1. CountVectorizer.py

Choose Reason: We thought that by using the frequency of occurrence of each word in the text as a marker, we could make a judgment based on what words the author tends to use most often.

2. Passive_value.py

Choose Reason: Comparing passive and non-passive forms, we can see which is used more often, and we thought we would try to characterize the author by that.

3. TfidfVectorizer.py

Choose Reason: We decided to take this into account because knowing the scarcity of a word will give us an idea of what words authors tend to use less often.

4. analysis_adverbs.py

Choose Reason: The difference between the adverbs fronted adverbs of manner and regular adverbs of manner shows which usage the author uses more often, so we thought it could be used as an authorship marker.

5. analysis_initial_delayed_adverbs.py

Choose Reason: The use of sentence-initial transitional adverbs and delayed transitional adverbs varies from author to author, and we thought this would help us identify authors.

6. attributive_and_predicative_adjective_value.py

Choose Reason: We decided to use adverbs because they indicate how the author prefers to structure sentences by whether they are used to connect minutes between sentences or at the beginning of a sentence.

7. count_coordinate_adjective_usage.py

Choose Reason: The use of "," after an adjective should be able to capture the characteristics of the author.

8. noun_phrases_count.py

Choose Reason: We thought that counting the number of occurrences of noun phrases would be useful in identifying the author's most frequently used words.

9. phrasal_verbs_value.py

Choose Reason: We thought that the frequency of occurrence of phrasal verbs would reveal how much the author uses collocations and lead to deeper identification.

10. pos_tag_ratio.py

Choose Reason: Because we thought we could identify the author by the TOKEN ratio.