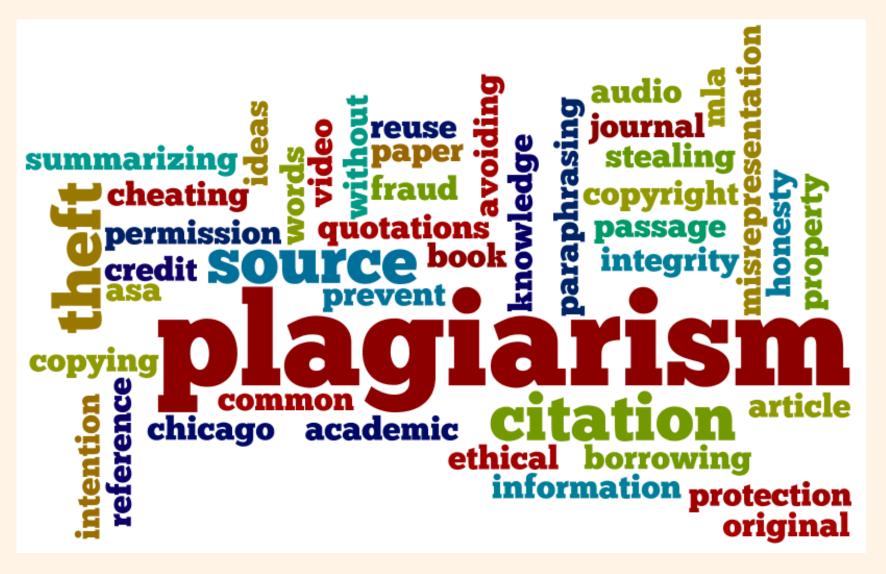
TURNITUP: A Plagiarism Check Application for Documents



