

Archetypometrics: Characters and traits across the multi-storyverse

Last updated: 2025/04/28, 14:33:41 EDT

Principles of Complex Systems, Vols. 1, 2, & 3D
CSYS/MATH 6701, 6713, & a pretend number, 2024–2025

Prof. Peter Sheridan Dodds

Computational Story Lab | Vermont Complex Systems Center
Santa Fe Institute | University of Vermont



Licensed under the Creative Commons Attribution 4.0 International 

Outline

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

The PoCSverse
Archetypometrics
2 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References



\$20M five year grant from NSF EPSCoR, 2023–2028 

The science of stories:

Why?



Stories matter: Homo narrativus



Stories are fundamental to how people comprehend, explain, and potentially shape their lives, the lives of others, and the world.



Stories are about survival: Power and danger.

Some questions:



How do we measure¹ stories at scale?



What is the space of all stories?

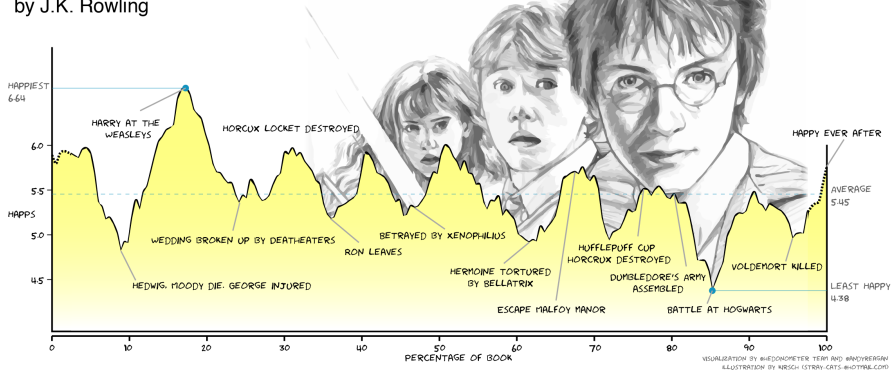


How does story space vary across time and culture?

¹accurately, properly, meaningfully, scientifically

Harry Potter and the Deathly Hallows

by J.K. Rowling



“The emotional arcs of stories are dominated by six basic shapes” ↗

Reagan, Mitchell, Danforth, and Dodds.

EPJ Data Science, 5, 31, 2016. [6]

Online, interactive Emotional Shapes of Stories ↗ for 10,000+ books:

Frankenstein; Or the Modern Prometheus [\(wiki\)](#)

by Mary Shelley

Search Gutenberg Corpus

by Title ▾

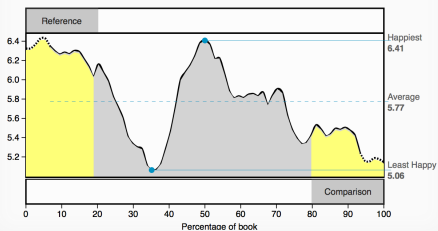
Classics ▾

Harry Potter ▾

Random

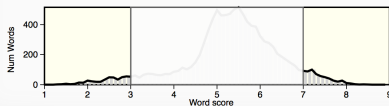
Book happiness time series:

Explore the work's emotional dynamics by sliding and resizing the reference and comparison sections.



Lens (for advanced users):

Slide and resize the stop-window to change the lens:

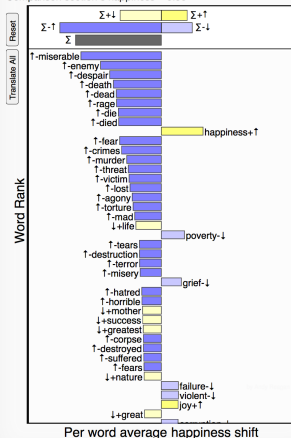


Word Shift:

Why comparison section is less happy than the reference one

Reference sections's happiness = 6.31

Comparison section's happiness = 5.35



Online, interactive Emotional Shapes of Stories for 10,000+ books:

Harry Potter (all books together)

by J.K. Rowling

Search Gutenberg Corpus

by Title ▾

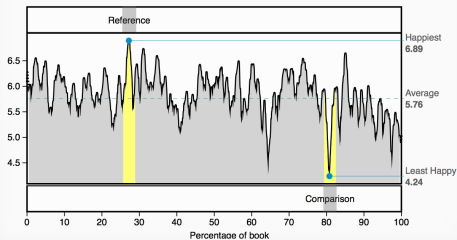
Classics ▾

Harry Potter ▾

Random

Book happiness time series:

Explore the work's emotional dynamics by sliding and resizing the reference and comparison sections.

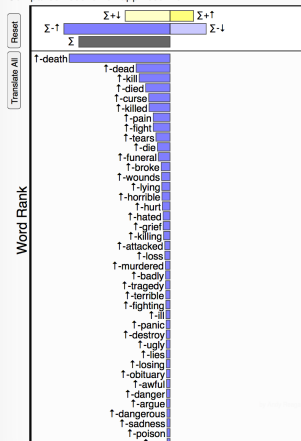


Word Shift:

Why comparison section is less happy than the reference one

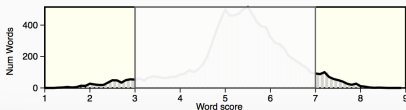
Reference sections's happiness = 6.13

Comparison section's happiness = 5.14



Lens (for advanced users):

Slide and resize the stop-window to change the lens:



Per word average happiness shift

Online, interactive Emotional Shapes of Stories for 1,000+

movie scripts:

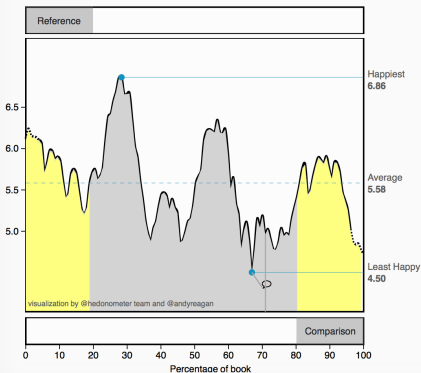
Pulp Fiction

directed by Quentin Tarantino

[Classics ▾](#)[Team Picks ▾](#)[Random](#)

Movie happiness time series:

Explore the work's emotional dynamics by sliding and resizing the reference and comparison sections.



Movie script:

Portion of script scored for each point in timeseries.

Zed takes the chair, sits it in front of the two prisoners, then lowers into it. Maynard hands The Gimp's leash to Zed, then backs away.

MAYNARD
(to The Gimp)
Down!

The Gimp gets on its knees.

Maynard hangs back while Zed appraises the two men.

MAYNARD
Who's first?

ZED
I ain't fer sure yet.

Then with his little finger, Zed does a silent "Benie, meany, miney, moe..." just his mouth mouthing the words and his finger going back and forth between the two.

Butch and Marsellus are terrified.

Maynard looks back and forth at the victims.

The Gimps's eyes go from one to the other inside the mask.

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

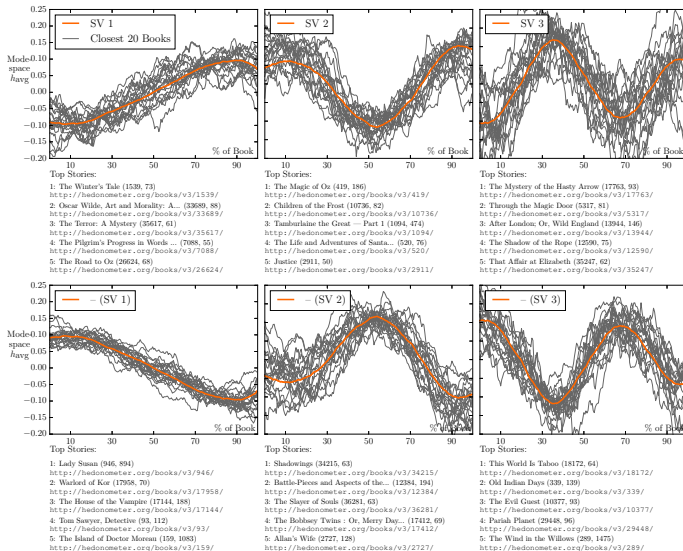
Extras

Robustness

More Storyverses

Pratchett

References



Six basic shapes: Rags-to-Riches, Man-in-a-hole, Cinderella, Tragedy, Icarus, Oedipus.



"So, in writing, there are six basic plots, and their sequels and derivative franchises."

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References



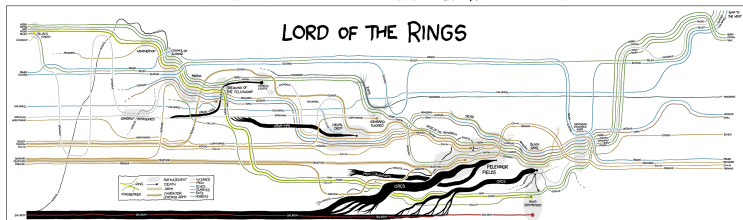
But: Emotional arcs are not plots.



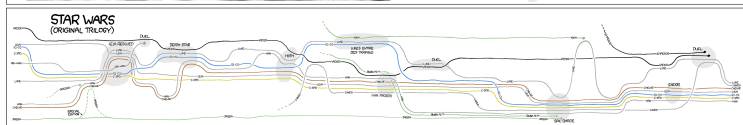
Plots = Temporal interaction networks of characters with environments, events. [5]

THESE CHARTS SHOW MOVIE CHARACTER INTERACTIONS.
THE HORIZONTAL AXIS IS TIME. THE VERTICAL GROUPING OF THE
LINES INDICATES WHICH CHARACTERS ARE TOGETHER AT A GIVEN TIME.

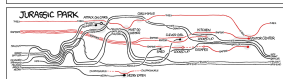
LORD OF THE RINGS



STAR WARS (ORIGINAL TRILOGY)



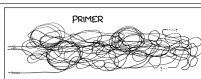
JURASSIC PARK



12 ANGRY MEN



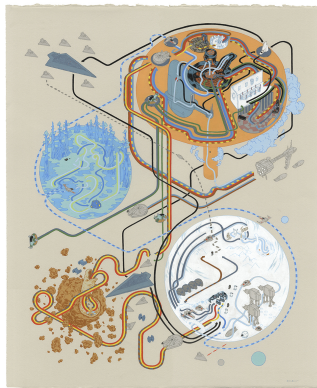
PRIMER





“Plotted: A Literary Atlas”

by Andrew DeGraff (2015). ^[1]



The PoCVerse
Archetypometrics
12 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness


More Storyverses

Pratchett

References

<http://www.andrewdegraff.com/moviemaps/> 

How to understand something like this?

In the basement
of a pizzeria,
Hillary Clinton
murders babies .

Answer: Character

Because Hillary Clinton **is** a **Demon**

Stories make us do all kinds of things:

The Comet Ping Pong Gunman Answers Our Reporter's Questions: [↗](#)



🧩 “According to court documents, Mr. Welch said he had come armed to help rescue the children.”

🧩 “The intel on this wasn’t 100 percent,” he said.’

🧩 He said he did not believe in conspiracy theories, but then added that the Sept. 11, 2001, attacks needed to be re-examined. He has listened to Alex Jones, whose radio show traffics in conspiracy theories and who once said that Mrs. Clinton “has personally murdered and chopped up” children. “He’s a bit eccentric,” Mr. Welch said. “He touches on some issues that are viable but goes off the deep end on some things.””

The PoCVerse
Archetypometrics
12 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

The Attack on the United States Capitol



Photo: Evelyn Hockstein for The Washington Post

Washington Post's massive analysis

Red Flags, Bloodshed, Contagion

Senate Chaplain Barry Black:

“These tragedies have reminded us that words matter, and that the power of life and death is in the tongue.”

The PoCverse
Archetypometrics
12 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Book (story) burning ↗ (451°F)



The PoCverse
Archetypometrics
12 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Framing:



Stories = Characters + Time.



Implicit:

Interactions, Context, Environment, and Events.



With more words:

Stories = Characters + Stage + Events
+ Interactions + Time.



Stories are emergent.



Equation-like:

Characters = Stories — Time



And is a general conception of everything:



Partial differential equations (fluids)



All sports



Ecological systems



The Universe

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References



Characters are shortcuts to stories.



Given characters, predict/create possible histories/stories.



Characters¹ Matter because Character² Matters.

¹Fictional

²Real

What's the space of fictional characters?

The PoCverse
Archetypometrics
15 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

CHARACTERS FOR AN EPIC TALE





“Heroes, villains and fools, as agents of social control”

Orrin E. Klapp,

American Sociological Review, 19, 56–62, 1954. [4]

SOCIAL types comprise a relatively unappreciated field of popular culture. Though certain ones have been intensively studied from special points of view,¹ and the role of stereotypes has been long recognized, there has been little effort to catalog, classify, or even adequately consider the vast number of highly significant types to be found in common speech, jokes, comics, popular fiction, folklore and the like. These conceptions, appearing wherever the popular mind finds expression, are truly collective in nature rather than the property of individual authors, “coins” of thought as Sumner phrased it, serving to express group judgments, facilitate consensus, and define roles. This article is concerned with three especially significant generic figures, the hero, villain and fool, and aims to state a theory of their normative nature, role as

sanctions, and mutual contribution to consensus and social control, a relationship which has been only casually considered in sociological literature.

One who long considers these types can hardly fail to feel that their role goes beyond the theatre, that they have a part to play in institutions, movements, political regimes, historical periods and everyday life. When a person is called a hero, villain or fool, this has important implications for his status, influence and the kind of treatment he will receive. An effort is here made to bring them into theoretical relationship as norms representing certain kinds of deviance from average or conventional conduct, carrying appropriate punishments or rewards, and calling for certain modes of collective action. The present article is intended as a suggestive and exploratory statement rather than as a report of finished research.

One may begin with the observation that epithets are sanctions indicating social approval or disapproval, and that many of these, especially the strongest, can be rather readily classified into three generic categories. For instance, a daredevil might be called a hare-brained fool, a criminal endangering the lives of others, or a fearless superman. Some indication of the categories of epithet likely to be applied to extreme deviants is perhaps given by the following lists:

Hero	Villain	Fool
underdog	bully	crackpot
champ	liar	fanatic
big shot	cheat	simpleton
smart operator	traitor	sissey
Robin Hood	two-timer	cheapskate
father-of-his-country	bad nigger	blowhard
protector	racketeer	butterfingers
emancipator	Red	sap
he-man	grafter	yes-man
race hero	dictator	sucker
Uncle Bim	Bluebeard	Mutt
Lone Ranger	Fu Manchu	Happy Hooligan
Superman	Simon Legree	Sad Sack

The PoCSeve
Archetypometrics
16 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

¹ For instance, C. Wright Mills, *White Collar*.

Who is Pratchett the Cat?



The Open-Source Psychometrics Project:

<https://openpsychometrics.org> 

The PoCverse
Archetypometrics
17 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Use the slider to indicate where you fall on this spectrum:

Statistical "Which Character" Personality Quiz

This is an interactive personality quiz that will match you to fictional characters on similarity of description.

Background

When the creator of this website would tell people that he published personality quizzes, people would usually ask him if he meant that he worked at BuzzFeed on their "Which Character" personality quizzes. And he would have to explain that he did not and had never been that style of test. These quizzes are very fun, as evidenced by their extreme popularity. Meaningful, two people who get the same result on a typical example of these tests much more in common than two randomly paired individuals. So for the longest time one character match personality quiz, but I guess it was inevitable because here is a more scientific, but still silly, "Which Character Are You?" test.

This test was created by getting more than 3 million volunteers to describe themselves using different adjective based scales. This created a database of descriptive ratings are compared against these profiles and the closest match is found. This quiz works and was developed can be found [here](#). There is also a version of self-report, and a [version for couples](#).

Test Instructions

The test is made of pairs of adjectives with a slider between them. For each pair, drag the slider to where you fall on the spectrum between them. This test is self-paced. Select how many questions you want to do using the version option. The median recommended version is 185 seconds (~3 minutes).

Participation

This interactive program is provided for entertainment and informational purposes only. It is not psychological advice or a screening tool of any kind and comes without any particular purpose.

At the end of the survey you will be asked for consent to include your responses in the study. Your responses may be used and shared per [the website privacy policy](#).

[Begin assessment](#)

juvenile (50%)

mature (50%)

frugal (23%)

lavish (77%)

social (81%)

reclusive (19%)

adventurous (76%)

stick-in-the-mud (24%)

haunted (100%)

blissful (0%)

orderly (23%)

chaotic (77%)

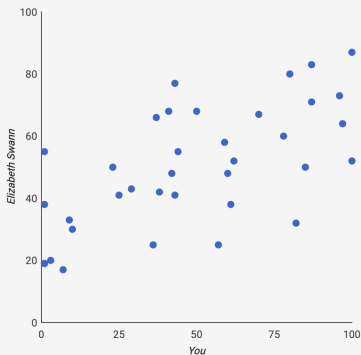
Version

The best match between the self assessment you provided and the profile of a fictional character as rated by other people who have taken this survey is the character **Elizabeth Swann** (Pirates of the Caribbean).



83% match

Your traits versus their traits are graphed below (click on points for labels).



The PoCSverse
Archetypometrics
19 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Fictional characters most like Pratchett the Cat:

1. Elizabeth Swann[^] (Pirates of the Caribbean[^]): 83%
2. Daenerys Targaryen[^] (Game of Thrones[^]): 82%
3. Margaery Tyrell[^] (Game of Thrones[^]): 82%
4. Francisco d'Anconia[^] (Atlas Shrugged[^]): 82%
5. Dr. Hannibal Lecter[^] (Hannibal[^]): 82%
6. Audrey Horne[^] (Twin Peaks[^]): 81%
7. Princess Anna Karenina[^] (Anna Karenina[^]): 81%
8. Danny Ocean[^] (Ocean's 11[^]): 81%
9. Ragnar Lothbrok[^] (Vikings[^]): 81%
10. Olenna Tyrell[^] (Game of Thrones[^]): 80%


Fictional characters least like Pratchett the Cat:


- 1991. George Michael Bluth (Arrested Development): 21%
- 1992. Morty Smith (Rick and Morty): 21%
- 1993. Louis Tully (Ghostbusters): 21%
- 1994. Lenny (After Life): 21%
- 1995. Eric Forman (That 70's Show): 20%
- 1996. Milhouse Van Houten (The Simpsons): 19%
- 1997. Alan Harper (Two and a Half Men): 19%
- 1998. Pete Hornberger (30 Rock): 19%
- 1999. Chip Dove (Jennifer's Body): 17%
- 2000. Stuart Bloom (The Big Bang Theory): 16%

Some fictional characters most like the Deliverator:

1. Ava[^] (Ex Machina[^]): 89%
2. Dolores Abernathy[^] (Westworld[^]): 87%
3. Dom Cobb[^] (Inception[^]): 86%
4. Maeve Millay[^] (Westworld[^]): 84%
5. Patrick Jane[^] (The Mentalist[^]): 84%
6. Wyldstyle[^] (The Lego Movie[^]): 84%
7. Daisy 'Skye' Johnson[^] (Agents of S.H.I.E.L.D.[^]): 84%
8. Black Widow[^] (Marvel Cinematic Universe[^]): 83%
9. Elizabeth Swann[^] (Pirates of the Caribbean[^]): 83%
10. Jason Bourne[^] (The Bourne Identity[^]): 83%
11. Mystique[^] (X-Men[^]): 83%
12. Juliana Crain[^] (The Man in the High Castle[^]): 83%
13. Arya Stark[^] (Game of Thrones[^]): 82%
14. Gamora[^] (Marvel Cinematic Universe[^]): 82%
15. Sherlock Holmes[^] (Elementary[^]): 82%

Main data set:

 $N_{\text{chars}} = 2000$ characters

 $N_{\text{traits}} = 464$ traits (as semantic differentials)

 $N_{\text{stories}} = 341$ stories of Western literature, film, television

Analysis covers three fixed data sets from an expanding study:

1. $N_{\text{chars}}/N_{\text{traits}}/N_{\text{stories}} = 800/235/90$
2. $N_{\text{chars}}/N_{\text{traits}}/N_{\text{stories}} = 1600/365/241$
3. $N_{\text{chars}}/N_{\text{traits}}/N_{\text{stories}} = 2000/464/341$

Most extreme characters by character size:

Rank.	Character	Storyverse	Size S	Top Three Archetypes (Essential Direction, Norm. Component/% Variance Explained)			R _{ext} ^{arch}
				Third:	Second:	First:	
1.	Joffrey Baratheon	Game of Thrones	100.0	Fool [✓] (−1, 26.1/6.8%)	Div [✓] (+4, 29.4/8.6%)	Demon [✓] (+2, 81.2/65.9%)	7.6
2.	Iana Wexler	Broad City	99.4	— (+14, 11.4/1.3%)	Demon [✓] (+2, 27.5/7.7%)	Adventurer [✓] (+3, 86.4/75.6%)	9.8
3.	Firelord Ozai	Avatar: The Last Airbender	98.7	Traditionalist [✓] (−3, 30.8/9.7%)	Hero [✓] (+1, 38.8/15.4%)	Demon [✓] (+2, 74.8/57.4%)	7.2
4.	Logan Roy	Succession	98.2	Traditionalist [✓] (−3, 24.1/6.0%)	Hero [✓] (+1, 49.5/25.4%)	Demon [✓] (+2, 70.3/51.2%)	12.3
5.	Nurse Ratched	One Flew Over the Cuckoo's Nest	97.0	Hero [✓] (+1, 42.8/19.4%)	Demon [✓] (+2, 51.5/28.2%)	Traditionalist [✓] (−3, 55.6/32.8%)	46.9
6.	Tracy Jordan	30 Rock	96.3	Fool [✓] (−1, 17.9/3.5%)	Demon [✓] (+2, 44.0/20.9%)	Adventurer [✓] (+3, 70.8/54.1%)	18.3
7.	Sid Phillips	Toy Story	95.6	Fool [✓] (−1, 14.3/2.2%)	Outcast [✓] (−5, 34.1/12.7%)	Demon [✓] (+2, 80.0/70.0%)	6.2
8.	Dolores Umbridge	Harry Potter	95.3	Traditionalist [✓] (−3, 36.1/14.4%)	Div [✓] (+4, 36.9/15.0%)	Demon [✓] (+2, 65.8/47.7%)	11.2
9.	Azula	Avatar: The Last Airbender	95.2	— (+9, 13.4/2.0%)	Hero [✓] (+1, 50.2/27.8%)	Demon [✓] (+2, 70.9/55.4%)	34.3
10.	Tuvok	Star Trek: Voyager	94.7	Angel [✓] (−2, 17.7/3.5%)	Traditionalist [✓] (−3, 53.2/31.5%)	Hero [✓] (+1, 63.6/45.1%)	21.8
11.	Eric Cartman	South Park	94.4	— (+7, 19.7/4.3%)	Adventurer [✓] (+3, 28.9/9.4%)	Demon [✓] (+2, 76.0/64.8%)	6.9
12.	Malory Archer	Archer	94.4	Div [✓] (+4, 23.4/6.1%)	Hero [✓] (+1, 41.8/19.6%)	Demon [✓] (+2, 70.4/55.7%)	11.5
13.	Gollum	Lord of the Rings	94.4	Fool [✓] (−1, 18.7/3.9%)	Outcast [✓] (−5, 50.3/28.4%)	Demon [✓] (+2, 61.8/42.9%)	17.9
14.	Jenna Maroney	30 Rock	94.0	Div [✓] (+4, 42.6/20.5%)	Adventurer [✓] (+3, 50.4/28.8%)	Demon [✓] (+2, 54.9/34.1%)	41.2
15.	Ron Swanson	Parks and Recreation	93.8	Traditionalist [✓] (−3, 30.1/10.3%)	Lone Wolf [✓] (−4, 39.8/18.0%)	Hero [✓] (+1, 55.5/35.0%)	8.1
16.	Man in Black	Westworld	93.4	— (+10, 15.2/2.7%)	Hero [✓] (+1, 43.8/22.0%)	Demon [✓] (+2, 71.2/58.1%)	17.7
17.	Sterling Archer	Archer	93.4	— (+11, 14.9/2.6%)	Adventurer [✓] (+3, 50.8/29.6%)	Demon [✓] (+2, 63.5/46.2%)	29.2
18.	Mr. Burns	The Simpsons	93.2	Hero [✓] (+1, 21.5/5.3%)	Traditionalist [✓] (−3, 33.6/13.0%)	Demon [✓] (+2, 72.2/59.9%)	7.5
19.	Lucille Bluth	Arrested Development	92.9	Hero [✓] (+1, 24.1/6.8%)	Div [✓] (+4, 29.3/10.0%)	Demon [✓] (+2, 73.5/62.7%)	6.3
20.	Lord Voldemort	Harry Potter	92.6	— (−8, 22.7/6.0%)	Hero [✓] (+1, 24.4/6.9%)	Demon [✓] (+2, 76.7/68.5%)	9.9
21.	Darlene Snell	Ozark	92.6	— (−8, 26.7/8.3%)	Outcast [✓] (−5, 30.1/10.5%)	Demon [✓] (+2, 72.6/61.5%)	5.8
22.	Red Forman	That 70's Show	92.6	Demon [✓] (+2, 38.2/17.1%)	Hero [✓] (+1, 44.4/23.0%)	Traditionalist [✓] (−3, 46.5/25.3%)	4.6
23.	The Joker	The Dark Knight	92.5	Geek [✓] (+6, 27.9/9.1%)	Adventurer [✓] (+3, 45.5/24.1%)	Demon [✓] (+2, 60.8/43.3%)	13.7
24.	Frank Gallagher	Shameless	92.5	Fool [✓] (−1, 32.5/12.3%)	Adventurer [✓] (+3, 32.8/12.6%)	Demon [✓] (+2, 64.4/48.5%)	11.1
25.	Dr. Gregory House	House, M.D.	92.0	Geek [✓] (+6, 22.1/5.8%)	Hero [✓] (+1, 37.4/16.5%)	Demon [✓] (+2, 65.5/50.6%)	10.8

All You Need is Love SVD:

The PoCVerse
Archetypometrics
26 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

