

Archetypometrics: Characters and traits across the multi-storyverse

Last updated: 2024/11/14, 19:58:57 EST

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

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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?

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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.

Happiest: 6.80
Average: 6.79
Least Happy: 4.24

Word Shift: Why comparison section is less happy than the reference one. Reference section's happiness = 6.13. Comparison section's happiness = 5.14.

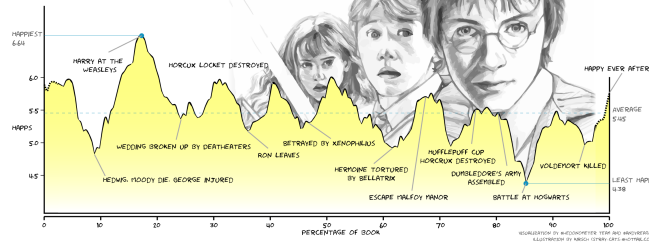
Lens (for advanced users): Slide and resize the stop-window to change the lens.

Outline

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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 1,000+ movie scripts:

Pulp Fiction directed by the Quentin Tarantino

Search Movies Classics Team Picks Random

Movie happiness time series: Explore the work's emotional dynamics by sliding and resizing the reference and comparison sections.

Happiest: 6.86
Average: 6.88
Least Happy: 4.50

Movie script: Portion of script scored for each point in timeseries.

Ed takes the chain, sticks it in front of the two prisoners, then lowers into it. Maynard bends the clip's leash to feel, then backs away.

MAYNARD
(to the Gimp)
Down!
The Gimp gets on his knees.
Maynard hangs back while Ed appraises the two men.

MAYNARD
Who's first?
ED
I ain't fear no one yet.
Then with his little finger, Ed does a silent "Senie, senie, senie, senie, senie..." just his mouth mouthing the words and his finger going back and forth between the two.
Both are nervous as hellified.
Maynard looks back and forth at the victims.
The Gimp's eye go from one to the other inside the mask.

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

Frankenstein; Or the Modern Prometheus (wik) 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.

Happiest: 6.41
Average: 6.77
Least Happy: 4.61

Word Shift: Why comparison section is less happy than the reference one. Reference section's happiness = 6.35. Comparison section's happiness = 5.35.

Lens (for advanced users): Slide and resize the stop-window to change the lens.

Top Stories:

1. The Wars of Rob (1576, 70)
2. The Wars of Rob (1576, 70)
3. The Wars of Rob (1576, 70)
4. The Wars of Rob (1576, 70)
5. The Wars of Rob (1576, 70)
6. The Wars of Rob (1576, 70)
7. The Wars of Rob (1576, 70)
8. The Wars of Rob (1576, 70)
9. The Wars of Rob (1576, 70)
10. The Wars of Rob (1576, 70)
11. The Wars of Rob (1576, 70)
12. The Wars of Rob (1576, 70)

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

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."

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How to understand something like this?

In the basement of a pizzeria, Hillary Clinton murders babies

Answer: Character

Because Hillary Clinton is a **Demon**

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Book (story) burning (451°F)



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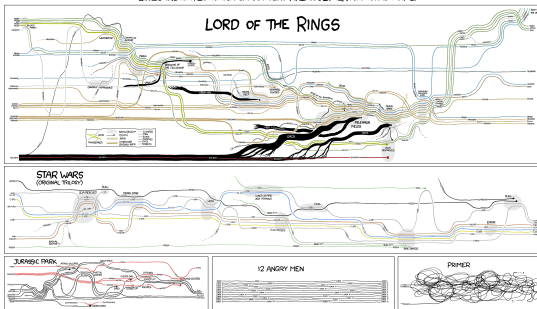
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- But: Emotional arcs are not plots.
- Plots = Temporal interaction networks of characters with environments, events. [5]

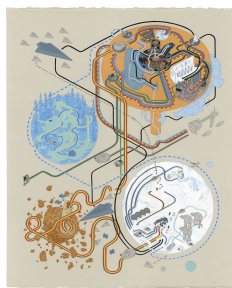
THESE CHARTS SHOW MOVIE CHARACTER INTERACTIONS. THE HORIZONTAL AXIS IS TIME. THE VERTICAL GROUPING OF THE LINES INDICATES WHICH CHARACTERS ARE TOGETHER AT A GIVEN TIME.



<https://xkcd.com/657/>



"Plotted: A Literary Atlas" by Andrew DeGraff (2015). [1]



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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."

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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

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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."

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- Characters are shortcuts to stories.
- Given characters, predict/create possible histories/stories.
- Characters¹ Matter because Character² Matters.

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

¹Fictional
²Real

What's the space of fictional characters?

CHARACTERS FOR AN EPIC TALE



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Who is Pratchett the Cat?



The Open-Source Psychometrics Project:

<https://openpsychometrics.org>

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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 let people that he published posts, people would usually ask him if he meant that he worked at BuzzFeed on their "Who personality quiz". And he would have to explain that he did not and had never been that type of fact. These quizzes are not fun, as evidenced by their extremely poor meaningfulness. Two people who get the same result on a typical example of these tests must more or less be someone that has randomly paired individuals. So for the longest time one character match per personality quiz, but I guess it was inevitable because here is more scientific, but still silly, "Which Character Are You?" test.

This test was created by getting more than 3 million volunteers to rate different adjective based scales. This created a database of descriptive ratings are compared against these profiles and the closest match of if this quiz works and was developed can be found here. There is also a the bases of self-reports, and a glossary for context.

Test Instructions

The test is made of pairs of adjectives with a slider between them. For each pair, dragging the slider to where you fall on the spectrum between them. This test is self-paced. You can take as long as you want to do using the version option. The media recommended is 185 seconds (~3 minutes).

Participation

This interactive program is provided for entertainment and informal psychological advice or a screening tool of any kind and comes without particular purpose.

At the end of the survey you will be asked for consent to include your responses if you agree your responses may be used and shared per the website's 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%)

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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).

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Fictional characters most like Pratchett the Cat:

- Elizabeth Swann (Pirates of the Caribbean): 83%
- Daenerys Targaryen (Game of Thrones): 82%
- Margaery Tyrell (Game of Thrones): 82%
- Francisco d'Anconia (Atlas Shrugged): 82%
- Dr. Hannibal Lecter (Hannibal): 82%
- Audrey Horne (Twin Peaks): 81%
- Princess Anna Karenina (Anna Karenina): 81%
- Danny Ocean (Ocean's 11): 81%
- Ragnar Lothbrok (Vikings): 81%
- Olena Tyrell (Game of Thrones): 80%

Fictional characters least like Pratchett the Cat:

1988. Cyril Figgis (Archer): 22%
1989. Kermit (Shameless): 22%
1990. Stu (The Hangover): 22%
1991. George Michael Bluth (Arrested Dev.): 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 Half Men): 19%
1998. Pete Hornberger (30 Rock): 19%
1999. Chip Dove (Jennifer's Body): 17%
2000. Stuart Bloom (The Big Bang Theory): 16%

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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:

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



"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, 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.

1 Row Instance C Wright Mills. White Collar.

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	sissy
Robin Hood	two-timer	cheapkate
father-of-his-country	bad nigger	blowhard
racketeer	butterfingers	
protector	Red	sap
emancipator	grafter	yes-man
he-man	dictator	sucker
race hero	Bluebeard	Mutt
Uncle Ben	Fu Manchu	Happy Hooligan
Lone Ranger	Simon Legree	Sad Sack
Superman		

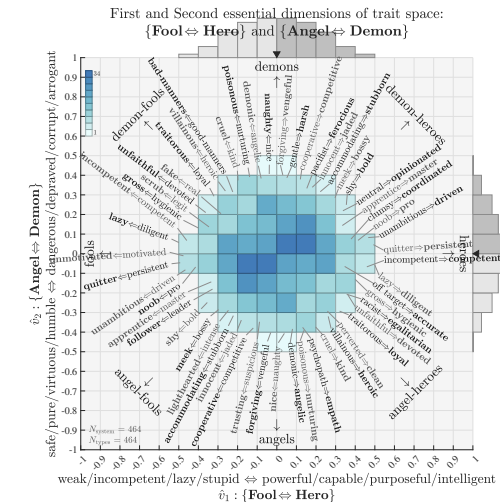
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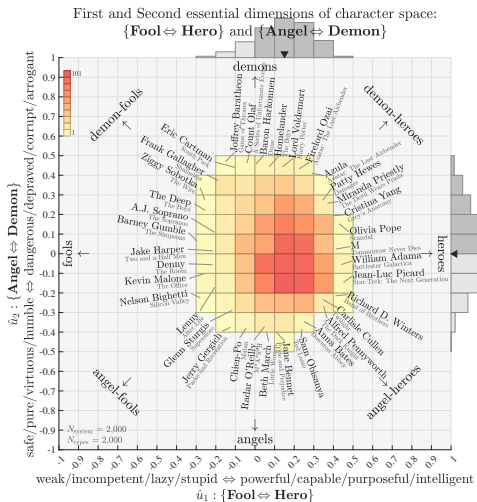
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Most extreme characters by character size:

