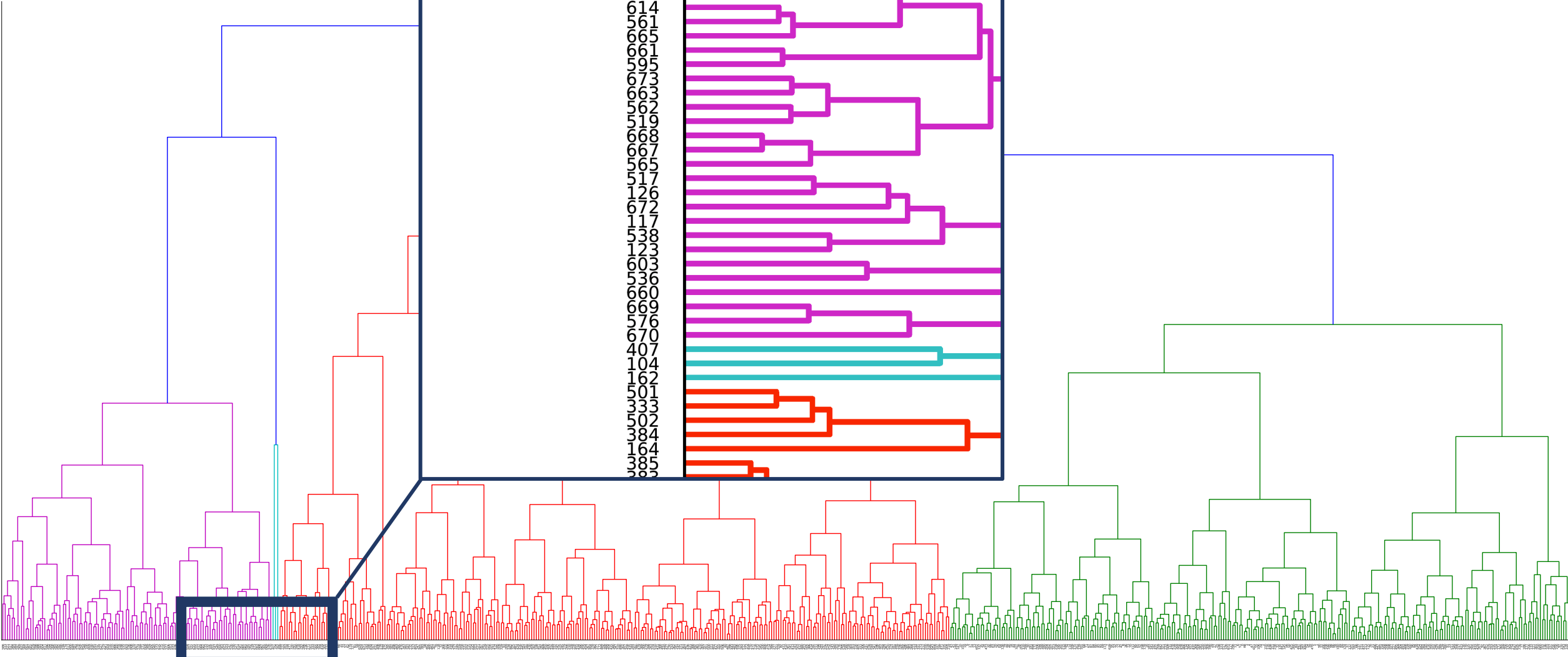
The Dragon Reborn (main character)

Aes Sedai (powerful and influential group of female mages)

