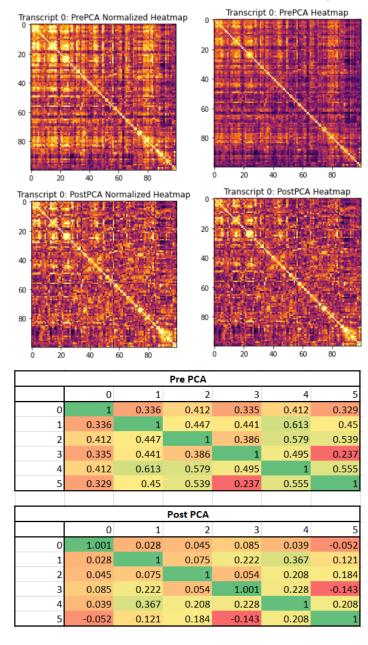
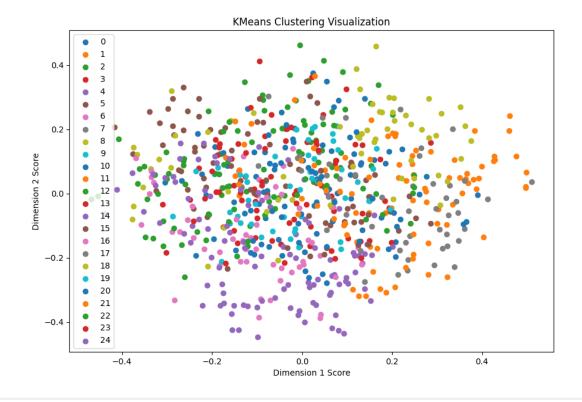
Understanding Results

- There are multiple opportunities for data comparison throughout the program.
- There are outputs of segmentation, cosine similarity heatmaps, embeddings, filtered sentences, excluded sentences, plots of clusters of semantically similar and different ideas.
 - Examples: PrePCA and PostPCA of raw and normalized cosine similarity maps can be seen below. The data is also saved into a .csv matrix so exact number values can be used to further evaluate how the system identifies sentences.





- Comparing segments of related sentences to the heatmap can be a method of evaluating how successful the program was
- Evaluating the excluded sentences by identifying if they are unrelated to the text can help evaluate progress
- Finally, evaluating Clusters of similar/different ideas can be helpful in evaluating the success of the program in semantic embedding of long text documents