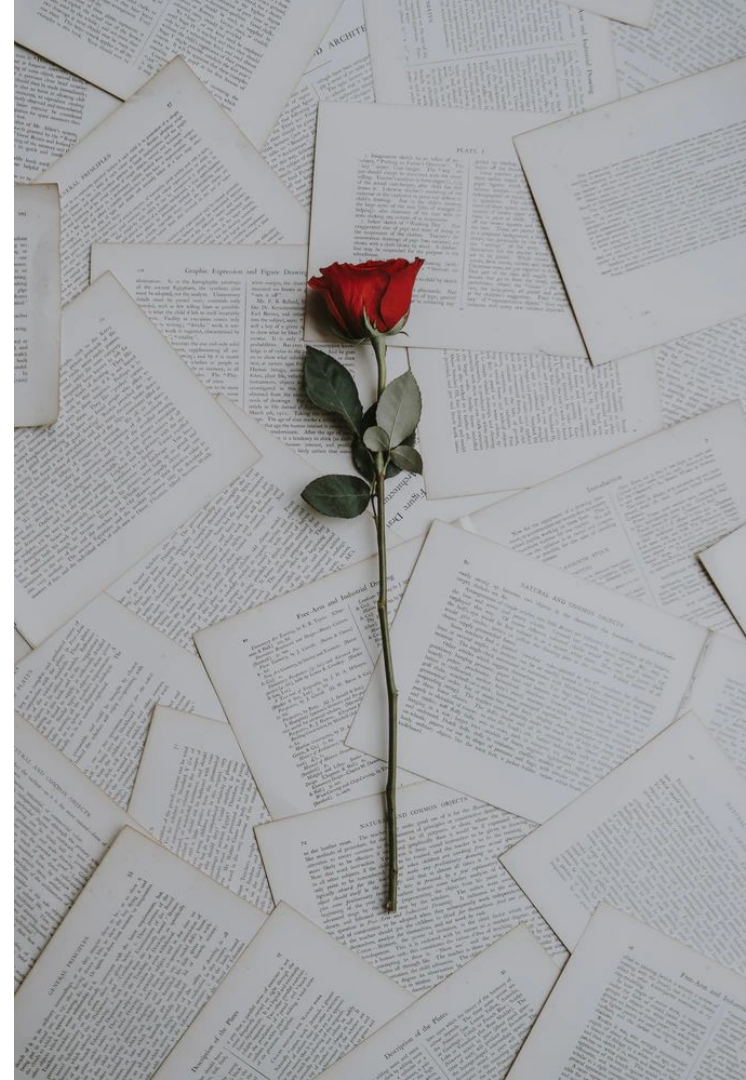


# Love Poems Over Time



# Data

418 poems

- Pre-2000
- Post-2000



# Modeling

Topic Modeling

- NMF
- Nouns-only

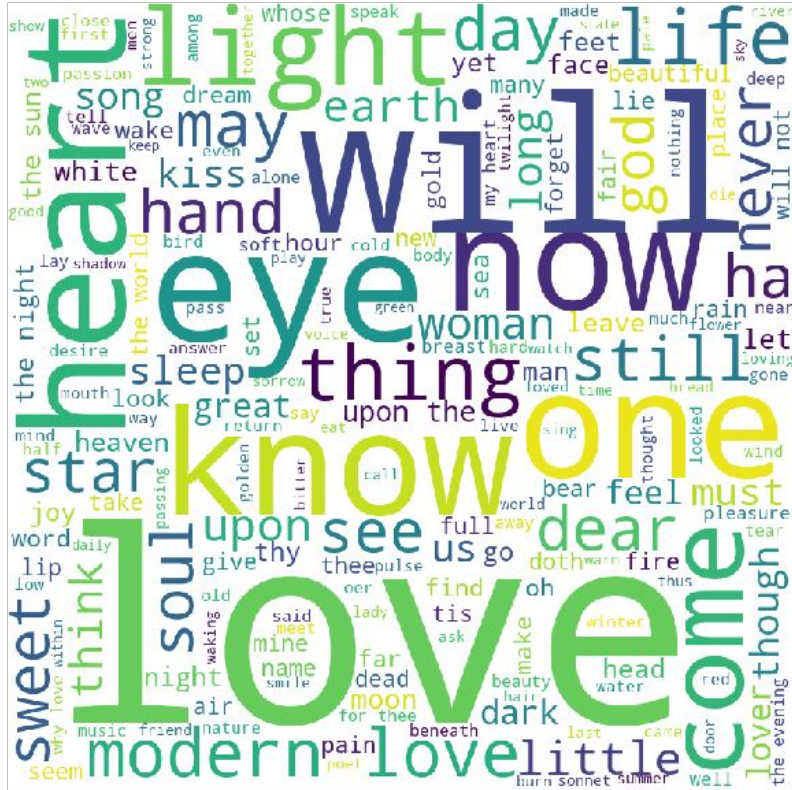
Sentiment Analysis

- Subjectivity
- Positive Sentiment
- Negative Sentiment

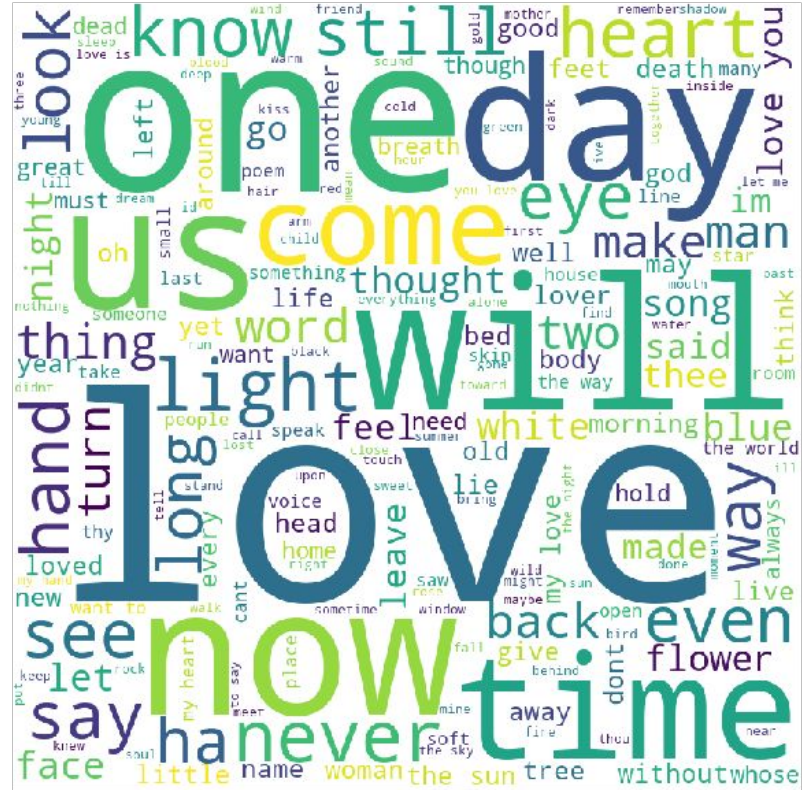


What do  
we start  
with?

# Pre-2000



# Post-2000







# Topics



## Metaphysical

- 'night'
- 'life'
- 'world'
- 'sea'
- 'body'
- 'soul'
- 'wind'
- 'God'

## Affectionate

- 'way'
- 'day'
- 'kiss'
- 'home'
- 'breath'
- 'tenderness'
- 'face'
- 'morning'

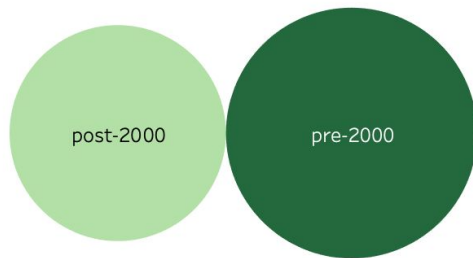
