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Text mining Module 7.1

**PLOT #1 - Dendrogram**A diagram of data analysis

AI-generated content may be incorrect.

Unknown #1

In Plot #1 Dendrogram unknown\_1 is in somewhat close in relation to christie’s work, but I don’t believe it to be close enough to be sure.

Unknown #2

In plot #1 Dendrogram unknown\_2 is in close relation to christie’s work Aswell significantly closer than unknown\_1, I currently believe that it is a book written by christie.

**PLOT #2 - PCA plot**

**A diagram of a document

AI-generated content may be incorrect.**

Unknown #1

In plot #2 unknown\_1 is in relation to Christie and Heyer’s.

Unknown #2

In plot #3 unknown\_2 is in relation to Christie and Sayer’s.

**PLOT #3 – Network analysis graph**

A close-up of a network

AI-generated content may be incorrect.

Unknown #1

In plot #3 network analysis graph unknown #1 is in close proximity to Heyer’s and has a connection to Sayers as well.

Unknown #2

In plot #3 network analysis graph unknown #2 is in close relationship to sayers and has strong connection to christie as well.

**Final Answer**

After analyzing the plots, playing around with Stylo in R, changing the maximum and minimum MFW to 1000 from 100. I believe the book “unknown\_1 is by Heyer and unknown\_2 is by Christie.

**christie**

the murder on the line

murder on the oriental express

sparkling cyanide

a murder is announced

hickory dickory dock

**Heyer**

behold here’s poison

death in the stocks

duplicate death

footsteps in the dark

no wind of blame

clouds of witness

**Sayers**

clouds of witness

gaudy night

murder must advertise

strong poison

whose body

**Unknown**

unknown 1 - Heyer

unknown 2 - Christie