

Emily Dickinson NLP

A large, two-story yellow house with green shutters and a balcony, surrounded by trees. The house has a prominent chimney and a small porch on the left side. The background is filled with bare trees, suggesting a late autumn or winter setting.

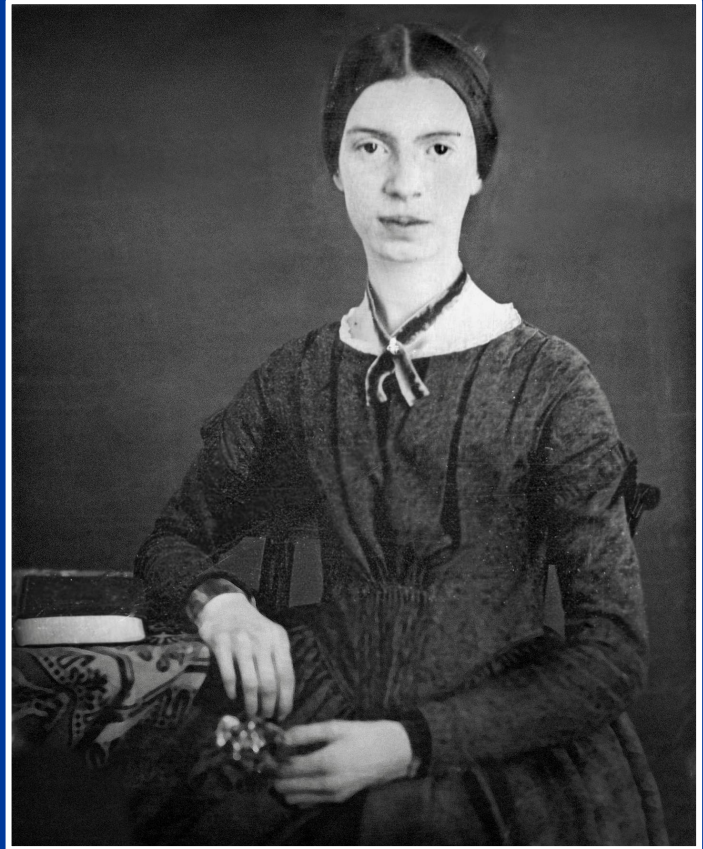
Alexander Sigrist

Overview

- Background
- Topic Model
- Validation
- Next Steps

Background

- Who was she?
- What did she do?
- Why are we analyzing this?



