

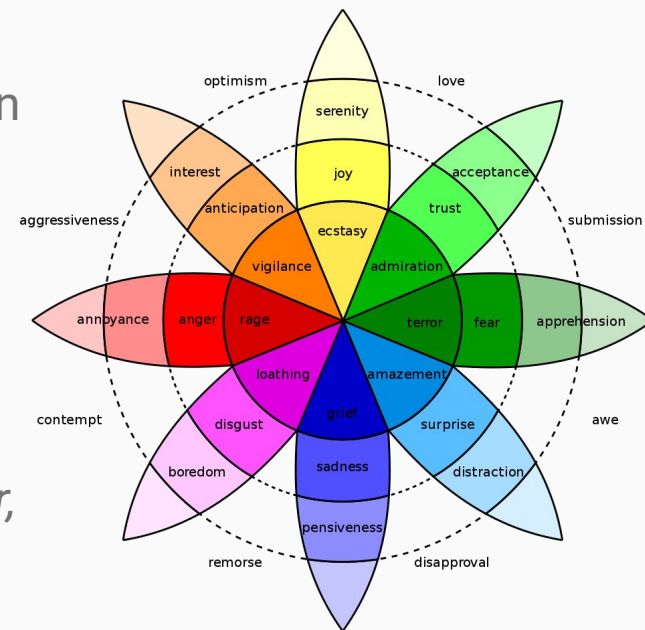
Recommending stories based on emotional timelines

Rafael Lacerda

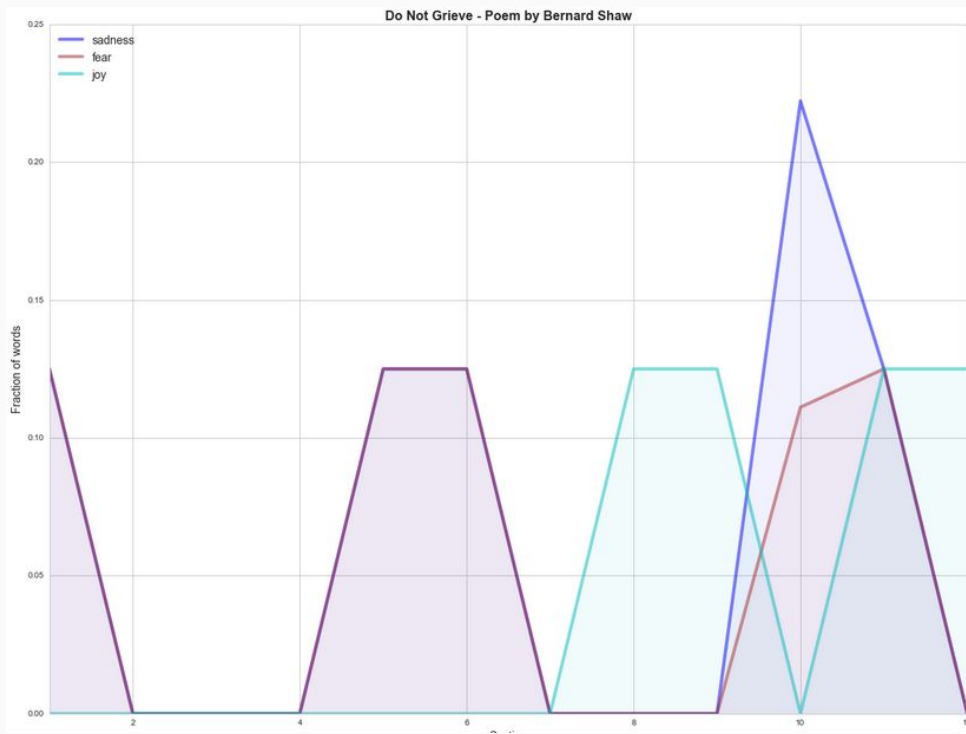


Overview

- Story recommendations are typically based on collaborative filtering, genre and theme.
- Little attention has been given to recommendations based on plots.
- Instead of looking superficially at words, consider how they make us feel.
- Plutchik's 8 emotions: *joy, sadness, anger, fear, trust, disgust, surprise and anticipation* [1].
 - Annotations for 14k words through Mechanical Turk



