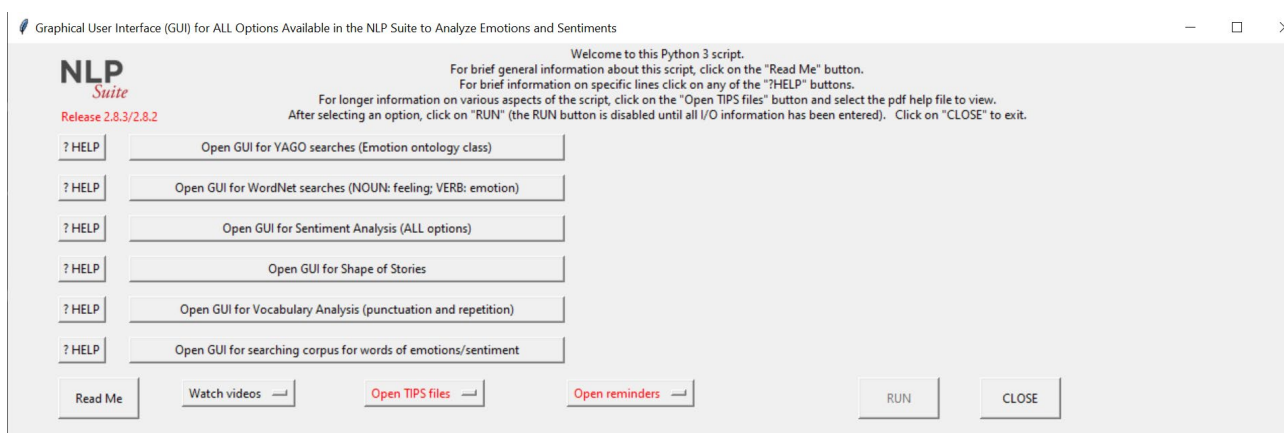


## The Word of Emotions and Sentiments

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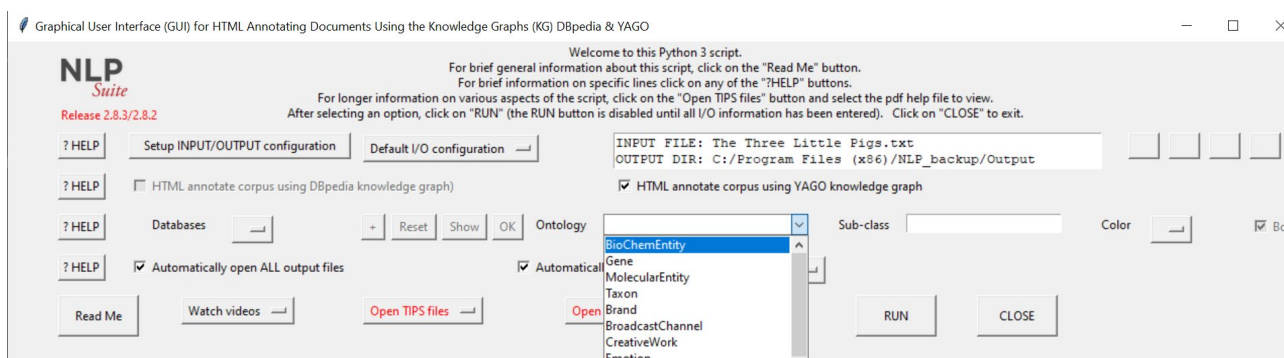
### Approaches to emotions and sentiments

The NLP Suite offers several ways of analyzing emotions and sentiments. You can access all available options via the script `sentiments_emotions_ALL_main.py`.



### YAGO with ontology class Emotion

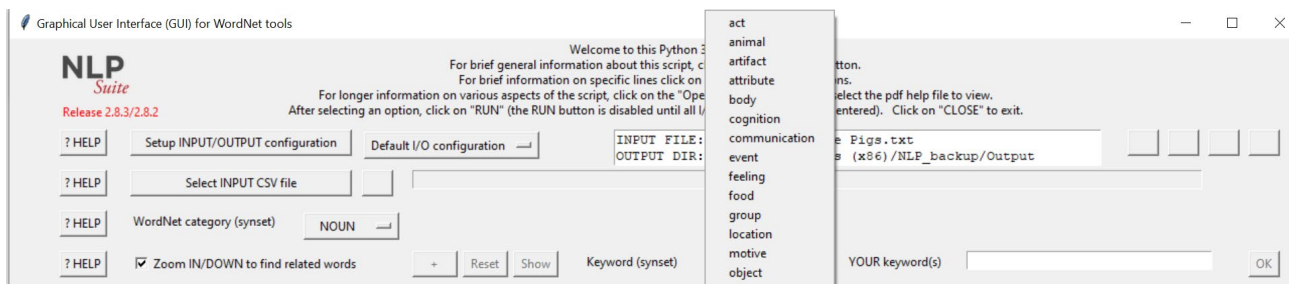
Click on the button *Open GUI for YAGO searches (Emotion ontology class)*.