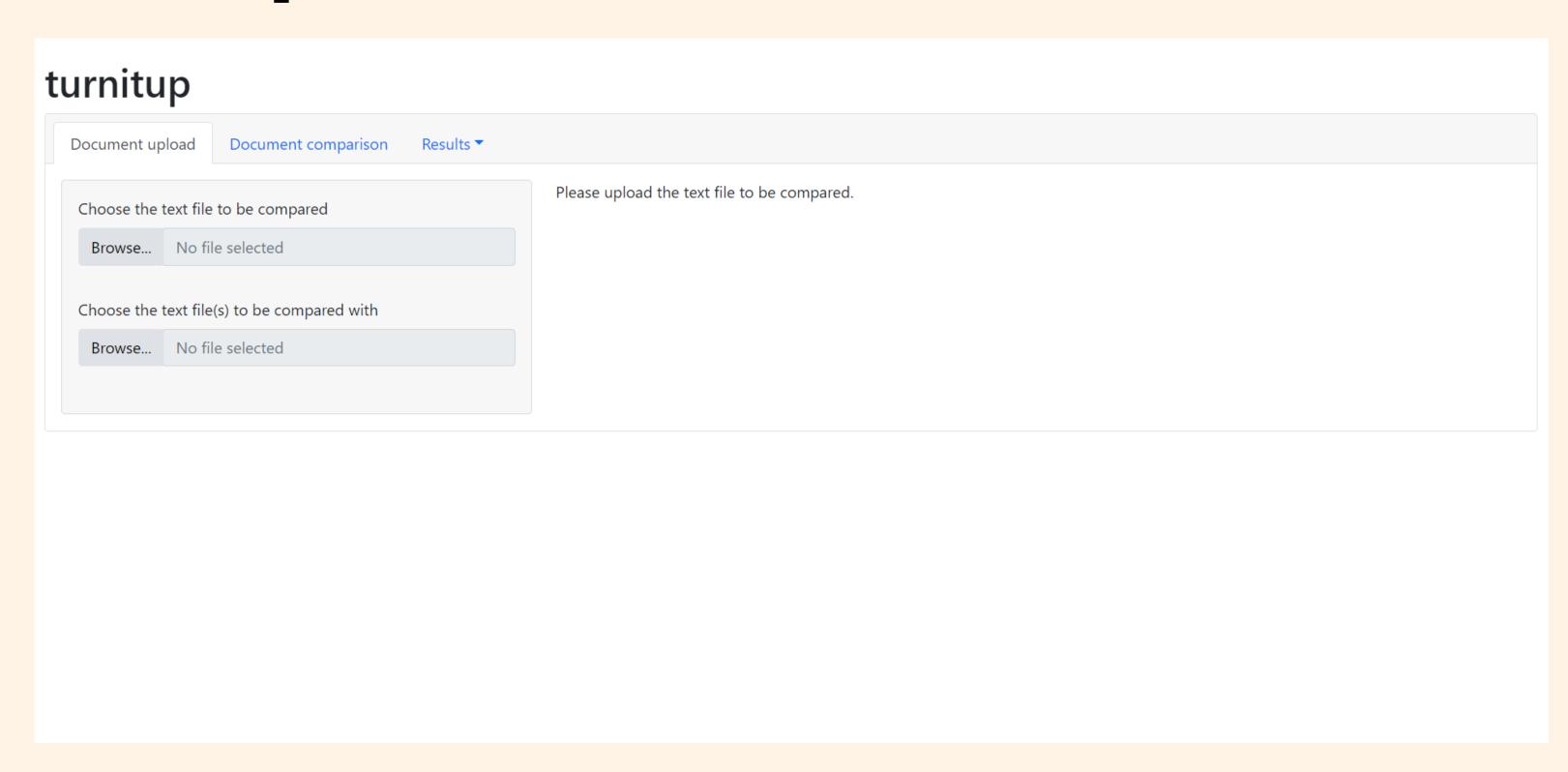
Mehmet Kadri GOFRALILAR

Plagiarism

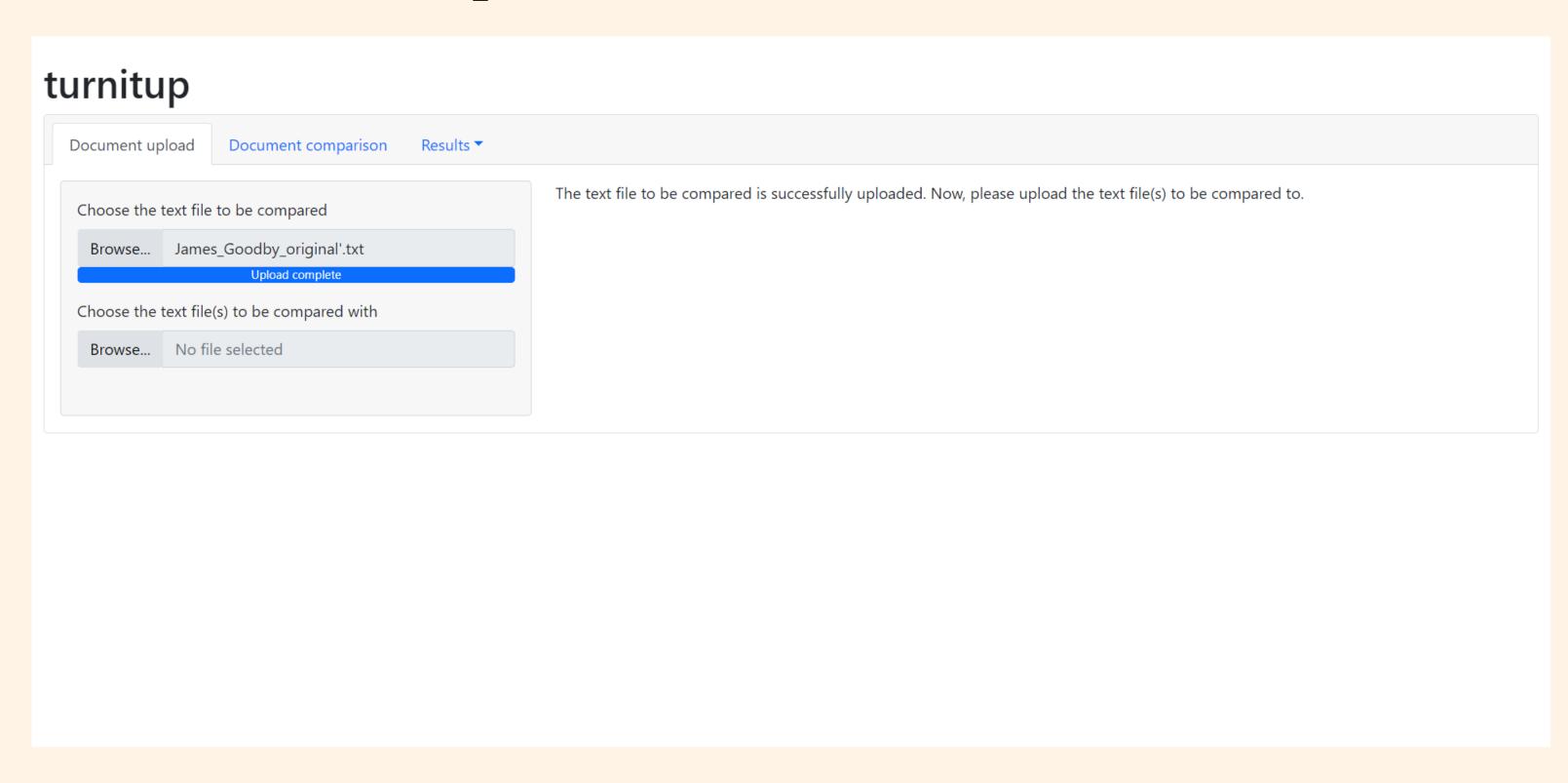




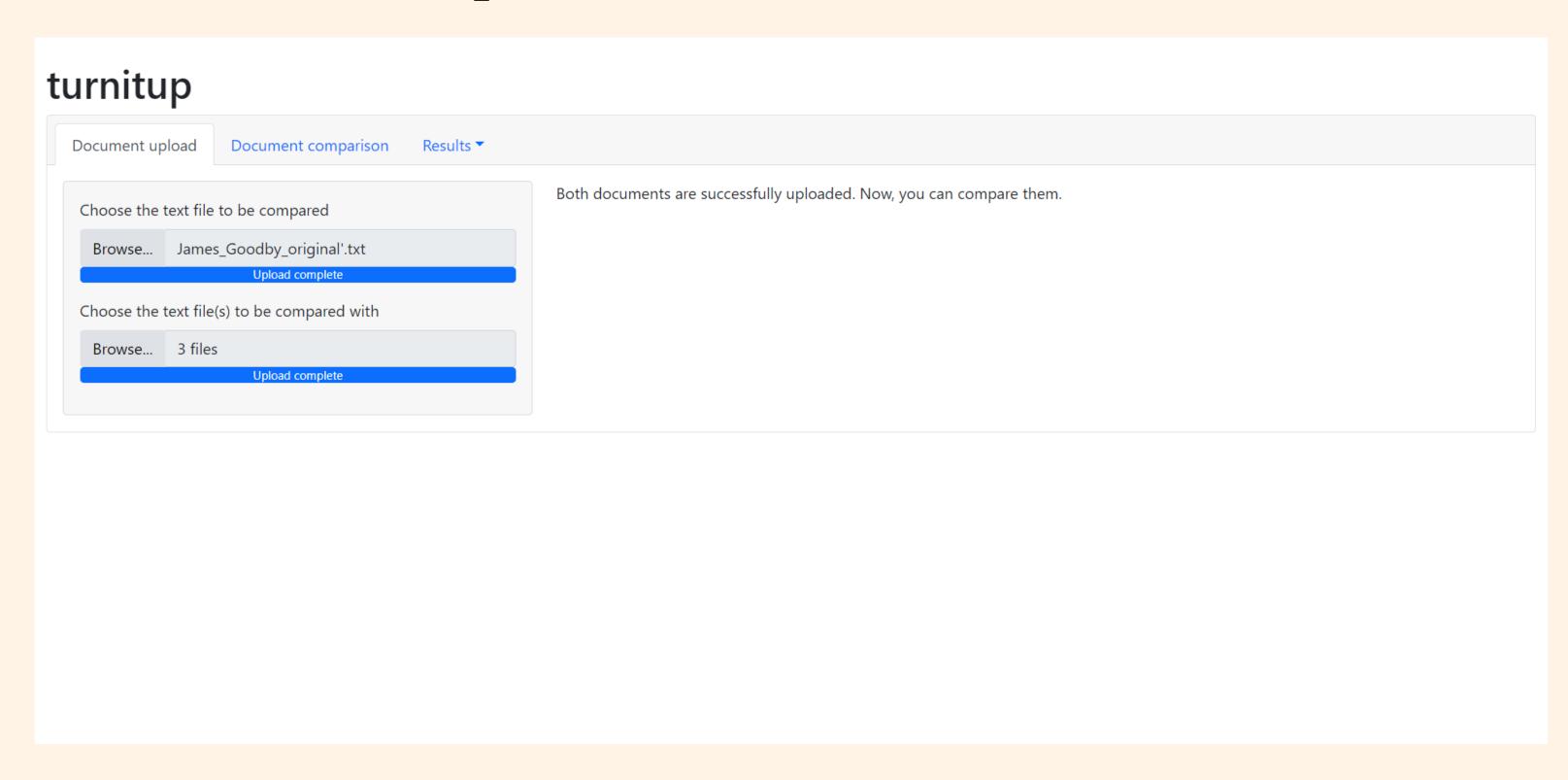
Turnitup



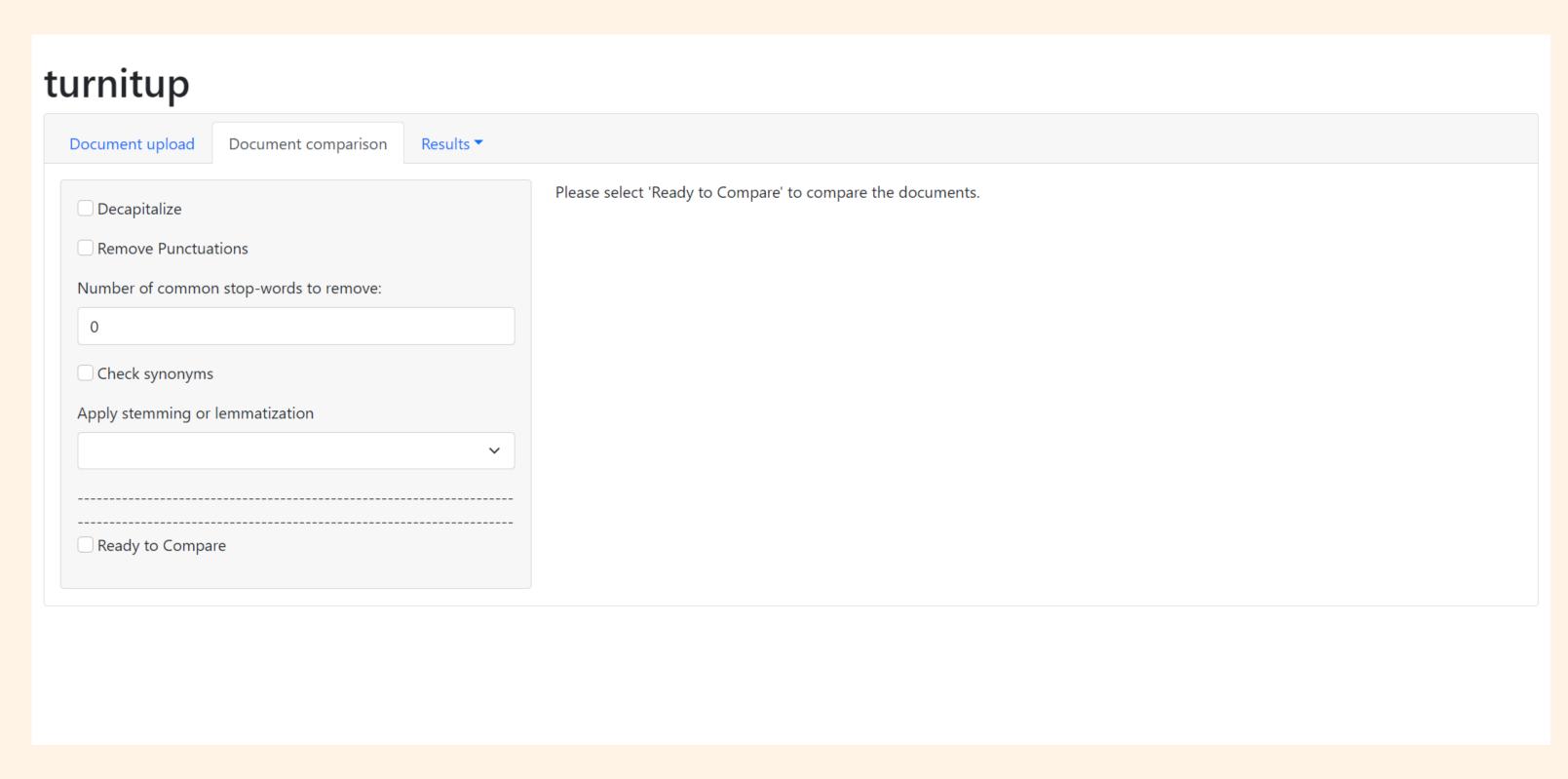
Document Upload



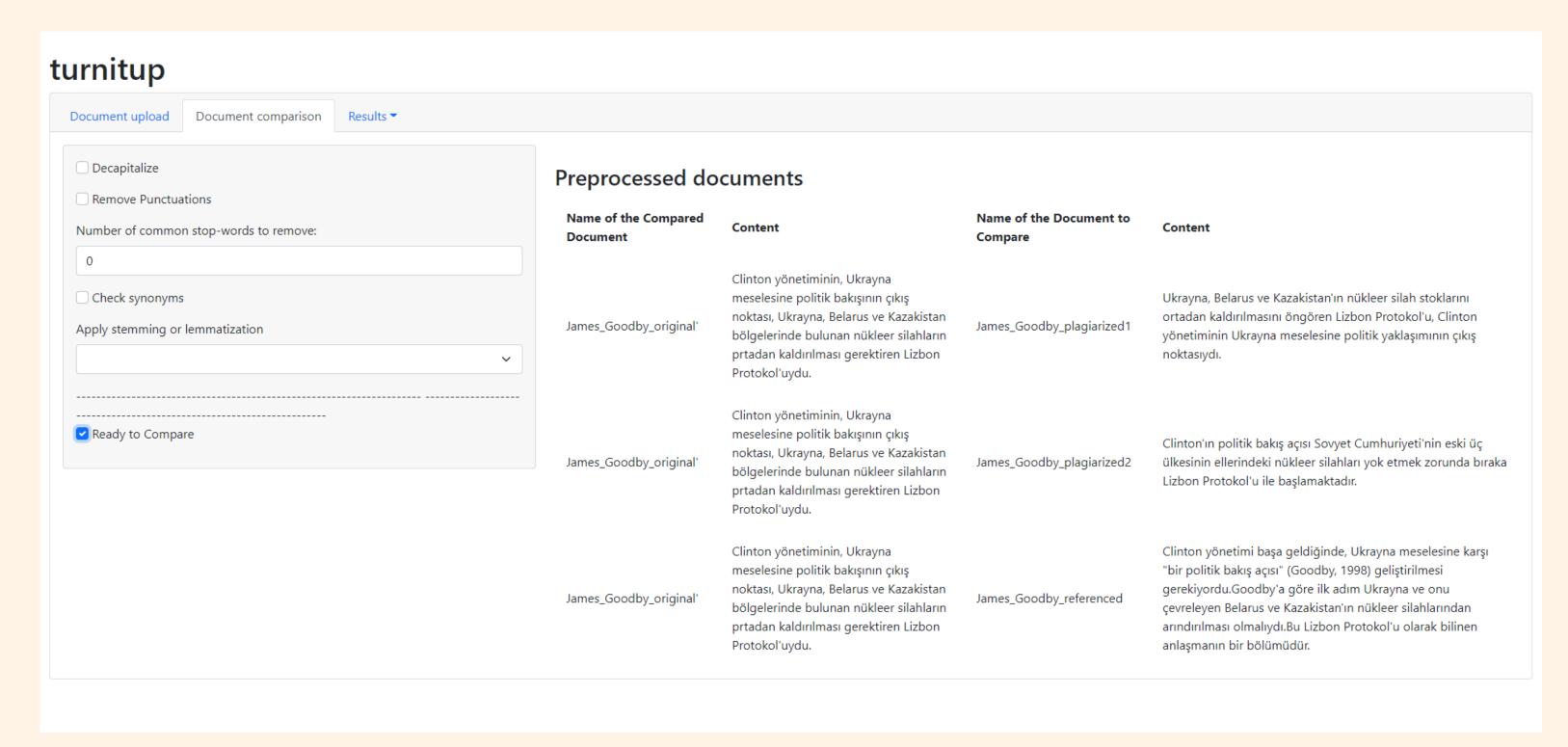