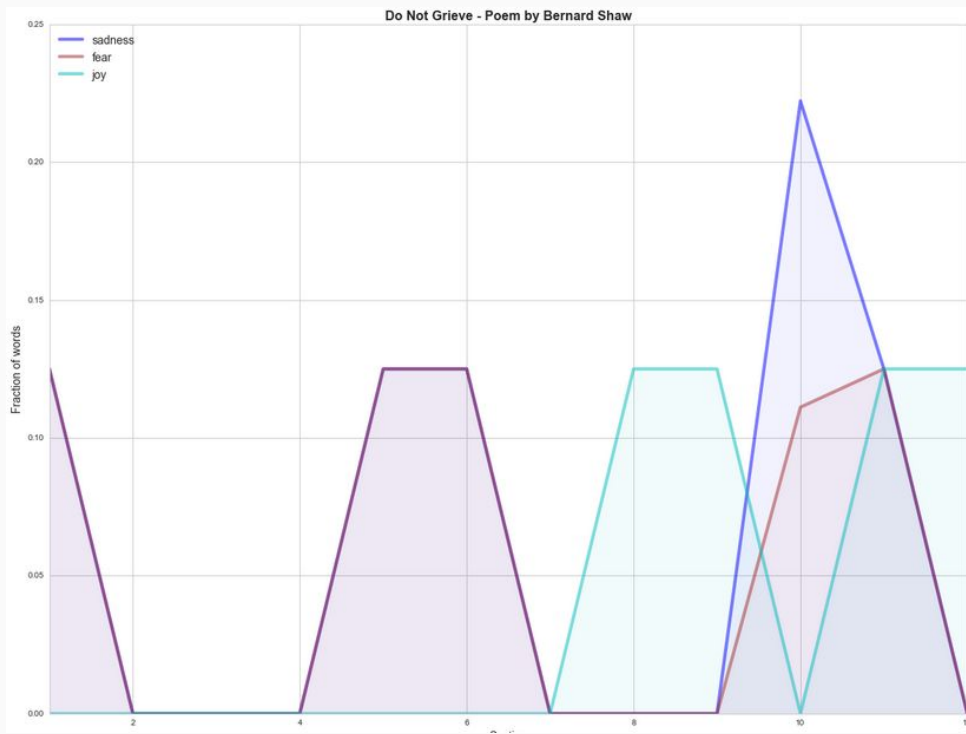
A Simple Example



Do Not Grieve - Poem by Bernard Shaw

Do not grieve when I pass away,
Remember it is but another stop upon my way.
On my way to a better existence.
That has always beckoned me from a distance.
It is a threshold that we all must cross,
Know that my passing is not a loss.
I will ascend to a temple of learning,
That my soul has been forever yearning.
Knowledge I will gain that man does not know,
So do not grieve at this my funeral below.
Be cheerful at my open grave this day,
Send me off with good wishes that is all I pray.

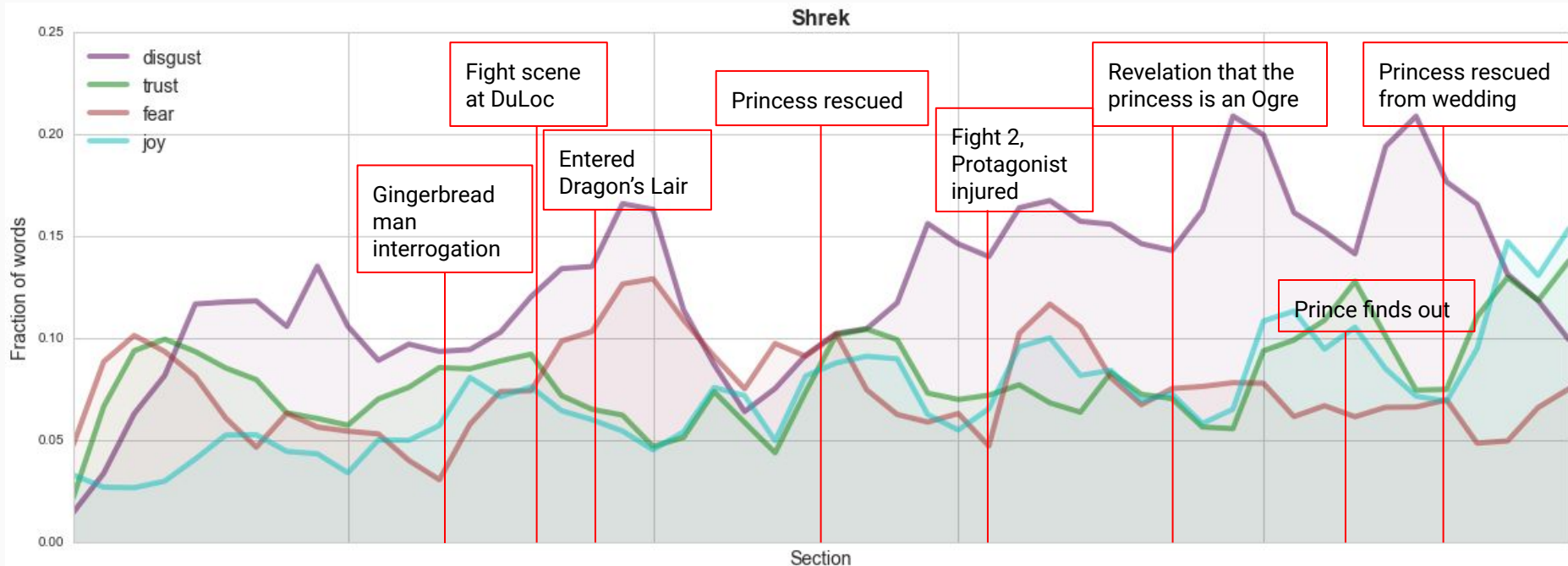
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Be **cheerful** at my open **grave** this day,
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Analyzing a movie timeline



Are movies within a subgenre similar?

```
mc.similarity(sets['Dystopia'], highlight=max)
```

	Postman, The	Book of Eli, The	Blade Runner	Gattaca	Oblivion	Fifth Element, The
Postman, The	1	0.825125	0.830576	0.812515	0.812417	0.78156
Book of Eli, The	0.825125	1	0.806845	0.788725	0.770888	0.737494
Blade Runner	0.830576	0.806845	1	0.824174	0.788449	0.822784
Gattaca	0.812515	0.788725	0.824174	1	0.762481	0.81815
Oblivion	0.812417	0.770888	0.788449	0.762481	1	0.720451
Fifth Element, The	0.78156	0.737494	0.822784	0.81815	0.720451	1

Comparing story progressions for movies in a subgenre