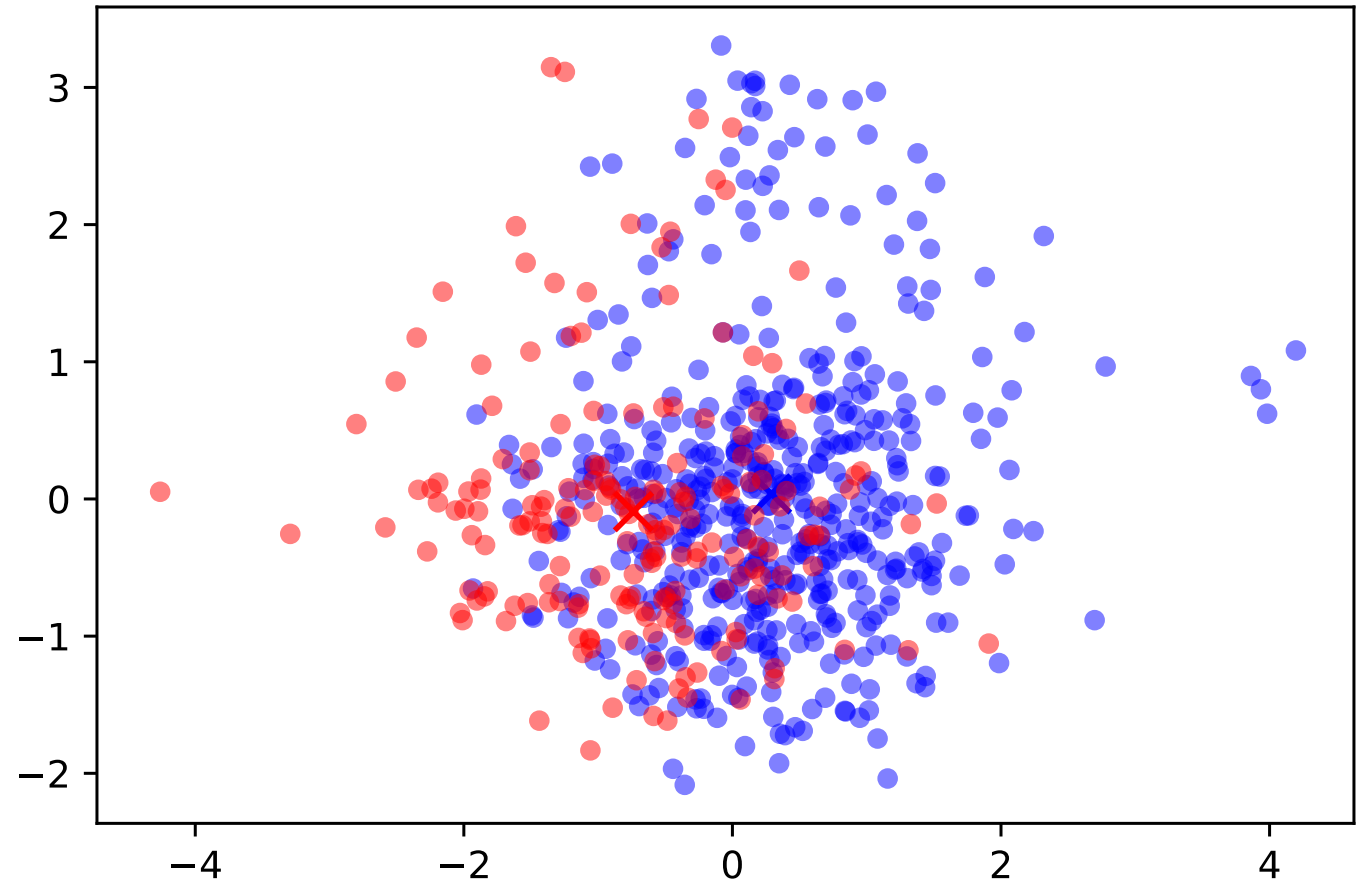
The Aiel (desert warrior society)