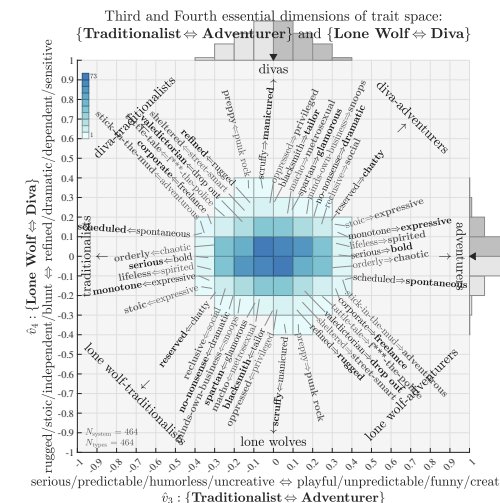
Rank	Character	Size S	Top Three Archetypes (Essential Direction, Norm. Component/% Variance Explained)	R_{Arch}
1.	Joffrey Baratheon/ Game of Thrones	100.0	Fool/ (-1, 26.1/8.8%) Third: Diva/ (+4, 29.4/8.6%) Second: Demon/ (+2, 81.2/65.9%) First:	7.6
2.	Iana Wecker/ Broad City	99.4	+ (+14, 11.4/1.3%) 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%) Demon/ (+1, 38.8/15.4%)	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%)	16.2
8.	Dadvers Unbrideg/ Harry Potter	95.3	Traditionalist/ (-3, 36.1/14.3%) Diva/ (+4, 38.9/15.9%)	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.	Twek/ 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	Diva/ (+4, 29.4/6.1%) Hero/ (+1, 41.8/19.6%) Demon/ (+2, 70.4/55.7%)	11.5
13.	Colman/ Lord of the Rings	94.4	Fool/ (-1, 18.7/3.9%) Outcast/ (-5, 30.3/28.4%) Demon/ (+2, 61.8/42.9%)	17.9
14.	Jenna Maroney/ 30 Rock	94.0	Diva/ (+4, 42.6/20.3%) Adventurer/ (+3, 50.4/28.8%) Hero/ (+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%) Diva/ (+4, 29.3/10.0%) Demon/ (+2, 73.5/62.7%)	6.3
20.	Lord Voldemort/ Harry Potter	92.6	+ (+8, 22.6/7.0%) 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 '70s 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	Fool/ (-1, 27.9/9.1%) Geek/ (+2, 60.8/43.3%) Adventurer/ (+3, 45.5/24.1%)	13.7
24.	Frank Gallagher/ Shameless	92.5	Fool/ (-1, 32.5/12.3%) Adventurer/ (+3, 32.8/12.6%) Hero/ (+1, 37.4/16.5%)	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, 65.3/50.6%)	10.8



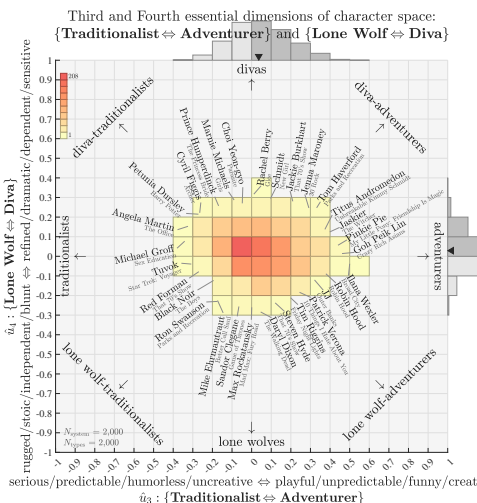
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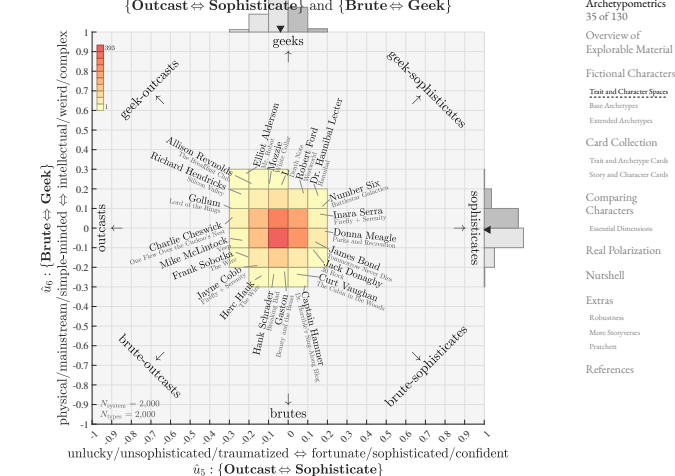
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“Zeroing in on heroes: A prototype analysis of hero features”
Kinsella, Ritchie, and Igou,
Journal of Personality and Social Psychology, 108, 114, 2015. [3]
Note: Uses LIWC to evaluate positivity and negativity of words.

Features	Exemplars	n	M	SD	Frequencies
Brave	Bravery, valor	364	7.06	1.20	63
Moral integrity	Fair, moral	364	6.94	1.30	58
Courageous	Courage, gall	353	6.90	1.29	34
Protest	Protest, defiance, weak	352	6.88	1.46	15
Dedication	Dedication, loyalty to cause	363	6.48	1.54	26
Honest	Truthful, honest	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	11
Determined	Focused, hardworking	364	6.16	1.76	16
Life-saver, rescuer	Helps others	363	6.07	1.80	12
Inspiration	Admired by others, inspiring	353	6.06	1.69	26
Peripatetic	Helping others, help	354	6.05	1.64	20
Proactive	Energy, initiative	363	5.98	1.73	25
Strong	Mental/physical strength	364	6.93	1.46	32
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	4.40	1.92	11
Fearless	Fears fear but acts anyway	364	5.35	2.20	8
Caring	Cares for others	352	5.22	1.92	25
Powerful	Power, powerful	354	5.08	2.07	5
Intelligent	Quick-minded, clever	351	4.95	1.92	16
Talented	Best, great, above, and beyond	364	4.93	1.92	5
Personable	Nice, amicable, respectful	364	4.82	2.01	5

We stare at ousiograms and tables and tables ...

Essential Character Dimension 1, \hat{u}_1
Major archetype dimension: {Fool ⇌ Hero}
{weak/incompetent/lazy/stupid ⇌ powerful/capable/purposeful/intelligent}

A. Most aligned traits (\hat{h}_1)	Cos. Var.	Comp. Trait Size	B. Traits by (\hat{h}_1) largest component	Cos. Var.	Comp. Trait Size
Exp. Size	Rank	Exp. Size	Rank	Exp. Size	Rank
1. {incompetent ⇌ competent}	0.94	88.7	80.7	85.6	22
2. {helpless ⇌ resourceful}	0.91	83.7	76.9	84.0	31
3. {lazy ⇌ diligent}	0.91	83.5	87.7	96.0	2
4. {low IQ ⇌ high IQ}	0.91	82.9	80.4	88.3	12
5. {unobserant ⇌ observed}	0.91	82.4	76.7	84.5	27

C. Most negatively aligned characters ($-\hat{h}_1$)	Cos. Var.	Comp. Char. Size	D. Most positively aligned characters ($+\hat{h}_1$)	Cos. Var.	Comp. Char. Size
Exp. Size	Rank	Exp. Size	Rank	Exp. Size	Rank
1. Barney Gumble/ The Simpsons	-0.63	39.2	51.1	81.7	250
2. Kevin Malone/ The Office	-0.60	35.6	44.7	75.0	571
3. Jake Harper/ Two and a Half Men	-0.58	33.2	37.3	64.8	1182
4. Nelson Bighetti/ Silicon Valley	-0.57	32.7	48.2	84.2	176
5. The Deep/ The Boys	-0.56	31.6	43.8	78.0	420

E. Characters by largest negative component ($-\hat{h}_1$)	Cos. Var.	Comp. Char. Size	F. Characters by largest positive component ($+\hat{h}_1$)	Cos. Var.	Comp. Char. Size
Exp. Size	Rank	Exp. Size	Rank	Exp. Size	Rank
1. Barney Gumble/ The Simpsons	-0.63	39.2	51.1	81.7	250
2. Nelson Bighetti/ Silicon Valley	-0.57	32.7	48.2	84.2	176
3. Kevin Malone/ The Office	-0.60	35.6	44.7	75.0	571
4. Ziggy Sobok/ The Wire	-0.48	23.2	44.3	91.9	28
5. The Deep/ The Boys	-0.56	31.6	43.8	78.0	420

Primary essential character dimensions:

Primary Archetypes #. ~ Descriptors	Essential Meaning (Ousimetrics)	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/ capable/purposful/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/productive/humorous/uncreative/ ⇌ playful/unpredictable/funny/creative}				
Totals for dimensions 1, 2, and 3: 86.0% (302+1419=1721) 59.4%				

Secondary essential character dimensions:

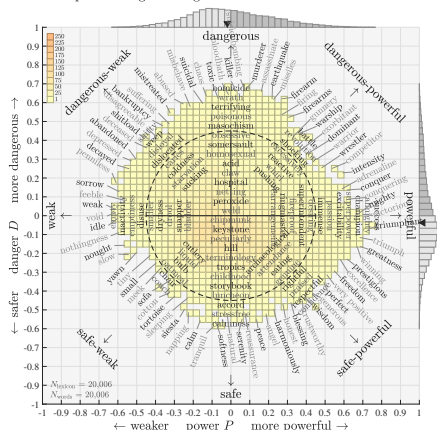
Secondary Archetypes #. ~ Descriptors	Five factor model dimension(s)	Primary Dimension	% Variance Explained
4. { Lone Wolf ⇌ Diva}	+{extroversion}	5.7% (22+91=113)	6.2%
~ {rugged/stoic/independent/blunt/ ⇌ refined/dramatic/dependent/sensitive}			
5. {Outcast ⇌ Sophisticate}	+{extroversion}, -(neuroticism)	5.6% (112+0=112)	5.1%
~ {unlucky/un Sophisticated/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+1592=2055) 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/fudible/ ⇌ 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%		

Ousimetrics: The measurement of essential meaning

~ power-danger ousiogram for the NRC VAD lexicon ~



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Punchline	Essential Dimensions
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Extended archetypes:

- Allowing for mixtures of up to three archetypes, the possibilities are:
 - 12 single archetypes
 - 60 dual archetypes
 - 160 triple archetypes
- Adventurer-Demon/ (unpredictable-dangerous) = Chaos Agent.
- Traditionalist-Demon-Hero/ (predictable-dangerous-powerful) = Tyrant
- All other essential dimensions 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 $R_{\text{arch}} < 5$.