Document Upload



Document Comparison



Documents To Be Compared



Comparison Results (no preprocessing)

turnitup

Document upload Document comparison Results ▼

Overall Similarity

The overall similarity between documents is as follows:

James_Goodby_original'.txt and James_Goodby_plagiarized1.txt: 0.838600000000001

Similarity between each sentence

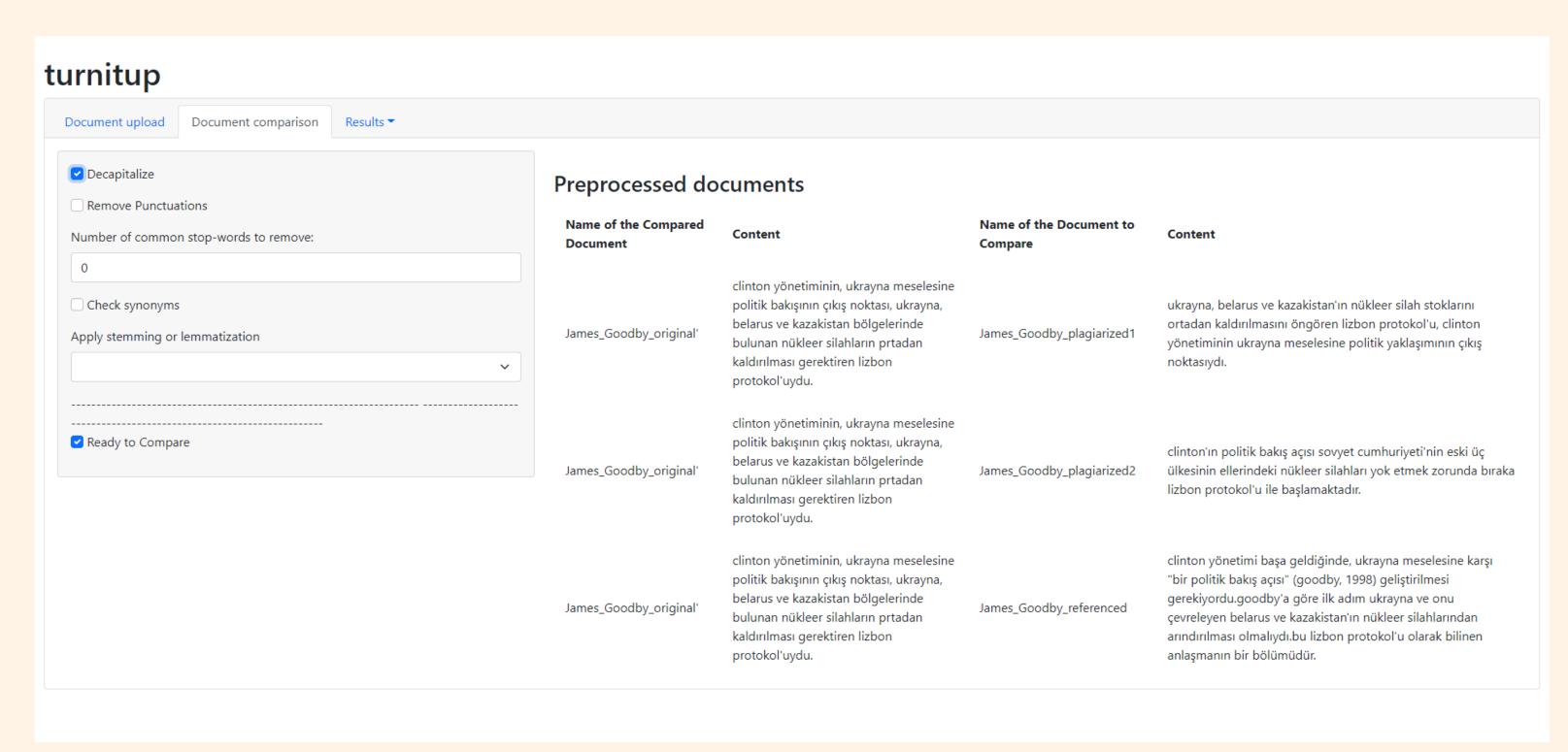
The similarity between each sentence that is higher than the limit is shown in the table below.

