

Input

Drake Li Morette.txt

Gale Li Morette.txt

Andrew Paloski.txt

Sylvia Costai.txt

Father Tom.txt

Richard Berkeley.txt



Congratulations, you are the corpse! Don't be surprised, this is easy to explain. You use the tragedy of the twin brother Drake Li Morette...

In fact, you did kill your husband Hans Li Morette. In the past three years, you and his brother Drake have been deceiving him...

You are a very talented surgeon. You have published many articles, researching all over the country...

You are the head nurse of the emergency ward. You climbed to this position for your hard work and were proud...

You are a priest Tom, a well-known television missionaries in the United States, and have a big fan...

You were a doctor at the Brighton Hospital. In 2003, after working for more than ten years, you were appointed Dean of the hospital...

Code-driven

LLM-driven

Single Character's Perspective

All Characters' Perspective

Strategy 1 - AllTogether

Directly Extract Relation Graph

Relation Detection

Strategy 2 - DirRelation

Extract All Characters

Extract Relation Graph of Given Characters

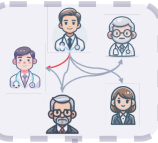
Strategy 3 - PairRelation

Extract All Characters

Extract Relation of Given Character Pairs

Merge Pairwise Relationships

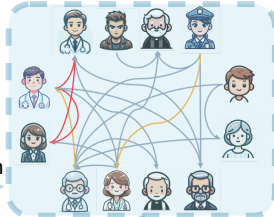
Drake Li Morette.json



Format Correction

Output

all.json



```

"Hans Li Morette": [
  ["Sylvia Costa", "colleague of x"],
  ["Gale Li Morette", "wife of x"],
  ["Drake Li Morette", "brother of x"],
  ["Dr. Paloski", "colleague of x, mentor of x"],
  ["Yilin Carter", "colleague of x"]
],
"Hans Li Morette": [
  ["Drake Li Morette", "brother in law of x"],
  ["Hans Li Morette", "husband of x"]
],
"Sylvia Costa": [
  ["Hans Li Morette", "husband of x"]
],
...
    
```

Drake Li Morette.json

Compare with Human Annotation

```

"Sylvia Costa": [
  ["Head Nurse Costa", "same person as x (different reference)"]
],
"Head Nurse Costa": [
  ["Sylvia Costa's mother", "mother of x"],
  ["Hans Li Morette", "colleague of x, manipulated by x, deceived by x"],
  ["Gale Li Morette", "lawyer of x"],
  ["Drake Li Morette", "colleague of x"],
  ["Andrew Paloski", "colleague of x"],
  ["Elaine Carter", "colleague of x"],
  ["Richard Berkeley", "superior of x, colleague of x"],
  ["James Lai Li", "creditor of x, manipulator of x"],
  ["Sylvia Costa", "same person as x (different reference)"]
],
"Jim Mason": [
  ["Sylvia Costa", "perpetrator of x"],
  ["Hans Li Morette", "in the lawsuit against x, perpetrator of x, doctor of x"]
],
...
    
```

all.json