The subject of all three of these txt files is the love story of Romeo and Juliet, by using tokenization, stemming, lemmatization, and named entities. Through tokenization, stemming, and lemmatization it showed common words in the txt like Romeo, Juliet, and love which was a big clue indicating that it was probably about Romeo and Juliet. Named entities broke the txt down further and classified aspects into categories to distinguish between the terms. Indicated the place and time in which the event took place in Verona at night which is where Romeo and Juliet take palace which we can conclude that the story is about Romeo and Juliet.

| OneN | twoN | threeN | fourN |
| --- | --- | --- | --- |
| hallowed city verona: 1  city verona ancient: 1  verona ancient stones: 1  ancient stones echoed: 1  stones echoed whispers: 1  echoed whispers forbidden: 1  whispers forbidden pacts: 1  forbidden pacts eldritch: 1  pacts eldritch secrets: 1  eldritch secrets unfolded: 1  secrets unfolded tale: 1  unfolded tale steeped: 1  tale steeped shadowed: 1  steeped shadowed realms: 1  shadowed realms fate: 1  realms fate tragedy: 1  fate tragedy amidst: 1  tragedy amidst labyrinthine: 1  amidst labyrinthine alleys: 1  labyrinthine alleys buildings: 1 | verdant lands verona: 1  lands verona nestled: 1  verona nestled among: 1  nestled among rolling: 1  among rolling hills: 1  rolling hills ancient: 1  hills ancient woods: 1  ancient woods dwelled: 1  woods dwelled two: 1  dwelled two souls: 1  two souls bound: 1  souls bound tale: 1  bound tale woven: 1  tale woven delicate: 1  woven delicate threads: 1  delicate threads fate: 1  threads fate love: 1  fate love amidst: 1  love amidst grand: 1  amidst grand tapestry: 1 | sprawling city verona: 1  city verona towering: 1  verona towering walls: 1  towering walls house: 1  walls house capulet: 1  house capulet house: 1  capulet house montague: 1  house montague loomed: 1  montague loomed bustling: 1  loomed bustling streets: 1  bustling streets unfolded: 1  streets unfolded saga: 1  unfolded saga dripping: 1  saga dripping intrigue: 1  dripping intrigue blood: 1  intrigue blood feuds: 1  blood feuds passion: 1  feuds passion juliet: 1  passion juliet capulet: 1  juliet capulet maiden: 1 | could feel eyes: 3  keep ser aldric: 2  forgotten corners realm: 1  corners realm whispers: 1  realm whispers ancient: 1  whispers ancient lore: 1  ancient lore met: 1  lore met chilling: 1  met chilling winds: 1  chilling winds swept: 1  winds swept desolate: 1  swept desolate landscapes: 1  desolate landscapes existed: 1  landscapes existed tale: 1  existed tale shrouded: 1  tale shrouded shadows: 1  shrouded shadows bound: 1  shadows bound fate: 1  bound fate capricious: 1  fate capricious threads: 1 |

Comparison

* One and four share similar themes and similar vocabulary such as tale steeped shadowed and tale shrouded shadows. Two and four the word fate is placed similarly in the n-grams position. Three and four have a dramatic feel and create a similar atmosphere of intensity. All the lemmatization and stemming performed over all the four txt did not show much of any similarities to make a conclusion from as well as with the tokenization and named entities. Overall, I would say that one and four are the most similar but it is still very inconclusive to say that one is the writer of number four. However, the real writer of number four is most likely number 3 as the txt files both say Martin in the title. Note all txt files were prompted and generated using AI which could be the reason the findings were inclusive.

OneN

20 Most common trigrams:

hallowed city verona: 1

city verona ancient: 1

verona ancient stones: 1

ancient stones echoed: 1

stones echoed whispers: 1

echoed whispers forbidden: 1

whispers forbidden pacts: 1

forbidden pacts eldritch: 1

pacts eldritch secrets: 1

eldritch secrets unfolded: 1

secrets unfolded tale: 1

unfolded tale steeped: 1

tale steeped shadowed: 1

steeped shadowed realms: 1

shadowed realms fate: 1

realms fate tragedy: 1

fate tragedy amidst: 1

tragedy amidst labyrinthine: 1

amidst labyrinthine alleys: 1

labyrinthine alleys buildings: 1

TwoN

20 Most common trigrams:

verdant lands verona: 1

lands verona nestled: 1

verona nestled among: 1

nestled among rolling: 1

among rolling hills: 1

rolling hills ancient: 1

hills ancient woods: 1

ancient woods dwelled: 1

woods dwelled two: 1

dwelled two souls: 1

two souls bound: 1

souls bound tale: 1

bound tale woven: 1

tale woven delicate: 1

woven delicate threads: 1

delicate threads fate: 1

threads fate love: 1

fate love amidst: 1

love amidst grand: 1

amidst grand tapestry: 1

ThreeN

20 Most common trigrams:

sprawling city verona: 1

city verona towering: 1

verona towering walls: 1

towering walls house: 1

walls house capulet: 1

house capulet house: 1

capulet house montague: 1

house montague loomed: 1

montague loomed bustling: 1

loomed bustling streets: 1

bustling streets unfolded: 1

streets unfolded saga: 1

unfolded saga dripping: 1

saga dripping intrigue: 1

dripping intrigue blood: 1

intrigue blood feuds: 1

blood feuds passion: 1

feuds passion juliet: 1

passion juliet capulet: 1

juliet capulet maiden: 1

FourN

20 Most common trigrams:

could feel eyes: 3

keep ser aldric: 2

forgotten corners realm: 1

corners realm whispers: 1

realm whispers ancient: 1

whispers ancient lore: 1

ancient lore met: 1

lore met chilling: 1

met chilling winds: 1

chilling winds swept: 1

winds swept desolate: 1

swept desolate landscapes: 1

desolate landscapes existed: 1

landscapes existed tale: 1

existed tale shrouded: 1

tale shrouded shadows: 1

shrouded shadows bound: 1

shadows bound fate: 1

bound fate capricious: 1

fate capricious threads: 1