Three Sentence Structure Groups

Most common occurrence



K-Means



Adding in a chapter from two other sources



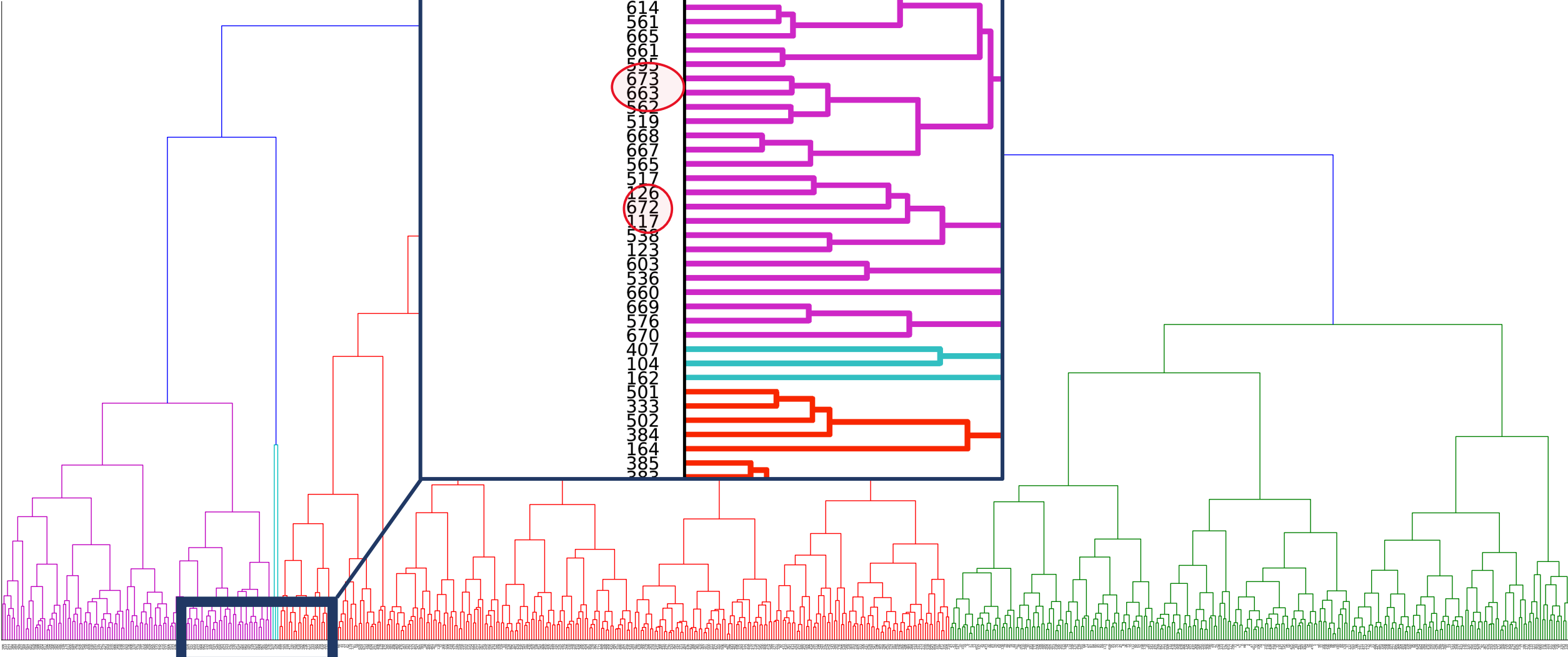
Robert Jordan – New Spring

Fantasy Novel

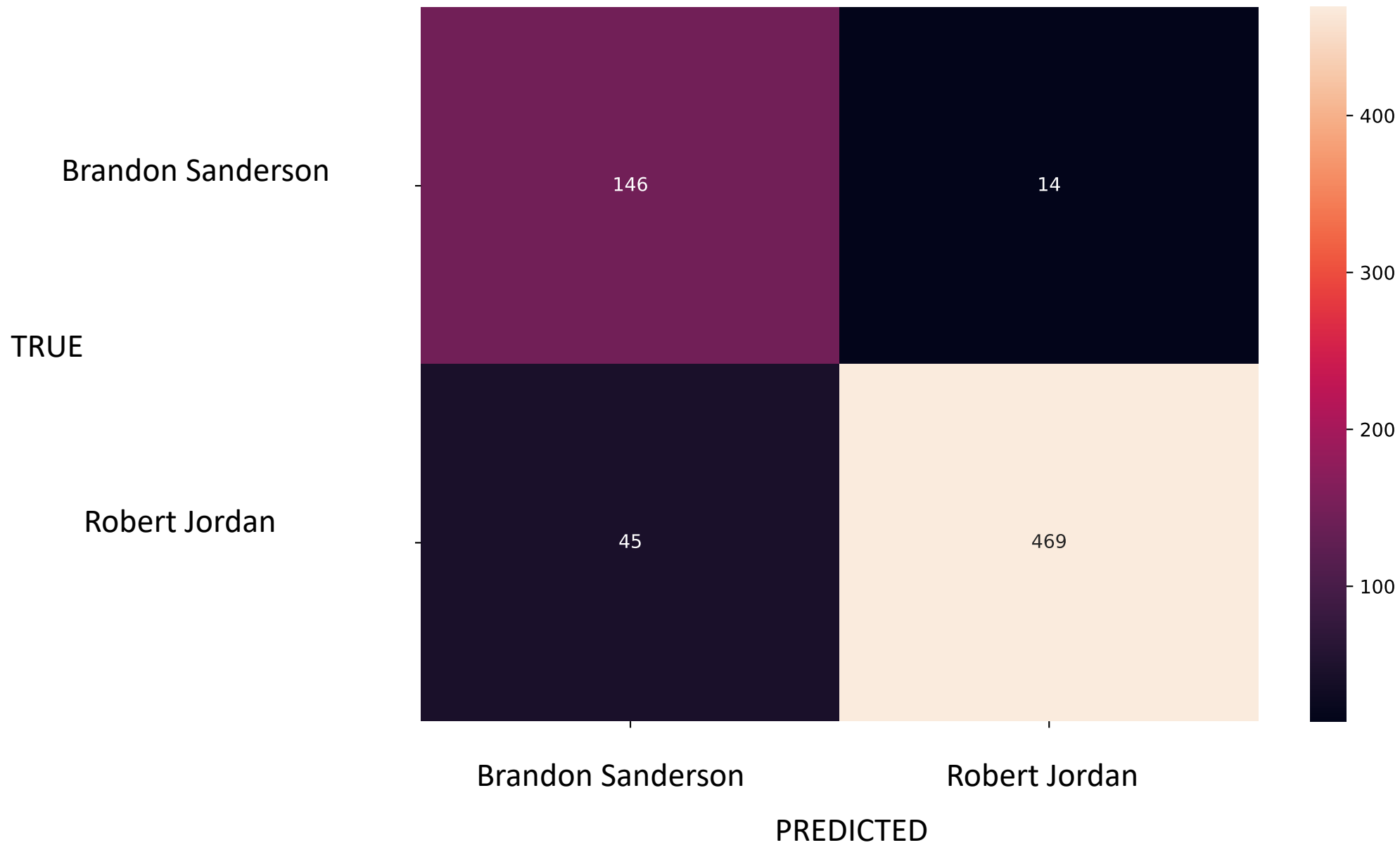


Brandon Sanderson – Oathbringer

Fantasy Novel



Confusion Matrix



Going Forward

Train on supervised algorithms

Acquire better data (text format)

Acquire more data

Outside of Wheel of Time