James_Goodby_original'.txt Sentence Index	Sentence	Compared Document Name	Sentence Index	Sentence	Similarity
1	Clinton yönetiminin, Ukrayna meselesine politik bakışının çıkış noktası, Ukrayna, Belarus ve Kazakistan bölgelerinde bulunan nükleer silahların prtadan kaldırılması gerektiren Lizbon Protokol'uydu.	James_Goodby_plagiarized1.txt	1	Ukrayna, Belarus ve Kazakistan'ın nükleer silah stoklarını ortadan kaldırılmasını öngören Lizbon Protokol'u, Clinton yönetiminin Ukrayna meselesine politik yaklaşımının çıkış noktasıydı.	0.8386

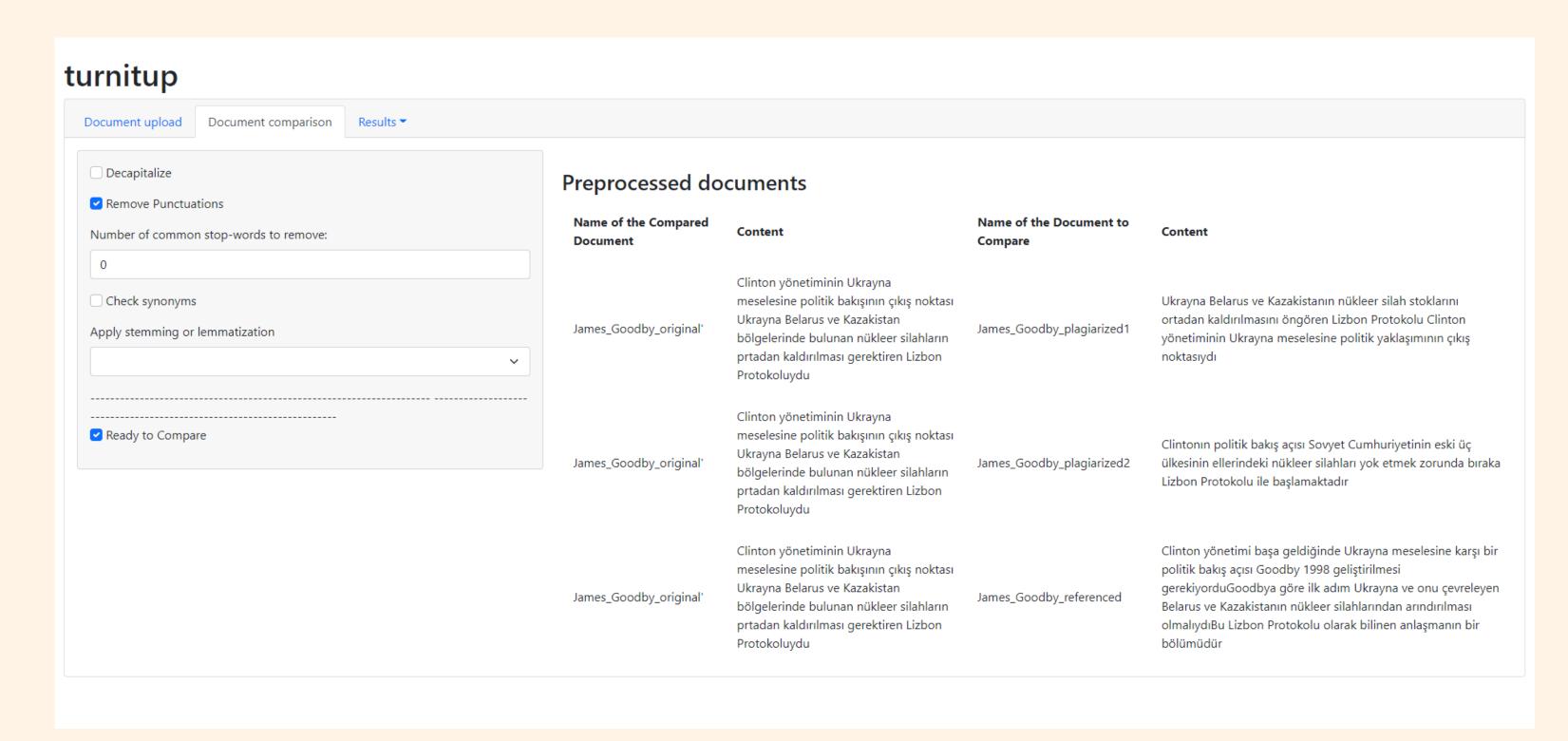
Comparison Results (no preprocessing)