## Time

- 'moon'
- 'morning'
- 'sun'
- 'song'
- 'night'
- 'noon'
- 'side'
- 'beautiful'

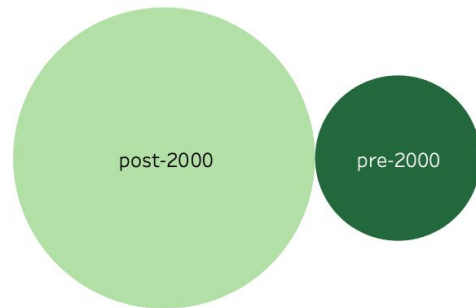
## Concrete

- 'man'
- 'time'
- 'mother'
- 'poem'
- 'room'
- 'door'
- 'someone'
- 'father'

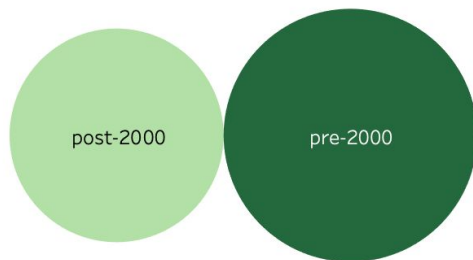
# Metaphysical



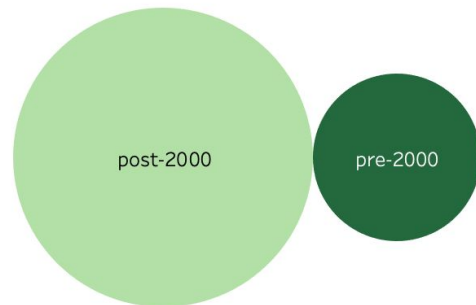
# Affectionate



# Time



# Concrete





Sentiment



	Negative Sentiment	Positive Sentiment	Subjectivity
post-2000	0.066884	0.066884	0.066884
pre-2000	0.076260	0.076260	0.076260

# Future Work

Better data  
representation  
over time

Classifying poems as  
'love poems'?



Questions?

