

The Unsupervised Awakening of a Jewish Skeptic

Sam Rudovsky



6.5 Billion



Themes?

Narrative arc?



Old Testament

New Testament

Koran

Gospel of the Buddha

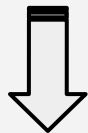
Book of Mormon



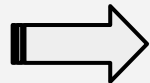
Corpus

Preprocessing Pipeline

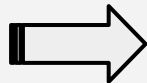
Religious Text



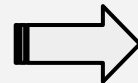
Clean



Tokenize



Shakespearean



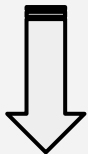
Lemmatization



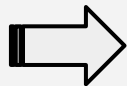
Vectorize

TF-IDF

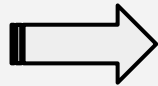
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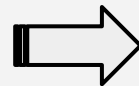
Stop words +



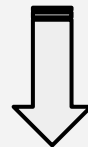
Strip accents



Tokens 3+



Max_df: 0.1



NMF

Topic



1. Good vs. Evil
2. Sin
3. Judgment
4. Immortality



Topic



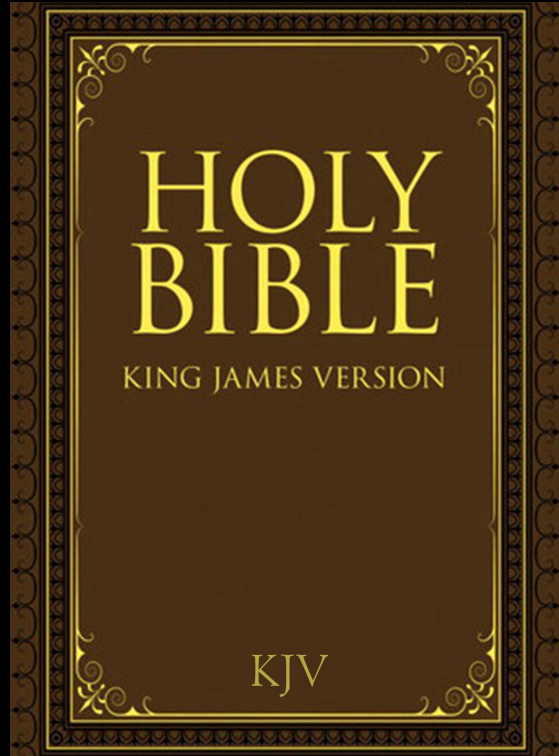
1. Good vs. Evil
2. Sin
3. Judgment
4. Immortality



Afterlife

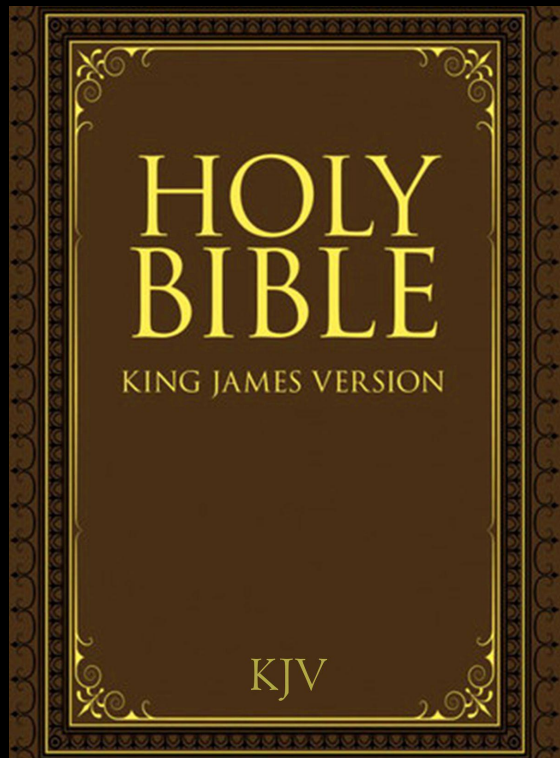
Afterlife

Old Testament



soul
wicked good
earth iniquity
judgment heaven evil
eye

New Testament



darkness
eternal life
truth
believe
witness
love
light

THE GOSPEL OF BUDDHA

COMPILED FROM ANCIENT RECORDS

BY

PAUL CARUS.