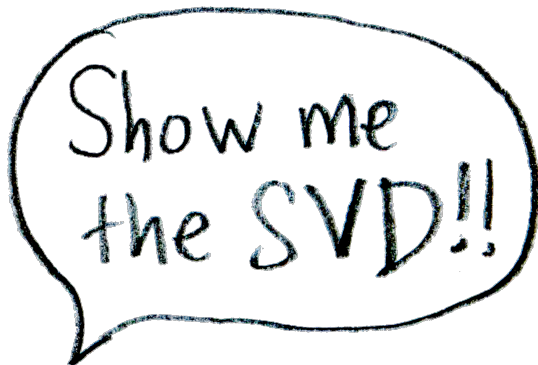
Extras

Robustness

More Storyverses

Pratchett

References



$$\begin{bmatrix} I \heartsuit \\ \end{bmatrix}$$

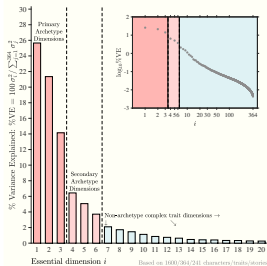
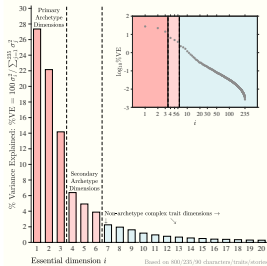
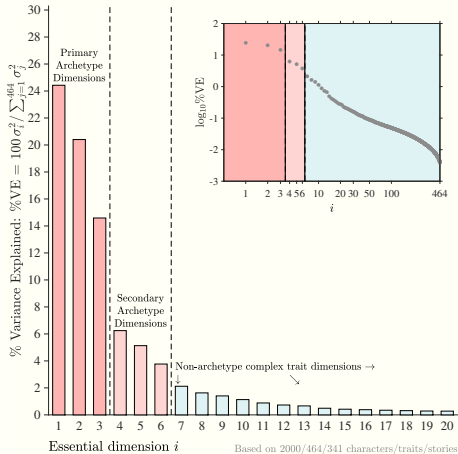
$$\begin{bmatrix} I \heartsuit \\ A\vec{x} = \vec{b} \end{bmatrix}$$

$$\begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$$

$$\begin{bmatrix} I \heartsuit \\ N(A^T) \end{bmatrix}$$



< Please rise for the Matrixology Fight Song >



The PoCverse
Archetypometrics
27 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

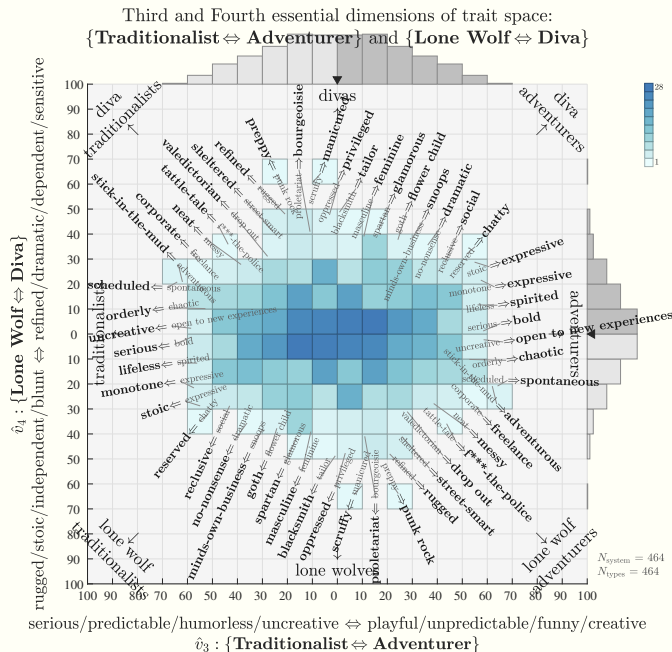
More Storyverses

Pratchett

References

$$\hat{v}_1 : \{\mathbf{Fool} \Leftrightarrow \mathbf{Hero}\}$$
$$N_{\text{system}} = 464$$

$$N_{\text{types}} = 464$$



The PoCSverse
Archetypometrics
30 of 132



Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

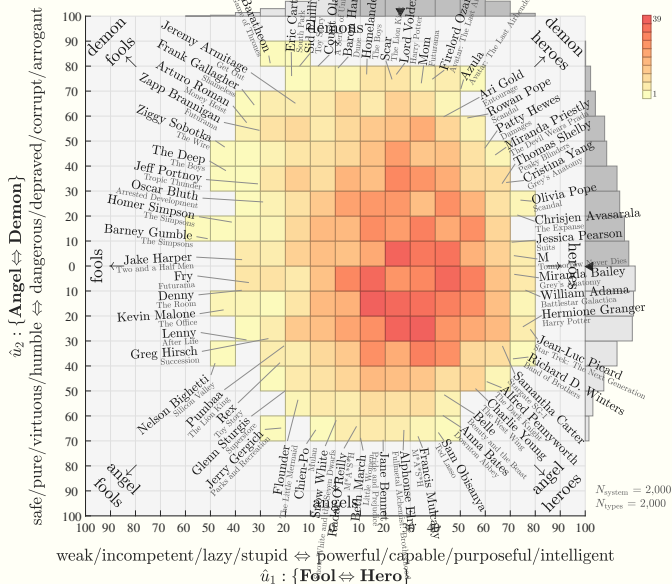
More Storyverses

Pratchett

References

First and Second essential dimensions of character space:

{Fool ↔ Hero} and {Angel ↔ Demon}



The PoCServe
Archetypometrics
31 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing

Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

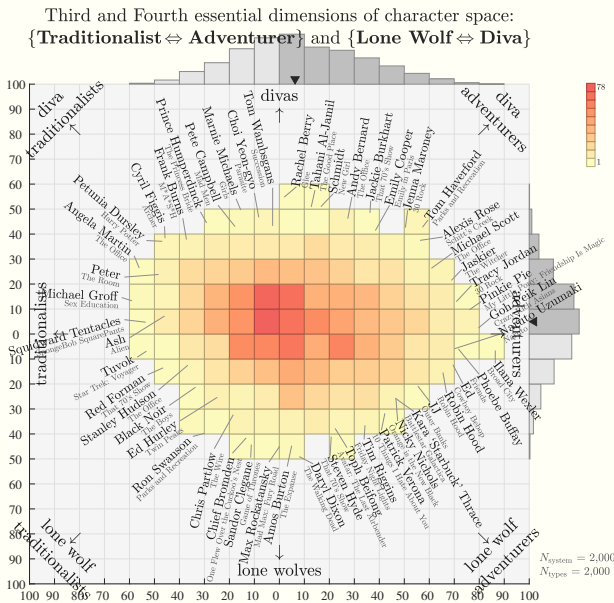
More Storyverses

Pratchett

References

$\hat{u}_4 : \{\text{Lone Wolf} \Leftrightarrow \text{Diva}\}$

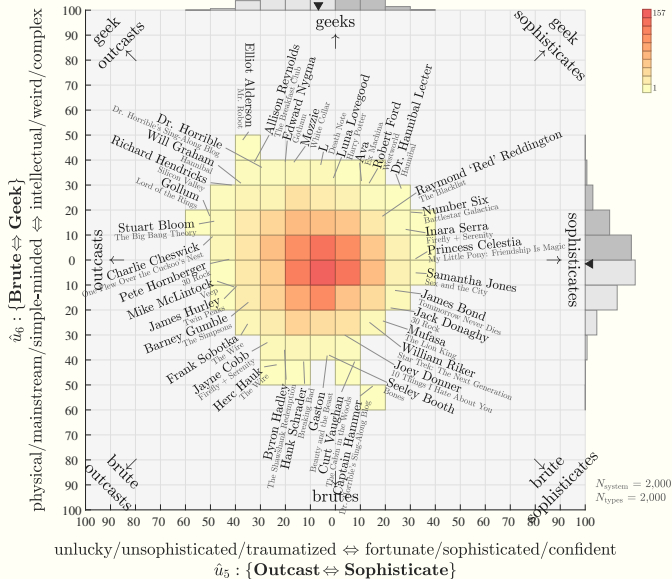
rugged/stoic/independent/blunt \Leftrightarrow refined/dramatic/dependent/sensitive



serious/predictable/humorless/uncreative \Leftrightarrow playful/unpredictable/funny/creative

$\hat{u}_3 : \{\text{Traditionalist} \Leftrightarrow \text{Adventurer}\}$

Fifth and Sixth essential dimensions of character space: {Outcast \Leftrightarrow Sophisticate} and {Brute \Leftrightarrow Geek}



The PoCServe
Archetypometrics
33 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References



“Zeroing in on heroes: A prototype analysis of hero features”

Kinsella, Ritchie, and Igou,

Journal of Personality and Social Psychology, **108**, 114, 2015. [3]

Note: Uses LIWC to evaluation positivity and negativity of words.
It's not good people, it's not good.

Table 1
Features of Heroes, Sample Exemplars, Ratings in Study 2, and Frequency Generated in Study 1

Features	Exemplars	<i>n</i>	<i>M</i>	<i>SD</i>	Frequencies
Central					
Brave	Bravery, valor	364	7.06	1.29	63
Moral integrity	Fair, moral	364	6.94	1.30	38
Courageous	Courage, gall	353	6.90	1.29	34
Protect	Protects, defends weak	352	6.68	1.45	15
Conviction	Dedication, loyal to cause	363	6.48	1.54	26
Honest	Truthful, honor	364	6.44	1.66	32
Altruistic	Acts for greater good	354	6.44	1.46	26
Self-sacrifice	Sacrifices	364	6.43	1.49	14
Selfless	Puts aside self-interest	354	6.38	1.55	61
Determined	Focused, hardworking	364	6.16	1.76	16
Saves	Life-saver, rescue	363	6.07	1.80	12
Inspiration	Admired by others, inspiring	353	6.06	1.69	26
Helpful	Helping others, help	354	6.05	1.64	20
Peripheral					
Proactive	Energy, initiative	363	5.98	1.73	25
Strong	Mental/physical strength	364	5.93	1.88	52
Leader	Leader, charismatic	364	5.91	1.91	9
Compassionate	Compassion, empathy	354	5.83	1.57	27
Risk-taker	Willing to risk	354	5.72	1.84	8
Exceptional	Ability, wisdom, unique	363	5.57	2.03	40
Humble	Not arrogant, modest	353	5.40	1.95	11
Fearless	Feels fear but acts anyway	364	5.35	2.20	8
Caring	Counselor, care	352	5.22	1.92	25
Powerful	Power, powerful	354	5.08	2.07	8
Intelligent	Quick-minded, clever	351	4.95	1.92	16
Talented	Best, great, above, and beyond	364	4.93	1.92	6
Personable	Nice, amicable, respectful	364	4.82	2.01	8

Note. Features are listed in order of Study 2 centrality ratings, using a scale from 1 (*not at all related to heroes*) to 8 (*extremely related to heroes*). Features rated above the median were classified as central, and those below the median as peripheral. Frequencies refer to the number of instances that participants in Study 1 described an identical exemplar, a semantically related exemplar, or a meaning-related exemplar for each of the features (i.e., global features) of heroes.

The PoCVerse
Archetypometrics
34 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

We stare at ousiograms and tables and tables ...

Essential Character Dimension 1, \hat{u}_1

Major archetype dimension: {Fool \leftrightarrow Hero}

{weak/incompetent/lazy/stupid \leftrightarrow powerful/capable/purposeful/intelligent}

A. Most aligned traits (\hat{v}_1)	Cos.	Var.	Comp.	Trait Size		B. Traits by (\hat{v}_1)	Cos.	Var.	Comp.	Trait Size	
	Expl.	Size		Size	Rank	largest component	Expl.	Size		Size	Rank
1. {incompetent \leftrightarrow competent}	0.94	88.7	80.7	85.6	22	1. {lazy \leftrightarrow diligent}	0.91	83.5	87.7	96.0	2
2. {helpless \leftrightarrow resourceful}	0.91	83.7	76.9	84.0	31	2. {quitter \leftrightarrow persistent}	0.87	74.9	86.5	100.0	1
3. {lazy \leftrightarrow diligent}	0.91	83.5	87.7	96.0	2	3. {unmotivated \leftrightarrow motivated}	0.87	75.9	83.6	96.0	3
4. {low IQ \leftrightarrow high IQ}	0.91	82.9	80.4	88.3	12	4. {unambitious \leftrightarrow driven}	0.88	77.3	81.9	93.2	6
5. {unobservant \leftrightarrow perceptive}	0.91	82.4	76.7	84.5	27	5. {incompetent \leftrightarrow competent}	0.94	88.7	80.7	85.6	22

C. Most negatively aligned characters ($-\hat{u}_1$)	Cos.	Var.	Comp.	Char. Size		D. Most positively aligned characters ($+\hat{u}_1$)	Cos.	Var.	Comp.	Char. Size	
	Expl.	Size		Size	Rank		Expl.	Size		Size	Rank
1. Barney Gumble/ The Simpsons/	-0.63	39.2	51.1	81.7	250	1. Kate Beckett/ Castle/	0.92	84.0	70.6	77.1	465
2. Kevin Malone/ The Office/	-0.60	35.6	44.7	75.0	571	2. Olivia Benson/ Law & Order: SVU/	0.89	79.9	72.1	80.6	291
3. Jake Harper/ Two and a Half Men/	-0.58	33.2	37.3	64.8	1182	3. Jessica Pearson/ Suits/	0.88	77.8	70.5	80.0	315
4. Nelson Bighetti/ Silicon Valley/	-0.57	32.7	48.2	84.2	176	4. Kim Wexler/ Better Call Saul/	0.88	77.4	59.8	68.0	995
5. The Deep/ The Boys/	-0.56	31.6	43.8	78.0	420	5. Sara Sidle/ CSI: Crime Scene Investigation/	0.88	77.3	51.5	58.6	1519

E. Characters by largest negative component ($-\hat{u}_1$)	Cos.	Var.	Comp.	Char. Size		F. Characters by largest positive component ($+\hat{u}_1$)	Cos.	Var.	Comp.	Char. Size	
	Expl.	Size		Size	Rank		Expl.	Size		Size	Rank
1. Barney Gumble/ The Simpsons/	-0.63	39.2	51.1	81.7	250	1. Jean-Luc Picard/ Star Trek: The Next Generation/	0.86	73.8	78.0	90.8	40
2. Nelson Bighetti/ Silicon Valley/	-0.57	32.7	48.2	84.2	176	2. William Adama/ Battlestar Galactica/	0.85	71.9	76.0	89.7	58
3. Kevin Malone/ The Office/	-0.60	35.6	44.7	75.0	571	3. Hermione Granger/ Harry Potter/	0.88	76.9	75.0	85.5	142
4. Ziggy Sobotka/ The Wire/	-0.48	23.2	44.3	91.9	28	4. Olivia Pope/ Scandal/	0.85	71.8	74.1	87.4	96
5. The Deep/ The Boys/	-0.56	31.6	43.8	78.0	420	5. Chrisjen Avasarala/ The Expanse/	0.81	65.8	72.8	89.8	53

Walternate framings



{Zeros \Leftrightarrow Heroes}



{Saints \Leftrightarrow Sinners}

Primary essential character dimensions:

Primary Archetypes #. ~ Descriptors	Essential Meaning (Ousiometrics)	Five factor model dimensions	First Dimension	% Variance Explained
1. {Fool' ⇔ Hero'}	{weak ⇔ powerful}	+{conscientiousness}	39.5% (12+778=790)	24.4%
~ {weak/incompetent/lazy/stupid' ⇔ powerful/capable/purposeful/intelligent'}				
2. {Angel' ⇔ Demon'}	{safe ⇔ dangerous}	−{agreeableness}, +{extroversion}	27.3% (228+318=546)	20.4%
~ {safe/pure/virtuous/humble' ⇔ dangerous/depraved/corrupt/arrogant'}				
3. {Traditionalist' ⇔ Adventurer'}	{structured ⇔ unstructured} + {openness}, +{extroversion}		19.2% (62+323=385)	14.6%
~ {serious/predictable/humorless/uncreative' ⇔ playful/unpredictable/funny/creative'}				
Totals for dimensions 1, 2, and 3: 86.0% (302+1419=1721)				59.4%

Secondary essential character dimensions:

Secondary Archetypes #. ~ Descriptors	Five factor model dimension(s)	Primary Dimension	% Variance Explained
4. { Lone Wolf' ⇔ Diva'}	+{extroversion}	5.7% (22+91=113)	6.2%
~ {rugged/stoic/independent/blunt' ⇔ refined/dramatic/dependent/sensitive'}			
5. {Outcast' ⇔ Sophisticate'}	+{extroversion}, −{neuroticism}	5.6% (112+0=112)	5.1%
~ {unlucky/unsophisticated/traumatized' ⇔ fortunate/sophisticated/confident'}			
6. {Brute' ⇔ Geek'}	−{extroversion}, +{neuroticism}	1.9% (27+11=38)	3.8%
~ {physical/mainstream/simple-minded' ⇔ intellectual/weird/complex'}			
Totals for dimensions 4, 5, and 6: 13.2% (161+102=263)			15.1%
Totals for dimensions 1-6: 99.2% (463+1521=1984)			74.6%

Trait-level essential character dimensions:

Unnamed non-Archetype Complex Essential Traits #. ~ Descriptors	Primary Dimension	% Variance Explained
7. ~ {dramatic/attractive/young' ⇔ comedic/ugly/old'}	0.5% (5+4=9)	2.1%
8. ~ {spiritual/rural/historical' ⇔ skeptical/urban/modern'}	0.2% (0+5=5)	1.6%
9. ~ {old/historical/low-tempo' ⇔ young/modern/high-tempo'}	0.1% (2+0=2)	1.4%
10. ~ {feminine/luddite' ⇔ masculine/technophile'}	0.0% (0+0=0)	1.1%
11. ~ {secondary/street-wise' ⇔ primary/sheltered'}	0.0% (0+0=0)	0.9%
Totals for dimensions 7-11:	0.8% (7+9=16)	7.2%
Totals for dimensions 12-464:	0.0% (0+0=0)	18.3%
Totals overall:	100.0% (2000)	100.0%

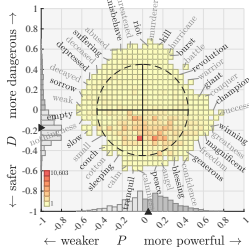


“Ousiometrics and Telegnomics: The essence of meaning conforms to a two-dimensional powerful-weak and dangerous-safe framework with diverse corpora presenting a safety bias”

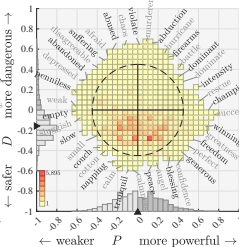
Dodds et al.,

, 2021. [2]

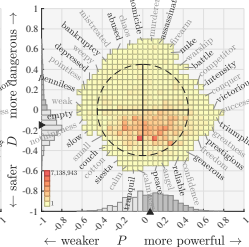
A. Jane Austen



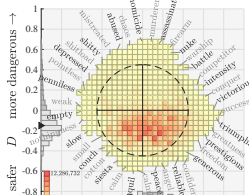
B. Sherlock Holmes



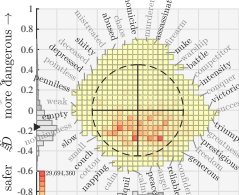
C. The New York Times



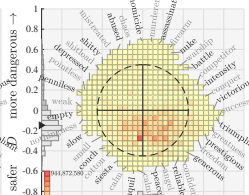
D. Wikipedia



E. RadioTalk



F. Twitter



The PoCServe
Archetypometrics
40 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Most extreme characters by character size:

Rank.	Character Storyverse	Size S	Top Three Archetypes (Essential Direction, Norm. Component/% Variance Explained)			R _{ext} ^{arch}
			Third:	Second:	First:	
1.	Joffrey Baratheon/ Game of Thrones/	100.0	Fool/ (-1, 26.1/6.8%)	Divan/ (+4, 29.4/8.6%)	Demon/ (+2, 81.2/65.9%)	7.6
2.	Ilana Wexler/ Broad City/	99.4	— (+14, 11.4/1.3%)	Demon/ (+2, 27.5/7.7%)	Adventurer/ (+3, 86.4/75.6%)	9.8
3.	Firelord Ozai/ Avatar: The Last Airbender/	98.7	Traditionalist/ (-3, 30.8/9.7%)	Hero/ (+1, 38.8/15.4%)	Demon/ (+2, 74.8/57.4%)	7.2
4.	Logan Roy/ Succession/	98.2	Traditionalist/ (-3, 24.1/6.0%)	Hero/ (+1, 49.5/25.4%)	Demon/ (+2, 70.3/51.2%)	12.3
5.	Nurse Ratched/ One Flew Over the Cuckoo's Nest/	97.0	Hero/ (+1, 42.8/19.4%)	Demon/ (+2, 51.5/28.2%)	Traditionalist/ (-3, 55.6/32.8%)	46.9
6.	Tracy Jordan/ 30 Rock/	96.3	Fool/ (-1, 17.9/3.5%)	Demon/ (+2, 44.0/20.9%)	Adventurer/ (+3, 70.8/54.1%)	18.3
7.	Sid Phillips/ Toy Story/	95.6	Fool/ (-1, 14.3/2.2%)	Outcast/ (-5, 34.1/12.7%)	Demon/ (+2, 80.0/70.0%)	6.2
8.	Dolores Umbridge/ Harry Potter/	95.3	Traditionalist/ (-3, 36.1/14.4%)	Divan/ (+4, 36.9/15.0%)	Demon/ (+2, 65.8/47.7%)	11.2
9.	Azula/ Avatar: The Last Airbender/	95.2	— (+9, 13.4/2.0%)	Hero/ (+1, 50.2/27.8%)	Demon/ (+2, 70.9/55.4%)	34.3
10.	Tuvok/ Star Trek: Voyager/	94.7	Angel/ (-2, 17.7/3.5%)	Traditionalist/ (-3, 53.2/31.5%)	Hero/ (+1, 63.6/45.1%)	21.8
11.	Eric Cartman/ South Park/	94.4	— (+7, 19.7/4.3%)	Adventurer/ (+3, 28.9/9.4%)	Demon/ (+2, 76.0/64.8%)	6.9
12.	Malory Archer/ Archer/	94.4	Divan/ (+4, 23.4/6.1%)	Hero/ (+1, 41.8/19.6%)	Demon/ (+2, 70.4/55.7%)	11.5
13.	Gollum/ Lord of the Rings/	94.4	Fool/ (-1, 18.7/3.9%)	Outcast/ (-5, 50.3/28.4%)	Demon/ (+2, 61.8/42.9%)	17.9
14.	Jenna Maroney/ 30 Rock/	94.0	Divan/ (+4, 42.6/20.5%)	Adventurer/ (+3, 50.4/28.8%)	Demon/ (+2, 54.9/34.1%)	41.2
15.	Ron Swanson/ Parks and Recreation/	93.8	Traditionalist/ (-3, 30.1/10.3%)	Lone Wolf/ (-4, 39.8/18.0%)	Hero/ (+1, 55.5/35.0%)	8.1
16.	Man in Black/ Westworld/	93.4	— (+10, 15.2/2.7%)	Hero/ (+1, 43.8/22.0%)	Demon/ (+2, 71.2/58.1%)	17.7
17.	Sterling Archer/ Archer/	93.4	— (+11, 14.9/2.6%)	Adventurer/ (+3, 50.8/29.6%)	Demon/ (+2, 63.5/46.2%)	29.2
18.	Mr. Burns/ The Simpsons/	93.2	Hero/ (+1, 21.5/5.3%)	Traditionalist/ (-3, 33.6/13.0%)	Demon/ (+2, 72.2/59.9%)	7.5
19.	Lucille Bluth/ Arrested Development/	92.9	Hero/ (+1, 24.1/6.8%)	Divan/ (+4, 29.3/10.0%)	Demon/ (+2, 73.5/62.7%)	6.3
20.	Lord Voldemort/ Harry Potter/	92.6	— (-8, 22.7/6.0%)	Hero/ (+1, 24.4/6.9%)	Demon/ (+2, 76.7/68.5%)	9.9
21.	Darlene Snell/ Ozark/	92.6	— (-8, 26.7/8.3%)	Outcast/ (-5, 30.1/10.5%)	Demon/ (+2, 72.6/61.5%)	5.8
22.	Red Forman/ That 70's Show/	92.6	Demon/ (+2, 38.2/17.1%)	Hero/ (+1, 44.4/23.0%)	Traditionalist/ (-3, 46.5/25.3%)	4.6
23.	The Joker/ The Dark Knight/	92.5	Geek/ (+6, 27.9/9.1%)	Adventurer/ (+3, 45.5/24.1%)	Demon/ (+2, 60.8/43.3%)	13.7
24.	Frank Gallagher/ Shameless/	92.5	Fool/ (-1, 32.5/12.3%)	Adventurer/ (+3, 32.8/12.6%)	Demon/ (+2, 64.4/48.5%)	11.1
25.	Dr. Gregory House/ House, M.D./	92.0	Geek/ (+6, 22.1/5.8%)	Hero/ (+1, 37.4/16.5%)	Demon/ (+2, 65.5/50.6%)	10.8

Extended archetypes:



Allowing for mixtures of up to three archetypes, the possibilities are:



12 single archetypes



60 dual archetypes



160 triple archetypes



Adventurer-Demon⁷ (unpredictable-dangerous) = Chaos Agent.








Traditionalist-Demon-Hero⁷
(predictable-dangerous-powerful) = Tyrant

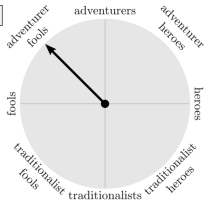


As before, all essential dimensions from 7 up⁷ are complex traits.

Realized archetypes:

-  A character's archetype ratio R_{arch} is the ratio of the variance explained by their first and second dimensions.
-  For each of the 232 extended archetypes, transform coordinates to determine R_{arch} .
-  A character is a major archetype if $R_{\text{arch}} \geq 10$.
-  A character is a minor archetype if $5 \leq R_{\text{arch}} < 10$.
-  A character is a weak archetype if $R_{\text{arch}} < 5$.

B



Most aligned traits

1. {deliberate ⇒ spontaneous}✓
2. {serious ⇒ playful}✓
3. {rational ⇒ whimsical}✓
4. {studious ⇒ goof-off}✓
5. {tight ⇒ loose}✓

Most aligned characters

1. Jason Mendoza✓ The Good Place✓
2. Michael Kelso✓ That 70's Show✓
3. Luke Dunphy✓ Modern Family✓
4. Patrick Star✓ SpongeBob SquarePants✓
5. Gene Belcher✓ Bob's Burgers✓

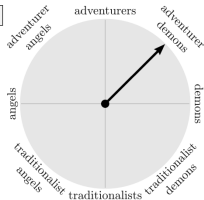
Traits by largest component

1. {studious ⇒ goof-off}✓
2. {focused ⇒ absentminded}✓
3. {scheduled ⇒ spontaneous}✓
4. {workaholic ⇒ slacker}✓
5. {on-time ⇒ tardy}✓

Characters by largest component

1. Jason Mendoza✓ The Good Place✓
2. Michael Kelso✓ That 70's Show✓
3. Patrick Star✓ SpongeBob SquarePants✓
4. Tracy Jordan✓ 30 Rock✓
5. Ilana Wexler✓ Broad City✓

C



Most aligned traits

1. {tame ⇒ wild}✓
2. {well behaved ⇒ mischievous}✓
3. {proper ⇒ scandalous}✓
4. {politically correct ⇒ edgy}✓
5. {moderate ⇒ extreme}✓

Most aligned characters

1. Bender✓ Futurama✓
2. Bart Simpson✓ The Simpsons✓
3. Jack Sparrow✓ Pirates of the Caribbean✓
4. Sterling Archer✓ Archer✓
5. Tyler Durden✓ Fight Club✓

Traits by largest component

1. {obedient ⇒ rebellious}✓
2. {moderate ⇒ extreme}✓
3. {orderly ⇒ chaotic}✓
4. {shy ⇒ bold}✓
5. {modest ⇒ flamboyant}✓

Characters by largest component

1. Tracy Jordan✓ 30 Rock✓
2. Sterling Archer✓ Archer✓
3. Ilana Wexler✓ Broad City✓
4. Bender✓ Futurama✓
5. The Joker✓ The Dark Knight✓



Finer scale is too fine: Demon by Demon-Fool  is not sensible.