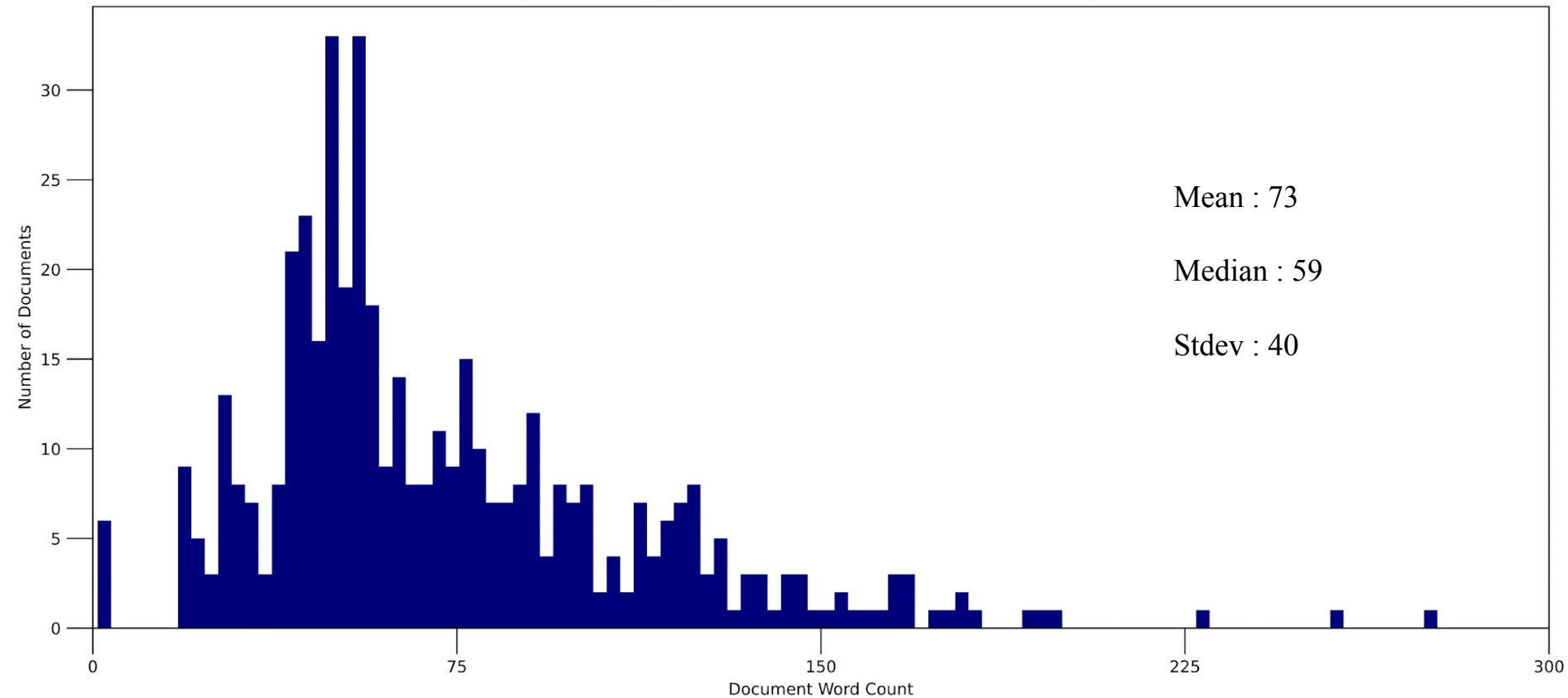
Data

1890 Publication of Emily
Dickinson's Poetry *

* Via Project Gutenberg

- 450~ Poems
 - Organized into themes
 - Heavily Edited
-

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will upon life
never day time know
away eye
summer
night
sun
yet
bird
bee
heaven
till
little