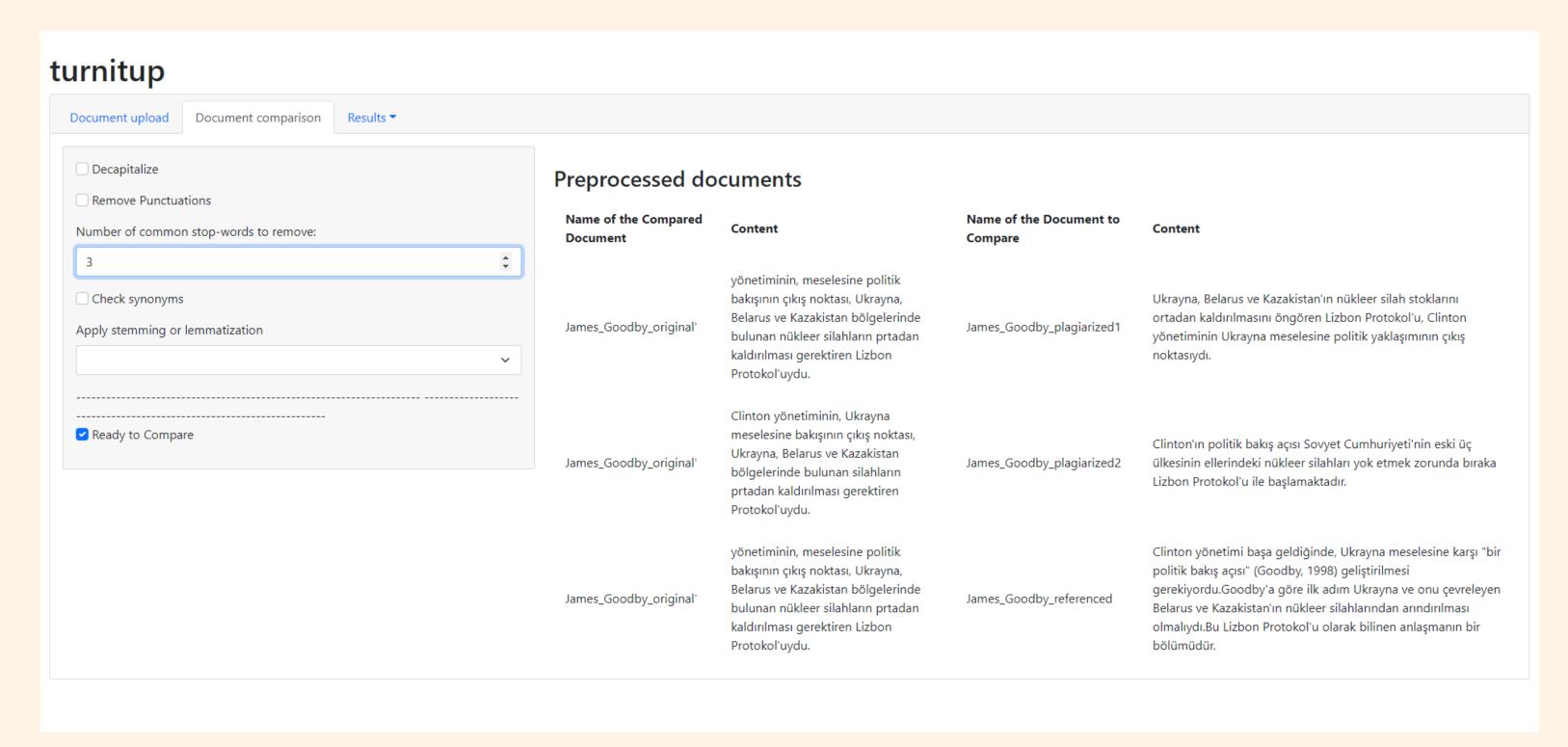
Decapitalization



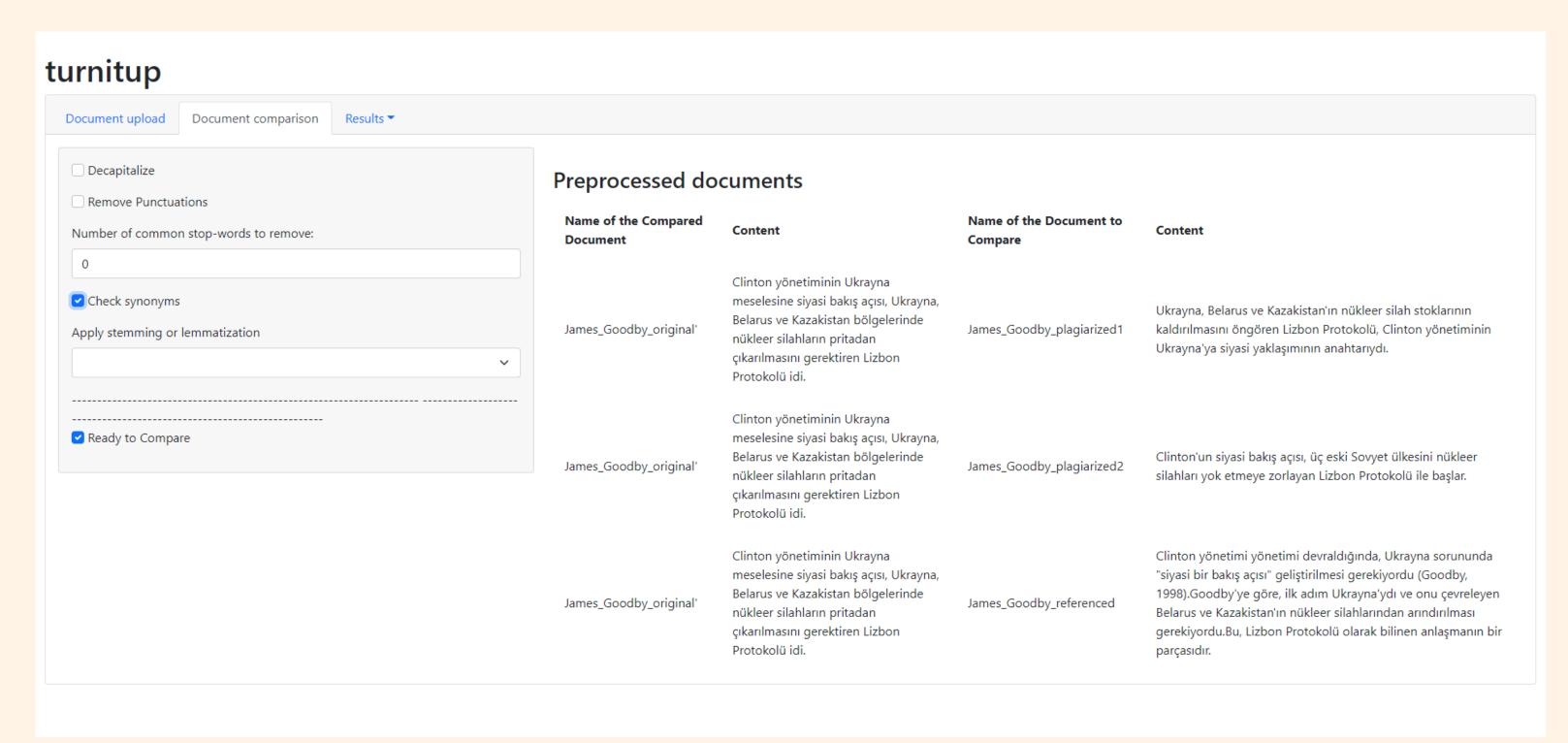
Punctuation Removal



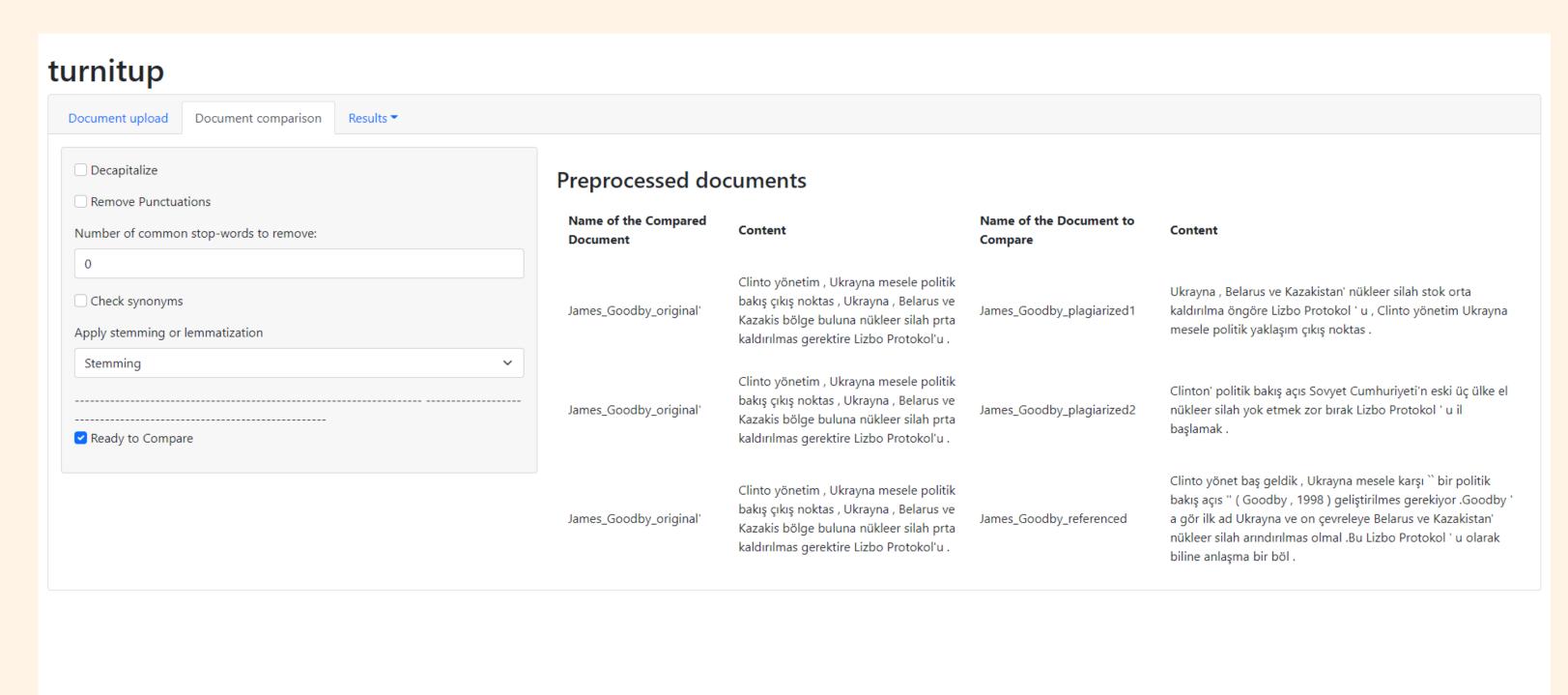
Stop-word Removal



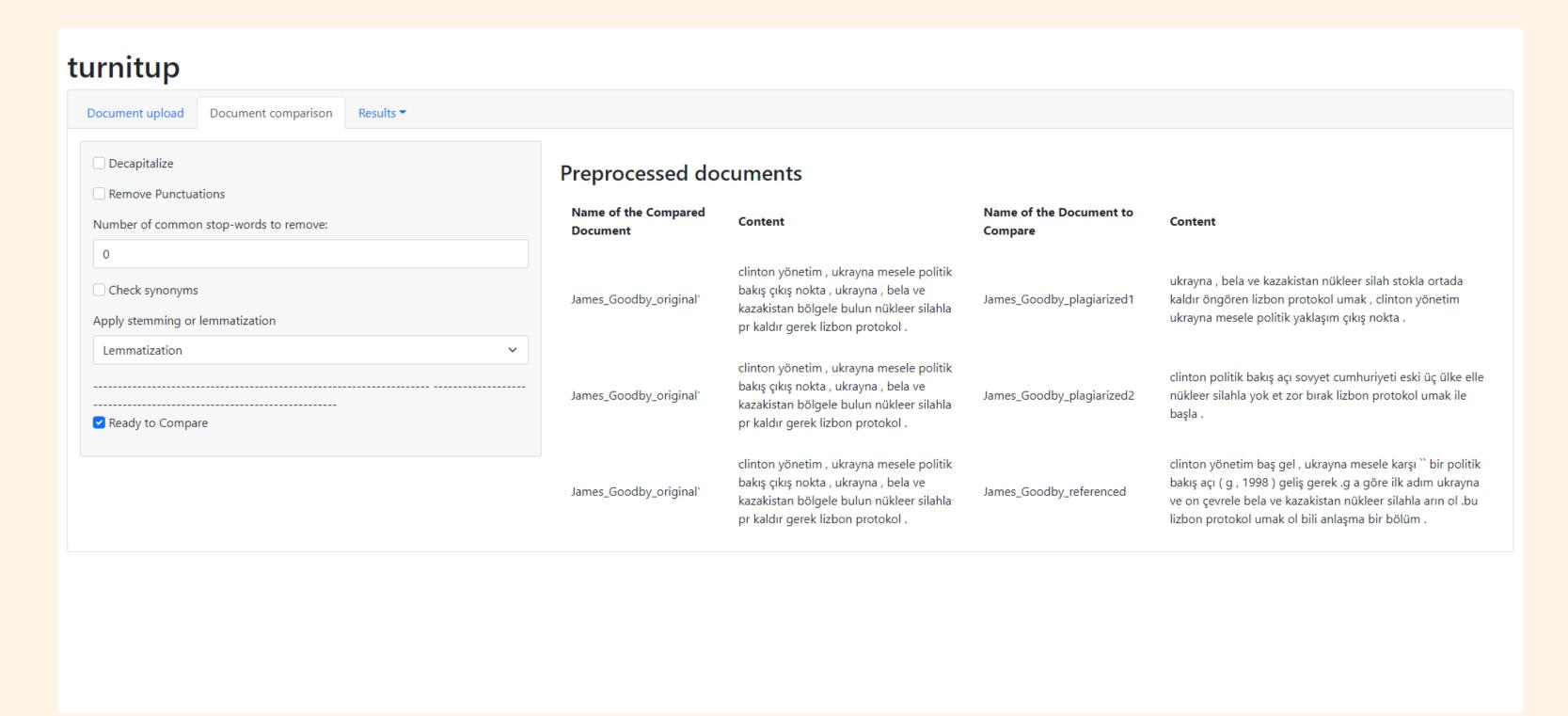
Synonym Check



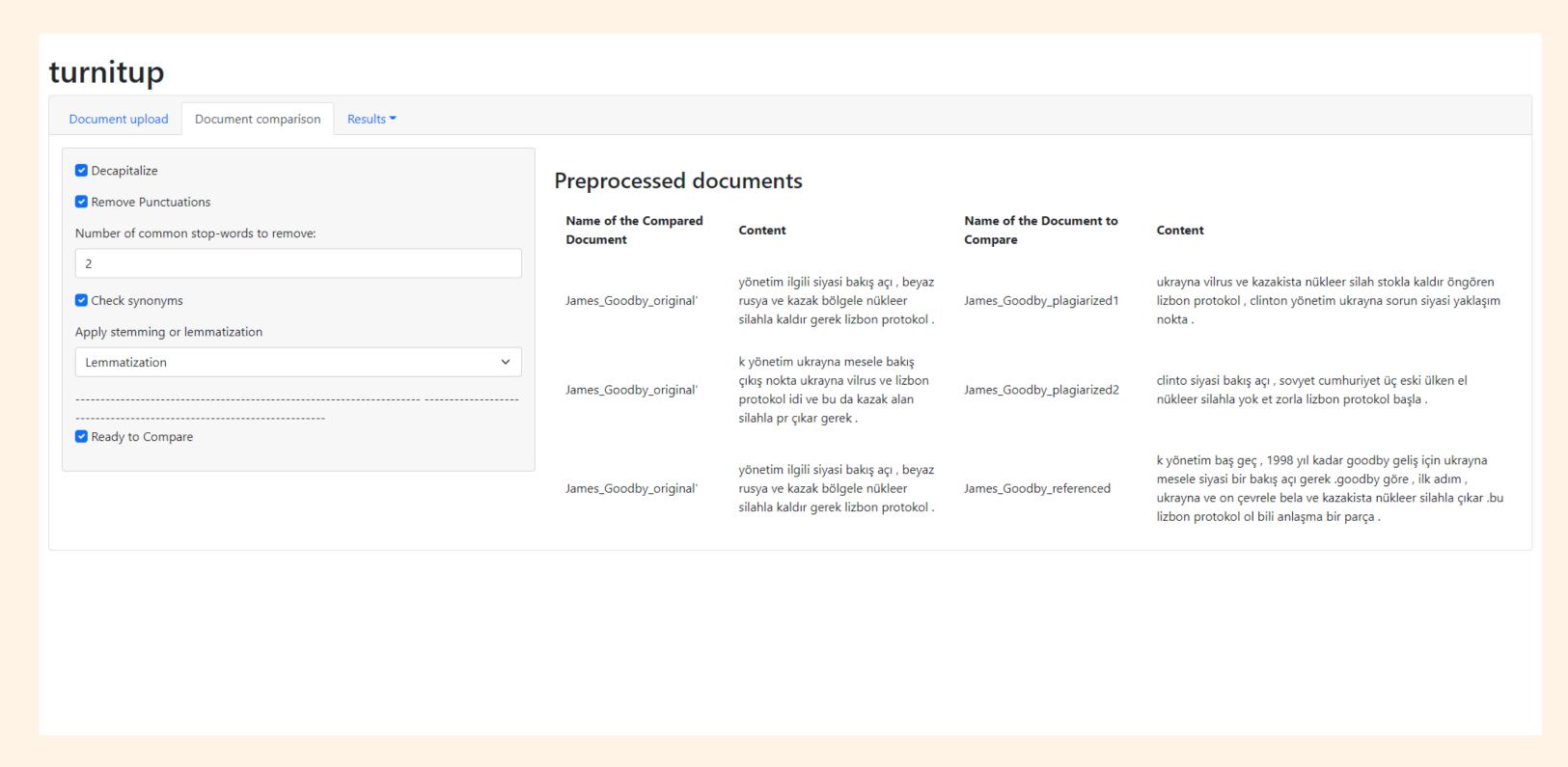
Stemming



Lemmatization



Combined Preprocessing



Comparison Results

turnitup

Document upload Document comparison Results ▼

Overall Similarity

The overall similarity between documents is as follows:

James_Goodby_original'.txt and James_Goodby_plagiarized1.txt: 0.7484

Similarity between each sentence

The similarity between each sentence that is higher than the limit is shown in the table below.

James_Goodby_original'.txt Sentence Index	Sentence	Compared Document Name	Sentence Index	Sentence	Similarity
1	Clinton yönetiminin, Ukrayna meselesine politik bakışının çıkış noktası, Ukrayna, Belarus ve Kazakistan bölgelerinde bulunan nükleer silahların prtadan kaldırılması gerektiren Lizbon Protokol'uydu.	James_Goodby_plagiarized1.txt	1	Ukrayna, Belarus ve Kazakistan'ın nükleer silah stoklarını ortadan kaldırılmasını öngören Lizbon Protokol'u, Clinton yönetiminin Ukrayna meselesine politik yaklaşımının çıkış noktasıydı.	0.7484

Removed Common Words