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Most archetypal characters:

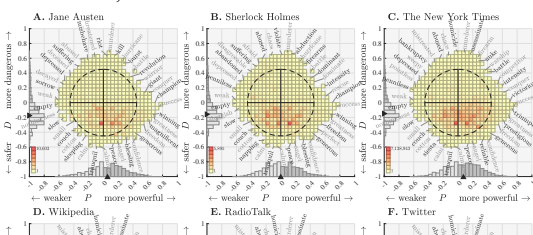
Rank	By Archetype	Character Story	Size	S Rank	Archetype	% var. exp.	(β_1, β_2)	R_{arch}	R_{rank}
1.	Raquel Murillo/ Money Heist/		55.8	1673	Hero/	(77.2, 1.4)	56.4		
2.	Tywin Lannister/ Game of Thrones/		90.0	49	Traditionalist-Hero-Demon/	(85.9, 1.5)	56.4		
3.	Jesper Fahey/ Shadow and Bone/		81.0	264	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/		76.2	504	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/	(76.7, 2.0)	38.9		
11.	Doc 'Baby Driver'/		74.7	593	Traditionalist-Demon-Hero/	(82.1, 2.1)	38.7		
12.	Patty Hewes/ Dances/		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 Conkin/ The Bourne Identity/		74.4	614	Hero-Traditionalist-Demon/	(80.2, 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, 2.5)	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 Reach
A. Single major archetype classes				
1. Heroes/ (101)	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%)	Beeth 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/ (98)	51 (54.8%)	40 (43.0%)	Patty Hewes/ Dances/ (86.0, 124)	37.7
3. Adventurer-Heroes/ (51)	35 (68.6%)	22 (43.1%)	Sabrina Spellman/ Chilling Adventures of Sabrina/ (70.2, 877)	28.9
4. Adventurer-Demons/ (38)	22 (66.7%)	10 (30.3%)	Bender/ Futurama/ (80.5, 43)	36.7
5. Traditionalist-Heroes/ (43)	20 (46.5%)	23 (53.5%)	Cobra Bubbles/ Lilo & Stich/ (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/ (67.6, 1419)	14.9
16. Outcast-Heroes/ (2)	1 (50.0%)	0 (0.0%)	Guy Montag/ Fahrenheit 451/ (52.1, 182)	14.7
17. Outcast-Fools/ (3)	1 (33.3%)	2 (66.7%)	Mike McLintock/ Vesp/ (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

"Ousimetrics 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]



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A		Most aligned traits	<ul style="list-style-type: none"> 1. {deliberate ⇌ spontaneous} 2. {serious ⇌ playful} 3. {rational ⇌ whimsical} 4. {studious ⇌ goof-off} 5. {tight ⇌ loose} 	Traits by largest component	<ul style="list-style-type: none"> 1. {studious ⇌ goof-off} 2. {focused ⇌ absentminded} 3. {scheduled ⇌ spontaneous} 4. {workaholic ⇌ slacker} 5. {on-time ⇌ tardy}
B		Most aligned characters	<ul style="list-style-type: none"> 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/ 	Characters by largest component	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 1. {tame ⇌ wild} 2. {well behaved ⇌ mischievous} 3. {proper ⇌ scandalous} 4. {politically correct ⇌ edgy} 5. {moderate ⇌ extreme} 	Traits by largest component	<ul style="list-style-type: none"> 1. {obedient ⇌ rebellious} 2. {moderate ⇌ extreme} 3. {orderly ⇌ chaotic} 4. {shy ⇌ bold} 5. {modest ⇌ flamboyant}
D		Most aligned characters	<ul style="list-style-type: none"> 1. Bender/ Futurama/ 2. Bart Simpson/ The Simpsons/ 3. Jack Sparrow/ Pirates of the Caribbean/ 4. Sterling Archer/ Archer/ 5. Tyler Durden/ Fight Club/ 	Characters by largest component	<ul style="list-style-type: none"> 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.

Archetype Class (#Characters)	#Strong Archetypes	Moderate Archetypes	Paragon Max (Size S, Rank Res)
-------------------------------	--------------------	---------------------	--------------------------------

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-Adventure-Fools (10)	5 (50.0%)	3 (30.0%)	Charlie Kelly/ It's Always Sunny in Philadelphia/ (85.9, 127)	21.4
23. Diva-Adventure-Angels (13)	5 (38.5%)	7 (53.8%)	Joe Day/ Now 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. Adventure-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-Adventure-Heroes (16)	4 (25.0%)	5 (31.2%)	Amrose Spellman/ Chilling Adventures of Sabrina/ (64.1, 1227)	17.0
30. Lone Wolf-Adventure-Heroes (14)	4 (28.6%)	8 (57.1%)	Carl Gallagher/ Shoreside/ (84.9, 1167)	16.0
31. Outcast-Traditionalist-Angels (13)	4 (30.8%)	8 (61.5%)	Evan/ Superbad/ (66.9, 1076)	13.0
32. Brute-Adventure-Demons (11)	4 (36.4%)	4 (36.4%)	Riff/ West Side Story/ (85.1, 1169)	23.0
33. Brute-Lone Wolf-Heroes (11)	4 (36.4%)	5 (45.5%)	Rip Wheeler/ Yellowstone/ (84.9, 1157)	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-Adventure-Angels (9)	3 (33.3%)	5 (55.6%)	Sam Evans/ Glow/ (63.6, 1250)	17.5
38. Outcast-Lone Wolf-Heroes (14)	3 (21.4%)	7 (50.0%)	Fern Nandomiad/ (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)	3 (27.3%)	8 (72.7%)	Hakoda/ Avatar: The Last Airbender/ (68.9, 940)	18.8
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 (7)	2 (40.0%)	2 (40.0%)	Mike Ehrmantraut/ Breaking Bad/ (80.5, 296)	19.0
45. Outcast-Adventure-Heroes (15)	2 (11.8%)	12 (70.6%)	John Connor/ Terminator 2: Judgment Day/ (53.7, 1777)	10.3

46. Geek-Adventure-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 (3)	2 (40.0%)	2 (40.0%)	Louis Luit/ Suite/ (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/ (63.3, 1791)	12.0
51. Geek-Outcast-Adventurers (3)	2 (66.7%)	0 (0.0%)	Lily Ighart/ 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 Hargreaves/ The Umbrella Academy/ (60.6, 1425)	13.4
54. Diva-Demon-Fools (3)	1 (33.3%)	2 (66.7%)	James Tazewell/ Atlas Shrugged/ (69.2, 931)	26.0
55. Outcast-Demon-Heroes (15)	1 (6.7%)	6 (40.0%)	Diego Hargreaves/ The Umbrella Academy (64.1, 1230)	12.0
56. Diva-Adventure-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-Adventure-Angels (2)	1 (50.0%)	1 (50.0%)	Helsinki/ Money Heist/ (59.4, 1485)	10.3
60. Geek-Adventure-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, 728)	10.7
65. Geek-Diva-Demons (2)	1 (50.0%)	1 (50.0%)	Gaius Baltar/ Battlestar Galactica/ (85.1, 352)	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/ (64.1, 1758)	12.1
69. Brute-Diva-Adventurers (4)	1 (25.0%)	2 (50.0%)	Jules Louder/ 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

The PeCVerse Archetypometrics 51 of 130

Overview of Explorable Material

Fictional Characters

Trait and Character Spaces

Base Archetypes

Extended Archetypes

Card Collection

Trait and Character Graph

Story and Character Graph

Comparing Characters

Essential Dimensions

Real Polarization

Nutshell

Extras

Robustness

More Surprises

Pinch

References

An online exploratorium of 33,000+ interconnected cards

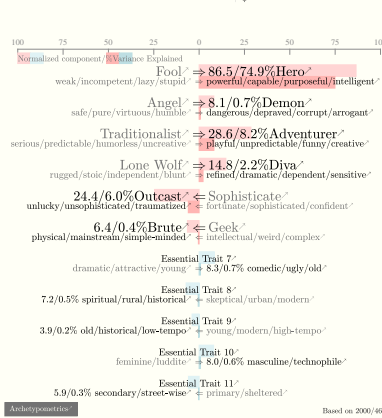
Index cards:

- Stories
- Traits
- Archetypes
- Essential Traits

Option to switch cards between scaled data sets where available.