Most archetypal characters:

Rank by $R_{\text{arch}}^{\text{ext}}$	Character Story	Size S	Rank	Archetype	% var. exp.: (β_1, β_2)	$R_{\text{arch}}^{\text{ext}}$
1.	Raquel Murillo/ Money Heist/	55.8	1673	Hero/	(77.2, 1.4)	56.4
2.	Tywin Lannister/ Game of Thrones/	90.0	49	Traditionalist-Hero-Demon/	(85.9, 1.5)	56.4
3.	Jesper Fahey/ Shadow and Bone/	81.3	264	Adventurer/	(80.6, 1.5)	55.2
4.	Charlie Young/ The West Wing/	81.4	257	Angel-Hero/	(83.4, 1.7)	49.7
5.	Nurse Ratched/ One Flew Over the Cuckoo's Nest/	97.0	5	Hero-Demon-Traditionalist/	(79.5, 1.7)	46.9
6.	Cho Sang-woo/ Squid Game/	75.2	554	Demon-Hero-Traditionalist/	(75.7, 1.6)	46.7
7.	Obi-Wan Kenobi/ Star Wars: Revenge of the Sith/	76.2	505	Angel-Hero/	(80.2, 1.8)	45.8
8.	Elinor Dashwood/ Sense and Sensibility/	78.1	415	Traditionalist-Angel-Hero/	(80.8, 1.9)	41.5
9.	Jenna Maroney/ 30 Rock/	94.0	14	Diva-Adventurer-Demon/	(82.6, 2.0)	41.2
10.	Will Byers/ Stranger Things/	64.1	1229	Geek-Outcast-Angel/	(76.1, 2.0)	38.9
11.	Doc/ Baby Driver/	74.7	593	Traditionalist-Demon-Hero/	(82.7, 2.1)	38.7
12.	Patty Hewes/ Damages/	86.0	124	Demon-Hero/	(77.3, 2.1)	37.7
13.	Kate Beckett/ Castle/	77.1	465	Hero/	(84.0, 2.3)	36.8
14.	Bender/ Futurama/	90.5	43	Adventurer-Demon/	(78.5, 2.1)	36.7
15.	Annie Porter/ Speed/	60.9	1412	Hero-Angel-Adventurer/	(73.1, 2.1)	35.3
16.	Regina Mills/ Once Upon a Time/	77.8	425	Demon-Hero/	(77.8, 2.2)	35.0
17.	Alexander Conklin/ The Bourne Identity/	74.4	614	Hero-Traditionalist-Demon/	(80.0, 2.3)	34.9
18.	Kathryn Janeway/ Star Trek: Voyager/	80.9	285	Hero/	(76.2, 2.2)	34.8
19.	Azula/ Avatar: The Last Airbender/	95.2	9	Hero-Demon/	(80.9, 2.4)	34.3
20.	Marmee March/ Little Women/	73.1	688	Hero-Angel/	(81.4, 2.4)	33.7
21.	Amy March/ Little Women/	51.0	1860	Adventurer-Diva-Hero/	(72.5, 2.2)	33.5
22.	Agent Smith/ The Matrix/	85.6	140	Traditionalist-Hero-Demon/	(79.6, 2.4)	33.1
23.	Rogelio De La Vega/ Jane the Virgin/	75.9	520	Diva-Adventurer/	(74.2, 2.2)	33.1
24.	Olaf/ Frozen/	89.8	55	Angel-Adventurer/	(77.1, 2.3)	33.0
25.	Hwang Jun-ho/ Squid Game/	64.6	1196	Hero/	(72.3, 2.3)	32.1

Archetype Class (#Characters)	#Major Archetypes	#Minor Archetypes	Paragon (Size S, Rank)	Max $R_{\text{arch}}^{\text{next}}$
-------------------------------	-------------------	-------------------	------------------------	-------------------------------------

A. Single major archetype classes

1. Heroes/ (191)	75 (39.3%)	110 (57.6%)	Raquel Murillo/ Money Heist/ (55.8, 1673)	56.4
2. Adventurers/ (64)	30 (46.9%)	30 (46.9%)	Jesper Fahey/ Shadow and Bone/ (81.3, 264)	55.2
3. Demons/ (45)	12 (26.7%)	33 (73.3%)	George Bluth, Sr./ Arrested Development/ (77.2, 457)	22.5
4. Angels/ (27)	5 (18.5%)	21 (77.8%)	Beth March/ Little Women/ (79.5, 344)	16.5
5. Divas/ (4)	1 (25.0%)	3 (75.0%)	Marnie Michaels/ Girls/ (64.2, 1222)	10.3

B. Dual major archetype classes

1. Angel-Heroes/ (114)	60 (52.6%)	50 (43.9%)	Charlie Young/ The West Wing/ (81.4, 257)	49.7
2. Demon-Heroes/ (93)	51 (54.8%)	40 (43.0%)	Patty Hewes/ Damages/ (86.0, 124)	37.7
3. Adventurer-Heroes/ (51)	25 (49.0%)	22 (43.1%)	Sabrina Spellman/ Chilling Adventures of Sabrina/ (70.2, 877)	28.9
4. Adventurer-Demons/ (33)	22 (66.7%)	10 (30.3%)	Bender/ Futurama/ (90.5, 43)	36.7
5. Traditionalist-Heroes/ (43)	20 (46.5%)	23 (53.5%)	Cobra Bubbles/ Lilo & Stitch/ (75.8, 523)	28.1
6. Adventurer-Angels/ (34)	18 (52.9%)	16 (47.1%)	Olaf/ Frozen/ (89.8, 55)	33.0
7. Diva-Adventurers/ (20)	11 (55.0%)	5 (25.0%)	Rogelio De La Vega/ Jane the Virgin/ (75.9, 520)	33.1
8. Outcast-Angels/ (16)	8 (50.0%)	6 (37.5%)	The Tin Man/ The Wizard of Oz/ (49.8, 1890)	31.6
9. Lone Wolf-Heroes/ (22)	7 (31.8%)	14 (63.6%)	Nathaniel 'Hawkeye' Poe/ The Last of the Mohicans/ (79.1, 369)	16.7
10. Diva-Demons/ (20)	7 (35.0%)	10 (50.0%)	King George III/ Hamilton/ (85.0, 155)	31.9
11. Diva-Heroes/ (18)	5 (27.8%)	11 (61.1%)	Tahani Al-Jamil/ The Good Place/ (72.2, 749)	20.9
12. Outcast-Adventurers/ (6)	4 (66.7%)	2 (33.3%)	Sam Witwicky/ Transformers/ (48.1, 1924)	20.1
13. Adventurer-Fools/ (7)	3 (42.9%)	4 (57.1%)	Luke Dunphy/ Modern Family/ (64.8, 1185)	14.2
14. Outcast-Demons/ (7)	2 (28.6%)	4 (57.1%)	Gollum/ Lord of the Rings/ (94.4, 13)	17.9
15. Brute-Adventurers/ (9)	2 (22.2%)	6 (66.7%)	Emmett Cullen/ Twilight/ (57.6, 1576)	14.9
16. Outcast-Heroes/ (2)	1 (50.0%)	0 (0.0%)	Guy Montag/ Fahrenheit 451/ (52.1, 1832)	14.7
17. Outcast-Fools/ (3)	1 (33.3%)	2 (66.7%)	Mike McLintock/ Veep/ (66.3, 1101)	17.1
18. Geek-Heroes/ (9)	1 (11.1%)	7 (77.8%)	Ava/ Ex Machina/ (74.8, 582)	12.2
19. Brute-Heroes/ (10)	1 (10.0%)	8 (80.0%)	Hank Schrader/ Breaking Bad/ (64.5, 1198)	11.1
20. Diva-Angels/ (8)	1 (12.5%)	7 (87.5%)	Becca/ Superbad/ (44.2, 1965)	10.9

C. Triple major archetype classes (1–20)

1. Adventurer-Angel-Heroes ⁷ (74)	37 (50.0%)	28 (37.8%)	Annie Porter ⁷ Speed ⁷ (60.9, 1412)	35.3
2. Adventurer-Demon-Heroes ⁷ (67)	27 (40.3%)	35 (52.2%)	Damon Salvatore ⁷ The Vampire Diaries ⁷ (77.9, 422)	24.1
3. Traditionalist-Demon-Heroes ⁷ (50)	24 (48.0%)	22 (44.0%)	Tywin Lannister ⁷ Game of Thrones ⁷ (90.0, 49)	56.4
4. Diva-Angel-Heroes ⁷ (49)	20 (40.8%)	25 (51.0%)	Dr. Allison Cameron ⁷ House, M.D. ⁷ (55.8, 1676)	30.9
5. Diva-Demon-Heroes ⁷ (34)	15 (44.1%)	14 (41.2%)	Emily Charlton ⁷ The Devil Wears Prada ⁷ (62.8, 1304)	20.5
6. Outcast-Angel-Heroes ⁷ (34)	14 (41.2%)	14 (41.2%)	Homer ⁷ The OA ⁷ (51.8, 1842)	24.1
7. Brute-Angel-Heroes ⁷ (24)	12 (50.0%)	9 (37.5%)	Clinton Jones ⁷ White Collar ⁷ (65.8, 1131)	17.4
8. Lone Wolf-Adventurer-Heroes ⁷ (21)	10 (47.6%)	9 (42.9%)	Connor MacManus ⁷ The Boondock Saints ⁷ (64.8, 1178)	29.8
9. Brute-Adventurer-Heroes ⁷ (18)	10 (55.6%)	7 (38.9%)	Steven Hiller ⁷ Independence Day ⁷ (71.7, 779)	20.4
10. Diva-Adventurer-Demons ⁷ (27)	10 (37.0%)	14 (51.9%)	Jenna Maroney ⁷ 30 Rock ⁷ (94.0, 14)	41.2
11. Outcast-Adventurer-Demons ⁷ (27)	9 (33.3%)	14 (51.9%)	Debbie Gallagher ⁷ Shameless ⁷ (63.0, 1291)	21.9
12. Outcast-Adventurer-Angels ⁷ (28)	9 (32.1%)	13 (46.4%)	Hurley Reyes ⁷ LOST ⁷ (72.9, 692)	16.8
13. Geek-Demon-Heroes ⁷ (22)	8 (36.4%)	11 (50.0%)	Amy Elliott Dunne ⁷ Gone Girl ⁷ (79.6, 341)	29.3
14. Diva-Traditionalist-Heroes ⁷ (21)	8 (38.1%)	8 (38.1%)	Claire ⁷ Fleabag ⁷ (73.9, 643)	20.8
15. Brute-Traditionalist-Heroes ⁷ (15)	8 (53.3%)	5 (33.3%)	Ashley Stubbs ⁷ Westworld ⁷ (65.2, 1157)	18.0
16. Traditionalist-Angel-Heroes ⁷ (28)	7 (25.0%)	12 (42.9%)	Elinor Dashwood ⁷ Sense and Sensibility ⁷ (78.1, 415)	41.5
17. Outcast-Diva-Traditionalists ⁷ (13)	7 (53.8%)	5 (38.5%)	Cyril Figgis ⁷ Archer ⁷ (80.5, 294)	20.6
18. Diva-Adventurer-Heroes ⁷ (25)	6 (24.0%)	13 (52.0%)	Amy March ⁷ Little Women ⁷ (51.0, 1860)	33.5
19. Sophisticate-Adventurer-Heroes ⁷ (14)	6 (42.9%)	7 (50.0%)	Cece Parekh ⁷ New Girl ⁷ (60.5, 1429)	12.0
20. Brute-Demon-Heroes ⁷ (10)	5 (50.0%)	3 (30.0%)	Sgt. Sean Dignam ⁷ The Departed ⁷ (70.5, 846)	20.3

Archetype Class (#Characters)	#Strong Archetypes	#Moderate Archetypes	Paragon (Size <i>S</i> , Rank)	Max <i>R</i> _{arch} ^{ext}
-------------------------------	-----------------------	-------------------------	-----------------------------------	--

C. Triple major archetype classes (21–70)

21. Geek-Angel-Heroes/ (13)	5 (38.5%)	6 (46.2%)	Ariadne/ Inception/ (59.7, 1469)	16.5
22. Outcast-Adventurer-Fools/ (10)	5 (50.0%)	3 (30.0%)	Charlie Kelly/ It's Always Sunny in Philadelphia/ (85.9, 127)	21.4
23. Diva-Adventurer-Angels/ (13)	5 (38.5%)	7 (53.8%)	Jess Day/ New Girl/ (82.5, 228)	17.6
24. Diva-Traditionalist-Demons/ (18)	5 (27.8%)	8 (44.4%)	Samuel Norton/ The Shawshank Redemption/ (85.7, 138)	15.1
25. Outcast-Diva-Angels/ (24)	5 (20.8%)	13 (54.2%)	Petrie/ The Land Before Time/ (67.5, 1038)	14.9
26. Brute-Outcast-Demons/ (12)	5 (41.7%)	6 (50.0%)	Nick Sobotka/ The Wire/ (56.2, 1658)	23.2
27. Adventurer-Demon-Fools/ (12)	4 (33.3%)	6 (50.0%)	Myrtle Wilson/ The Great Gatsby/ (67.7, 1017)	12.1
28. Lone Wolf-Demon-Heroes/ (31)	4 (12.9%)	24 (77.4%)	Rosa Diaz/ Brooklyn Nine-Nine/ (81.8, 245)	29.3
29. Geek-Adventurer-Heroes/ (16)	4 (25.0%)	5 (31.2%)	Ambrose Spellman/ Chilling Adventures of Sabrina/ (64.1, 1227)	17.0
30. Lone Wolf-Adventurer-Demons/ (14)	4 (28.6%)	8 (57.1%)	Carl Gallagher/ Shameless/ (65.1, 1167)	16.0
31. Outcast-Traditionalist-Angels/ (13)	4 (30.8%)	8 (61.5%)	Evan/ Superbad/ (66.9, 1076)	13.0
32. Brute-Adventurer-Demons/ (11)	4 (36.4%)	4 (36.4%)	Riff/ West Side Story/ (65.1, 1169)	23.0
33. Brute-Lone Wolf-Heroes/ (11)	4 (36.4%)	5 (45.5%)	Rip Wheeler/ Yellowstone/ (84.9, 157)	14.6
34. Brute-Outcast-Angels/ (9)	4 (44.4%)	4 (44.4%)	Sancho Panza/ Don Quixote/ (60.0, 1451)	23.0
35. Sophisticate-Angel-Heroes/ (4)	3 (75.0%)	1 (25.0%)	Princess Celestia/ My Little Pony: Friendship Is Magic/ (84.6, 166)	23.9
36. Outcast-Traditionalist-Demons/ (7)	3 (42.9%)	2 (28.6%)	Stannis Baratheon/ Game of Thrones/ (69.0, 938)	19.3
37. Brute-Adventurer-Angels/ (9)	3 (33.3%)	5 (55.6%)	Sam Evans/ Glee/ (63.6, 1250)	17.5
38. Outcast-Lone Wolf-Heroes/ (14)	3 (21.4%)	7 (50.0%)	Fern/ Nomadland/ (65.0, 1172)	13.8
39. Geek-Outcast-Heroes/ (12)	3 (25.0%)	5 (41.7%)	Viktor/ Arcane/ (71.0, 816)	18.1
40. Geek-Outcast-Angels/ (7)	3 (42.9%)	4 (57.1%)	Will Byers/ Stranger Things/ (64.1, 1229)	38.9
41. Lone Wolf-Angel-Heroes/ (11)	2 (18.2%)	9 (81.8%)	Hakoda/ Avatar: The Last Airbender/ (68.9, 940)	16.8
42. Outcast-Demon-Fools/ (11)	2 (18.2%)	8 (72.7%)	Dennis Nedry/ Jurassic Park/ (78.9, 381)	16.1
43. Outcast-Angel-Fools/ (8)	2 (25.0%)	6 (75.0%)	Alfredo Linguini/ Ratatouille/ (65.6, 1141)	16.3
44. Lone Wolf-Traditionalist-Heroes/ (5)	2 (40.0%)	2 (40.0%)	Mike Ehrmantraut/ Breaking Bad/ (80.5, 296)	19.0
45. Outcast-Adventurer-Heroes/ (17)	2 (11.8%)	12 (70.6%)	John Connor/ Terminator 2: Judgement Day/ (53.7, 1777)	10.3

46.	Geek-Adventurer-Angels/ (3)	2 (66.7%)	1 (33.3%)	Luna Lovegood/ Harry Potter/ (86.0, 123)	17.4
47.	Brute-Traditionalist-Demons/ (5)	2 (40.0%)	3 (60.0%)	Byron Hadley/ The Shawshank Redemption/ (83.6, 191)	11.3
48.	Outcast-Diva-Demons/ (5)	2 (40.0%)	2 (40.0%)	Louis Litt/ Suits/ (66.6, 1091)	16.8
49.	Brute-Diva-Demons/ (5)	2 (40.0%)	2 (40.0%)	Topper/ Outer Banks/ (73.5, 665)	11.8
50.	Outcast-Diva-Adventurers/ (11)	2 (18.2%)	2 (18.2%)	Kath/ After Life/ (53.3, 1791)	12.0
51.	Geek-Outcast-Adventurers/ (3)	2 (66.7%)	0 (0.0%)	Lily Iglehart/ Sex Education/ (67.5, 1034)	16.3
52.	Geek-Outcast-Traditionalists/ (6)	2 (33.3%)	3 (50.0%)	Peter Doppler/ Dark/ (55.5, 1690)	13.5
53.	Brute-Outcast-Traditionalists/ (4)	2 (50.0%)	2 (50.0%)	Luther Hargreeves/ The Umbrella Academy/ (60.6, 1425)	13.4
54.	Diva-Demon-Fools/ (3)	1 (33.3%)	2 (66.7%)	James Taggart/ Atlas Shrugged/ (69.2, 931)	26.8
55.	Outcast-Demon-Heroes/ (15)	1 (6.7%)	6 (40.0%)	Diego Hargreeves/ The Umbrella Academy/ (64.1, 1230)	12.0
56.	Diva-Adventurer-Fools/ (7)	1 (14.3%)	5 (71.4%)	June George/ Mean Girls/ (74.1, 637)	13.0
57.	Outcast-Traditionalist-Heroes/ (11)	1 (9.1%)	7 (63.6%)	Marlin/ Finding Nemo/ (68.3, 971)	12.3
58.	Geek-Traditionalist-Heroes/ (6)	1 (16.7%)	4 (66.7%)	Brandon Stark/ Game of Thrones/ (64.4, 1210)	11.2
59.	Lone Wolf-Adventurer-Angels/ (2)	1 (50.0%)	1 (50.0%)	Helsinki/ Money Heist/ (59.4, 1485)	10.3
60.	Geek-Adventurer-Demons/ (5)	1 (20.0%)	3 (60.0%)	The Joker/ The Dark Knight/ (92.5, 23)	13.7
61.	Sophisticate-Diva-Heroes/ (3)	1 (33.3%)	1 (33.3%)	Rarity/ My Little Pony: Friendship Is Magic/ (73.9, 644)	12.1
62.	Outcast-Diva-Fools/ (4)	1 (25.0%)	2 (50.0%)	Buster Bluth/ Arrested Development/ (79.6, 334)	13.0
63.	Brute-Outcast-Heroes/ (12)	1 (8.3%)	10 (83.3%)	C-Note Franklin/ Prison Break/ (43.2, 1976)	11.0
64.	Outcast-Lone Wolf-Demons/ (8)	1 (12.5%)	5 (62.5%)	Eric O'Bannon/ Bloodline/ (72.6, 723)	10.7
65.	Geek-Diva-Demons/ (2)	1 (50.0%)	1 (50.0%)	Gaius Baltar/ Battlestar Galactica/ (85.1, 152)	14.4
66.	Geek-Outcast-Demons/ (5)	1 (20.0%)	2 (40.0%)	Oswald Cobblepot/ Gotham/ (69.2, 932)	11.6
67.	Outcast-Lone Wolf-Adventurers/ (1)	1 (100.0%)	0 (0.0%)	Kenny McCormick/ South Park/ (54.1, 1760)	13.1
68.	Outcast-Lone Wolf-Traditionalists/ (2)	1 (50.0%)	1 (50.0%)	Charlie Strong/ Peaky Blinders/ (54.1, 1758)	12.1
69.	Brute-Diva-Adventurers/ (4)	1 (25.0%)	2 (50.0%)	Jules Loudan/ The Cabin in the Woods/ (67.2, 1052)	15.9
70.	Brute-Outcast-Adventurers/ (3)	1 (33.3%)	2 (66.7%)	Connie Springer/ Attack on Titan/ (58.2, 1541)	16.3

An online exploratorium of 33,000+ interconnected cards

Index cards:



Stories⁷



Traits⁷



Archetypes⁷



Essential Traits⁷



Option to switch cards between scaled data sets where available.

The PoCverse
Archetypometrics
51 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

all stories↗

all traits↗

all archetypes↗

quitter ⇒ persistent↘

Relative trait strength 100%, 1/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ 86.5/74.9% Hero↗
weak/incompetent/lazy/stupid↗ ⇒ powerful/capable/purposeful/intelligent↗Angel↗ ⇒ 8.1/0.7% Demon↗
safe/pure/virtuous/humble↗ ⇒ dangerous/depraved/corrupt/arrogant↗Traditionalist↗ ⇒ 28.6/8.2% Adventurer↗
serious/predictable/humorless/uncreative↗ ⇒ playful/unpredictable/funny/creative↗Lone Wolf↗ ⇒ 14.8/2.2% Diva↗
rugged/stoic/independent/blunt↗ ⇒ refined/dramatic/dependent/sensitive↗24.4/6.0% Outcast↗ ⇐ Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇐ fortunate/sophisticated/confident↗6.4/0.4% Brute↗ ⇐ Geek↗
physical/mainstream/simple-minded↗ ⇐ intellectual/weird/complex↗Essential Trait 7↗
dramatic/attractive/young↗ ⇒ 8.3/0.7% comedic/ugly/old↗Essential Trait 8↗
7.2/0.5% spiritual/rural/historical↗ ⇐ skeptical/urban/modern↗Essential Trait 9↗
3.9/0.2% old/historical/low-tempo↗ ⇐ young/modern/high-tempo↗Essential Trait 10↗
feminine/luddite↗ ⇒ 8.0/0.6% masculine/technophile↗Essential Trait 11↗
5.9/0.3% secondary/street-wise↗ ⇐ primary/sheltered↗

Archetypometrics↗

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. unmotivated⇒motivated (100.0%)↗

2. lazy⇒diligent (99.6%)↗

3. helpless⇒resourceful (99.4%)↗

4. slothful⇒active (99.3%)↗

5. poorly-written⇒believable (99.1%)↗

6. irrelevant⇒important (98.7%)↗

7. unobservant⇒perceptive (97.9%)↗

8. underachiever⇒overachiever (97.9%)↗

9. incompetent⇒competent (97.1%)↗

10. low IQ⇒high IQ (96.6%)↗

11. uninspiring⇒charismatic (94.5%)↗

12. wavering⇒resolute (94.0%)↗

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Leslie Knope/Parks and Recreation (94.6)

2. Raymond 'Red' Reddington/The Blacklist (93.6)

3. the Alien/Alien (93.6)

4. Edward Elric/Fullmetal Alchemist: Brotherhood (93.2)

5. Yennefer/The Witcher (93.2)

6. Maeve Millay/Westworld (92.4)

7. Mulan/Mulan (92.4)

8. Geralt of Rivia/The Witcher (92.2)

9. T-800/Terminator 2: Judgement Day (92.0)

10. Ted Lasso/Ted Lasso (92.0)

11. Ellen Ripley/Alien (91.6)

12. Kathryn Janeway/Star Trek: Voyager (91.4)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

all stories↗

all traits↗

all archetypes↗

persistent ⇒ **quitter**↙

Relative trait strength 100%, 1/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/ %Variance Explained

86.5/74.9% Fool↗ ⇐ Hero↗
weak/incompetent/lazy/stupid↗ ⇐ powerful/capable/purposeful/intelligent↗8.1/0.7% Angel↗ ⇐ Demon↗
safe/pure/virtuous/humble↗ ⇐ dangerous/depraved/corrupt/arrogant↗28.6/8.2% Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗14.8/2.2% Lone Wolf↗ ⇐ Diva↗
rugged/stoic/independent/blunt↗ ⇐ refined/dramatic/dependent/sensitive↗Outcast↗ ⇒ 24.4/6.0% Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇐ fortunate/sophisticated/confident↗Brute↗ ⇒ 6.4/0.4% Geek↗
physical/mainstream/simple-minded↗ ⇐ intellectual/weird/complex↗Essential Trait 7↗
8.3/0.7% dramatic/attractive/young↗ ⇐ comedic/ugly/old↗Essential Trait 8↗
spiritual/rural/historical↗ ⇒ 7.2/0.5% skeptical/urban/modern↗Essential Trait 9↗
old/historical/low-tempo↗ ⇒ 3.9/0.2% young/modern/high-tempo↗Essential Trait 10↗
8.0/0.6% feminine/huddite↗ ⇐ masculine/technophile↗Essential Trait 11↗
secondary/street-wise↗ ⇒ 5.9/0.3% primary/sheltered↗

Archetypometrics↗

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. motivated⇒unmotivated (100.0%)↗

2. diligent⇒lazy (99.6%)↗

3. resourceful⇒helpless (99.4%)↗

4. active⇒slothful (99.3%)↗

5. believable⇒poorly-written (99.1%)↗

6. important⇒irrelevant (98.7%)↗

7. perceptive⇒unobservant (97.9%)↗

8. overachiever⇒underachiever (97.9%)↗

9. competent⇒incompetent (97.1%)↗

10. high IQ⇒low IQ (96.6%)↗

11. charismatic⇒uninspiring (94.5%)↗

12. resolute⇒wavering (94.0%)↗

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Jake Harper/Two and a Half Men (47.4)