ILLUSTRATED

BY

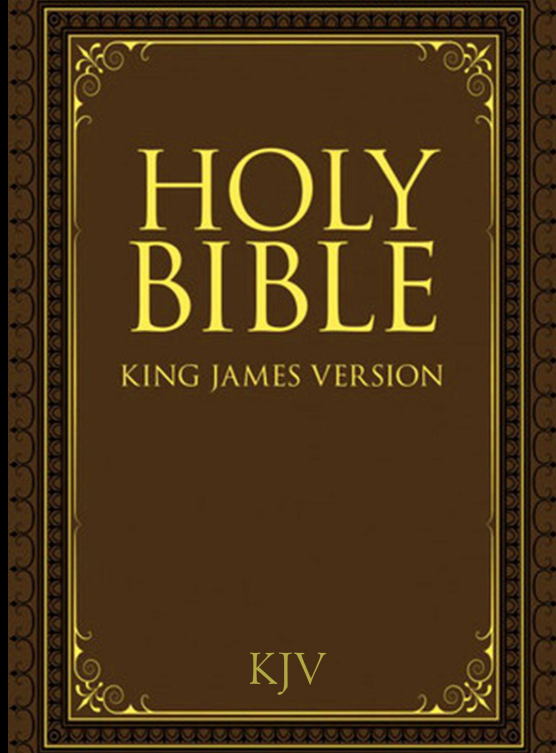
O. KOPETZKY

CHICAGO AND LONDON
THE OPEN COURT PUBLISHING COMPANY
1915

salvation
wisdom
nirvana
noble
path
eightfold
soul
light
immortality
right
walk
suffering

Sacrifice

Old Testament



sin holy
sacrifice
lamb priest
atonement fire
offering
goat altar

Nature of Reality

THE GOSPEL OF BUDDHA

COMPILED FROM ANCIENT RECORDS

BY

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ILLUSTRATED

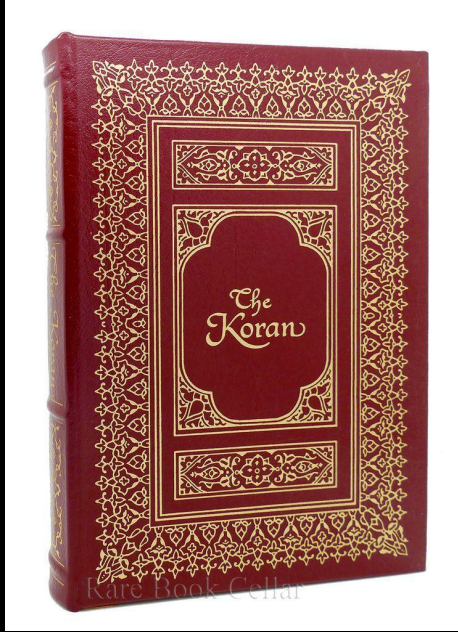
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mind
illusion
ego
error
selfishness
self
thought
body
soul

Redemption/Condemnation



chastisement

wicked mercy

liar fire
reward evil
lie warning

punishment

Sentiment Analysis

The background of the slide is a deep space image filled with numerous stars and galaxies. The stars vary in brightness and color, with some appearing as bright white or yellow points and others as fainter, more distant points. Several galaxies are visible, including spiral and elliptical shapes, scattered across the dark cosmic field. The overall effect is a sense of vastness and depth.