The YAGO knowledge graph will annotate your corpus for emotions by selecting the Emotion ontology class.

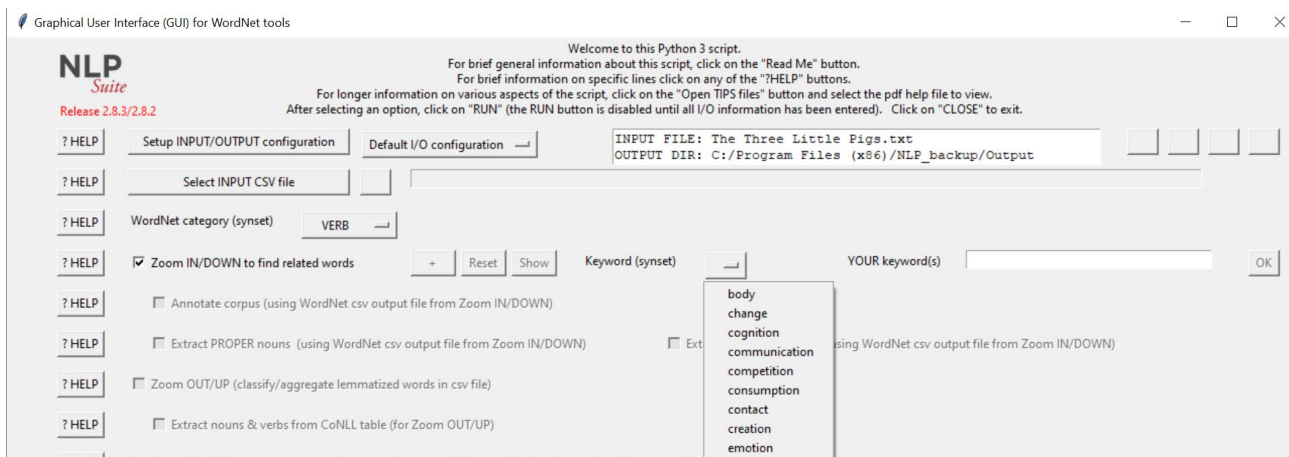
### WordNet (NOUN: feeling; VERB: emotion)

Click on the button *Open GUI for WordNet searches (NOUN: feeling; VERB: emotion)*.



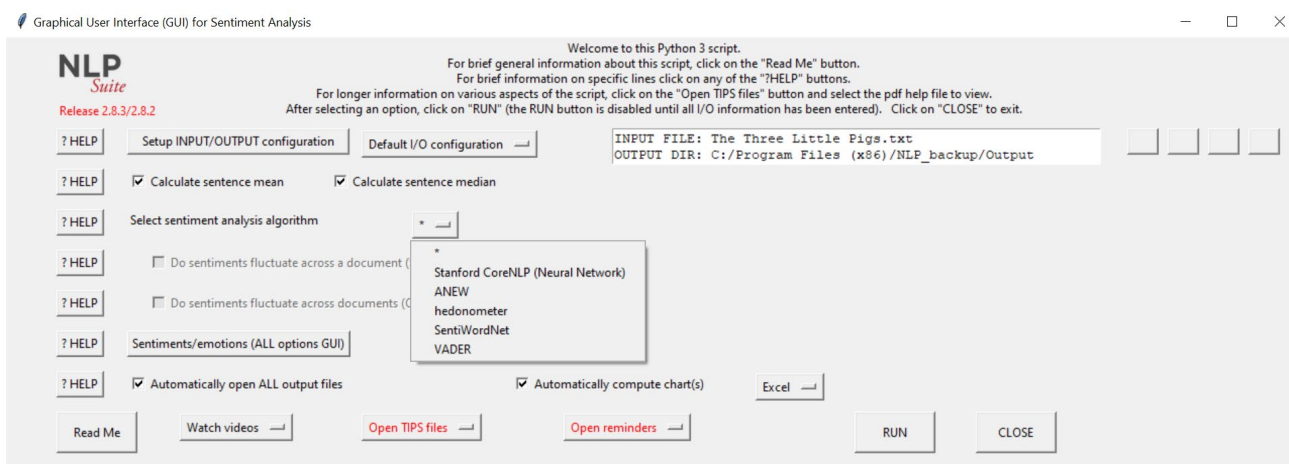
The WordNet category (synset) feeling for NOUN will give you a list of all nuns that express feelings. You can then use the list to annotate your corpus.