2. Nick Miller/New Girl (45.2)

3. A.J. Soprano/The Sopranos (44.4)

4. Barney Gumble/The Simpsons (43.0)

5. Linda Montag/Fahrenheit 451 (42.4)

6. Peter Doppler/Dark (41.6)

7. Nelson Bighetti/Silicon Valley (41.6)

8. Lindsay Bluth/Arrested Development (38.6)

9. Jeff Portnoy/Tropic Thunder (37.2)

10. George Costanza/Seinfeld (37.0)

11. Kermit/Shameless (33.8)

12. Buster Bluth/Arrested Development (33.0)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

all stories↗

all traits↗

all archetypes↗

angelic ⇒ **demonic**↖

Relative trait strength 73%, 167/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/↗Variance Explained

14.0/3.7% Fool↗ ⇐ Hero↗

weak/incompetent/lazy/stupid↗ ⇐ powerful/capable/purposeful/intelligent↗

Angel↗ ⇒ 67.4/86.0% Demon↗

safe/pure/virtuous/humble↗ ⇒ dangerous/depraved/corrupt/arrogant↗

9.5/1.7% Traditionalist↗ ⇐ Adventurer↗

serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗

2.2/0.1% Lone Wolf↗ ⇐ Diva↗

rugged/stoic/independent/blunt↗ ⇐ refined/dramatic/dependent/sensitive↗

Outcast↗ ⇒ 4.6/0.4% Sophisticate↗

unlucky/unsophisticated/traumatized↗ ⇒ fortunate/sophisticated/confident↗

Brute↗ ⇒ 5.2/0.5% Geek↗

physical/mainstream/simple-minded↗ ⇒ intellectual/weird/complex↗

Essential Trait 7↗

dramatic/attractive/young↗ ⇒ 1.9/0.1% comedic/ugly/old↗

Essential Trait 8↗

0.6/0.0% spiritual/rural/historical↗ ⇐ skeptical/urban/modern↗

Essential Trait 9↗

2.6/0.1% old/historical/low-tempo↗ ⇐ young/modern/high-tempo↗

Essential Trait 10↗

feminine/huddite↗ ⇒ 1.1/0.0% masculine/technophile↗

Essential Trait 11↗

6.0/0.7% secondary/street-wise↗ ⇐ primary/sheltered↗

Archetypometrics↗

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. wholesome⇒**salacious** (100.0%)↗2. empath⇒**psychopath** (100.0%)↗3. complimentary⇒**insulting** (99.9%)↗4. forgiving⇒**vengeful** (99.9%)↗5. giving⇒**receiving** (99.8%)↗6. fixable⇒**unfixable** (99.7%)↗7. warm⇒**cold** (99.7%)↗8. transparent⇒**machiavellian** (99.7%)↗9. equitable⇒**hypocritical** (99.7%)↗10. sincere⇒**irreverent** (99.6%)↗11. trusting⇒**suspicious** (99.6%)↗12. democratic⇒**authoritarian** (99.6%)↗

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Freddy Krueger/A Nightmare on Elm Street (95.8)

2. General Kirigan/Shadow and Bone (95.4)

3. Joffrey Baratheon/Game of Thrones (94.4)

4. Lord Voldemort/Harry Potter (93.6)

5. Stormfront/The Boys (93.4)

6. Megatron/Transformers (92.4)

7. Nate Jacobs/Euphoria (92.2)

8. Rose Armitage/Get Out (92.0)

9. Dolores Umbridge/Harry Potter (91.8)

10. Eric Cartman/South Park (91.8)

11. Dean Armitage/Get Out (91.6)

12. Faustus Blackwood/Chilling Adventures of Sabrina (91.6)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

all stories↗

all traits↗

all archetypes↗

heroic ⇒ villainous↘

Relative trait strength 86%, 21/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

46.1/28.9% Fool↗ ⇐ Hero↗
weak/incompetent/lazy/stupid↗ ⇐ powerful/capable/purposeful/intelligent↗Angel↗ ⇒ 56.2/43.0% Demon↗
safe/pure/virtuous/humble↗ ⇐ dangerous/depraved/corrupt/arrogant↗26.8/9.8% Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗Lone Wolf↗ ⇒ 10.5/1.5% Diva↗
rugged/stoic/independent/blunt↗ ⇐ refined/dramatic/dependent/sensitive↗Outcast↗ ⇒ 17.1/4.0% Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇐ fortunate/sophisticated/confident↗Brute↗ ⇒ 10.3/1.5% Geek↗
physical/mainstream/simple-minded↗ ⇐ intellectual/weird/complex↗Essential Trait 7↗
1.1/0.0% dramatic/attractive/young↗ ⇐ comedic/ugly/old↗Essential Trait 8↗
6.5/0.6% spiritual/rural/historical↗ ⇐ skeptical/urban/modern↗Essential Trait 9↗
6.0/0.5% old/historical/low-tempo↗ ⇐ young/modern/high-tempo↗Essential Trait 10↗
feminine/luddite↗ ⇒ 1.4/0.0% masculine/technophile↗Essential Trait 11↗
14.6/2.9% secondary/street-wise↗ ⇐ primary/sheltered↗

Archetypometrics↗

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. protagonist⇒antagonist (100.0%)↗
2. loyal⇒traitorous (99.9%)↗
3. empath⇒psychopath (99.7%)↗
4. sincere⇒irreverent (99.6%)↗
5. loveable⇒punchable (99.4%)↗
6. giving⇒receiving (99.3%)↗
7. angelic⇒demonic (99.2%)↗
8. wholesome⇒salacious (99.1%)↗
9. devoted⇒unfaithful (98.7%)↗
10. equitable⇒hypocritical (98.2%)↗
11. legit⇒scrub (98.1%)↗
12. fixable⇒unfixable (98.0%)↗

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Joffrey Baratheon/Game of Thrones (96.0)
2. Palpatine/Star Wars: Revenge of the Sith (94.4)
3. Lord Voldemort/Harry Potter (94.0)
4. Rose Armitage/Get Out (93.4)
5. Hiram Lodge/Riverdale (93.2)
6. Major Arnold Toht/Raiders of the Lost Ark (92.6)
7. Hans Gruber/Die Hard (92.4)
8. Scar/The Lion King (91.8)
9. Dolores Umbridge/Harry Potter (91.2)
10. Stormfront/The Boys (90.8)
11. Hans/Frozen (90.6)
12. Baron Harkonnen/Dune (90.6)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

all stories↗

all traits↗

all archetypes↗

lumberjack ⇒ **mad-scientist**↖

Relative trait strength 74%, 146/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ **16.6/5.1%**Hero↗
weak/incompetent/lazy/stupid↗ ⇒ powerful/capable/purposeful/intelligent↗Angel↗ ⇒ **12.1/2.7%**Demon↗
safe/pure/virtuous/humble↗ ⇒ dangerous/depraved/corrupt/arrogant↗**0.4/0.0%**Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗Lone Wolf↗ ⇒ **31.3/18.0%**Diva↗
rugged/stoic/independent/blunt↗ ⇒ refined/dramatic/dependent/sensitive↗Outcast↗ ⇒ **2.8/0.1%**Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇒ fortunate/sophisticated/confident↗Brute↗ ⇒ **48.4/43.3%**Geek↗
physical/mainstream/simple-minded↗ ⇒ intellectual/weird/complex↗Essential Trait 7↗
dramatic/attractive/young↗ ⇒ **20.2/7.5%**comedic/ugly/old↗Essential Trait 8↗
spiritual/rural/historical↗ ⇒ **0.5/0.0%**skeptical/urban/modern↗Essential Trait 9↗
1.3/0.0%old/historical/low-tempo↗ ⇐ young/modern/high-tempo↗Essential Trait 10↗
2.4/0.1%feminine/hoodite↗ ⇐ masculine/technophile↗Essential Trait 11↗
1.0/0.0%secondary/street-wise↗ ⇐ primary/sheltered↗

Archetypometrics↗

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. common sense⇒**analysis** (97.9%)↗2. macho⇒**metrosexual** (93.2%)↗3. generalist⇒**specialist** (92.1%)↗4. sporty⇒**bookish** (92.1%)↗5. lowbrow⇒**highbrow** (91.6%)↗6. melee⇒**ranged** (91.5%)↗7. focused on the present⇒**focused on the future** (88.9%)↗8. right-brained⇒**left-brained** (88.4%)↗9. blue-collar⇒**ivory-tower** (88.0%)↗10. luddite⇒**technophile** (87.9%)↗11. unprepared⇒**hoarder** (87.8%)↗12. aloof⇒**obsessed** (87.4%)↗

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Dr. Horrible/Dr. Horrible's Sing-Along Blog (96.2)

2. Rick Sanchez/Rick and Morty (96.0)

3. Willy Wonka/Willy Wonka & the Chocolate Factory (95.8)

4. Doc Brown/Back to the Future (95.4)

5. Sheldon Cooper/The Big Bang Theory (95.0)

6. Dean Armitage/Get Out (94.8)

7. Hunter Aloysius Percy/The OA (93.8)

8. Prof. Farnsworth/Futurama (93.6)

9. Rowan Pope/Scandal (92.0)

10. Lord Voldemort/Harry Potter (92.0)

11. Misty/Yellowjackets (91.0)

12. Ed/Cowboy Bebop (90.8)

Based on 2000/464/341 characters/traits/stories—not in smaller data sets

all stories ✓

all traits ✓

all archetypes ✓

rational ⇒ whimsical_↔

Relative trait strength 70%, 227/464

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component / % Variance Explained

43.7/39.2% Fool_↔ Hero_↔
weak/incompetent/lazy/stupid_↔ powerful/capable/purposeful/intelligent_↔Angel_↔ ⇒ 9.2/1.7% Demon_↔
safe/pure/virtuous/humble_↔ dangerous/depraved/corrupt/arrogant_↔Traditionalist_↔ ⇒ 45.0/41.7% Adventurer_↔
serious/predictable/humorless/uncreative_↔ playful/unpredictable/funny/creative_↔Lone Wolf_↔ ⇒ 12.0/3.0% Diva_↔
rugged/stoic/independent/blunt_↔ refined/dramatic/dependent/sensitive_↔5.1/0.5% Outcast_↔ ⇒ Sophisticate_↔
unlucky/unsophisticated/traumatized_↔ fortunate/sophisticated/confident_↔Brute_↔ ⇒ 4.2/0.4% Geek_↔
physical/mainstream/simple-minded_↔ intellectual/weird/complex_↔Essential Trait 7_↔
2.8/0.2% dramatic/attractive/young_↔ comedic/ugly/old_↔Essential Trait 8_↔
12.2/3.1% spiritual/rural/historical_↔ skeptical/urban/modern_↔Essential Trait 9_↔
7.5/1.2% old/historical/low-tempo_↔ young/modern/high-tempo_↔Essential Trait 10_↔
1.5/0.0% feminine/hippy_↔ masculine/technophile_↔Essential Trait 11_↔
secondary/street-wise_↔ ⇒ 3.8/0.3% primary/sheltered_↔

Archetypometrics ✓

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. realistic ⇒ fantastical (100.0%) ✓

2. down2earth ⇒ head@clouds (99.9%) ✓

3. methodical ⇒ astonishing (99.8%) ✓

4. factual ⇒ exaggerating (99.7%) ✓

5. grounded ⇒ fantasy-prone (99.7%) ✓

6. tactful ⇒ indiscreet (99.4%) ✓

7. objective ⇒ subjective (99.4%) ✓

8. OCD ⇒ ADHD (99.4%) ✓

9. consistent ⇒ variable (99.4%) ✓

10. orderly ⇒ chaotic (99.3%) ✓

11. noble ⇒ jovial (99.3%) ✓

12. works hard ⇒ plays hard (99.2%) ✓

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Tracy Jordan/30 Rock (91.6)

2. Patrick Star/SpongeBob SquarePants (88.4)

3. Ilana Wexler/Broad City (87.0)

4. Calvin/Calvin and Hobbes (87.0)

5. Phoebe Buffay/Friends (86.0)

6. Michael Scott/The Office (86.0)

7. Jenna Maroney/30 Rock (85.2)

8. Charlie Kelly/It's Always Sunny in Philadelphia (85.0)

9. Michael Kelso/That 70's Show (82.6)

10. Lydia Bennet/Pride and Prejudice (82.4)

11. Cosmo Kramer/Seinfeld (82.4)

12. Pinkie Pie/My Little Pony: Friendship Is Magic (81.6)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90* or 1600/364/241*

all stories ✓

all traits ✓

all archetypes ✓

tattle-tale \Rightarrow f***-the-police \leftarrow

Relative trait strength 77%, 94/464

 $\uparrow \downarrow$

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool \Rightarrow 27.4/12.5% Hero \Rightarrow
weak/incompetent/lazy/stupid \Rightarrow powerful/capable/purposeful/intelligentAngel \Rightarrow 23.1/8.9% Demon \Rightarrow
safe/pure/virtuous/humble \Rightarrow dangerous/depraved/corrupt/arrogantTraditionalist \Rightarrow 43.7/31.9% Adventurer \Rightarrow
serious/predictable/humorless/uncreative \Rightarrow playful/unpredictable/funny/creative35.9/21.5% Lone Wolf \Leftarrow Diva \Leftarrow
rugged/stoic/independent/blunt \Leftarrow refined/dramatic/dependent/sensitive5.0/0.4% Outcast \Leftarrow Sophisticate \Leftarrow
unlucky/unsophisticated/traumatized \Leftarrow fortunate/sophisticated/confidentBrute \Rightarrow 11.1/2.1% Geek \Rightarrow
physical/mainstream/simple-minded \Rightarrow intellectual/weird/complexEssential Trait 7 \Leftarrow
9.3/1.4% dramatic/attractive/young \Leftarrow comedic/ugly/oldEssential Trait 8 \Leftarrow
spiritual/rural/historical \Leftarrow 6.4/0.7% skeptical/urban/modernEssential Trait 9 \Leftarrow
10.1/1.7% old/historical/low-tempo \Leftarrow young/modern/high-tempoEssential Trait 10 \Leftarrow
1.7/0.0% feminine/huddite \Leftarrow masculine/technophileEssential Trait 11 \Leftarrow
5.4/0.5% secondary/street-wise \Leftarrow primary/sheltered

Archetypometrics

Most similar traits:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. obedient \Rightarrow **rebellious** (99.1%) ✓
2. sheltered \Rightarrow **street-smart** (98.2%) ✓
3. average \Rightarrow **deviant** (98.0%) ✓
4. politically correct \Rightarrow **edgy** (97.6%) ✓
5. stereotypical \Rightarrow **boundary breaking** (97.5%) ✓
6. corporate \Rightarrow **freelance** (97.3%) ✓
7. tiresome \Rightarrow **interesting** (97.3%) ✓
8. traditional \Rightarrow **unorthodox** (96.9%) ✓
9. morning lark \Rightarrow **night owl** (96.7%) ✓
10. sheeple \Rightarrow **conspiracist** (96.5%) ✓
11. claustrophobic \Rightarrow **spelunker** (96.3%) ✓
12. mundane \Rightarrow **extraordinary** (95.4%) ✓

Characters with highest measurements:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. Steven Hyde/That 70's Show (97.8)
2. Mazikeen/Lucifer (96.2)
3. Maeve Millay/Westworld (94.4)
4. Rick Sanchez/Rick and Morty (93.6)
5. Malcolm Reynolds/Firefly + Serenity (93.6)
6. Ilana Wexler/Broad City (93.2)
7. Natalie/Yellowjackets (93.2)
8. Freddy Krueger/A Nightmare on Elm Street (93.0)
9. Kara 'Starbuck' Thrace/Battlestar Galactica (93.0)
10. Villanelle/Killing Eve (92.4)
11. Billy Butcher/The Boys (92.2)
12. Kaz Brekker/Shadow and Bone (92.0)

Based on 2000/464/341 characters/traits/stories—switch to 1600/364/241 (not in 800/235/90)

all stories[↗]all traits[↗]all archetypes[↗]

Archetype #1 of 232

Hero[↖]

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool[↗] ⇒ 100.0/100.0% Hero[↗]
weak/incompetent/lazy/stupid ⇒ powerful/capable/purposeful/intelligentAngel[↗] ⇒ 0.0/0.0% Demon[↗]
safe/pure/virtuous/humble ⇐ dangerous/depraved/corrupt/arrogantTraditionalist[↗] ⇒ 0.0/0.0% Adventurer[↗]
serious/predictable/humorless/uncreative ⇐ playful/unpredictable/funny/creativeLone Wolf[↗] ⇒ 0.0/0.0% Diva[↗]
rugged/stoic/independent/blunt ⇐ refined/dramatic/dependent/sensitiveOutcast[↗] ⇒ 0.0/0.0% Sophisticate[↗]
unlucky/unsophisticated/traumatized ⇐ fortunate/sophisticated/confidentBrute[↗] ⇒ 0.0/0.0% Geek[↗]
physical/mainstream/simple-minded ⇐ intellectual/weird/complexEssential Trait 7[↗]
dramatic/attractive/young ⇐ comedic/ugly/oldEssential Trait 8[↗]
spiritual/rural/historical ⇐ skeptical/urban/modernEssential Trait 9[↗]
old/historical/low-tempo ⇐ young/modern/high-tempoEssential Trait 10[↗]
feminine/luddite ⇐ masculine/technophileEssential Trait 11[↗]
secondary/street-wise ⇐ primary/sheltered

Traits by largest component:

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. lazy ⇒ diligent (87.7)[↗]
2. quitter ⇒ persistent (86.5)[↗]
3. unmotivated ⇒ motivated (83.6)[↗]
4. unambitious ⇒ driven (81.9)[↗]
5. incompetent ⇒ competent (80.7)[↗]
6. low IQ ⇒ high IQ (80.4)[↗]
7. absentminded ⇒ focused (77.3)[↗]
8. helpless ⇒ resourceful (76.9)[↗]
9. unobservant ⇒ perceptive (76.7)[↗]
10. slacker ⇒ workaholic (75.6)[↗]
11. disorganized ⇒ self-disciplined (74.5)[↗]
12. noob ⇒ pro (72.7)[↗]

Re-order by strongest alignment

Characters by largest component:

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. Jean-Luc Picard/Star Trek: The Next Generation (78.0)
2. William Adama/Battlestar Galactica (76.0)
3. Hermione Granger/Harry Potter (75.0)
4. Olivia Pope/Scandal (74.1)
5. Chrisjen Avasarala/The Expanse (72.8)
6. Minerva McGonagall/Harry Potter (72.1)
7. Olivia Benson/Law & Order: SVU (72.1)
8. Raymond Holt/Brooklyn Nine-Nine (71.9)
9. Miranda Bailey/Grey's Anatomy (71.6)
10. M/Tomorrow Never Dies (71.4)
11. Richard D. Winters/Band of Brothers (71.1)
12. Zoe Washburne/Firefly + Serenity (70.8)

all stories↗

all traits↗

all archetypes↗

Archetype #21 of 232

Adventurer-Demon↗

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ 0.0/0.0% Hero↗
weak/incompetent/lazy/stupid ⇐ powerful/capable/purposeful/intelligentAngel↗ ⇒ 70.7/50.0% Demon↗
safe/pure/virtuous/humble ⇒ dangerous/depraved/corrupt/arrogantTraditionalist↗ ⇒ 70.7/50.0% Adventurer↗
serious/predictable/humorless/uncreative ⇒ playful/unpredictable/funny/creativeLone Wolf↗ ⇒ 0.0/0.0% Diva↗
rugged/stoic/independent/blunt ⇐ refined/dramatic/dependent/sensitiveOutcast↗ ⇒ 0.0/0.0% Sophisticate↗
unlucky/unsophisticated/traumatized ⇐ fortunate/sophisticated/confidentBrute↗ ⇒ 0.0/0.0% Geek↗
physical/mainstream/simple-minded ⇐ intellectual/weird/complexEssential Trait 7↗
dramatic/attractive/young ⇐ comedic/ugly/oldEssential Trait 8↗
spiritual/rural/historical ⇐ skeptical/urban/modernEssential Trait 9↗
old/historical/low-tempo ⇐ young/modern/high-tempoEssential Trait 10↗
feminine/luddite ⇐ masculine/technophileEssential Trait 11↗
secondary/street-wise ⇐ primary/sheltered**Traits by largest component:**

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. well behaved ⇒ **mischievous** (72.7)↗2. tame ⇒ **wild** (69.1)↗3. obedient ⇒ **rebellious** (66.4)↗4. proper ⇒ **scandalous** (64.7)↗5. moderate ⇒ **extreme** (61.9)↗6. orderly ⇒ **chaotic** (61.5)↗7. cautious ⇒ **impulsive** (60.1)↗8. shy ⇒ **bold** (59.9)↗9. modest ⇒ **flamboyant** (58.9)↗10. timid ⇒ **cocky** (58.4)↗11. mild ⇒ **manic** (58.0)↗12. mild ⇒ **spicy** (58.0)↗

Re-order by strongest alignment

Characters by largest component:

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. Tracy Jordan/30 Rock (81.2)

2. Sterling Archer/Archer (80.8)

3. Ilana Wexler/Broad City (80.6)

4. Bender/Futurama (80.2)

5. The Joker/The Dark Knight (75.2)

6. Jack Sparrow/Pirates of the Caribbean (75.1)

7. Erlich Bachman/Silicon Valley (74.8)

8. Jenna Maroney/30 Rock (74.5)

9. Eric Cartman/South Park (74.2)

10. Bellatrix Lestrange/Harry Potter (73.6)

11. Bart Simpson/The Simpsons (73.3)

12. Ben Chang/Community (73.0)

all stories↗

all traits↗

all archetypes↗

Archetype #75 of 232

Traditionalist-Demon-Hero↔

↑ ↓

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ 57.7/33.3% Hero↗
weak/incompetent/lazy/stupid ⇒ powerful/capable/purposeful/intelligentAngel↗ ⇒ 57.7/33.3% Demon↗
safe/pure/virtuous/humble ⇒ dangerous/depraved/corrupt/arrogant57.7/33.3% Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorous/uncreative ⇐ playful/unpredictable/funny/creativeLone Wolf↗ ⇒ 0.0/0.0% Diva↗
rugged/stoic/independent/blunt ⇐ refined/dramatic/dependent/sensitiveOutcast↗ ⇒ 0.0/0.0% Sophisticate↗
unlucky/unsophisticated/traumatized ⇐ fortunate/sophisticated/confidentBrute↗ ⇒ 0.0/0.0% Geek↗
physical/mainstream/simple-minded ⇐ intellectual/weird/complexEssential Trait 7↗
dramatic/attractive/young ⇐ comedic/ugly/oldEssential Trait 8↗
spiritual/rural/historical ⇐ skeptical/urban/modernEssential Trait 9↗
old/historical/low-tempo ⇐ young/modern/high-tempoEssential Trait 10↗
feminine/luddite ⇐ masculine/technophileEssential Trait 11↗
secondary/street-wise ⇐ primary/sheltered

Archetypometrics↗

Traits by largest component:

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. hugs ⇒ **handshakes** (74.0)↗2. playful ⇒ **serious** (65.9)↗3. open ⇒ **guarded** (64.9)↗4. goofy ⇒ **unfrivolous** (64.2)↗5. lighthearted ⇒ **intense** (62.8)↗6. cheery ⇒ **grumpy** (62.7)↗7. hippie ⇒ **militaristic** (62.3)↗8. absentminded ⇒ **focused** (61.5)↗9. lenient ⇒ **strict** (61.5)↗10. easy ⇒ **uptight** (61.2)↗11. warm ⇒ **cold** (58.5)↗12. soft ⇒ **hard** (58.2)↗

Re-order by strongest alignment

Characters by largest component:

0 10 20 30 40 50 60 70 80 90 100

Normalized component

1. Nurse Ratched/One Flew Over the Cuckoo's Nest (86.5)

2. Tywin Lannister/Game of Thrones (83.5)

3. Firelord Ozai/Avatar: The Last Airbender (83.3)

4. Logan Roy/Succession (83.1)

5. Agent Smith/The Matrix (76.4)

6. Coriolanus Snow/The Hunger Games (76.1)

7. Rowan Pope/Scandal (74.7)

8. Javert/Les Misérables (74.6)

9. Red Forman/That 70's Show (74.6)

10. Inspector Kido/The Man in the High Castle (74.0)

11. Scorpius/Farscape (73.9)

12. Mr. Burns/The Simpsons (73.5)

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

Arrested Development

all stories↗

Story size rank. **Character/Relative size**

Archetype Class

1. **Lucille Bluth/93**↗

Demon↗

2. **Gob Bluth/85**↗

Fool-Adventurer-Demon↗

3. **Lindsay Bluth/83**↗

Diva-Adventurer-Demon↗

4. **Tobias Funke/80**↗

Diva-Fool-Adventurer↗

5. **Buster Bluth/80**↗

Diva-Fool-Outcast↗

6. **George Michael Bluth/79**↗

Diva-Outcast-Angel↗

7. **George Bluth, Sr./77**↗

Demon↗

8. **Maeby Funke/73**↗

Adventurer-Demon↗

9. **Michael Bluth/68**↗

Outcast-Traditionalist-Hero↗

10. **Oscar Bluth/65**↗

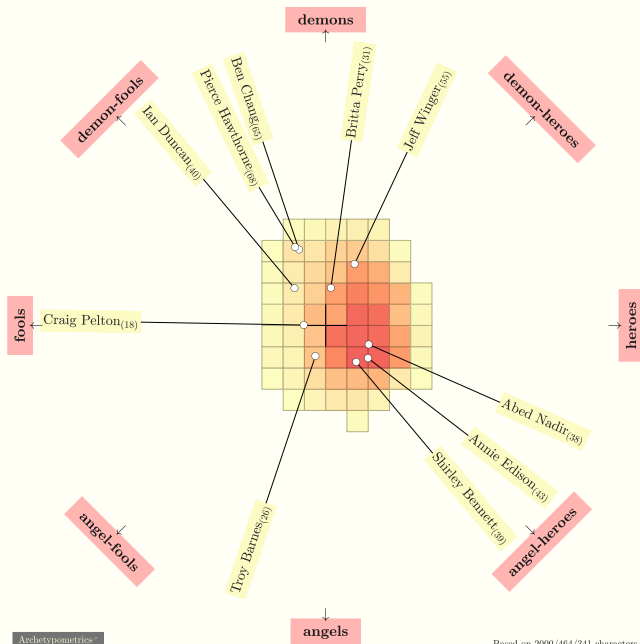
Adventurer-Demon-Fool↗

Archetypometrics↗

ousiogram planes:

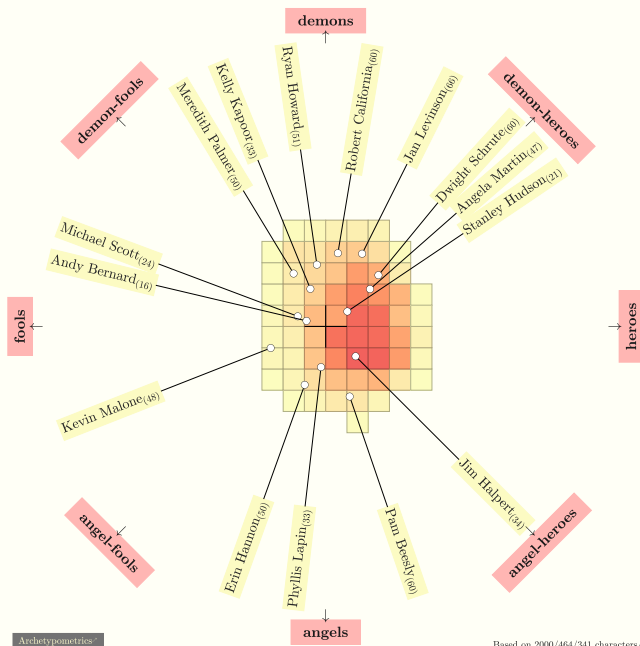
	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗



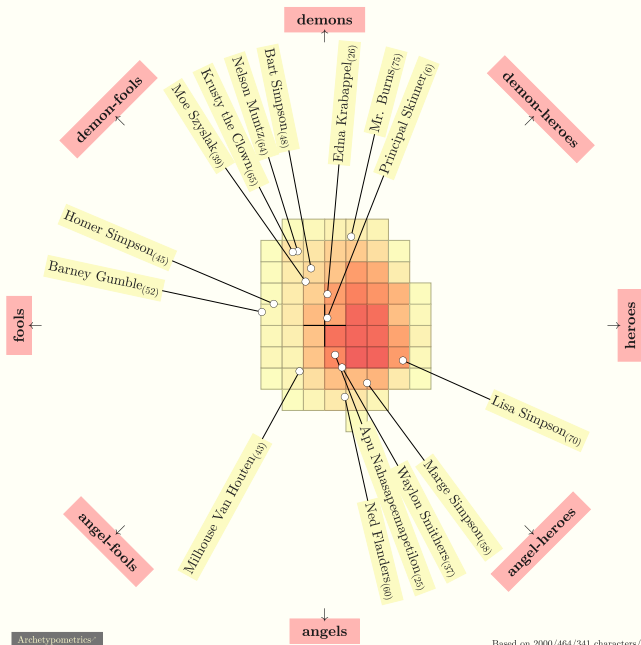
ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



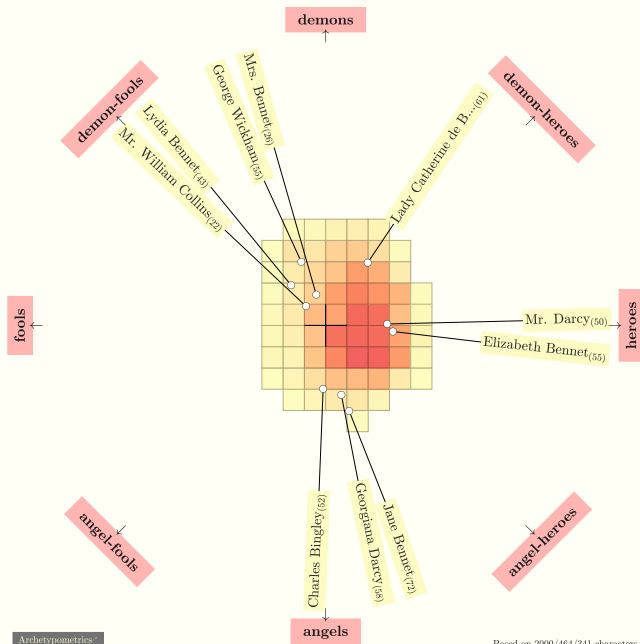
ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



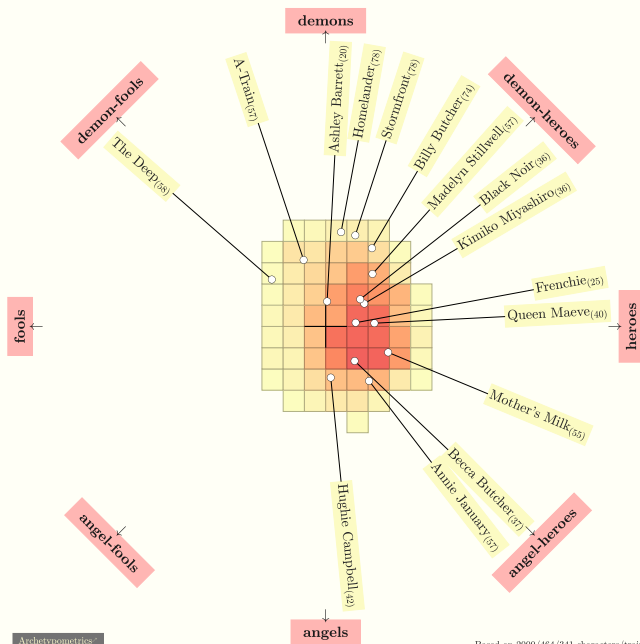
ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



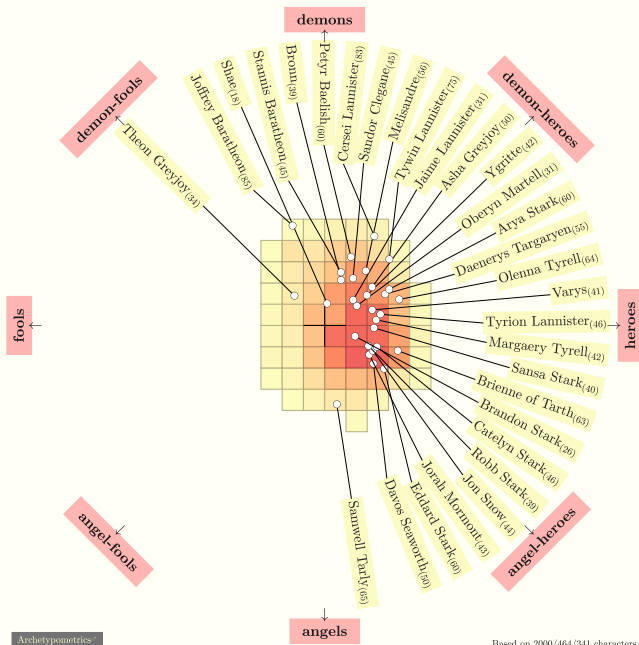
ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

all stories ✓

all traits ✓

all archetypes ✓

Buffy Summers ↗

Buffy the Vampire Slayer ↗

Relative character size 74%, 646/2000 — Archetype ratio 28.0, 43/2000



Major Archetype: 64.1/75.3% **Adventurer-Hero** ↗

100 75 50 25 0 25 50 75 100

Normalized component/% Variance Explained

Fool ↗ ⇒ 51.0/47.6% Hero ↗
weak/incompetent/lazy/stupid ⇒ powerful/capable/purposeful/intelligent ↗

Angel ↗ ⇒ 11.7/2.5% Demon ↗
safe/pure/virtuous/humble ⇒ dangerous/depraved/corrupt/arrogant ↗

Traditionalist ↗ ⇒ 39.6/28.8% Adventurer ↗
serious/predictable/humorless/uncreative ⇒ playful/unpredictable/funny/creative ↗

5.7/0.6% Lone Wolf ↗ ⇐ Diva ↗
rugged/stoic/independent/blunt ⇐ refined/dramatic/dependent/sensitive ↗

0.8/0.0% Outcast ↗ ⇐ Sophisticate ↗
unlucky/unsophisticated/traumatized ⇐ fortunate/sophisticated/confident ↗

8.4/1.3% Brute ↗ ⇐ Geek ↗
physical/mainstream/simple-minded ⇐ intellectual/weird/complex ↗

Essential Trait 7 ↗
12.1/2.7% dramatic/attractive/young ↗ ⇐ comedic/ugly/old ↗

Essential Trait 8 ↗
0.4/0.0% spiritual/rural/historical ↗ ⇐ skeptical/urban/modern ↗

Essential Trait 9 ↗
old/historical/low-tempo ↗ ⇒ 11.7/2.5% young/modern/high-tempo ↗

Essential Trait 10 ↗
2.3/0.1% feminine/huddite ↗ ⇐ masculine/technophile ↗

Essential Trait 11 ↗
secondary/street-wise ↗ ⇒ 4.8/0.4% primary/sheltered ↗

Dominant underlying traits:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. side character ⇒ **main character** (96.8) ↗

2. antagonist ⇒ **protagonist** (92.0) ↗

3. follower ⇒ **leader** (92.0) ↗

4. everyman ⇒ **chosen one** (89.0) ↗

5. weakass ⇒ **badass** (88.6) ↗

6. quitter ⇒ **persistent** (88.2) ↗

7. slothful ⇒ **active** (87.6) ↗

8. gatherer ⇒ **hunter** (86.4) ↗

9. helpless ⇒ **resourceful** (86.2) ↗

10. mundane ⇒ **extraordinary** (86.0) ↗

11. morning lark ⇒ **night owl** (85.8) ↗

12. first-mate ⇒ **captain** (85.4) ↗

Most similar characters:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. Daisy 'Skye' Johnson/Agents of S.H.I.E.L.D. (99.8%) ↗

2. Marion Ravenwood/Raiders of the Lost Ark (99.7%) ↗

3. Elizabeth Swann/Pirates of the Caribbean (99.7%) ↗

4. Emma Swan/Once Upon a Time (99.7%) ↗

5. Thea Queen/Arrow (99.6%) ↗

6. Max Mayfield/Stranger Things (99.4%) ↗

7. Bellamy Blake/The 100 (99.3%) ↗

8. Nairobi/Money Heist (99.3%) ↗

9. Tris Prior/Divergent (99.3%) ↗

10. Steven Hiller/Independence Day (99.3%) ↗

11. Johnny Castle/Dirty Dancing (99.1%) ↗

12. Princess Fiona/Shrek (99.1%) ↗

all stories ✓

all traits ✓

all archetypes ✓

Willow Rosenberg ↗**Buffy the Vampire Slayer** ↗

Relative character size 70%, 844/2000 — Archetype ratio 8.5, 990/2000

**Minor Archetype: 57.2/65.7% Geek-Hero-Angel** ↗

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool ↗ ⇒ 29.2/17.2% Hero ↗
weak/incompetent/lazy/stupid ⇒ powerful/capable/purposeful/intelligent ↗42.1/35.6% Angel ↗ ⇐ Demon ↗
safe/pure/virtuous/humble ⇐ dangerous/depraved/corrupt/arrogant ↗Traditionalist ↗ ⇒ 15.8/5.0% Adventurer ↗
serious/predictable/humorless/uncreative ⇒ playful/unpredictable/funny/creative ↗Lone Wolf ↗ ⇒ 9.3/1.8% Diva ↗
rugged/stoic/independent/blunt ⇒ refined/dramatic/dependent/sensitive ↗19.6/7.7% Outcast ↗ ⇐ Sophisticate ↗
unlucky/unsophisticated/traumatized ⇐ fortunate/sophisticated/confident ↗Brute ↗ ⇒ 27.7/15.5% Geek ↗
physical/mainstream/simple-minded ⇒ intellectual/weird/complex ↗Essential Trait 7 ✓
dramatic/attractive/young ⇒ 4.2/0.4% comedic/ugly/old ↗Essential Trait 8 ✓
5.0/0.5% spiritual/rural/historical ⇐ skeptical/urban/modern ↗Essential Trait 9 ✓
old/historical/low-tempo ⇒ 6.1/0.7% young/modern/high-tempo ↗Essential Trait 10 ✓
0.8/0.0% feminine/huddite ⇐ masculine/technophile ↗Essential Trait 11 ✓
4.4/0.4% secondary/street-wise ⇐ primary/sheltered ↗

Archetypometrics ✓

Dominant underlying traits:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. pointless ⇒ **meaningful** (93.6) ✓2. unfriendly ⇒ **friendly** (89.8) ✓3. jock ⇒ **nerd** (89.0) ✓4. sporty ⇒ **bookish** (89.0) ✓5. sexist ⇒ **feminist** (84.2) ✓6. drop out ⇒ **valedictorian** (84.2) ✓7. ignorant ⇒ **knowledgeable** (83.4) ✓8. pop ⇒ **indie** (83.0) ✓9. low IQ ⇒ **high IQ** (82.4) ✓10. lazy ⇒ **diligent** (79.8) ✓11. trash ⇒ **treasure** (78.6) ✓12. soulless ⇒ **soulful** (78.4) ✓**Most similar characters:**

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. Amy Antsler/Booksmart (99.9%) ✓

2. Rosalind Walker/Chilling Adventures of Sabrina (99.9%) ✓

3. Oliver Hampton/How To Get Away With Murder (99.7%) ✓

4. Daniel Jackson/Stargate SG-1 (99.7%) ✓

5. Ariadne/Inception (99.5%) ✓

6. Cameron James/10 Things I Hate About You (99.4%) ✓

7. Felicity Smoak/Arrow (99.3%) ✓

8. Leo Fitz/Agents of S.H.I.E.L.D. (99.3%) ✓

9. Lane Kim/Gilmore Girls (99.2%) ✓

10. Molly Hooper/Sherlock (99.2%) ✓

11. Aram Mojtabai/The Blacklist (99.2%) ✓

12. Jeremy Chetri/Wynonna Earp (99.0%) ✓

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 ✓ or 1600/364/241 ✓

all stories^

all traits^

all archetypes^

Sherlock Holmes^

Sherlock^

Relative character size 84%, 170/2000 — Archetype ratio 13.7, 366/2000

Major Archetype: 73.1/75.1% **Geek-Demon-Hero^**

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool^ ⇒ 49.5/34.5% Hero^
weak/incompetent/lazy/stupid^ ⇒ powerful/capable/purposeful/intelligent^Angel^ ⇒ 45.9/29.6% Demon^
safe/pure/virtuous/humble^ ⇒ dangerous/depraved/corrupt/arrogant^Traditionalist^ ⇒ 5.4/0.4% Adventurer^
serious/predictable/humorless/uncreative^ ⇒ playful/unpredictable/funny/creative^2.7/0.1% Lone Wolf^ ⇐ Diva^
rugged/stoic/independent/blunt^ ⇐ refined/dramatic/dependent/sensitive^6.7/0.6% Outcast^ ⇐ Sophisticate^
unlucky/unsophisticated/traumatized^ ⇐ fortunate/sophisticated/confident^Brute^ ⇒ 31.2/13.7% Geek^
physical/mainstream/simple-minded^ ⇒ intellectual/weird/complex^Essential Trait 7^
dramatic/attractive/young^ ⇒ 10.0/1.4% comedic/ugly/old^Essential Trait 8^
spiritual/rural/historical^ ⇒ 7.1/0.7% skeptical/urban/modern^Essential Trait 9^
old/historical/low-tempo^ ⇒ 2.9/0.1% young/modern/high-tempo^Essential Trait 10^
feminine/luddite^ ⇒ 1.7/0.0% masculine/technophile^Essential Trait 11^
secondary/street-wise^ ⇒ 19.8/5.5% primary/sheltered^

Archetypometrics^

Dominant underlying traits:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. low IQ⇒high IQ (93.6)^

2. small-vocabulary⇒big-vocabulary (90.2)^

3. spiritual⇒skeptical (89.2)^

4. dunce⇒genius (89.0)^

5. accommodating⇒stubborn (88.2)^

6. side character⇒main character (88.2)^

7. common sense⇒analysis (88.2)^

8. social climber⇒nonconformist (88.0)^

9. unobservant⇒perceptive (87.8)^

10. feeler⇒thinker (87.6)^

11. people-person⇒things-person (87.4)^

12. mundane⇒extraordinary (87.2)^

Most similar characters:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. Sherlock Holmes/Elementary (100.0%)^

2. Dr. Gregory House/House, M.D. (99.4%)^

3. Beth Harmon/The Queen's Gambit (98.5%)^

4. Dr. Harry Wells/The Flash (97.6%)^

5. Kaz Brekker/Shadow and Bone (96.7%)^

6. Mr. Robot/Mr. Robot (96.1%)^

7. Walter White/Breaking Bad (95.4%)^

8. Rust Cohle/True Detective (95.3%)^

9. Annalise Keating/How To Get Away With Murder (94.9%)^

10. Cristina Yang/Grey's Anatomy (94.6%)^

11. Perry Cox/Scrubs (94.5%)^

12. Magneto/X-Men (94.4%)^

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90^ or 1600/364/241^

all stories↗

all traits↗

all archetypes↗

Dr. John Watson↗

Sherlock↗

Relative character size 63%, 1306/2000 — Archetype ratio 18.0, 149/2000

↑ ↓

↑ ↓

Major Archetype: 55.1/77.1% **Outcast-Hero-Angel**↗

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ 35.4/31.8% Hero↗
weak/incompetent/lazy/stupid↗ ⇒ powerful/capable/purposeful/intelligent↗35.6/32.2% Angel↗ ⇐ Demon↗
safe/pure/virtuous/humble↗ ⇐ dangerous/depraved/corrupt/arrogant↗13.0/4.3% Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗Lone Wolf↗ ⇒ 3.0/0.2% Diva↗
rugged/stoic/independent/blunt↗ ⇒ refined/dramatic/dependent/sensitive↗24.4/15.2% Outcast↗ ⇐ Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇐ fortunate/sophisticated/confident↗10.2/2.6% Brute↗ ⇐ Geek↗
physical/mainstream/simple-minded↗ ⇐ intellectual/weird/complex↗Essential Trait 7↗
2.7/0.2% dramatic/attractive/young↗ ⇐ comedic/ugly/old↗Essential Trait 8↗
spiritual/rural/historical↗ ⇒ 5.8/0.9% skeptical/urban/modern↗Essential Trait 9↗
1.4/0.0% old/historical/low-tempo↗ ⇐ young/modern/high-tempo↗Essential Trait 10↗
1.3/0.0% feminine/huddite↗ ⇐ masculine/technophile↗Essential Trait 11↗
2.5/0.2% secondary/street-wise↗ ⇐ primary/sheltered↗

Archetypometrics↗

Dominant underlying traits:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. traitorous⇒loyal (87.4)↗

2. gross⇒hygienic (86.0)↗

3. bad-manners⇒good-manners (81.0)↗

4. villainous⇒heroic (77.6)↗

5. junkie⇒straight edge (75.4)↗

6. German⇒English (75.2)↗

7. unfaithful⇒devoted (74.2)↗

8. fake⇒real (74.0)↗

9. inappropriate⇒seemly (72.6)↗

10. lazy⇒diligent (72.0)↗

11. cruel⇒kind (72.0)↗

12. trash⇒treasure (70.2)↗

Most similar characters:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. James Gordon/The Dark Knight (100.0%)↗

2. Sam Baldwin/Sleepless in Seattle (100.0%)↗

3. Dr. James Wilson/House, M.D. (99.9%)↗

4. D.I. Greg Lestrade/Sherlock (99.9%)↗

5. Davos Seaworth/Game of Thrones (99.9%)↗

6. Sam Winchester/Supernatural (99.9%)↗

7. Beadie Russell/The Wire (99.9%)↗

8. Kyle Brofloviski/South Park (99.9%)↗

9. Ann Perkins/Parks and Recreation (99.9%)↗

10. Timothy McGee/NCIS (99.9%)↗

11. Pope/Outer Banks (99.8%)↗

12. Jorah Mormont/Game of Thrones (99.8%)↗

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗

all stories↗

all traits↗

all archetypes↗

Sheldon Cooper↗

The Big Bang Theory↗

Relative character size 90%, 52/2000 — Archetype ratio 3.8, 1874/2000

↑

↓

↑

↓

Weak Archetype: 59.1/43.3% **Diva-Traditionalist-Hero**↗

100 75 50 25 0 25 50 75 100

Normalized component/%Variance Explained

Fool↗ ⇒ 43.9/23.9% Hero↗
weak/incompetent/lazy/stupid↗ ⇒ powerful/capable/purposeful/intelligent↗Angel↗ ⇒ 22.6/6.3% Demon↗
safe/pure/virtuous/humble↗ ⇒ dangerous/depraved/corrupt/arrogant↗33.2/13.7% Traditionalist↗ ⇐ Adventurer↗
serious/predictable/humorless/uncreative↗ ⇐ playful/unpredictable/funny/creative↗Lone Wolf↗ ⇒ 25.3/7.9% Diva↗
rugged/stoic/independent/blunt↗ ⇒ refined/dramatic/dependent/sensitive↗16.1/3.2% Outcast↗ ⇐ Sophisticate↗
unlucky/unsophisticated/traumatized↗ ⇐ fortunate/sophisticated/confident↗Brute↗ ⇒ 16.8/3.5% Geek↗
physical/mainstream/simple-minded↗ ⇒ intellectual/weird/complex↗Essential Trait 7↗
dramatic/attractive/young↗ ⇒ 30.1/11.3% comedic/ugly/old↗Essential Trait 8↗
spiritual/rural/historical↗ ⇒ 0.6/0.0% skeptical/urban/modern↗Essential Trait 9↗
old/historical/low-tempo↗ ⇒ 15.7/3.1% young/modern/high-tempo↗Essential Trait 10↗
0.8/0.0% feminine/hoodite↗ ⇐ masculine/technophile↗Essential Trait 11↗
secondary/street-wise↗ ⇒ 26.8/8.9% primary/sheltered↗

Archetypometrics↗

Dominant underlying traits:

0 10 20 30 40 50 60 70 80 90 100

Measured semantic differential balance

1. sporty⇒bookish (97.8)↗

2. artistic⇒scientific (97.6)↗

3. outdoorsy⇒indoorsy (97.0)↗

4. feeler⇒thinker (96.8)↗

5. gross⇒hygienic (96.4)↗

6. small-vocabulary⇒big-vocabulary (96.2)↗

7. lumberjack⇒mad-scientist (95.0)↗

8. people-person⇒things-person (94.2)↗

9. physical⇒intellectual (93.8)↗

10. jock⇒nerd (93.0)↗

11. low IQ⇒high IQ (93.0)↗

12. spiritual⇒skeptical (92.8)↗

Most similar characters:

0 10 20 30 40 50 60 70 80 90 100

Similarity percentile

1. Paris Geller/Gilmore Girls (93.3%)↗

2. Mycroft Holmes/Sherlock (93.1%)↗

3. Alex Dunphy/Modern Family (92.4%)↗

4. Temperance Brennan/Bones (89.7%)↗

5. Abe Weissman/The Marvelous Mrs. Maisel (88.9%)↗

6. Peter Gregory/Silicon Valley (87.8%)↗

7. Molly Davidson/Booksmart (87.5%)↗

8. Carlton Lassiter/Psych (87.3%)↗

9. Kerry Weaver/ER (87.0%)↗

10. Dr. Shaun Murphy/The Good Doctor (85.7%)↗


11. Preston Burke/Grey's Anatomy (85.6%)↗


12. Mark Zuckerberg/The Social Network (85.3%)↗

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90↗ or 1600/364/241↗


Correlations:


Standard correlation coefficients:¹


 Merry Brandybuck[^] versus Pippin Took[^] $r=+0.94$

 Buffy[^] versus Willow[^]: $r=+0.26$

 John Watson[^] versus Sherlock Holmes[^]: $r=-0.04$

 Joffrey Baratheon[^] versus Sam Obisanya[^]: $r=-0.71$

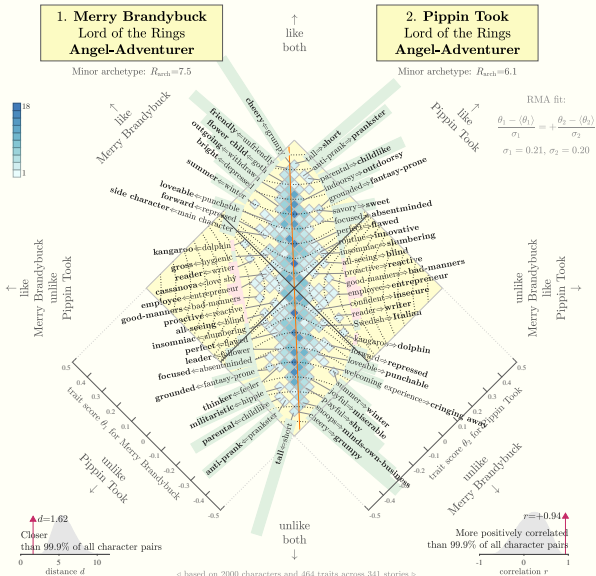
 Jane Bennet[^]: versus Sid Phillips[^] $r=-0.81$

 Bean[^] versus James Hurley[^]: $r=+0.00$

Let's make correlation coefficients a little more fun ...