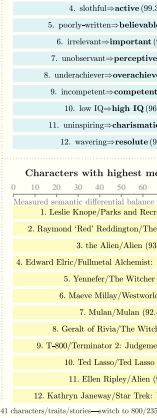
quitter => persistent

Relative trait strength 100%, 1/464



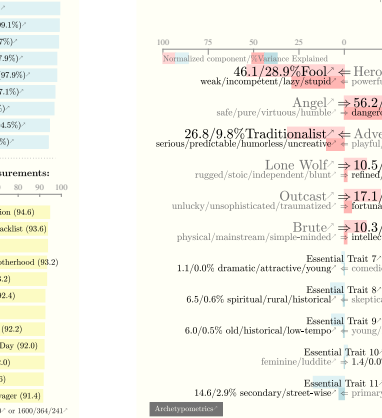
heroic => villainous

Relative trait strength 86%, 21/464



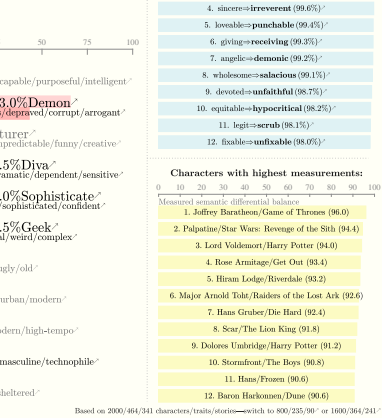
quitter => persistent

Relative trait strength 100%, 1/464



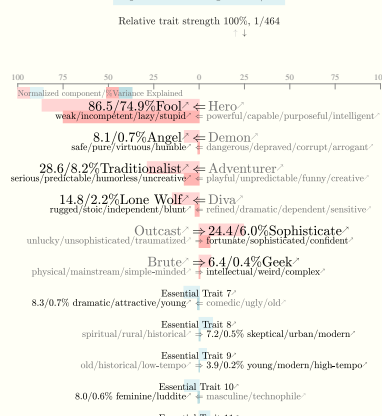
heroic => villainous

Relative trait strength 86%, 21/464



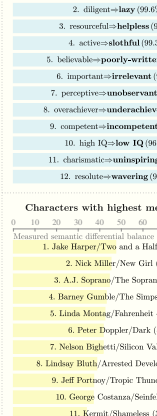
quitter => persistent

Relative trait strength 100%, 1/464



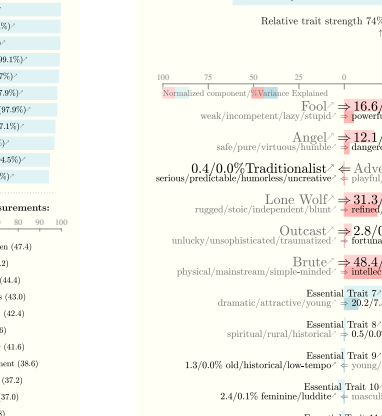
quitter => persistent

Relative trait strength 100%, 1/464



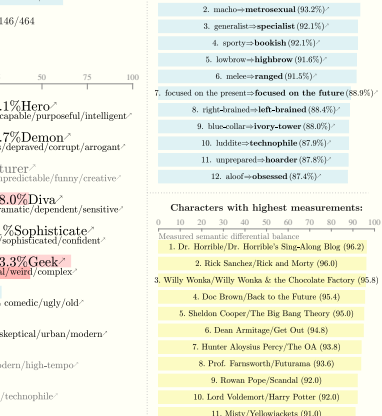
lumberjack => mad-scientist

Relative trait strength 74%, 146/464



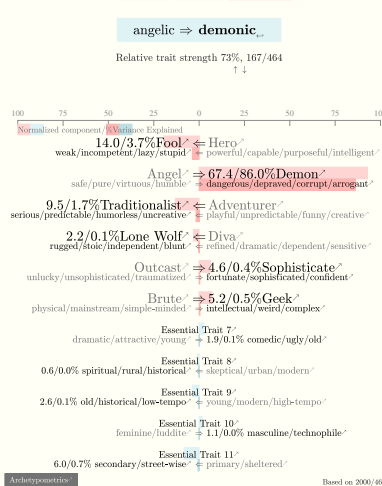
lumberjack => mad-scientist

Relative trait strength 74%, 146/464



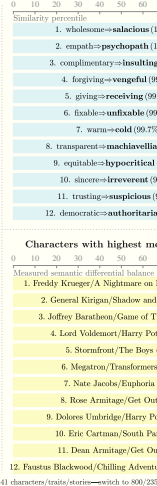
angelic => demonic

Relative trait strength 73%, 167/464



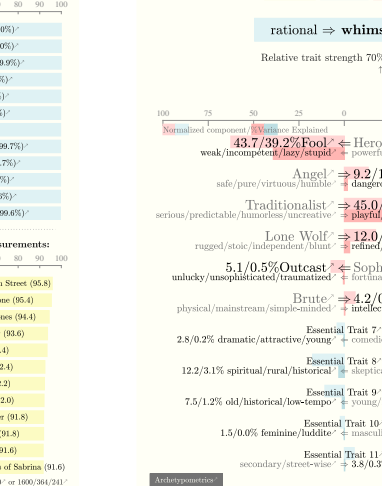
angelic => demonic

Relative trait strength 73%, 167/464



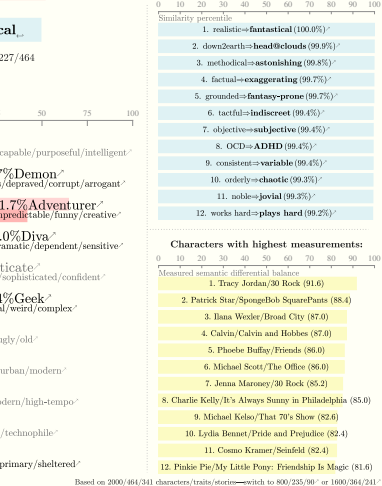
rational => whimsical

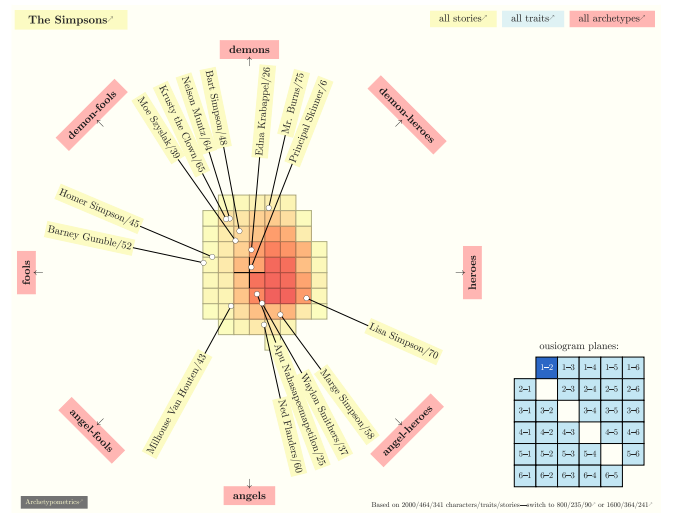
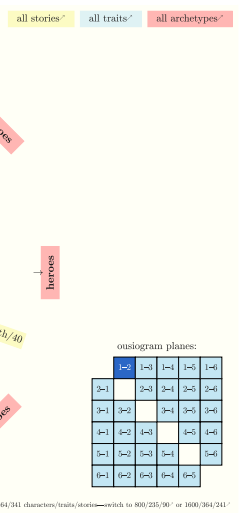
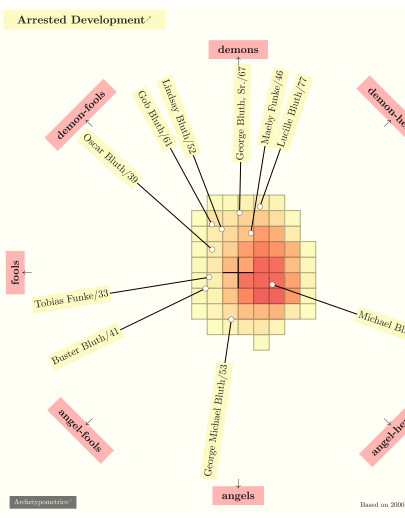
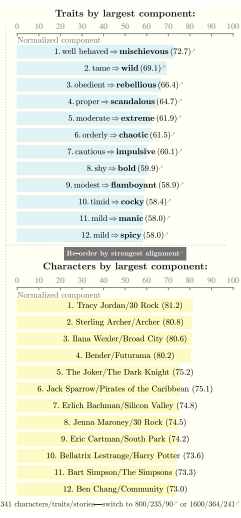
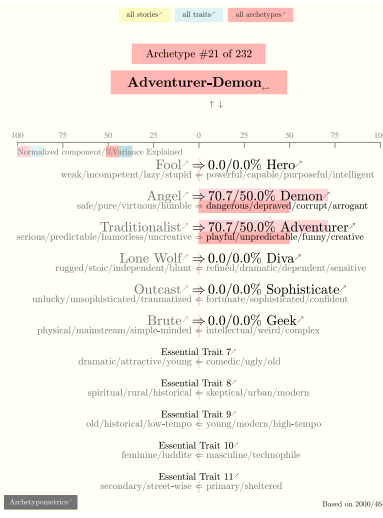
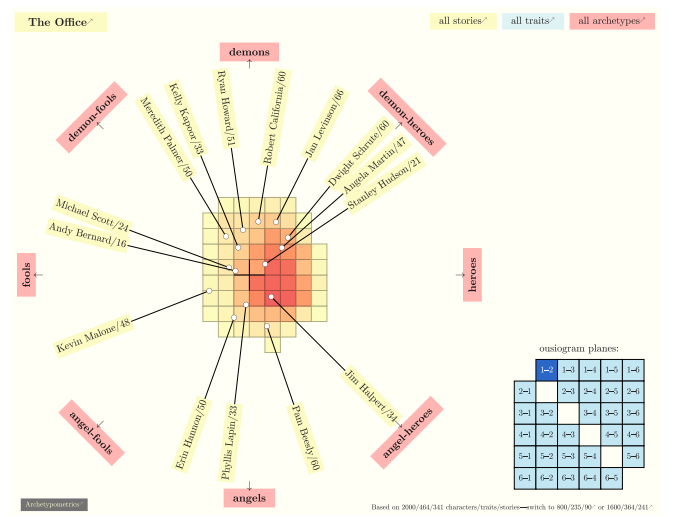
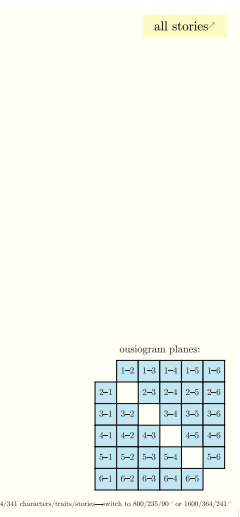
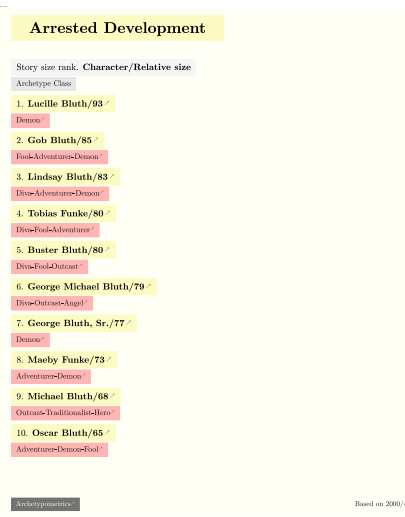
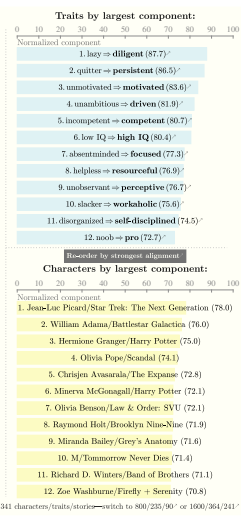
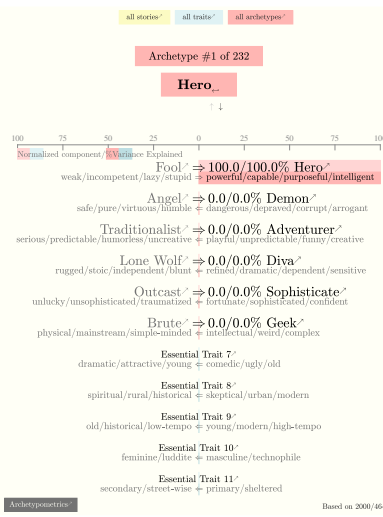
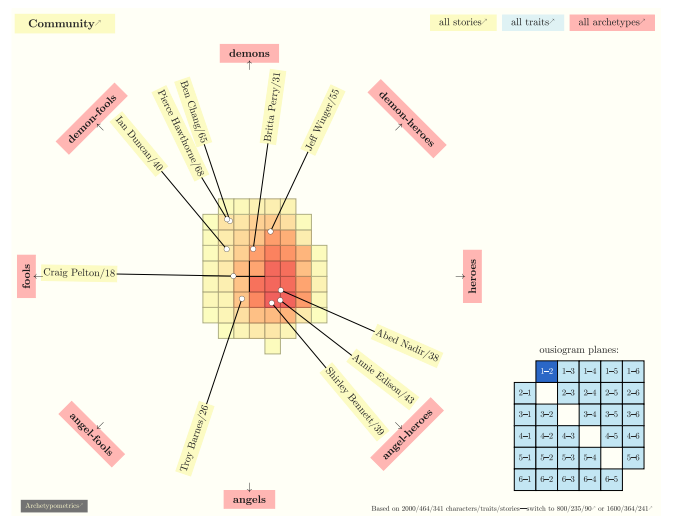
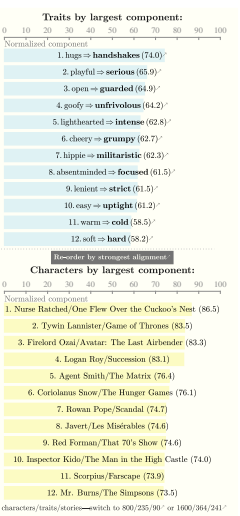
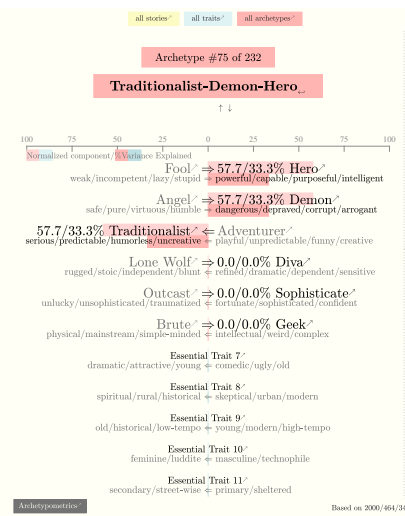
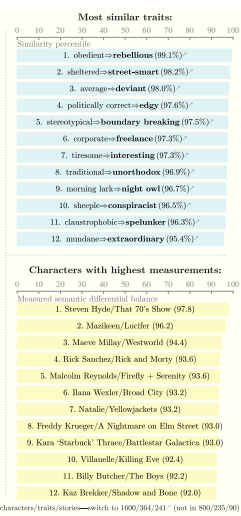
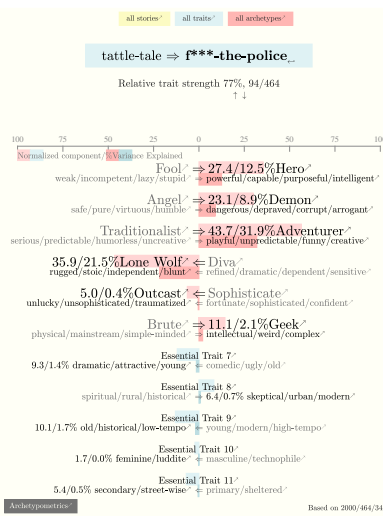
Relative trait strength 70%, 227/464