The common words that are removed from the documents while checking similarity are as follows:

James_Goodby_original'.txt and James_Goodby_plagiarized1.txt have most frequently used common words:['ukrayna', 'clinton']

James_Goodby_original'.txt and James_Goodby_plagiarized2.txt have most frequently used common words:['politik', 'nükleer']

James_Goodby_original'.txt and James_Goodby_referenced.txt have most frequently used common words:['ukrayna', 'clinton']

Comparison Results



Future Work

```
//Scanner
                                                                                             //Scanner
Scanner s = new Scanner(System.in);
                                                                                             Scanner s = new Scanner(System.in);
int n = s.nextInt();
                                                                                             n = s.nextInt();
     int m = s.nextInt();
                                                                                             m = s.nextInt();
     int[] a=new int[n];
                                                                                             int ma[]=new int[n];
     int[] b=new int[m];
                                                                                             int nma[]=new int[m];
     int i;
for ( i = 0; i < n; i++) {
                                                                                             for(i=0;i<n;i++)
  a[i]=s.nextInt();
                                                                                                    ma[i]=s.nextInt();
for ( i = 0; i < m; i++) {
                                                                                                    for(i=0;i<m;i++)
   b[i]=s.nextInt();
                                                                                                    nma[i]=s.nextInt();
                                                                                     47
     int[] fa=new int[n];
     int[] fb=new int[m];
     int[] ga=new int[n];
```

References

- https://shiny.rstudio.com/py/
- https://yunus.hacettepe.edu.tr/~tonta/courses/spring2008/bby208/bb y208-7-intihal-asirma-calma-kopyalama.pdf
- https://www.sbert.net/docs/usage/semantic_textual_similarity.html
- https://huggingface.co/Helsinki-NLP/opus-mt-tc-big-en-tr
- https://huggingface.co/Helsinki-NLP/opus-mt-tr-en
- https://github.com/akoksal/Turkish-Lemmatizer
- https://aanilkayy.medium.com/pythonda-snowball-stemmer-kullanılması-e91ed9be8e9e

Thank you..