¹End the naming of scientific things after people

The closest and most correlated pair of characters:

Standard correlation r

Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

1. tall⇒short
2. grumpy⇒cheery
3. unfriendly⇒friendly
4. unenthusiastic about food⇒foodie
5. uptight⇒easy
6. clinical⇒heartfelt
7. cruel⇒kind
8. minds-own-business⇒snoops
9. angry⇒good-humored
10. flat⇒bubbly
11. anti-prank⇒prankster
12. lifeless⇒spirited
13. traitorous⇒loyal
14. parental⇒childlike
15. city-slicker⇒country-bumpkin
16. goth⇒flower child
17. reserved⇒chatty
18. cold⇒warm
19. humorless⇒funny
20. apathetic⇒curious
21. soulless⇒soulful
22. presidential⇒folksy
23. stoic⇒expressive
24. villainous⇒heroic
25. shy⇒playful
26. serious⇒playful
27. militaristic⇒hippie
28. old⇒young
29. geriatric⇒vibrant
30. scheduled⇒spontaneous
31. urban⇒rural
32. resentful⇒euphoric
33. sorrowful⇒cheery
34. unmeddlesome⇒prying
35. strict⇒lenient
36. monotone⇒expressive
37. master⇒apprentice
38. harsh⇒gentle
39. withdrawn⇒outgoing
40. unemotional⇒emotional

RMA fit:

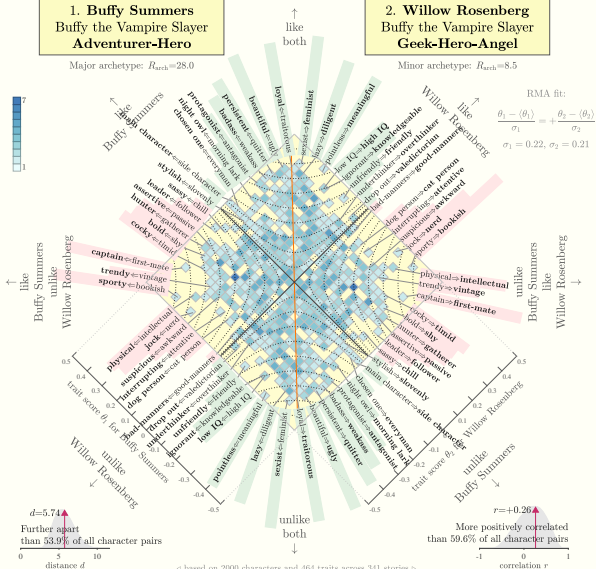
$$\frac{\theta_1 - \langle \theta_1 \rangle}{\sigma_1} = + \frac{\theta_2 - \langle \theta_2 \rangle}{\sigma_2}$$

$$\sigma_1 = 0.21, \sigma_2 = 0.20$$

$$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)(\theta_2 - \langle \theta_2 \rangle)}{\sigma_1 \sigma_2} \right\rangle = +0.94$$

Buffy and Willow:

1. **Buffy Summers**
Buffy the Vampire Slayer
Adventurer-Hero

Major archetype: $R_{\text{arch}}=28.0$ Standard correlation r

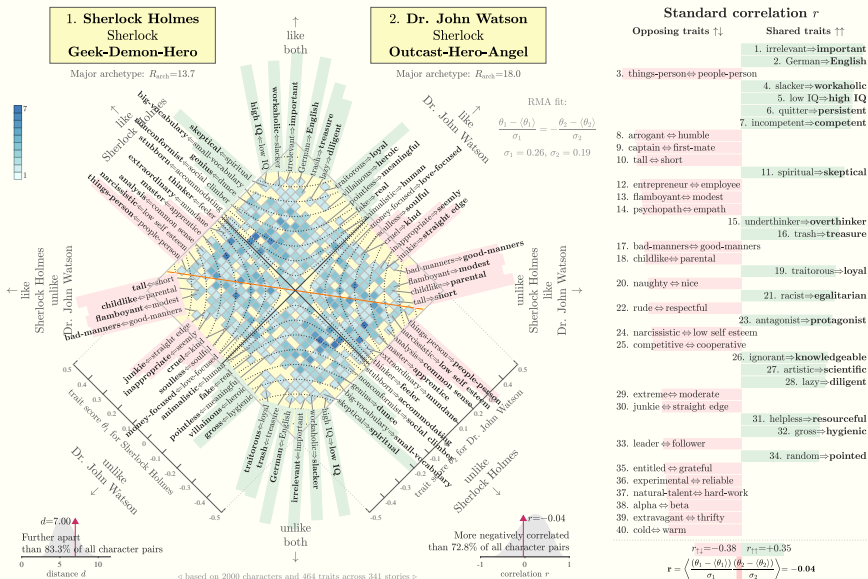
Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

- | | |
|--------------------------------|--|
| | 1. sexist⇒feminist |
| 2. sporty ⇔ bookish | |
| | 3. traitorous⇒loyal |
| | 4. unmotivated⇒motivated |
| | 5. ugly⇒beautiful |
| 6. captain ⇔ first-mate | |
| | 7. mundane⇒extraordinary |
| | 8. repulsive⇒attractive |
| | 9. lazy⇒diligent |
| | 10. helpless⇒resourceful |
| | 11. fake⇒real |
| | 12. soulless⇒soulful |
| | 13. trash⇒treasure |
| | 14. incompetent⇒competent |
| | 15. pointless⇒meaningful |
| | 16. quitter⇒persistent |
| | 17. racist⇒egalitarian |
| | 18. gross⇒hygienic |
| | 19. money-focused⇒love-focused |
| | 20. irrelevant⇒important |
| | 21. underachiever⇒overachiever |
| | 22. unambitious⇒driven |
| | 23. villainous⇒heroic |
| | 24. slacker⇒workaholic |
| 25. physical⇔intellectual | |
| | 26. weakass⇒badass |
| | 27. lifeless⇒spirited |
| 28. jock⇔nerd | |
| | 29. flat⇒bubbly |
| 30. lumberjack ⇔ mad-scientist | |
| | 31. apathetic⇒curious |
| | 32. unfaithful⇒devoted |
| | 33. corporate⇒freelance |
| | 34. uncreative⇒open to new experiences |
| | 35. old⇒young |
| | 36. antagonist⇒protagonist |
| | 37. scrub⇒legit |
| | 38. inappropiate⇒seemly |
| | 39. dispassionate⇒romantic |
| | 40. stinky⇒fresh |

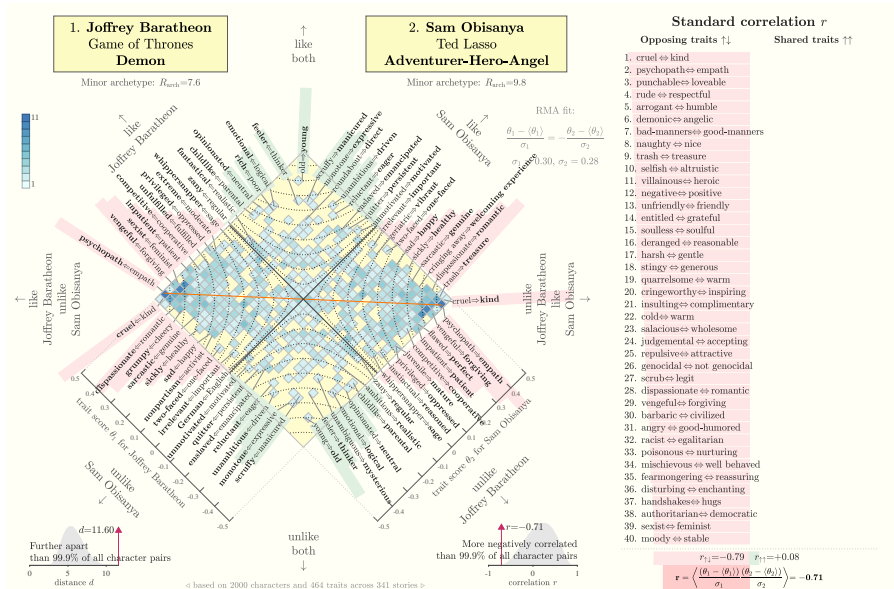
$$\mathbf{r} = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)(\theta_2 - \langle \theta_2 \rangle)}{\sigma_1 \sigma_2} \right\rangle = +0.26$$

Sherlock and Watson:

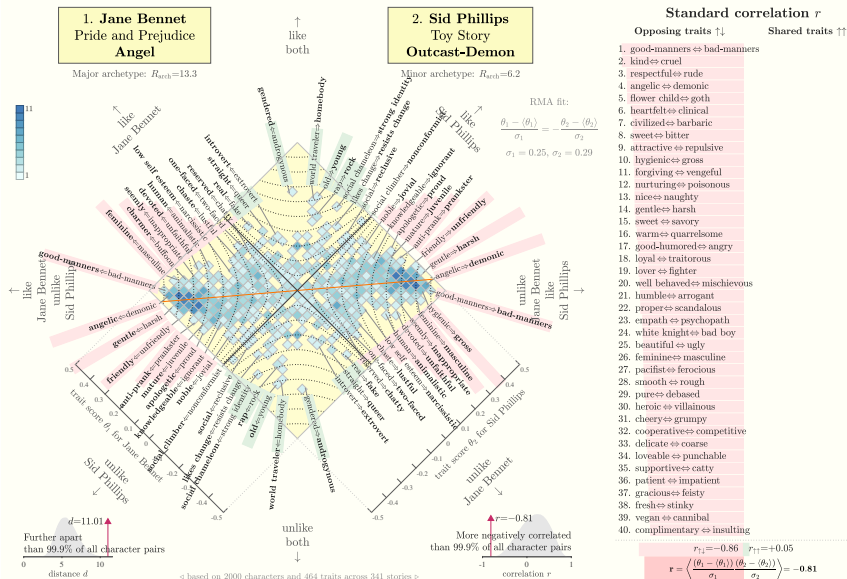


- ### Standard correlation r
- Opposing traits ↓ Shared traits ↑↑
1. irrelevant⇒important
 2. German⇒English
 3. things-person⇔people-person
 4. slacker⇒workaholic
 5. low IQ⇒high IQ
 6. quitter⇒persistent
 7. incompetent⇒competent
 8. arrogant⇔humble
 9. captain⇔first-mate
 10. tall⇔short
 11. spiritual⇒skeptical
 12. entrepreneur⇔employee
 13. flamboyant⇔modest
 14. psychopath⇔empath
 15. underthinker⇒overthinker
 16. trash⇒treasure
 17. bad-manners⇒good-manners
 18. childlike⇔parental
 19. traitorous⇒loyal
 20. naughty⇔nice
 21. racist⇒egalitarian
 22. rude⇔respectful
 23. antagonist⇒protagonist
 24. narcissistic⇔low self esteem
 25. competitive⇔cooperative
 26. ignorant⇒knowledgeable
 27. artistic⇒scientific
 28. lazy⇒diligent
 29. extreme⇔moderate
 30. junkie⇔straight edge
 31. helpless⇒resourceful
 32. gross⇒hygienic
 33. leader⇔follower
 34. random⇒pointed
- $r_{11} = -0.38$ $r_{11} = +0.35$
 $r = \left(\frac{\theta_1 - \langle \theta_1 \rangle}{\sigma_1} \frac{\theta_2 - \langle \theta_2 \rangle}{\sigma_2} \right) = -0.04$

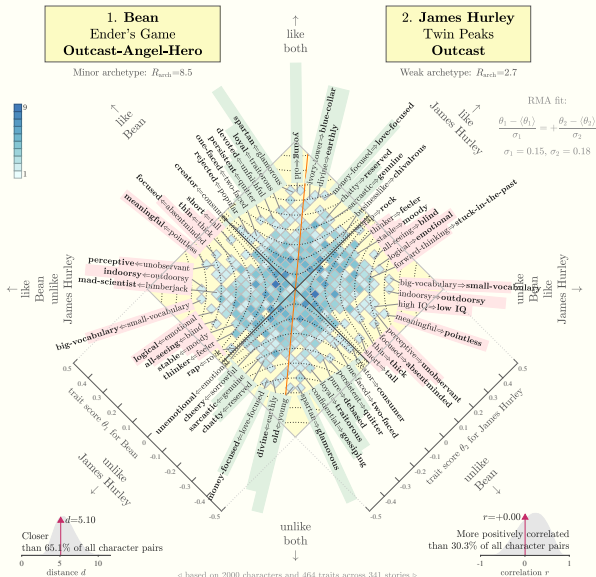
The two characters furthest apart:



The most anti-correlated characters:



The most uncorrelated pair of characters:

Standard correlation r

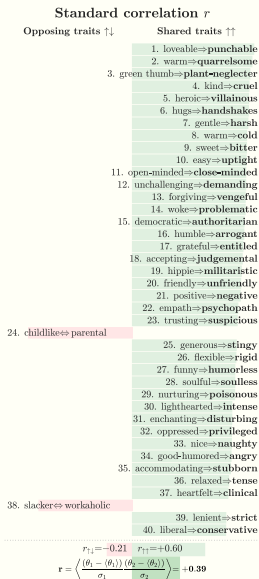
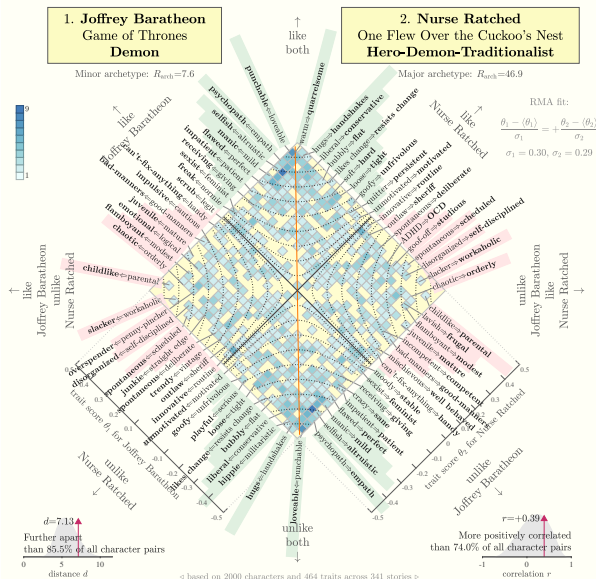
Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

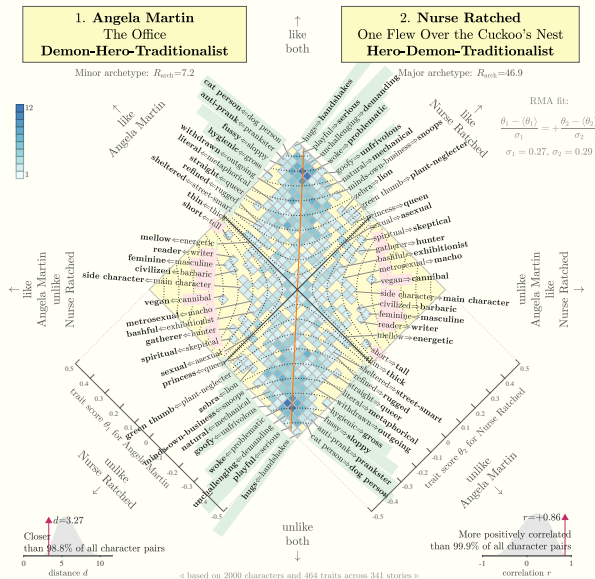
- | | |
|--|--|
| | 1. old⇒ young |
| | 2. glamorous⇒ spartan |
| 3. big-vocabulary⇔small-vocabulary | |
| | 4. rich⇒ poor |
| 5. indoors⇔outdoorsy | |
| | 6. serial dater⇒ chronically single |
| | 7. ivory-tower⇒ blue-collar |
| | 8. divine⇒ earthly |
| 9. meaningful⇔pointless | |
| | 10. money-focused⇒ love-focused |
| | 11. lawyerly⇒ engineering |
| | 12. gossiping⇒ confidential |
| | 13. cosmopolitan⇒ provincial |
| 14. logical⇔emotional | |
| | 15. traitorous⇒ loyal |
| | 16. chic⇒ cheesy |
| 17. mad-scientist⇔lumberjack | |
| | 18. parental⇒ childlike |
| 19. perceptive ⇔ unobservant | |
| 20. high IQ ⇔ low IQ | |
| 21. high-tech ⇔ low-tech | |
| | 22. genocidal⇒ not genocidal |
| 23. knowledgeable ⇔ ignorant | |
| 24. self-improving⇔self-destructive | |
| | 25. clinical⇒ heartfelt |
| | 26. captain⇒ first-mate |
| 27. valedictorian ⇔ drop out | |
| 28. forward-thinking⇔stuck-in-the-past | |
| 29. focused ⇔ absentminded | |
| 30. all-seeing ⇔ blind | |
| 31. genius⇔dunce | |
| 32. welcoming experience⇔cringing away | |
| 33. physicist⇔photographer | |
| 34. forward ⇔ repressed | |
| | 35. cruel⇒ kind |
| | 36. lion⇒ zebra |
| 37. technophile⇔luddite | |
| | 38. corporate⇒ freelance |
| | 39. unfaithful⇒ devoted |
| | 40. celebrity⇒ boy/girl-next-door |

$$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)}{\sigma_1} \frac{(\theta_2 - \langle \theta_2 \rangle)}{\sigma_2} \right\rangle = +0.00$$

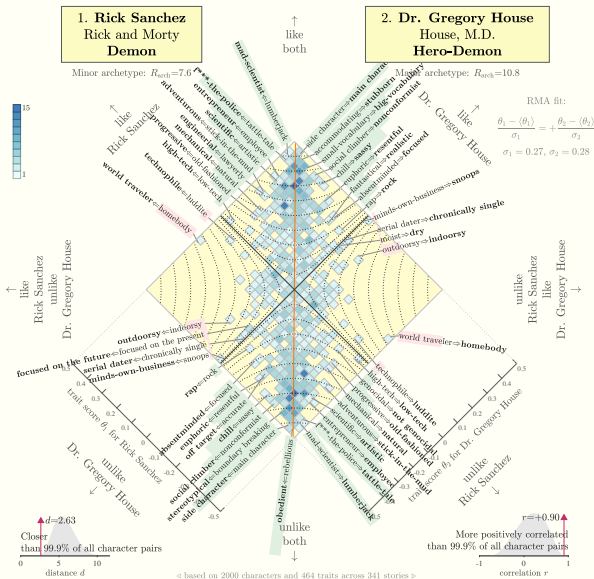
Two different demons:



Two similar demons:



Two similar demons:

Standard correlation r

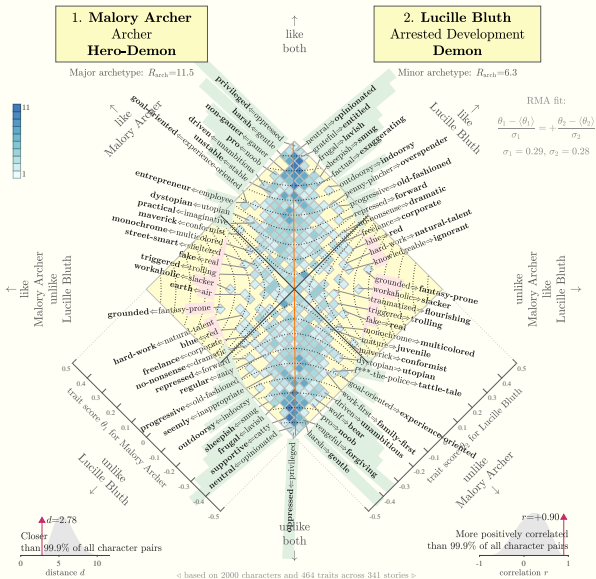
Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

1. obedient⇒**rebellious**
2. follower⇒**leader**
3. low IQ⇒**high IQ**
4. side character⇒**main character**
5. lumberjack⇒**mad scientist**
6. apprentice⇒**master**
7. shy⇒**bold**
8. social chameleon⇒**strong identity**
9. traditional⇒**unorthodox**
10. accommodating⇒**stubborn**
11. tattle-tale⇒**f***the police**
12. timid⇒**cocky**
13. stable⇒**unstable**
14. routine⇒**innovative**
15. delicate⇒**coarse**
16. neutral⇒**opinionated**
17. dunce⇒**genius**
18. noob⇒**pro**
19. submissive⇒**dominant**
20. theist⇒**atheist**
21. gullible⇒**cynical**
22. believing⇒**questioning**
23. physical⇒**intellectual**
24. well behaved⇒**mischievous**
25. people-person⇒**things-person**
26. cheery⇒**grumpy**
27. moderate⇒**extreme**
28. good-manners⇒**bad-manners**
29. genuine⇒**sarcastic**
30. stereotypical⇒**boundary breaking**
31. tame⇒**wild**
32. gentle⇒**harsh**
33. friendly⇒**unfriendly**
34. simple⇒**complicated**
35. innocent⇒**jaded**
36. small-vocabulary⇒**big-vocabulary**
37. apologetic⇒**proud**
38. first-mate⇒**captain**
39. innocent⇒**worldly**
40. beta⇒**alpha**

$$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)(\theta_2 - \langle \theta_2 \rangle)}{\sigma_1 \sigma_2} \right\rangle = +0.90$$

Two very similar characters, same actor

Standard correlation r

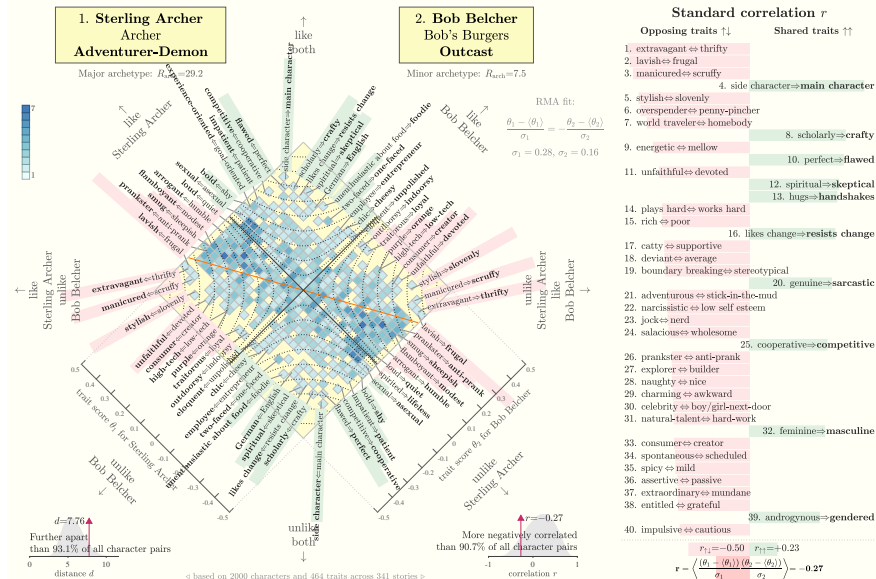
Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

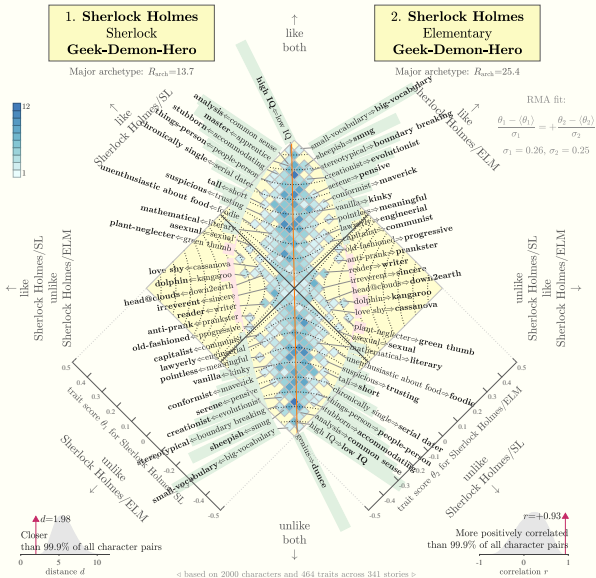
1. oppressed⇒**privileged**
2. neutral⇒**opinionated**
3. communist⇒**capitalist**
4. people-person⇒**things-person**
5. unchallenging⇒**demanding**
6. meek⇒**bossy**
7. low self esteem⇒**narcissistic**
8. warm⇒**cold**
9. scruffy⇒**manicured**
10. shy⇒**bold**
11. thrifty⇒**extravagant**
12. blue-collar⇒**ivory-tower**
13. accommodating⇒**stubborn**
14. beta⇒**alpha**
15. grateful⇒**entitled**
16. accepting⇒**judgemental**
17. love-focused⇒**money-focused**
18. gentle⇒**harsh**
19. forgiving⇒**vengeful**
20. humble⇒**arrogant**
21. giving⇒**receiving**
22. genuine⇒**sarcastic**
23. altruistic⇒**selfish**
24. patient⇒**impatient**
25. apologetic⇒**proud**
26. timid⇒**cocky**
27. unassuming⇒**pretentious**
28. sober⇒**indulgent**
29. supportive⇒**catty**
30. heartfelt⇒**clinical**
31. poor⇒**rich**
32. submissive⇒**dominant**
33. demure⇒**vain**
34. warm⇒**quarrelsome**
35. complimentary⇒**insulting**
36. empath⇒**psychopath**
37. likes change⇒**resists change**
38. nurturing⇒**poisonous**
39. sincere⇒**irreverent**
40. minds-own-business⇒**snoops**

$$\mathbf{r} = \left\langle \frac{r_{\uparrow\downarrow} = -0.01}{\sigma_1} \frac{r_{\uparrow\uparrow} = +0.91}{\sigma_2} \right\rangle = +0.90$$

Two very different characters, same actor



The same character realized in different tellings:

Standard correlation r

Opposing traits $\uparrow\downarrow$

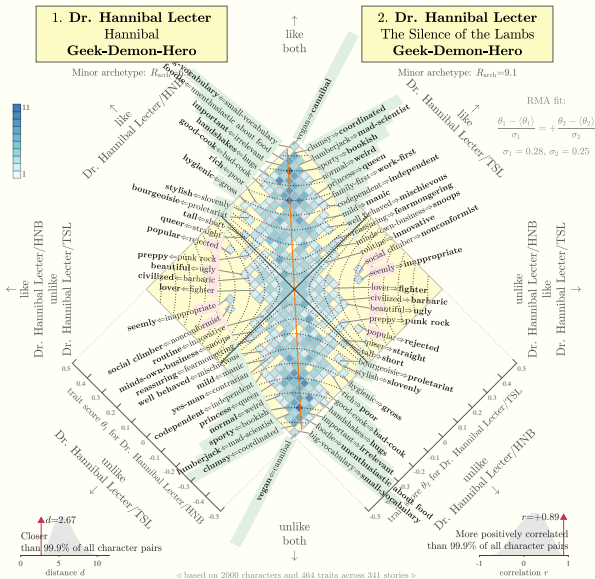
Shared traits ↑↑

1. small-vocabulary \Rightarrow **big-vocabulary**
2. low IQ \Rightarrow **high IQ**
3. unobservant \Rightarrow **perceptive**
4. dunce \Rightarrow **genius**
5. spiritual \Rightarrow **skeptical**
6. side character \Rightarrow **main character**
7. feeler \Rightarrow **thinker**
8. social climber \Rightarrow **nonconformist**
9. hugs \Rightarrow **handshakes**
10. quitter \Rightarrow **persistent**
11. mundane \Rightarrow **extraordinary**
12. common sense \Rightarrow **analysis**
13. obedient \Rightarrow **rebellious**
14. lumberjack \Rightarrow **mad-scientist**
15. unmeddlesome \Rightarrow **prying**
16. underthinker \Rightarrow **overthinker**
17. emotional \Rightarrow **logical**
18. apprentice \Rightarrow **master**
19. sheepish \Rightarrow **smug**
20. physical \Rightarrow **intellectual**
21. slumbering \Rightarrow **insomniac**
22. simple \Rightarrow **complicated**
23. corporate \Rightarrow **freelance**
24. employee \Rightarrow **entrepreneur**
25. slow \Rightarrow **fast**
26. incompetent \Rightarrow **competent**
27. humble \Rightarrow **arrogant**
28. irrelevant \Rightarrow **important**
29. noob \Rightarrow **pro**
30. gullible \Rightarrow **cynical**
31. theist \Rightarrow **atheist**
32. Constant PDA \Rightarrow **Hates PDA**
33. normal \Rightarrow **weird**
34. follower \Rightarrow **leader**
35. traditional \Rightarrow **unorthodox**
36. slow-talking \Rightarrow **fast-talking**
37. unchallenging \Rightarrow **demanding**
38. stereotypical \Rightarrow **boundary breaking**
39. believing \Rightarrow **questioning**
40. yes-man \Rightarrow **contrarian**

$$r = \left\langle \frac{r_{\downarrow\downarrow} = -0.01}{\sigma_1} \frac{r_{\uparrow\uparrow} = +0.94}{\sigma_2} \right\rangle = +0.93$$

< based on 2000 characters and 464 traits across 341 stories >

The same character realized in different tellings:

Standard correlation r

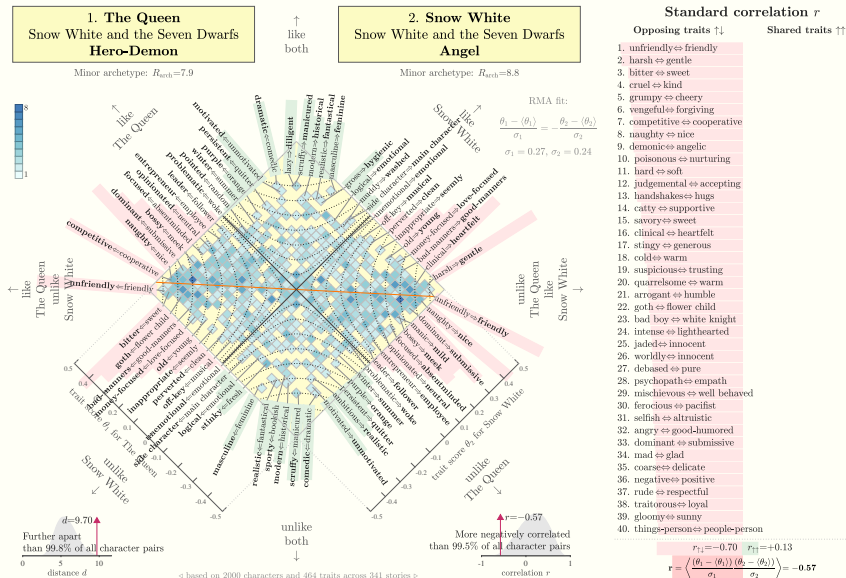
Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

1. vegan⇒**cannibal**
2. small-vocabulary⇒**big-vocabulary**
3. clumsy⇒**coordinated**
4. unobservant⇒**perceptive**
5. low IQ⇒**high IQ**
6. absentminded⇒**focused**
7. zebra⇒**lion**
8. apprentice⇒**master**
9. quitter⇒**persistent**
10. noob⇒**pro**
11. unenthusiastic about food⇒**foodie**
12. dunce⇒**genius**
13. follower⇒**leader**
14. goof-off⇒**studious**
15. lazy⇒**diligent**
16. submissive⇒**dominant**
17. employee⇒**entrepreneur**
18. often crying⇒**never cries**
19. disorganized⇒**self-disciplined**
20. ignorant⇒**knowledgeable**
21. lumberjack⇒**mad-scientist**
22. empathy⇒**psychopath**
23. average⇒**deviant**
24. helpless⇒**resourceful**
25. irrelevant⇒**important**
26. tiresome⇒**interesting**
27. lighthearted⇒**intense**
28. insecure⇒**confident**
29. hesitant⇒**decisive**
30. vanilla⇒**kinky**
31. stuttering⇒**rhythmic**
32. simple⇒**complicated**
33. normie⇒**freak**
34. underachiever⇒**overachiever**
35. unpolished⇒**eloquent**
36. buffoon⇒**charmer**
37. gullible⇒**cynical**
38. beta⇒**alpha**
39. angelic⇒**demonic**
40. tardy⇒**on-time**

$$r = \left\langle \frac{r_{\uparrow\downarrow} = -0.02}{\sigma_1} \frac{r_{\uparrow\uparrow} = +0.91}{\sigma_2} \right\rangle = +0.89$$

Chalk and cheese main characters:



"Nooooooooooooooooooooooooooooo"

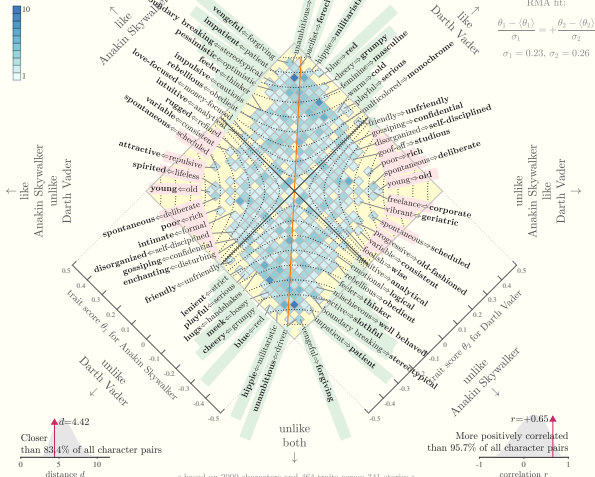


1. Anakin Skywalker Star Wars: Revenge of the Sith Outcast-Adventurer-Demon

Minor archetype: $R_{arch}=6.5$

2. Darth Vader Star Wars: A New Hope Hero-Demon

Major archetype: $R_{arch}=13.4$



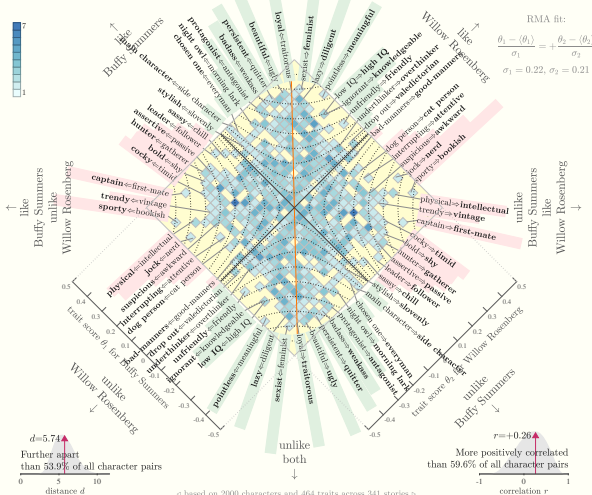
Standard correlation r

Opposing traits $\uparrow \downarrow$

Shared traits $\uparrow \uparrow$

1. forgiving \Rightarrow vengeful
2. unambitious \Rightarrow driven
3. cooperative \Rightarrow competitive
4. pacifist \Rightarrow ferocious
5. hippie \Rightarrow militaristic
6. accommodating \Rightarrow stubborn
7. blissful \Rightarrow haunted
8. moderate \Rightarrow extreme
9. irrelevant \Rightarrow important
10. democratic \Rightarrow authoritarian
11. social chameleon \Rightarrow strong identity
12. cheery \Rightarrow sorrowful
13. open \Rightarrow guarded
14. shy \Rightarrow bold
15. water \Rightarrow fire
16. joyful \Rightarrow miserable
17. unchallenging \Rightarrow demanding
18. patient \Rightarrow impatient
19. sunny \Rightarrow gloomy
20. flower child \Rightarrow goth
21. glad \Rightarrow mad
22. comedy \Rightarrow dramatic
23. flourishing \Rightarrow traumatized
24. happy \Rightarrow sad
25. slumbering \Rightarrow insomniac
26. blue \Rightarrow red
27. humble \Rightarrow arrogant
28. gatherer \Rightarrow hunter
29. lighthearted \Rightarrow intense
30. average \Rightarrow deviant
31. sweet \Rightarrow bitter
32. stable \Rightarrow moody
33. stable \Rightarrow unstable
34. not genocidal \Rightarrow genocidal
35. grateful \Rightarrow entitled
36. warm \Rightarrow quarrelsome
37. innocent \Rightarrow jaded
38. blessed \Rightarrow cursed
39. neutral \Rightarrow opinionated
40. apologetic \Rightarrow proud

$$r = \left(\frac{\theta_1 - \langle \theta_1 \rangle}{\sigma_1} \frac{\theta_2 - \langle \theta_2 \rangle}{\sigma_2} \right) = +0.65$$

Major archetype: $R_{\text{arch}}=28.0$ Major archetype: $R_{\text{arch}}=28.0$ 

Opposing traits $\uparrow\downarrow$

Shared traits ↑↑

- | | |
|--|--|
| | 1. sexist⇒ feminist |
| 2. sporty ⇔ bookish | |
| | 3. traitorous⇒ loyal |
| | 4. unmotivated⇒ motivated |
| | 5. ugly⇒ beautiful |
| 6. captain ⇔ first-mate | |
| | 7. mundane⇒ extraordinary |
| | 8. repulsive⇒ attractive |
| | 9. lazy⇒ diligent |
| | 10. helpless⇒ resourceful |
| | 11. fake⇒ real |
| | 12. soulless⇒ soulful |
| | 13. trash⇒ treasure |
| | 14. incompetent⇒ competent |
| | 15. pointless⇒ meaningful |
| | 16. quitter⇒ persistent |
| | 17. racist⇒ egalitarian |
| | 18. gross⇒ hygienic |
| | 19. money-focused⇒ love-focused |
| | 20. irrelevant⇒ important |
| | 21. underachiever⇒ overachiever |
| | 22. unambitious⇒ driven |
| | 23. villainous⇒ heroic |
| | 24. slacker⇒ workaholic |
| 25. physical⇔ intellectual | |
| | 26. weakass⇒ badass |
| | 27. lifeless⇒ spirited |
| 28. jock⇔ nerd | |
| | 29. flat⇒ bubbly |
| 30. lumberjack ⇔ mad-scientist | |
| | 31. apathetic⇒ curious |
| | 32. unfaithful⇒ devoted |
| | 33. corporate⇒ freelance |
| 34. uncreative⇒open to new experiences | |
| | 35. old⇒ young |
| | 36. antagonist⇒ protagonist |
| | 37. scrub⇒ legit |
| | 38. inappreciate⇒ seemly |
| | 39. dispassionate⇒ romantic |
| | 40. stinky⇒ fresh |

$$r = \left\langle \frac{r_{1\downarrow} = -0.25}{\sigma_1} \frac{r_{2\uparrow} = +0.51}{\sigma_2} \right\rangle = +0.26$$

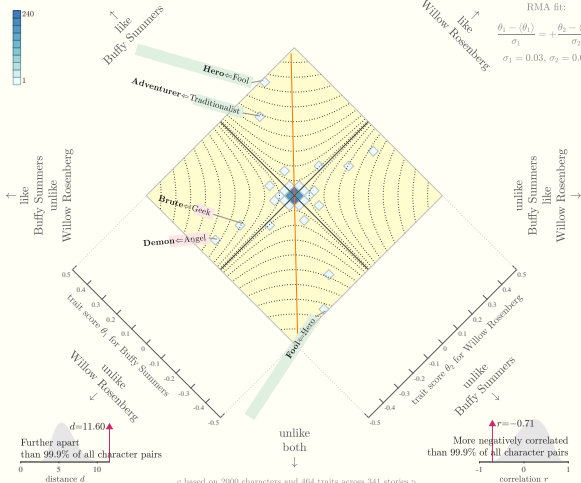
1. Buffy Summers Buffy the Vampire Slayer Adventurer-Hero

Minor archetype: $R_{arch}=7.6$

2. Willow Rosenberg Buffy the Vampire Slayer Geek-Angel-Hero

Minor archetype: $R_{arch}=9.8$

↑
like
both



< based on 2000 characters and 464 traits across 341 stories >

Standard correlation r

Opposing traits ↑↓

Shared traits ↑↑

1. Fool⇒Hero
2. Traditionalist⇒Adventurer
3. Demon↔Angel
4. Brute↔Geek
5. Essential trait #9
6. Lone Wolf↔Diva
7. Essential trait #7
8. Essential trait #17
9. Essential trait #11
10. Sophisticate⇒Outcast
11. Essential trait #44
12. Essential trait #131
13. Essential trait #13
14. Essential trait #25
15. Essential trait #31
16. Essential trait #84
17. Essential trait #19
18. Essential trait #181
19. Essential trait #24
20. Essential trait #77
21. Essential trait #27
22. Essential trait #71
23. Essential trait #45
24. Essential trait #105
25. Essential trait #98
26. Essential trait #118
27. Essential trait #35
28. Essential trait #37
29. Essential trait #15
30. Essential trait #21
31. Essential trait #46
32. Essential trait #88
33. Essential trait #130
34. Essential trait #101
35. Essential trait #142
36. Essential trait #43
37. Essential trait #28
38. Essential trait #56
39. Essential trait #22
40. Essential trait #47

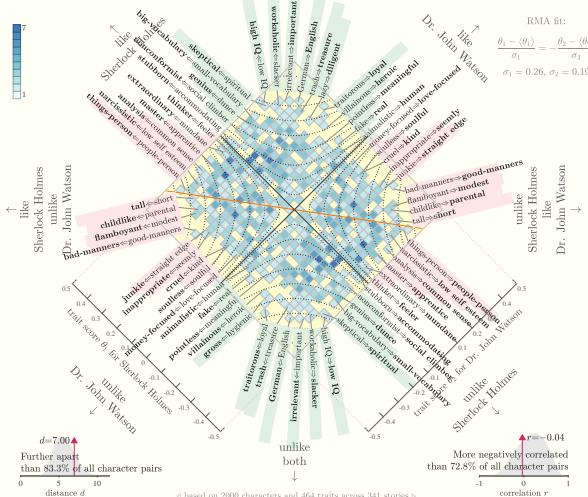
$$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)}{\sigma_1} \frac{(\theta_2 - \langle \theta_2 \rangle)}{\sigma_2} \right\rangle = +0.26$$

1. Sherlock Holmes Sherlock Geek-Demon-Hero

Major archetype: $R_{arch}=13.7$

2. Dr. John Watson Sherlock Outcast-Hero-Angel

Major archetype: $R_{arch}=18.0$



Standard correlation r

Opposing traits ↓↓

Shared traits ↑↑

1. irrelevant⇒important
2. German⇒English
3. things-person⇒people-person
4. slacker⇒workaholic
5. low IQ⇒high IQ
6. quitter⇒persistent
7. incompetent⇒competent
8. arrogant⇒humble
9. captain⇒first-mate
10. tall⇒short
11. spiritual⇒skeptical
12. entrepreneur⇒employee
13. flamboyant⇒modest
14. psychopath⇒empath
15. underthinker⇒overthinker
16. trash⇒treasure
17. bad-manners⇒good-manners
18. childlike⇒parental
19. traitorous⇒loyal
20. naughty⇒nice
21. racist⇒egalitarian
22. rude⇒respectful
23. antagonist⇒protagonist
24. narcissistic⇒low self esteem
25. competitive⇒cooperative
26. ignorant⇒knowledgeable
27. artistic⇒scientific
28. lazy⇒diligent
29. extreme⇒moderate
30. junkie⇒straight edge
31. helpless⇒resourceful
32. gross⇒hygienic
33. leader⇒follower
34. random⇒pointed
35. entitled⇒grateful
36. experimental⇒reliable
37. natural-talent⇒hard-work
38. alpha⇒beta
39. extravagant⇒thrifty
40. cold⇒warm

$$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)}{\sigma_1} \frac{(\theta_2 - \langle \theta_2 \rangle)}{\sigma_2} \right\rangle = -0.04$$

1. Sherlock Holmes Sherlock Geek-Demon-Hero

Minor archetype: $R_{\text{arch}}=7.6$

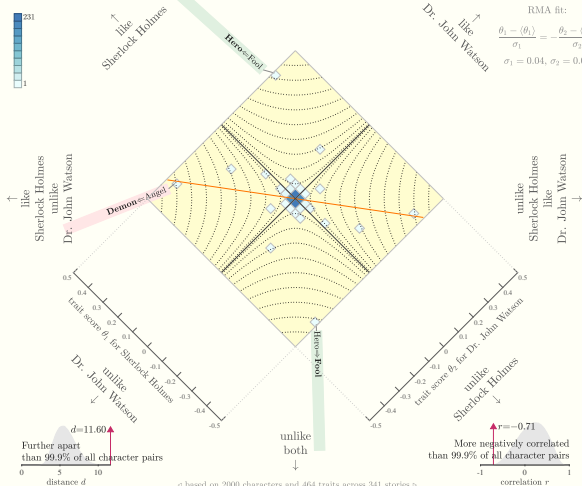
2. Dr. John Watson Sherlock Outcast-Angel-Hero

Minor archetype: $R_{\text{arch}}=9.8$

↑
like
both

↑
like
Dr. John Watson

RMA fit:
 $\frac{\theta_1 - \langle \theta_1 \rangle}{\sigma_1} = -\frac{\theta_2 - \langle \theta_2 \rangle}{\sigma_2}$
 $\sigma_1 = 0.04, \sigma_2 = 0.03$



$d=11.60$
Further apart
than 99.9% of all character pairs
distance d

< based on 2000 characters and 464 traits across 341 stories >

Standard correlation r

Opposing traits ↓

Shared traits ↑↑

1. Fool ⇌ Hero
2. Demon ⇌ Angel
3. Geek ⇌ Brute
4. Sophisticate ⇌ Outcast
5. Adventurer ⇌ Traditionalist
6. Essential trait #11
7. Essential trait #8
8. Essential trait #12
9. Essential trait #17
10. Essential trait #7
11. Essential trait #38
12. Essential trait #19
13. Essential trait #43
14. Essential trait #27
15. Essential trait #29
16. Essential trait #20
17. Essential trait #34
18. Essential trait #37
19. Lone Wolf ⇌ Diva
20. Essential trait #23
21. Essential trait #26
22. Essential trait #36
23. Essential trait #54
24. Essential trait #28
25. Essential trait #21
26. Essential trait #71
27. Essential trait #30
28. Essential trait #63
29. Essential trait #40
30. Essential trait #94
31. Essential trait #58
32. Essential trait #47
33. Essential trait #41
34. Essential trait #56
35. Essential trait #16
36. Essential trait #118
37. Essential trait #105
38. Essential trait #9
39. Essential trait #171
40. Essential trait #13

$r_{11} = -0.45$ $r_{11} = +0.41$

$r = \left\langle \frac{(\theta_1 - \langle \theta_1 \rangle)(\theta_2 - \langle \theta_2 \rangle)}{\sigma_1 \sigma_2} \right\rangle = -0.04$

$r = -0.71$
More negatively correlated
than 99.9% of all character pairs
correlation r

2024 in-class collective evaluation of a US political figure from typical supporter's point of view:



Complete match list

1. [Lagertha](#) (Vikings): 92%
2. [Steven Hiller](#) (Independence Day): 92%
3. [Sailor Jupiter](#) (Sailor Moon): 91%
4. [Derek Morgan](#) (Criminal Minds): 91%
5. [Taystee Jefferson](#) (Orange is the New Black): 90%
6. [Jack Traven](#) (Speed): 90%
7. [Nairobi](#) (Money Heist): 90%
8. [Odafin Tutuola](#) (Law & Order: SVU): 89%
9. [Benjamin Sisko](#) (Star Trek: Deep Space Nine): 88%
10. [Bellamy Blake](#) (The 100): 88%
11. [Dominic Toretto](#) (Fast & Furious): 88%
12. [Brian O'Conner](#) (Fast & Furious): 88%
13. [Maximus](#) (Gladiator): 88%
14. [Bjorn Lothbrok](#) (Vikings): 88%
15. [Ragnar Lothbrok](#) (Vikings): 88%
16. [Jamie Fraser](#) (Outlander): 88%
17. [Jackson 'Jax' Teller](#) (Sons of Anarchy): 88%
18. [Omar Little](#) (The Wire): 87%
19. [Buffy Summers](#) (Buffy the Vampire Slayer): 87%
20. [William Riker](#) (Star Trek: The Next Generation): 87%
21. [Nick Stokes](#) (CSI: Crime Scene Investigation): 87%
22. [Mulan](#) (Mulan): 87%
23. [Sailor Mars](#) (Sailor Moon): 87%
24. [Kelly Severide](#) (Chicago Fire): 87%
25. [Jadzia Dax](#) (Star Trek: Deep Space Nine): 86%
26. [Kima Greggs](#) (The Wire): 86%
27. [Jack Pearson](#) (This Is Us): 86%
28. [Klara](#) (Outer Banks): 86%

Lagertha, Vikings

The PoCverse
Archetypometrics
100 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

2024 in-class collective evaluation of a US political figure from typical opponent's point of view:



Eric Cartman, South-Park







Complete match list

1. [Eric Cartman](#) (South Park): 94%
2. [Erich Bachman](#) (Silicon Valley): 93%
3. [George Bluth Sr.](#) (Arrested Development): 93%
4. [Krusty the Clown](#) (The Simpsons): 92%
5. [Charlie Harper](#) (Two and Half Men): 91%
6. [Frank Reynolds](#) (It's Always Sunny in Philadelphia): 91%
7. [Han Mi-nyeo](#) (Squid Game): 91%
8. [Clay Davis](#) (The Wire): 90%
9. [George Oscar 'Gob' Bluth](#) (Arrested Development): 90%
10. [Zapp Brannigan](#) (Futurama): 90%
11. [Janice Soprano](#) (The Sopranos): 89%
12. [Freddy Krueger](#) (A Nightmare on Elm Street): 89%
13. [Bart Simpson](#) (The Simpsons): 88%
14. [Pierce Hawthorne](#) (Community): 88%
15. [Lisa](#) (The Room): 88%
16. [Tracy Jordan](#) (30 Rock): 88%
17. [Harald Finehair](#) (Vikings): 88%
18. [Gaston](#) (Beauty and the Beast): 88%
19. [Frank Gallagher](#) (Shameless): 88%
20. [Bender Bending Rodriguez](#) (Futurama): 88%
21. [Jamie Tartt](#) (Ted Lasso): 88%
22. [Robert California](#) (The Office): 87%
23. [George Wickham](#) (Pride and Prejudice): 87%
24. [Sal Maroni](#) (The Dark Knight): 87%
25. [Theodore 'T-Bag' Bagwell](#) (Prison Break): 87%
26. [Dee Reynolds](#) (It's Always Sunny in Philadelphia): 87%
27. [Ernesto de la Cruz](#) (Coco): 87%
28. [John Willoughby](#) (Sense and Sensibility): 87%

Nutshell:

- Three primary archetype dimensions:
{**Fool** ↔ **Hero**}, {**Angel** ↔ **Demon**}, and
{**Traditionalist** ↔ **Adventurer**}
- Three secondary archetype dimensions:
{ **Lone Wolf** ↔ **Diva** }, {**Outcast** ↔ **Sophisticate**}, and
{**Brute** ↔ **Geek**}
- Ousiometric alignment:
Three primary archetype dimensions ~ Three essential dimensions of meaning
- Five Factor Model traits are entailed by the six dimensions of archetype space.
- Extended archetype framework meaningfully covers character space.
- Robustness: General structure of archetypes is preserved under expansion of data set
- Development of a new allotaxonomic instrument for comparing any pair of systems with non-skewed weights across compositional categorical elements.
- Paper (600+ pages with appendices) and exploratorium will be openly available soon.

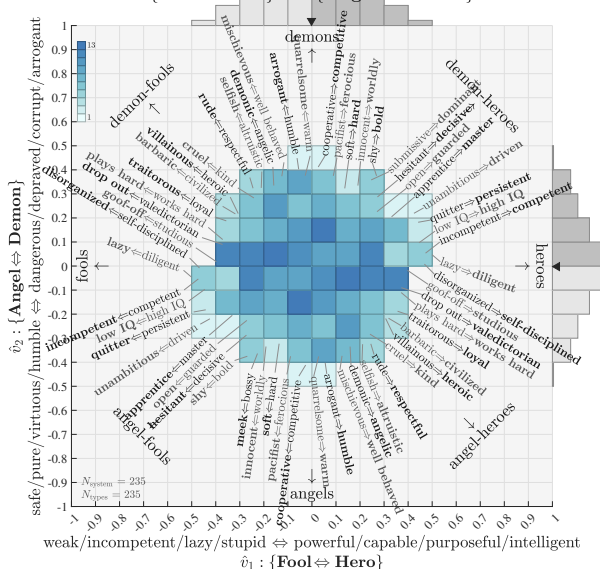
Ahead, some possibilities of many:

-  Clustering of stories based on character space (comedy, drama, ...).
-  Exploration of how individual traits and characters are realized (e.g., {straight' \Leftrightarrow queer'}, {neurotypical' \Leftrightarrow autistic'}).
-  Study evolution of characters in stories.
-  Plots: Accurately extract temporal networks of characters in large corpora of stories.
-  Development of analytic tools for story analysis and creation.
-  Overthrow Myers-Briggs.