Selecting VERB as the WordNet category and emotion you can get a list of all verbs that express emotions. You can then use the list to annotate your corpus.



## Sentiment Analysis algorithms

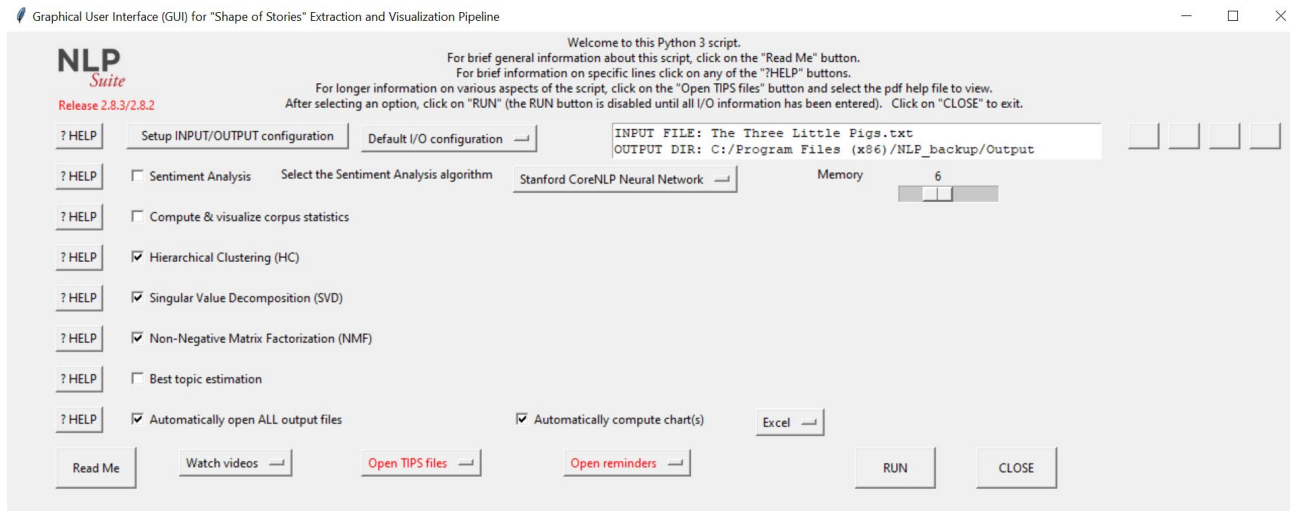
Click on the button *Open GUI for Sentiment Analysis (ALL options)*.



The GUI will give you access to the heart of sentiment analysis, to the algorithms that carry out sentiment analysis. Various approaches are available, the Stanford CoreNLPP neural network approach, no doubt the most accurate, and the dictionary based approaches from ANEW to hedonometer, SentiWordNet, and VADER, mostly designed for social media platforms.