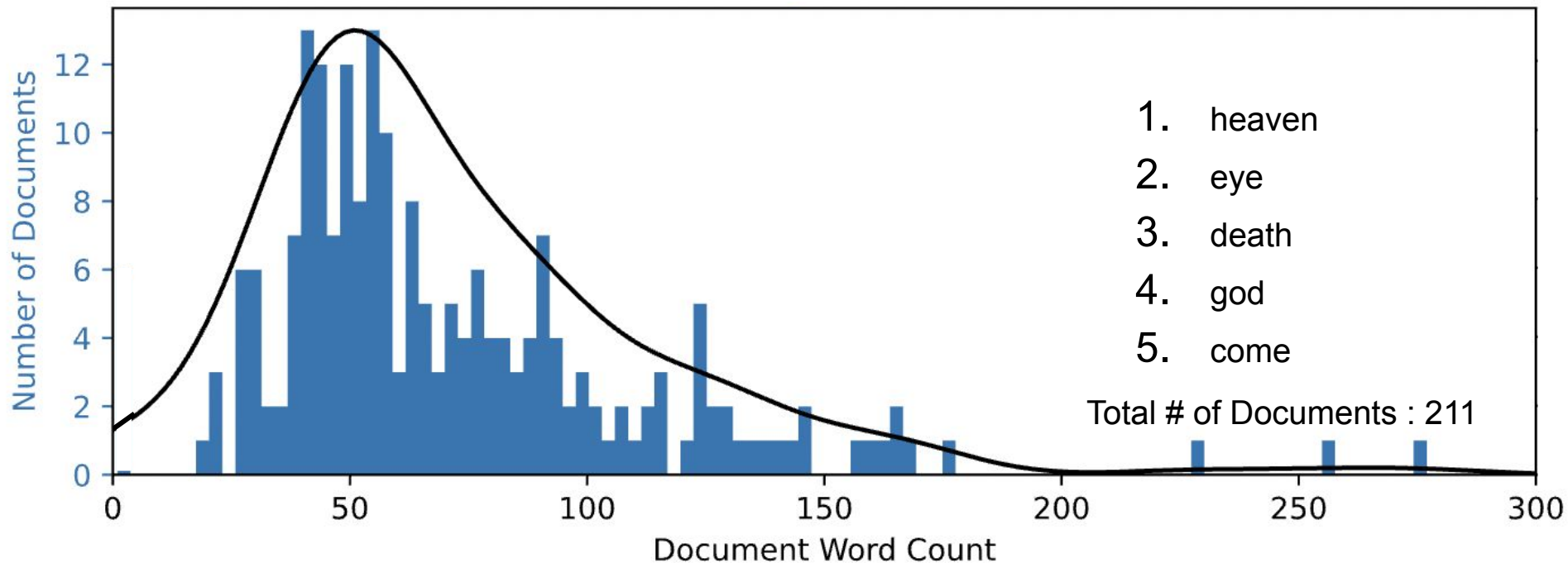
Topics

NMF topic modeling

- Spirituality
- Love
- Communication
- Nature
- Time/Eternity

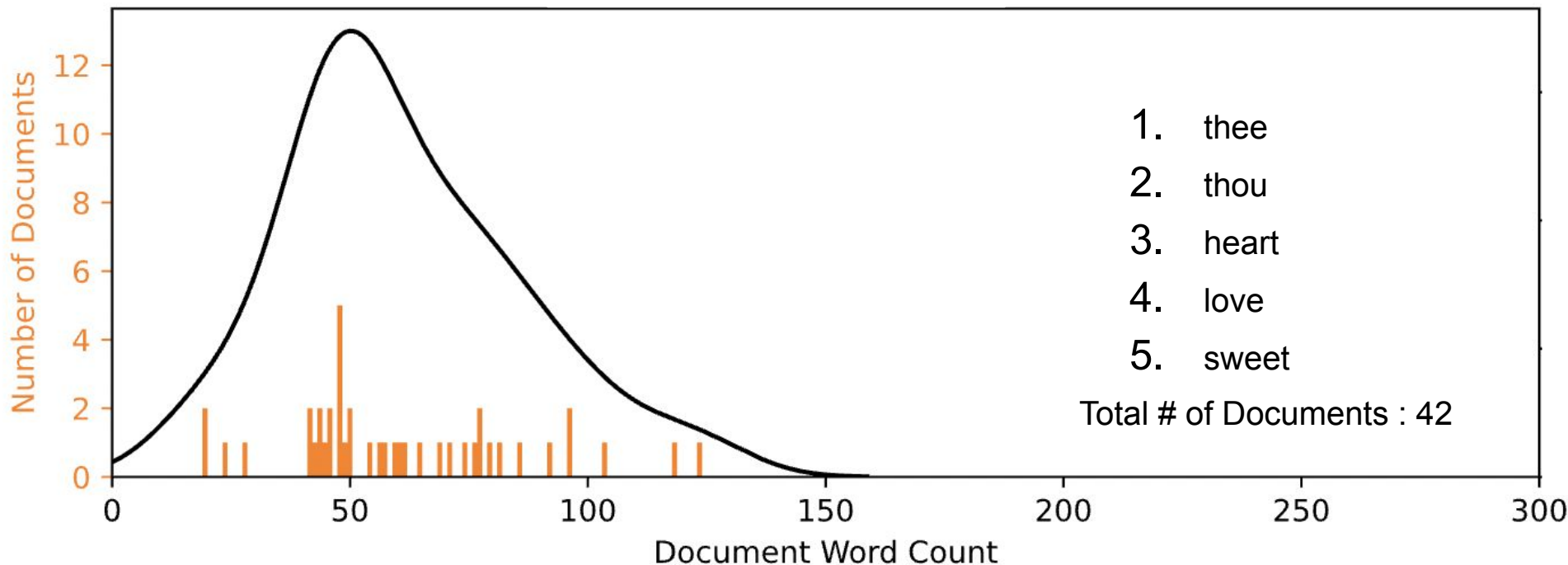
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Spirituality



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Love



IT's such a little thing to weep,

So short a thing to sigh;

And yet by trades the size of these

We men and women die!