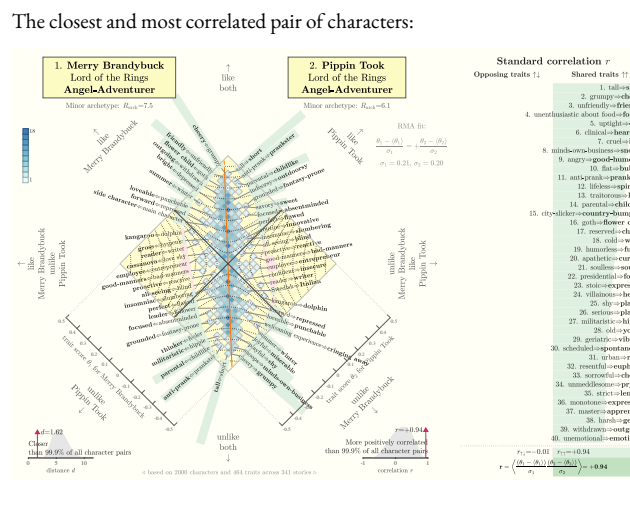
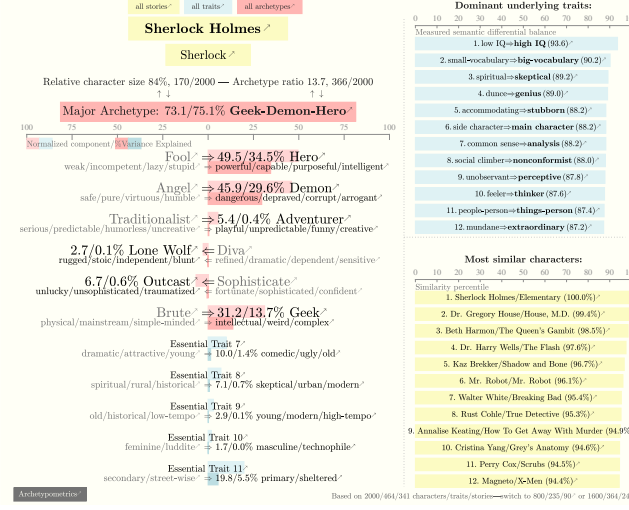
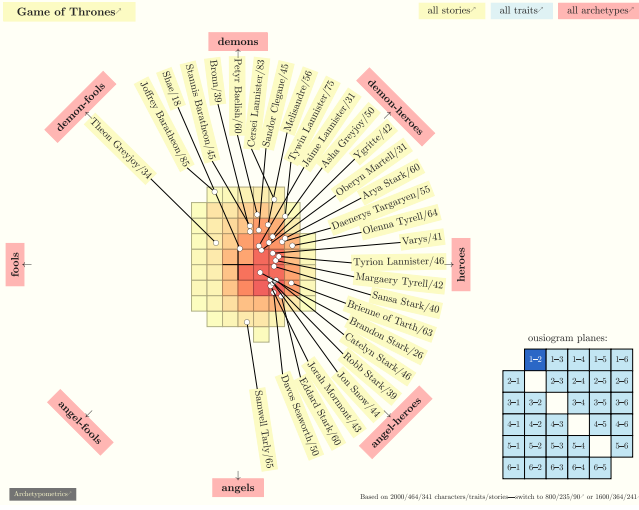
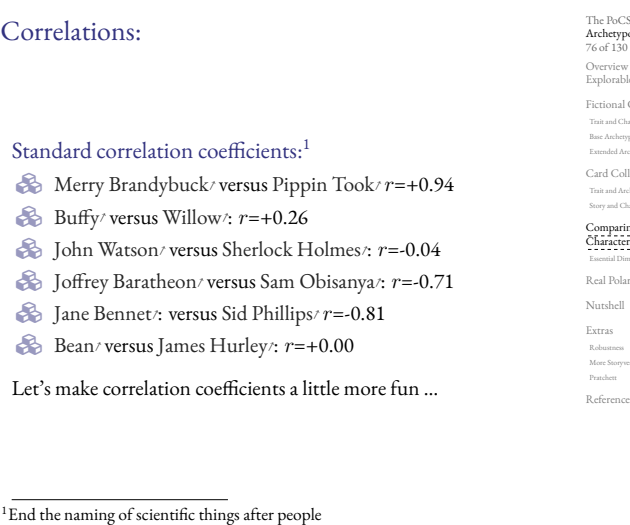
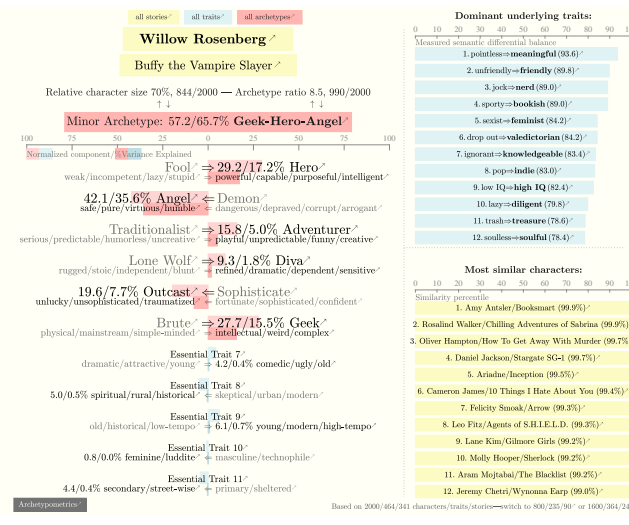
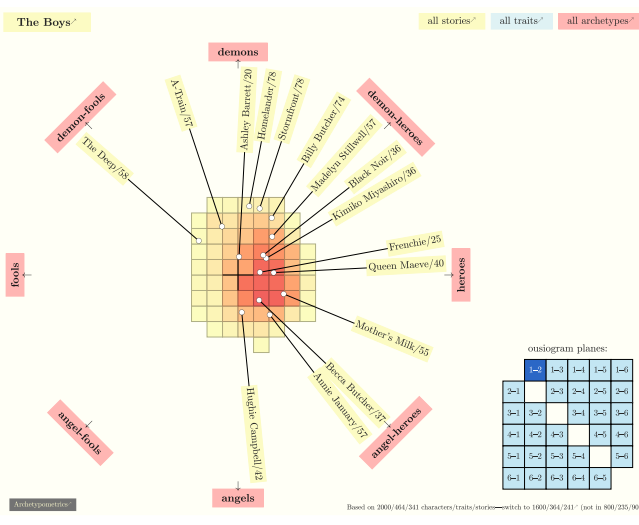
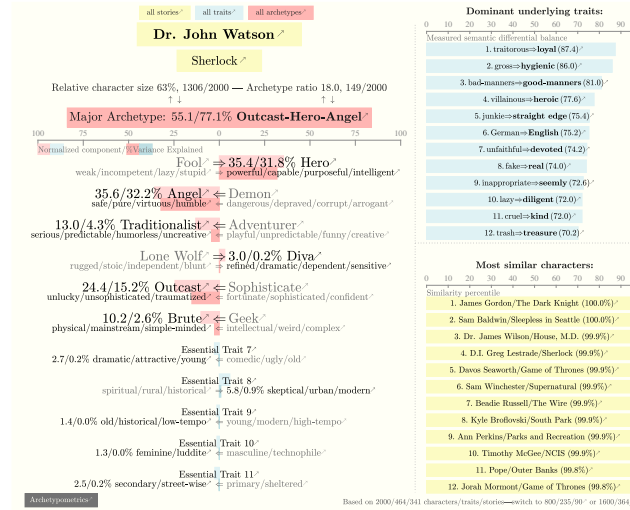
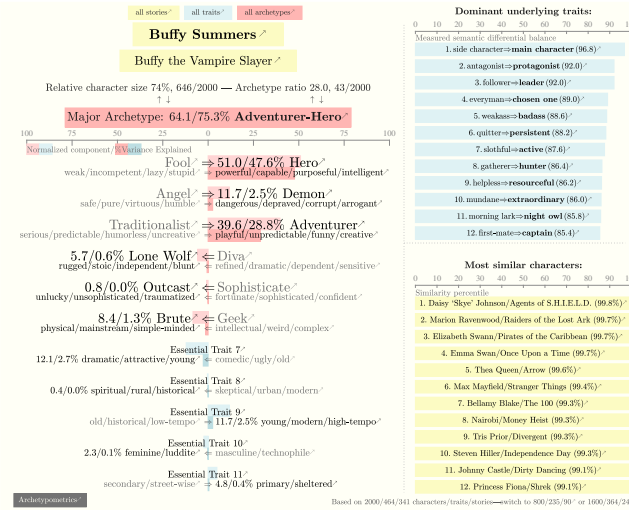
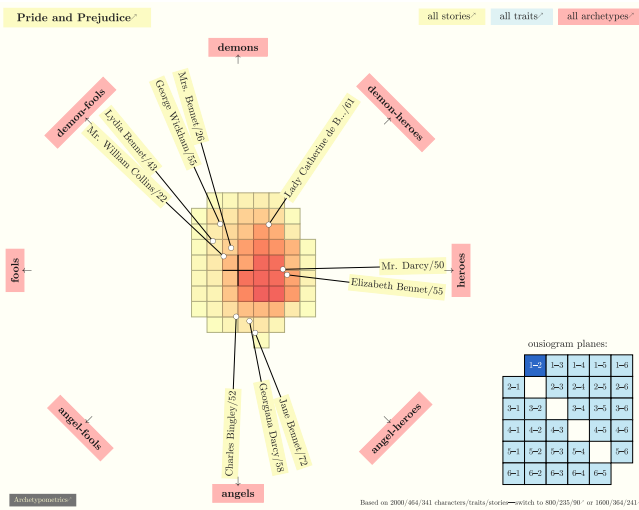