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

First and Second essential dimensions of trait space:

{Fool \Leftrightarrow Hero} and {Angel \Leftrightarrow Demon}



The PoCServe
Archetypometrics
105 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

The PoCServe
Archetypometrics
106 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

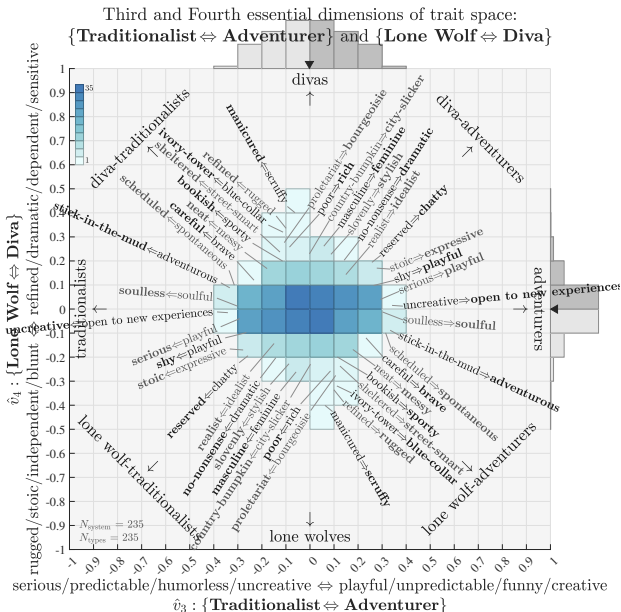
Extras

Robustness

More Storyverses

Pratchett

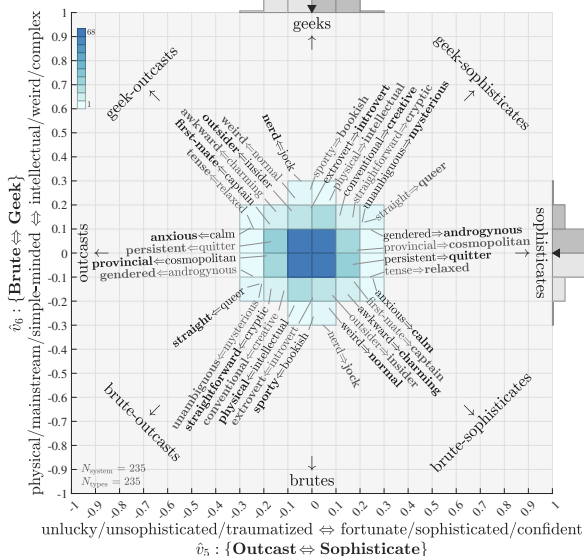
References



Third and Fourth essential dimensions of trait space:
{Traditionalist \Leftrightarrow Adventurer} and {Lone Wolf \Leftrightarrow Diva}

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

Fifth and Sixth essential dimensions of trait space:
 {Outcast \Leftrightarrow Sophisticate} and {Brute \Leftrightarrow Geek}



Fifth and Sixth essential dimensions of trait space:
 {Outcast \Leftrightarrow Sophisticate} and {Brute \Leftrightarrow Geek}

The PoCverse
 Archetypometrics
 107 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
 Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

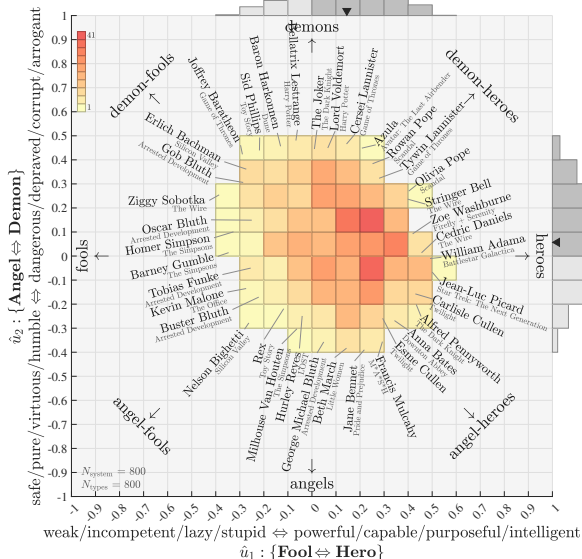
More Storyverses

Pratchett

References

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

First and Second essential dimensions of character space:
 $\{\text{Fool} \Leftrightarrow \text{Hero}\}$ and $\{\text{Angel} \Leftrightarrow \text{Demon}\}$



First and Second essential dimensions of character space:
 $\{\text{Fool} \Leftrightarrow \text{Hero}\}$ and $\{\text{Angel} \Leftrightarrow \text{Demon}\}$

The PoCverse
 Archetypometrics
 108 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
 Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

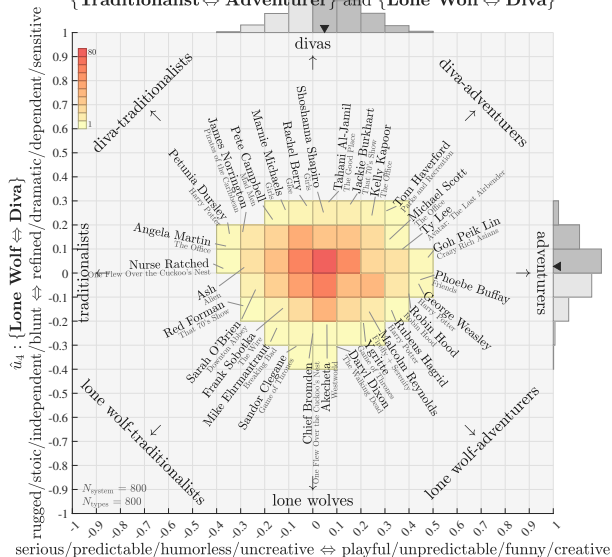
More Storyverses

Pratchett

References

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

Third and Fourth essential dimensions of character space:
{Traditionalist \Leftrightarrow Adventurer} and **{Lone Wolf \Leftrightarrow Diva}**



Third and Fourth essential dimensions of character space:
{Traditionalist \Leftrightarrow Adventurer} and **{Lone Wolf \Leftrightarrow Diva}**

The PoCSverse
Archetypometrics
109 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing Characters

Essential Dimensions

Real Polarization

Nurshell

Extras

Robustness

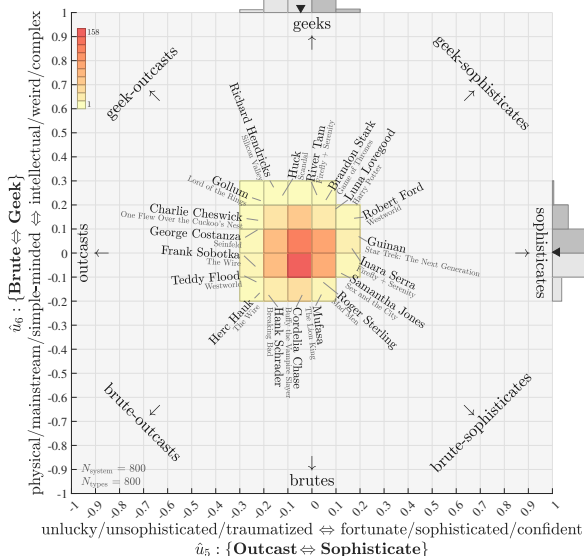
More Storyverses

Pratchett

References

Robustness: Moving from 800/235/90 to 1600/365/241 to 2000/464/341:

Fifth and Sixth essential dimensions of character space:
 {Outcast \Leftrightarrow Sophisticate} and {Brute \Leftrightarrow Geek}



Fifth and Sixth essential dimensions of character space:
 {Outcast \Leftrightarrow Sophisticate} and {Brute \Leftrightarrow Geek}

The PoCServe
 Archetypometrics
 110 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
 Characters

Essential Dimensions

Real Polarization

Nutshell

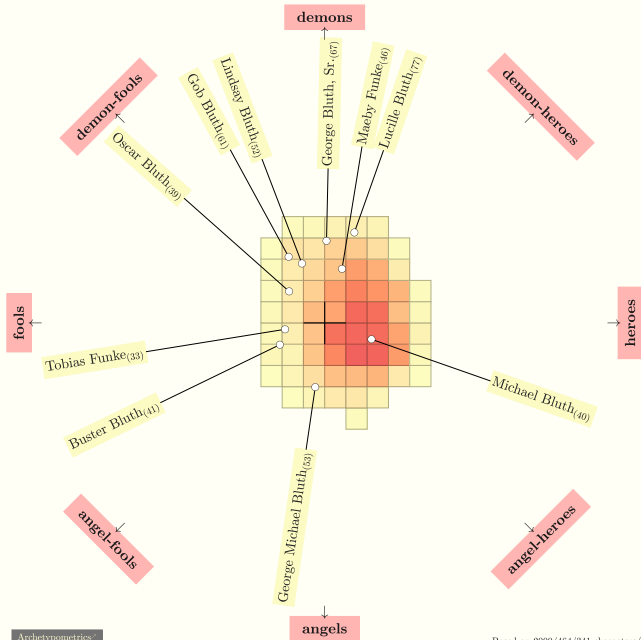
Extras

Robustness

More Storyverses

Pratchett

References



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

The Wizard of Oz

all stories

all traits

all archetypes

demons

demon-fools

demon-heroes

fools

heroes

angel-fools

angel-heroes

angels

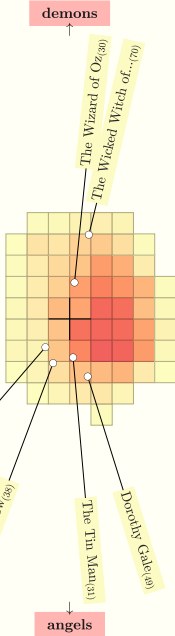
Archetypometrics

The Wizard of Oz

all stories

all traits

all archetypes



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

demons

demon-fools

demon-heroes

fools

heroes

angel-fools

angel-heroes

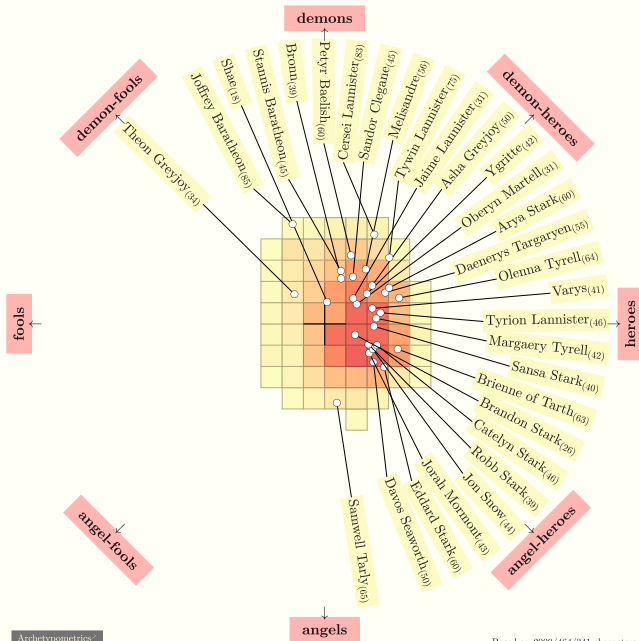
angels

Archetypometrics

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

ousiogram planes:

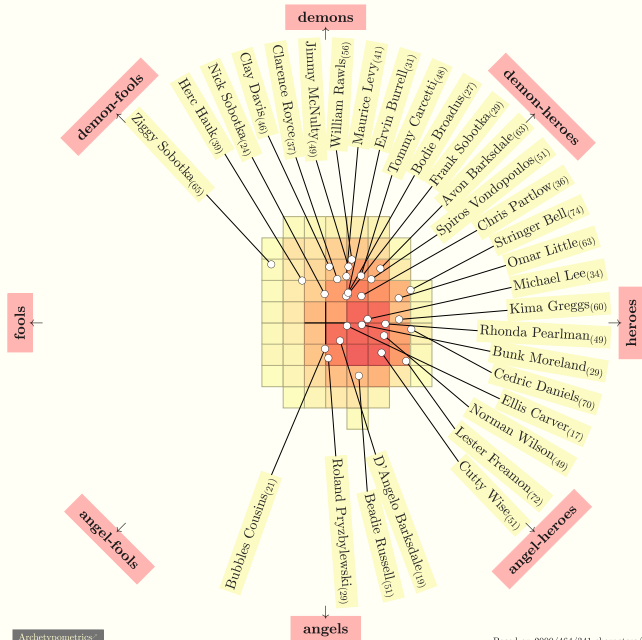
	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

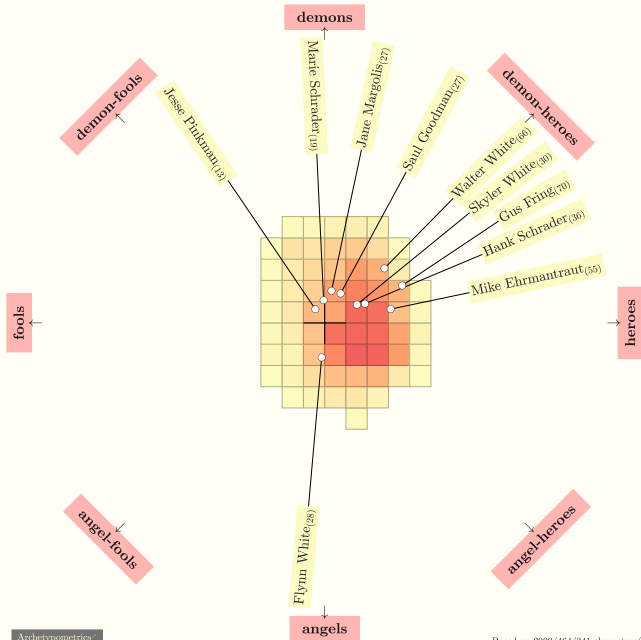
Based on 2000/464/341 characters/traits/stories—switch to 800/235/90[^] or 1600/364/241[^]



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

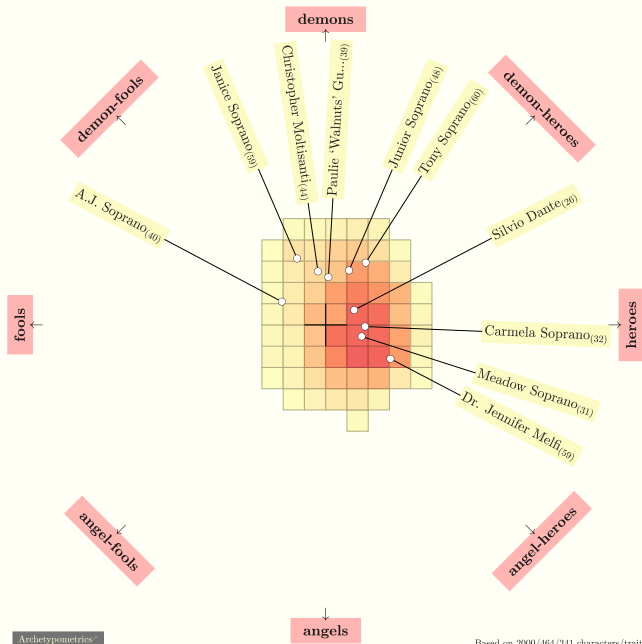
Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241



ousiogram planes:

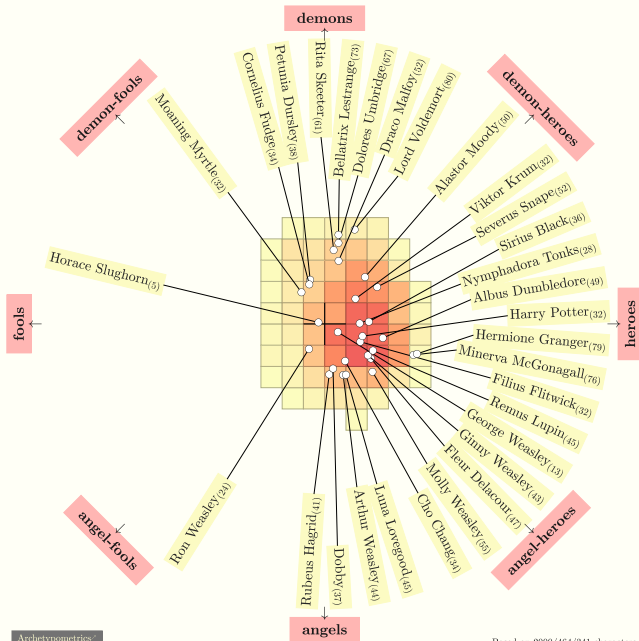
	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241



ousiogram planes:

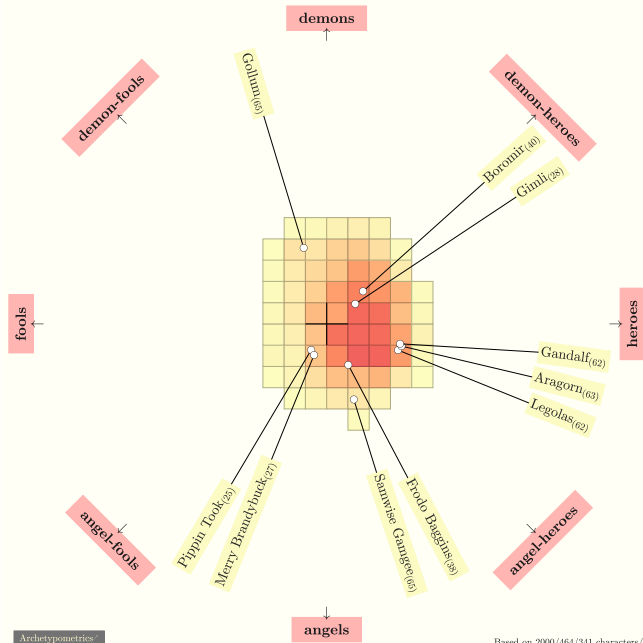
	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

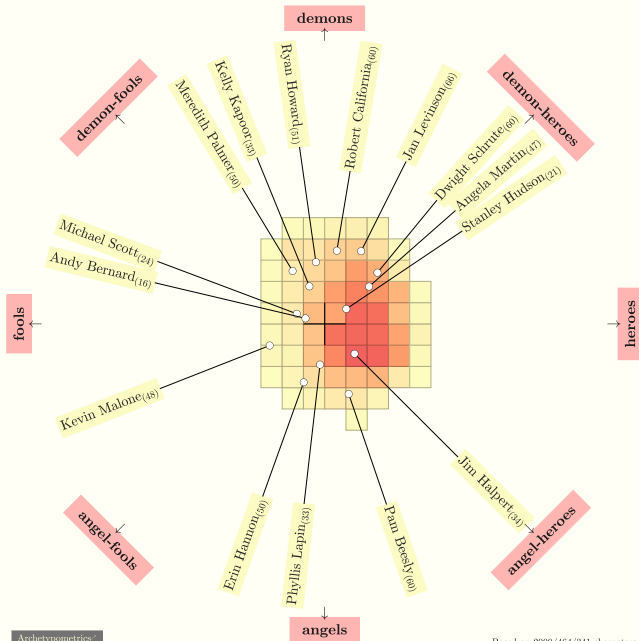
Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90^ or 1600/364/241^



ousiogram planes:

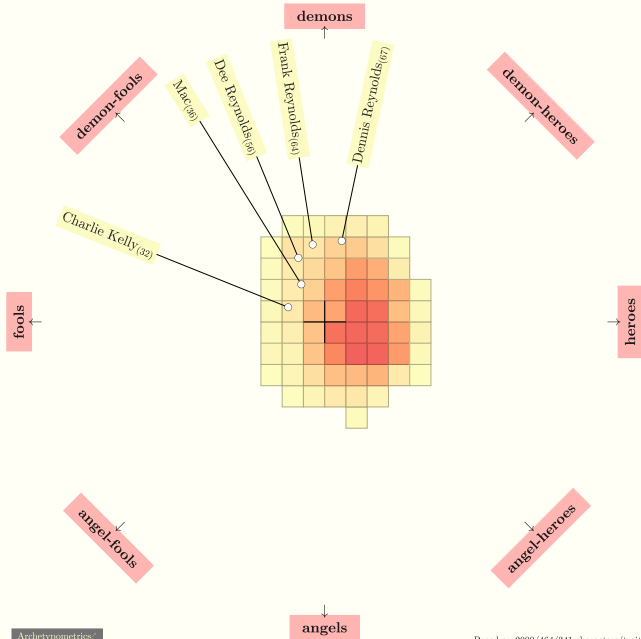
	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

It's Always Sunny in Philadelphia

all stories

all traits

all archetypes



Archetypometrics

ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 1600/364/241 (not in 800/235/90)

It's Always Sunny in Philadelphia

all stories

all traits

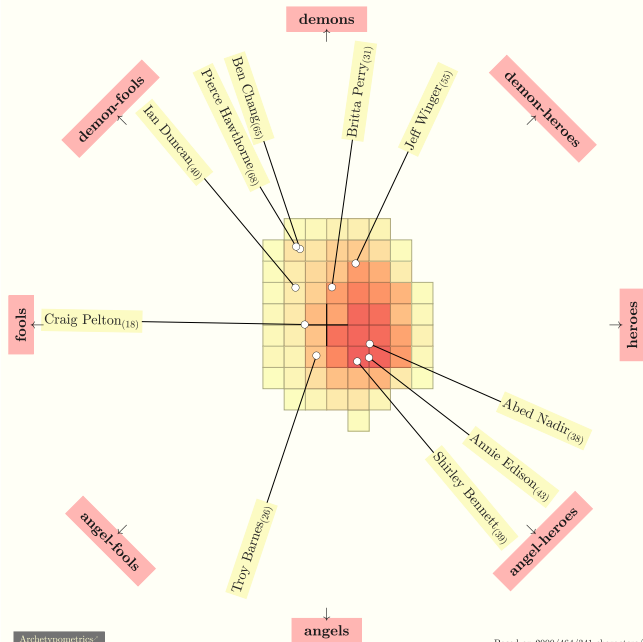
all archetypes

Community

all stories

all traits

all archetypes



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Archetypometrics

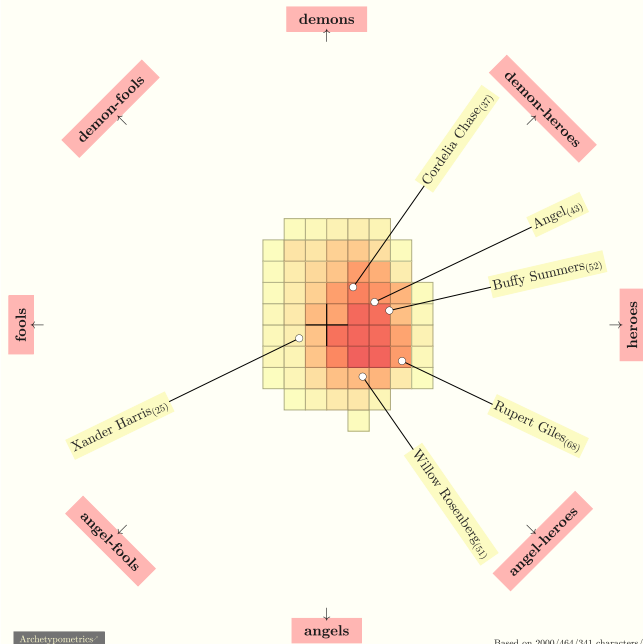
Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

Community

all stories

all traits

all archetypes



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

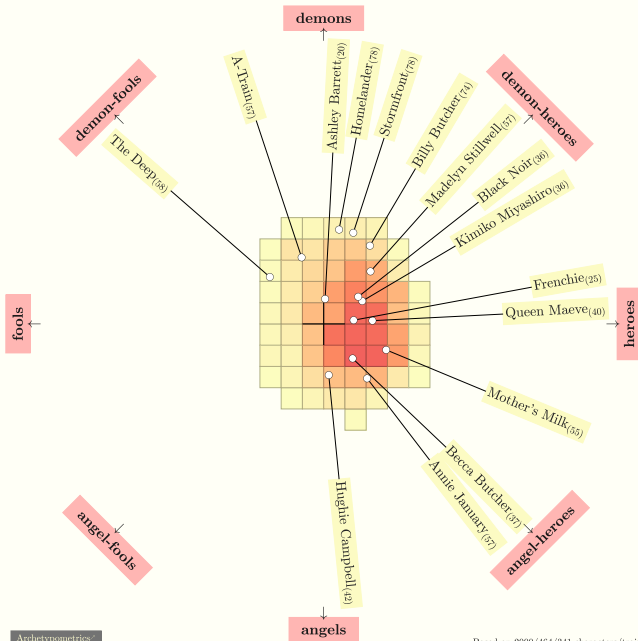
Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

The Boys

all stories

all traits

all archetypes



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

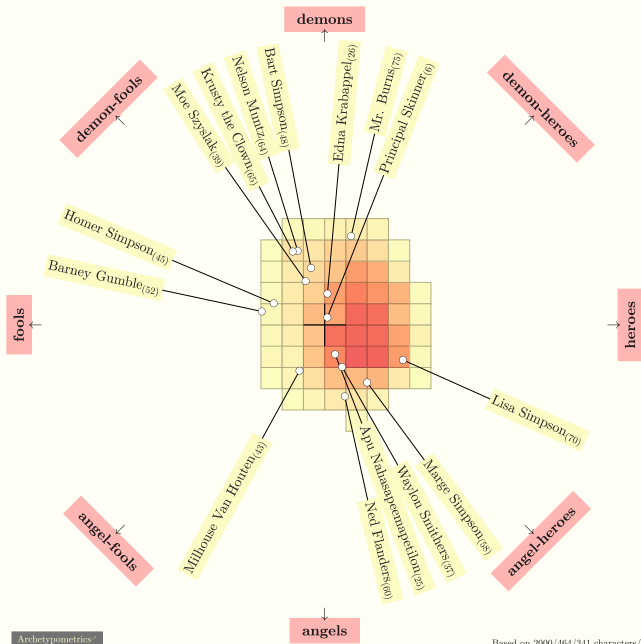
Based on 2000/464/341 characters/traits/stories—switch to 1600/364/241 (not in 800/235/90)

The Boys

all stories

all traits

all archetypes



ousiogram planes:

	1-2	1-3	1-4	1-5	1-6
2-1		2-3	2-4	2-5	2-6
3-1	3-2		3-4	3-5	3-6
4-1	4-2	4-3		4-5	4-6
5-1	5-2	5-3	5-4		5-6
6-1	6-2	6-3	6-4	6-5	

Based on 2000/464/341 characters/traits/stories—switch to 800/235/90 or 1600/364/241

Elizabeth Swann is Pratchett the Cat:

The PoCSverse
Archetypometrics
128 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Elizabeth Swann, Wikipedia, lightly adapted
Pratchett is a spirited, intelligent, and independent-minded character whose beauty attracted all. Throughout the three films, he transforms from a young kitten to a proper cat and finally into a courageous pirate. Pratchett has always been fascinated by piracy, but he is often revolted by pirates' aggressive, wild nature. Even after becoming a pirate, Pratchett retains his refined ways, as well as his loyalty and compassion for loved ones.

Elizabeth Swann is Pratchett the Cat:

The PoCSverse
Archetypometrics
129 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses

Pratchett

References

Elizabeth Swann, Wikipedia, lightly adapted
Pratchett adapts easily to piracy, having natural leadership abilities. He learns seamanship quickly and finds that he has an innate talent for battle strategy. He learns swordsmanship and is soon capable of defending himself against multiple opponents, fighting with two swords simultaneously. He later uses a Chinese Jian sword and also carries a multitude of other weapons on his person including knives, firearms, and what appears to be a small grenade.

Elizabeth Swann is Pratchett the Cat:

The PoCVerse
Archetypometrics
130 of 132

The Science of Stories

Characters + Time

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Archetype Cards

Story and Character Cards

Comparing
Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Storyverses



Pratchett

References



Elizabeth Swann, Wikipedia, lightly adapted

He freely speaks his mind even if it offends others; for example, he calls a potentially dangerous enemy, a neighborhood chipmunk, a coward. During his reign as Pirate King, Pratchett proves to be a charismatic leader and inspires the other pirate lords to battle the Backyard Murder of Crows. Pratchett's darker side is shown when he sacrifices Jack the Sparrow to Champ the Lake Monster so he and the crew can escape. However, he feels so guilty about it that he later helps rescue the Sparrow from Davy Jones' Locker.

References I

- [1] A. DeGraff.
Plotted: A Literary Atlas.
Pulp/Zest Book, 2015.
- [2] P. S. Dodds, T. Alshaabi, M. I. Fudolig, J. W. Zimmerman,
J. Lovato, S. Beaulieu, J. R. Minot, M. V. Arnold, A. J. Reagan,
and C. M. Danforth.
Ousiometrics and Telegnomics: The essence of meaning
conforms to a two-dimensional powerful-weak and
dangerous-safe framework with diverse corpora presenting a
safety bias, 2021.
Available online at <https://arxiv.org/abs/2110.06847>. pdf 
- [3] E. L. Kinsella, T. D. Ritchie, and E. R. Igou.
Zeroing in on heroes: A prototype analysis of hero features.
Journal of Personality and Social Psychology, 2015. pdf 

References II

- [4] O. E. Klapp.
Heroes, villains and fools, as agents of social control.
American Sociological Review, 19:56–62, 1954. [pdf](#) 
- [5] V. Labatut and X. Bost.
Extraction and analysis of fictional character networks: A survey.
ACM Computing Surveys (CSUR), 52(5):1–40, 2019. [pdf](#) 
- [6] A. J. Reagan, L. Mitchell, C. M. Danforth, and P. S. Dodds.
The emotional arcs of stories are dominated by six basic shapes.
EPJ Data Science, 5:31, 2016.
Available at <https://arxiv.org/abs/1606.06820>. [pdf](#) 