## *The Shape of stories*

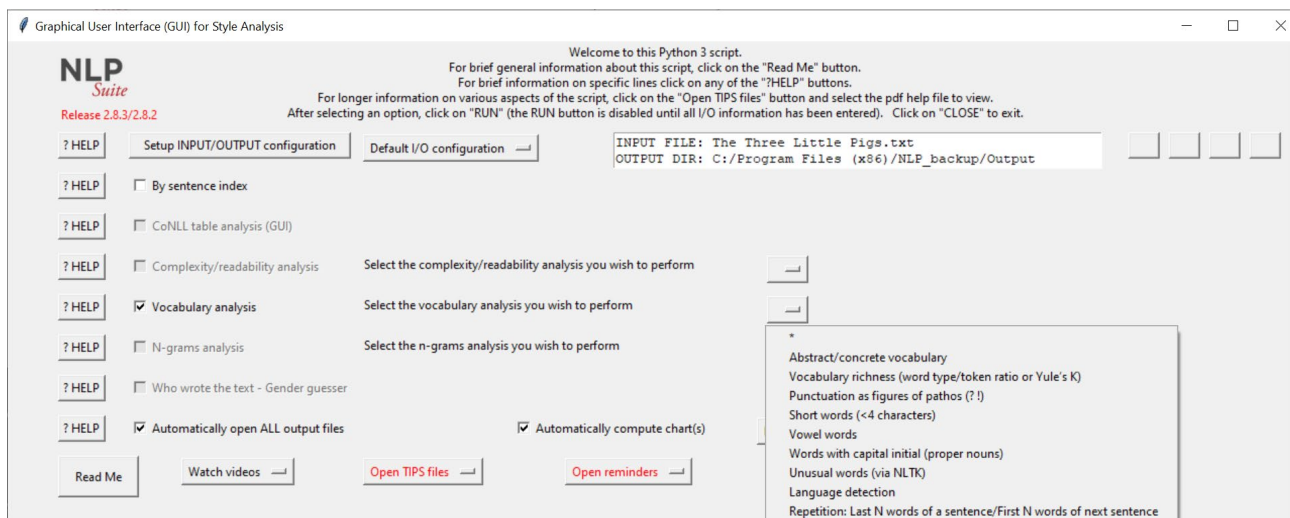
Click on the button *Open GUI for Shape of Stories*.



Using the scores computed by the sentiment analysis algorithms, the algorithms will compute and visualize the underlying common shapes across stories.

## *The rhetorical approach: Figures of pathos (punctuation and repetition)*

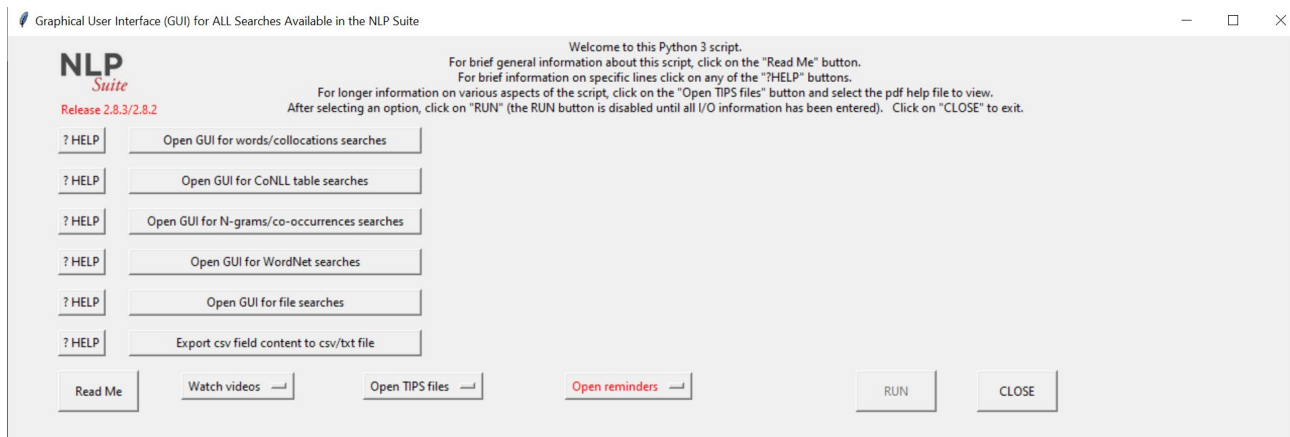
Click on the button *Open GUI for Vocabulary Analysis (punctuation and repetition)*.



The GUI will allow you to extract any question marks and exclamation marks. These punctuation symbols have been labeled in rhetoric as “figures of pathos.” We express our emotions with the use of ? and !, sometimes repeatedly ??? or in combination ??!  
Similarly, in rhetoric, repetition is used to express pathos, sometimes in combination with ? or ! as in “Why? Why? Why?”

## *Searching for words of emotions/sentiment*

Click on the button *Open GUI for searching corpus for words of emotions/sentiment*.



The GUI will give you access to all search options available in the NLP Suite. You can then search your corpus for words of emotions/feelings as extracted via YAGO and WordNet.