LOVE is anterior to life,

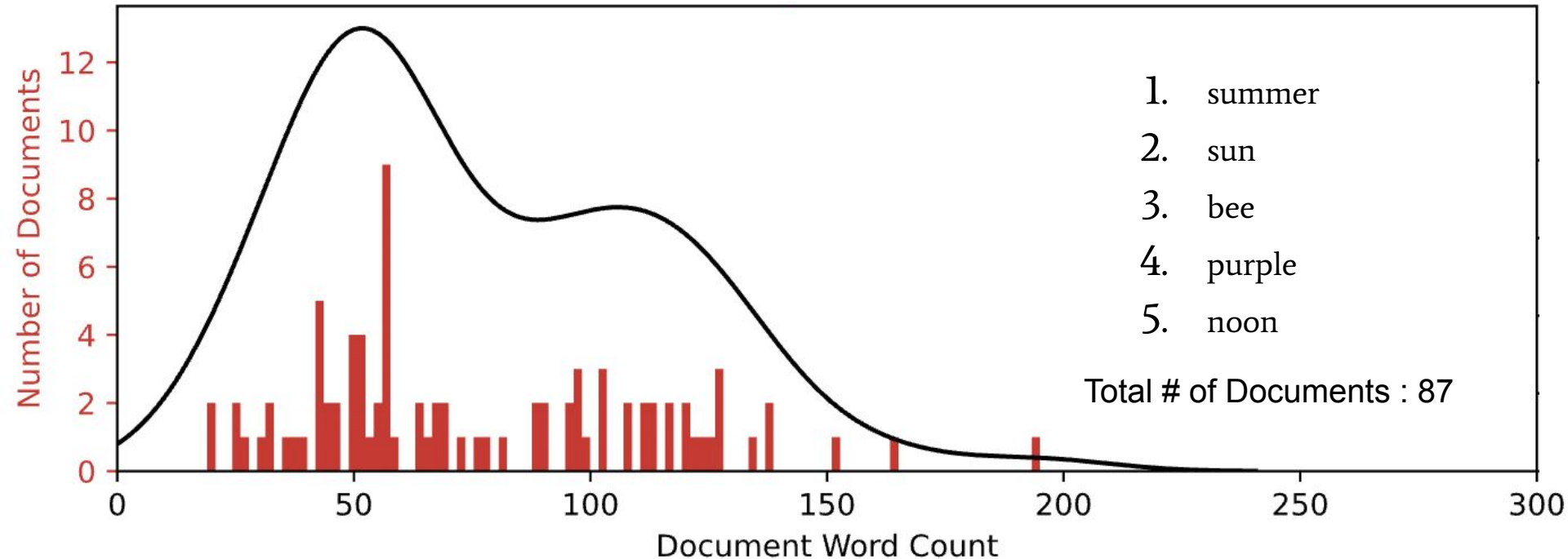
Posterior to death,

Initial of creation, and

The exponent of breath.

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Nature



A SEPAL, petal, and a thorn

Upon a common summer's morn,

A flash of dew, a bee or two,

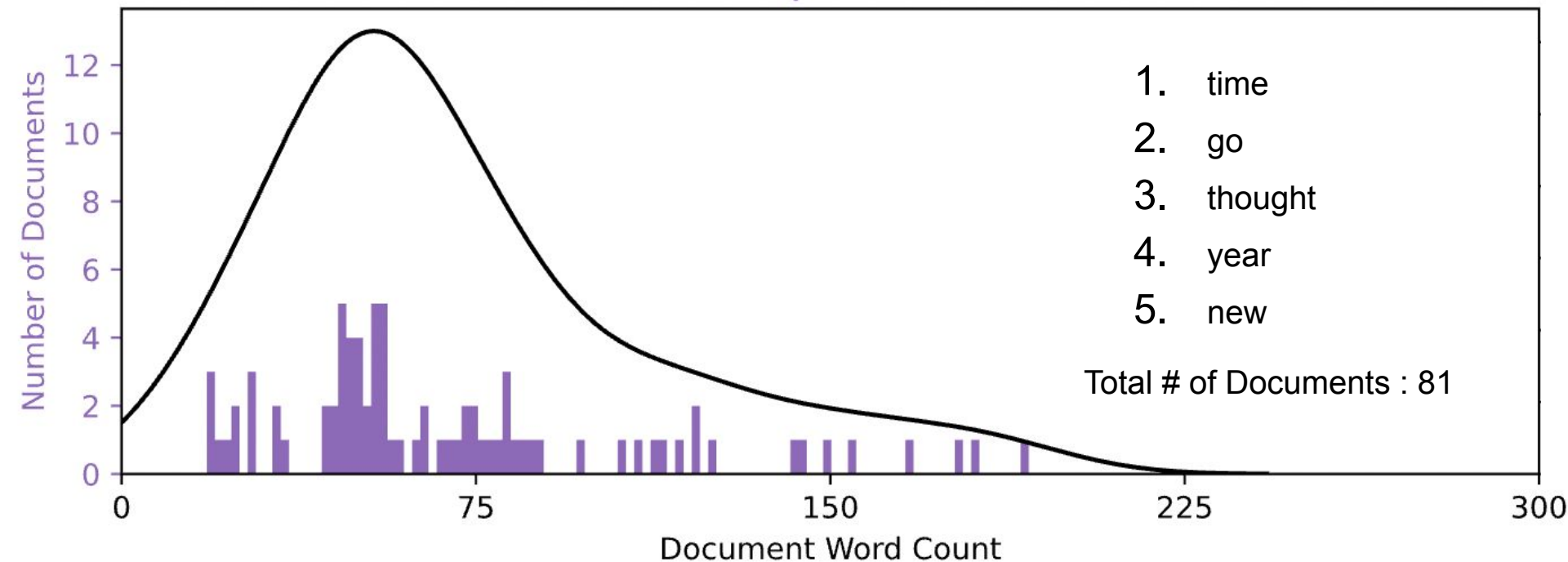
A breeze

A caper in the trees, --

And I'm a rose!

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Time



THEY say that 'time assuages,' --

Time never did assuage;

An actual suffering strengthens,

As sinews do, with age.

Time is a test of trouble,

But not a remedy.

If such it prove, it prove too

There was no malady.

Next Steps

- More Data
- Test Model
- Re-Model Topics

Questions?



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Communication