At first glance, the texts are quite positive

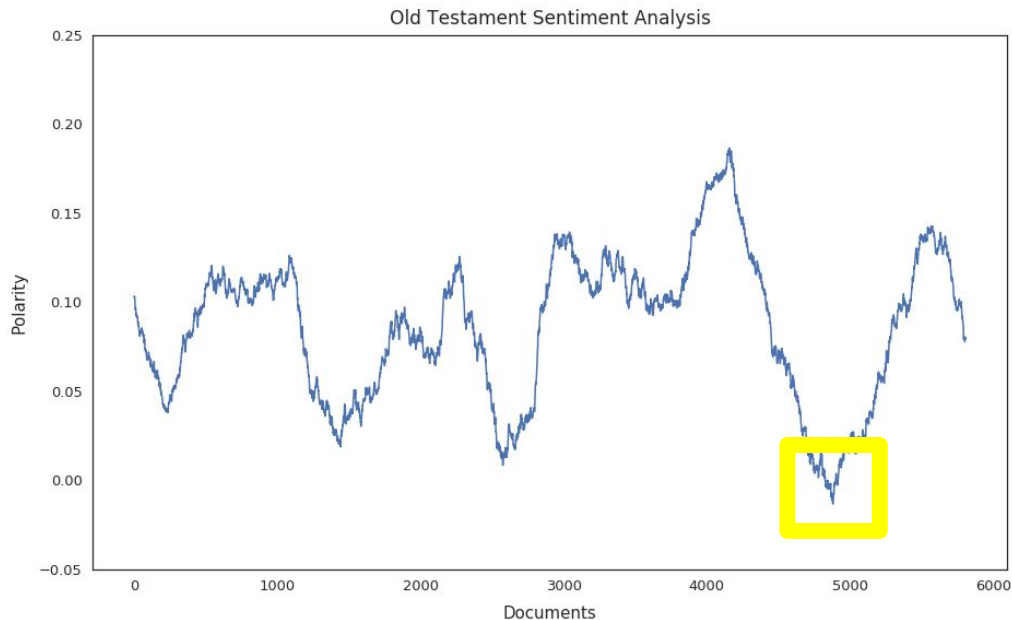


3.5 to 1



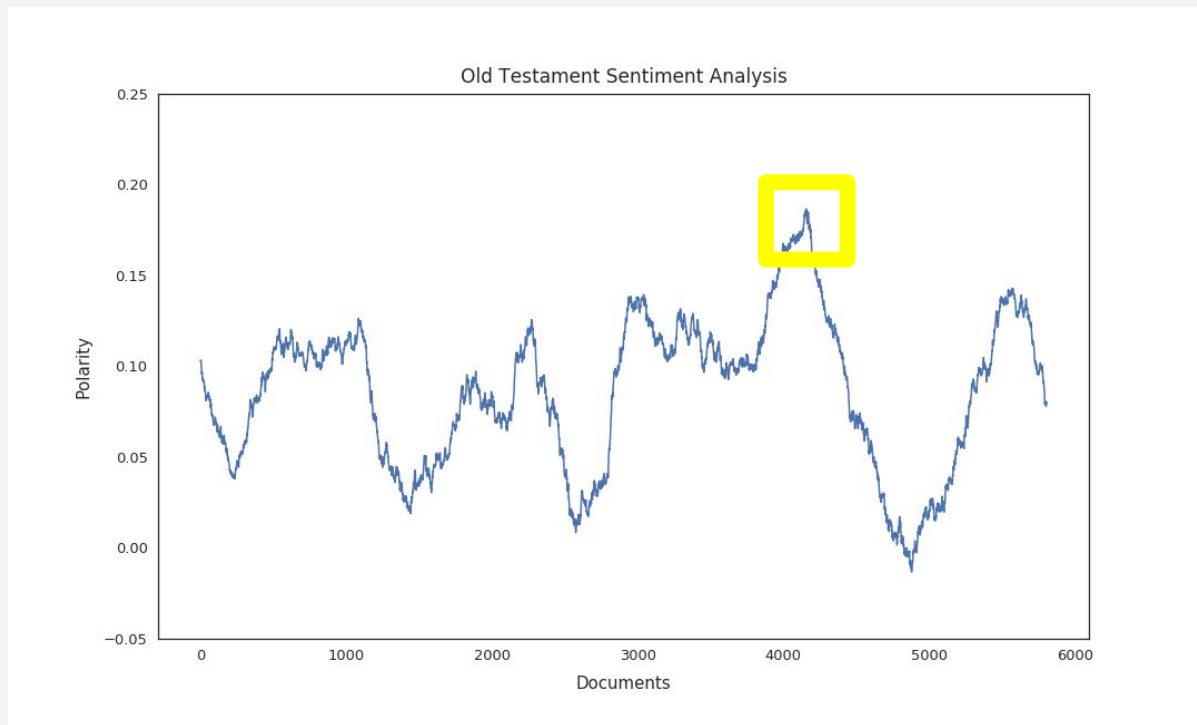
1.8 to 1

Most “Negative” Part of the Old Testament



*“Circumcise yourselves to the LORD, and take away the foreskins of your heart, you men of Judah and inhabitants of Jerusalem: lest my fury come forth like fire, and burn that none can quench it, because of the evil of your doings” **Jeremiah 4:4***

Most Positive Part of the Old Testament



*"We have heard of the pride of Moab; he is very proud: even of his haughtiness, and his pride, and his wrath: but his lies shall not be so." **Isaiah 16:6***

Misclassified Sentiments

"But the day of the Lord will come as a thief in the night; in the which the heavens shall pass away with a great noise, and the elements shall melt with fervent heat, the earth also and the works that are therein shall be burned up." **Peter 3:10**

"And he commandeth all men that they must repent, and be baptized in his name, having perfect faith in the Holy One of Israel, or they cannot be saved in the kingdom of God. And if they will not repent and believe in his name, and be baptized in his name, and endure to the end, they must be damned; for the Lord God, the Holy One of Israel, has spoken it." **2 Nephi 9**

Takeaways

- “Good vs. Evil” and the quest for immortality permeate every religious text
- Limited value in sentiment analysis

Thank you

