Training Data

To find large amounts of poetry, we scraped the Poetry Foundation's online poetry database. They categorize poems by time periods (more on this later), so we did the same. We trained the model on one time period at a time from their database, and used each resulting matrix to generate several poems, each from a different time period.

Observations and inference

To test the accuracy with which the process we employed generates convincing poems we devised a test with the goal of finding two primary things:

a. The accuracy of the machine-generated poems in resembling human-made ones.

b. The accuracy of the machine-generated poems in adapting to the linguistic and poetic styles of the different time periods used to feed the algorithm.