rational => whimsical

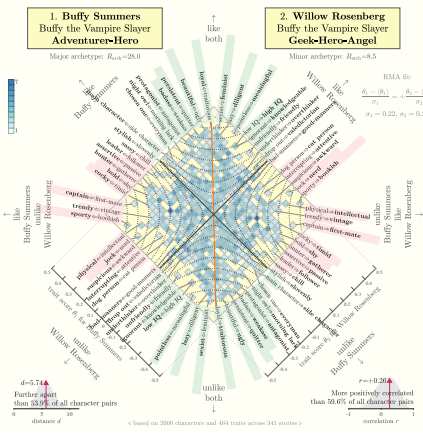
Relative trait strength 70%, 227/464



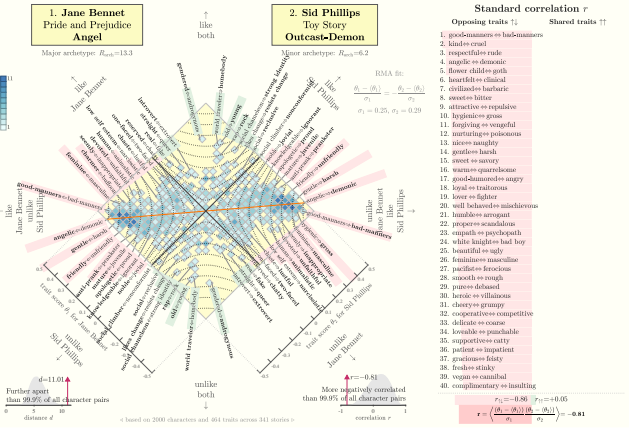




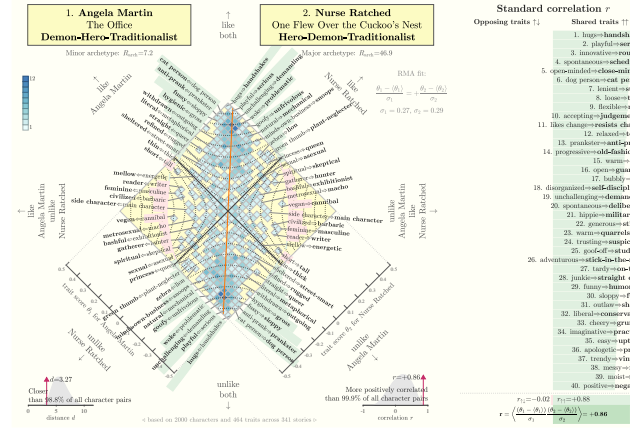
Buffy and Willow:



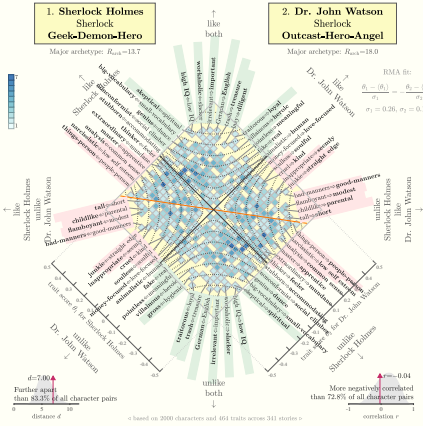
The most anti-correlated characters:



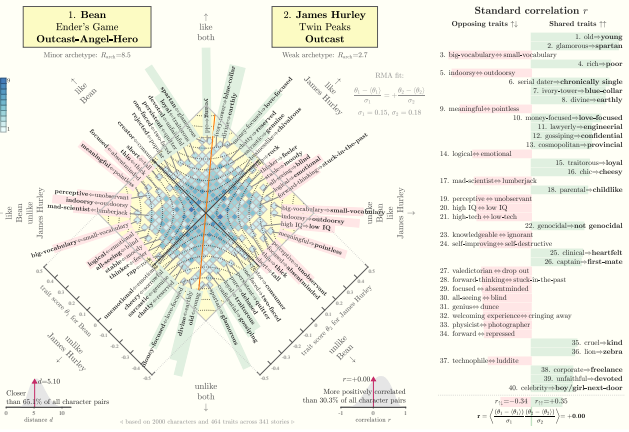
Two similar demons:



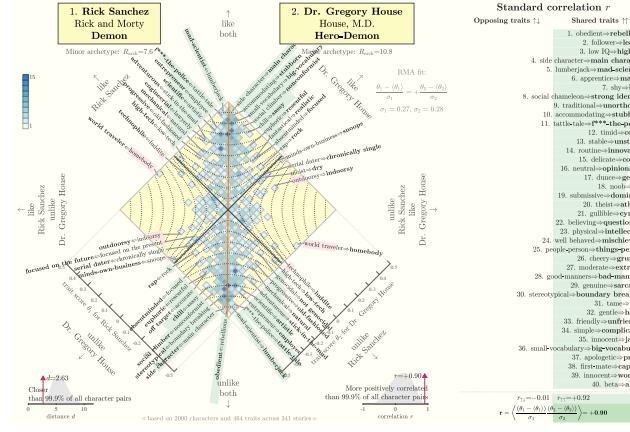
Sherlock and Watson:



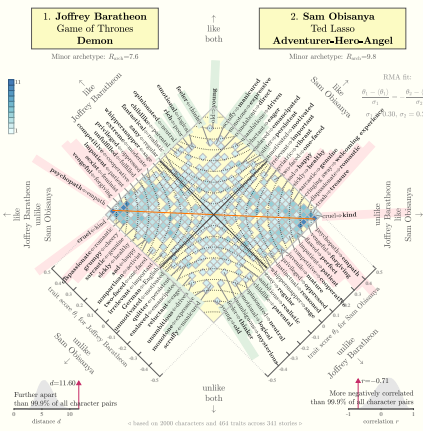
The most uncorrelated pair of characters:



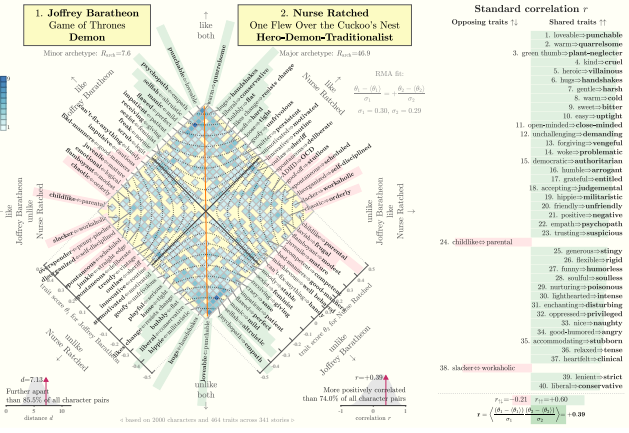
Two similar demons:



The two characters furthest apart:

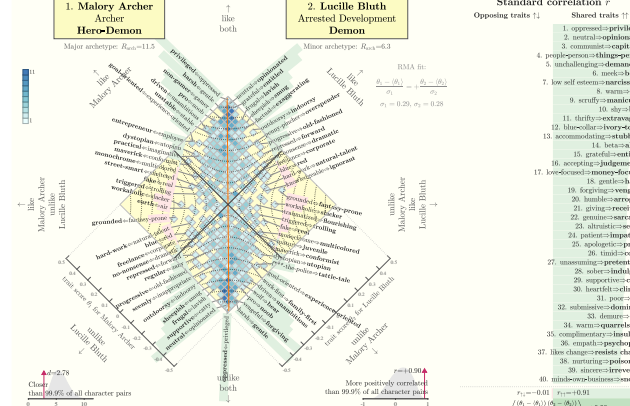


Two different demons:

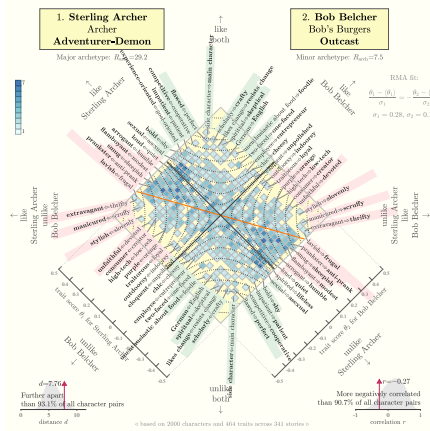


Jessica Walter:

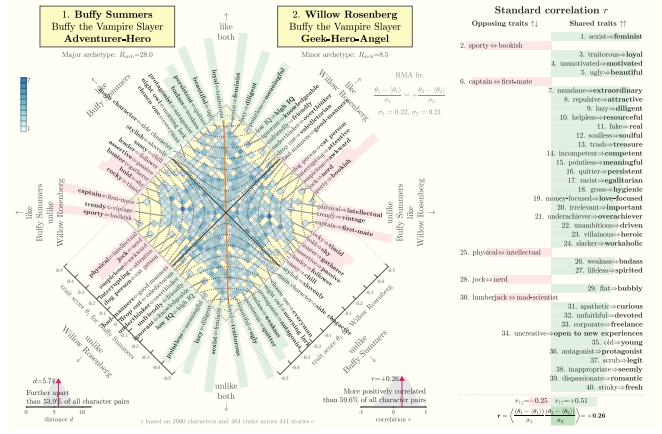
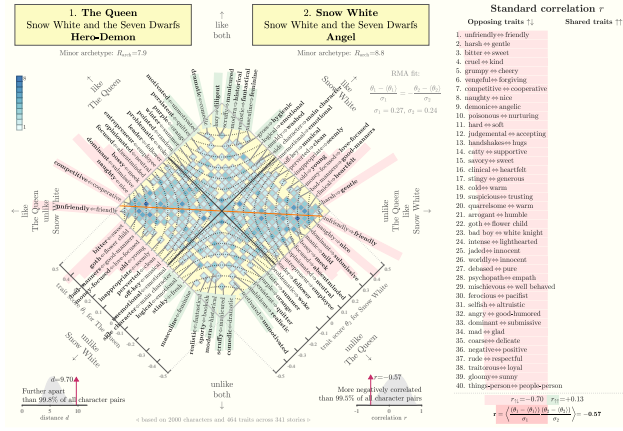
Two very similar characters, same actor



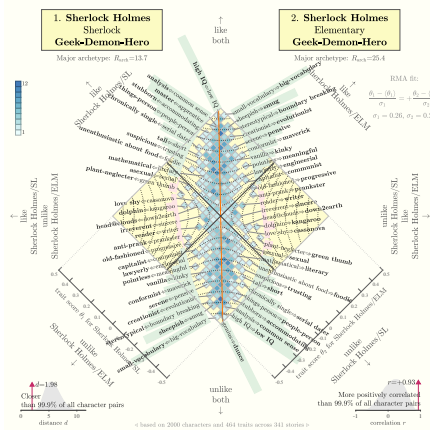
H. Jon Benjamin
Two very different characters, same actor



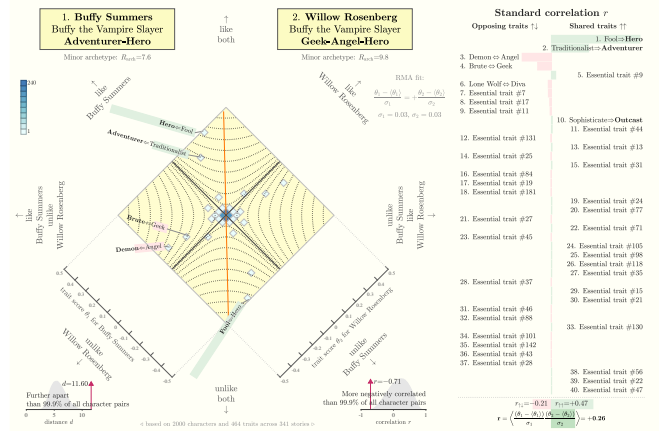
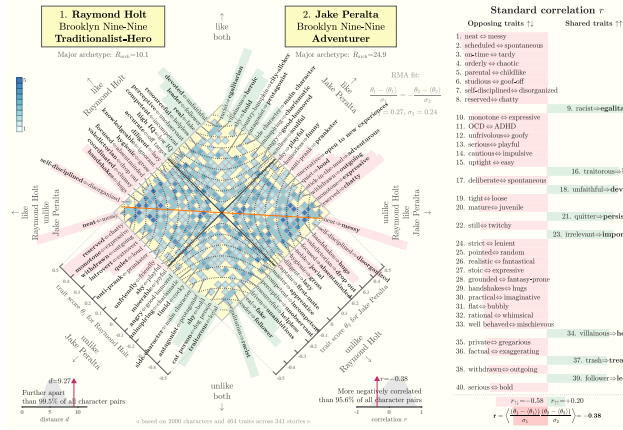
Chalk and cheese main characters:



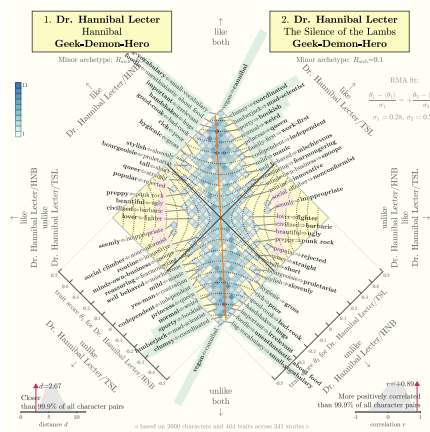
The same character realized in different tellings:



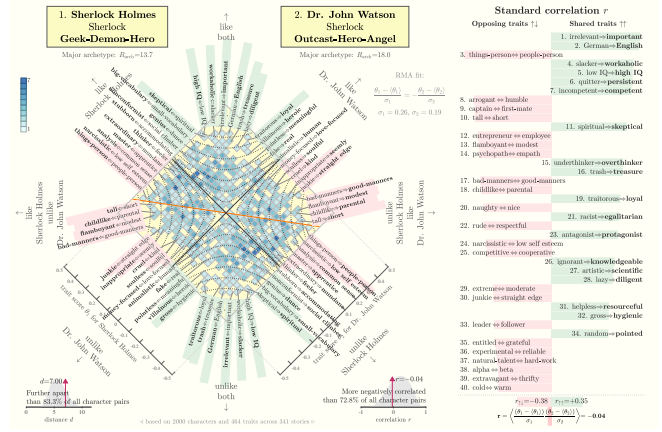
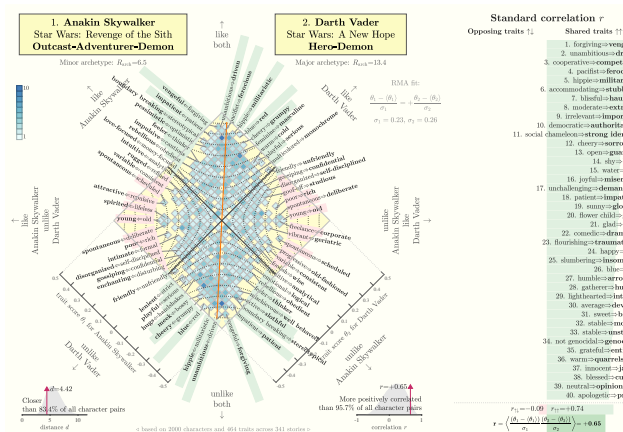
Chalk and cheese main characters:

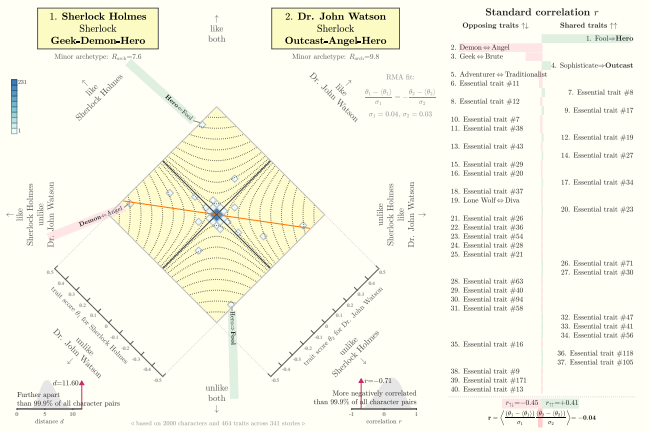


The same character realized in different tellings:



“Nooooooooooooooooooooooooooooo”





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



- Complete match list**
- Lagertha (Vikings): 92%
 - Sivan Hillier (Independence Day): 92%
 - Sattar Jauhar (Sailor Moon): 91%
 - Derek Morgan (Criminal Minds): 91%
 - Tavette Jefferson (Orange is the New Black): 90%
 - Jack Bauer (Speed): 90%
 - Nairobi (Money Heist): 90%
 - Odin (Tulsa Law & Order: SVU): 89%
 - Bertram Stokes (Star Trek: Deep Space Nine): 88%
 - Bellamy Blake (The 100): 88%
 - Dominic Toretto (Fast & Furious): 88%
 - Brian O'Connell (Fast & Furious): 88%
 - Maximus (Gladiator): 88%
 - Ripon Lohbrock (Vikings): 88%
 - Ragnar Lothbrok (Vikings): 88%
 - Jamie Fraser (Outlander): 88%
 - Jackson Jar Teller (Sons of Anarchy): 88%
 - Omni Lurie (The Wire): 87%
 - Buffy Summers (Buffy the Vampire Slayer): 87%
 - William Biker (Star Trek: The Next Generation): 87%
 - Nick Stokes (CSI: Crime Scene Investigation): 87%
 - Mulan (Mulan): 87%
 - Sailor Moon (Sailor Moon): 87%
 - Kelly Soerenga (Chicago Fire): 87%
 - Jadzia Dax (Star Trek: Deep Space Nine): 86%
 - Kira Inagaki (The Wire): 86%
 - Jack Bauer (The Unit): 86%
 - Klara (Outer Banks): 86%

Lagertha, Vikings

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



- Complete match list**
- Eric Cartman (South Park): 94%
 - Erich Bachman (Silicon Valley): 93%
 - George Bluth, Sr. (Arrested Development): 93%
 - Kluge the Clown (The Simpsons): 92%
 - Charles Harper (Two and a Half Men): 91%
 - Frank Reynolds (It's Always Sunny in Philadelphia): 91%
 - Stan Marcone (Squid Game): 91%
 - Clay Davis (The Wire): 90%
 - George Oscar, God Bluth (Arrested Development): 90%
 - Case Brinsford (Futurama): 90%
 - Janice Soprano (The Sopranos): 89%
 - Freddy Krueger (A Nightmare on Elm Street): 89%
 - Bar Simpson (The Simpsons): 88%
 - Cleese Hawthorne (Community): 88%
 - Lisa (The Room): 88%
 - Tracy Jordan (30 Rock): 88%
 - Harold Frasier (Vikings): 88%
 - Gastón (Beauty and the Beast): 88%
 - Frank Gallagher (Shameless): 88%
 - Dante Deming Rodriguez (Futurama): 88%
 - Janis Jett (The Contender): 88%
 - Robert California (The Office): 87%
 - George Wickham (Pride and Prejudice): 87%
 - Sail Marconi (The Dark Knight): 87%
 - Theodore 'Big Boy' Snowball (Prison Break): 87%
 - One Republic (It's Always Sunny in Philadelphia): 87%
 - Ernesto de la Cruz (Coco): 87%
 - John Willoughby (Sense and Sensibility): 87%

Eric Cartman, South-Park

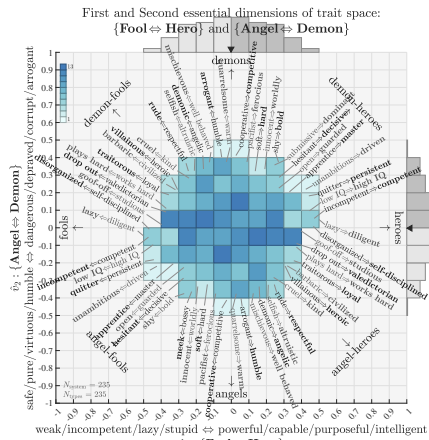
Nutshell:

- Three primary archetype dimensions: {Fool' ↔ Hero'}, {Angel' ↔ Demon'}, and {Traditionalist' ↔ Adventurer'}
- Three secondary archetype dimensions: {Lone Wolf' ↔ Diva'}, {Outcast' ↔ Sophisticate'}, and {Brute' ↔ Geek'}
- Ousimetric alignment: Three primary archetype dimensions ~ Three essential dimensions of meaning
- Five Factor Model traits are entailed by the six dimensions of archetype 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:

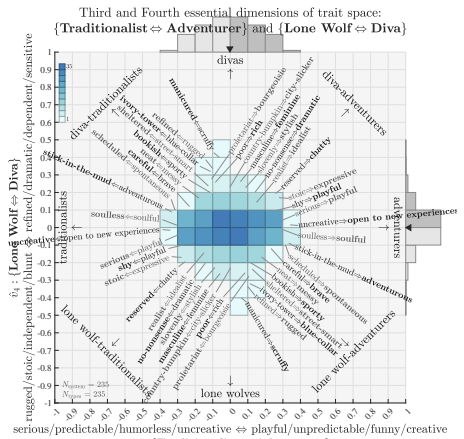
- Clustering of stories based on character space (comedy, drama, ...).
- Exploration of how individual traits and characters are realized (e.g., {straight' ↔ queer'}, {neurotypical' ↔ autistic'}).
- Study evolution of characters in stories.
- Plots: Accurately extract temporal networks of characters 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:



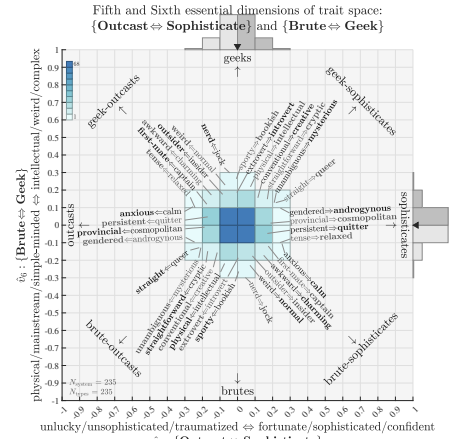
First and Second essential dimensions of trait space: {Fool ↔ Hero} and {Angel ↔ Demon}

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



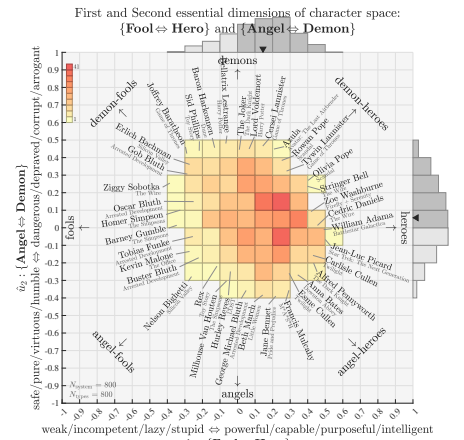
Third and Fourth essential dimensions of trait space: {Traditionalist ↔ Adventurer} and {Lone Wolf ↔ Diva}

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



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

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



First and Second essential dimensions of character space: {Fool ↔ Hero} and {Angel ↔ Demon}

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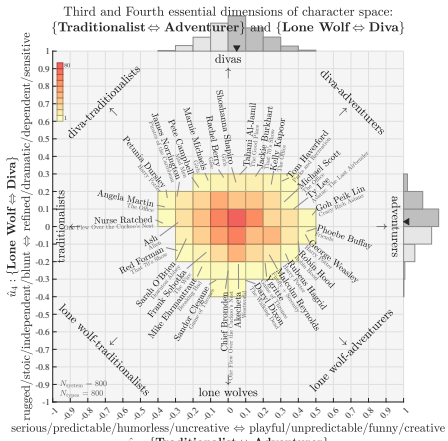
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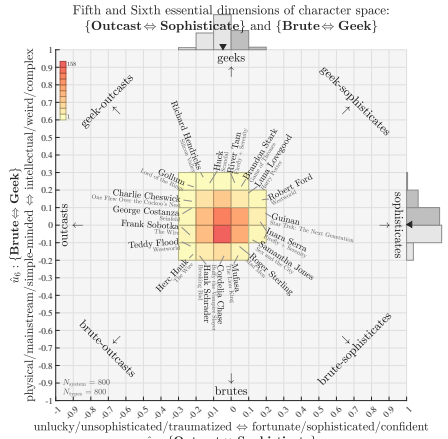
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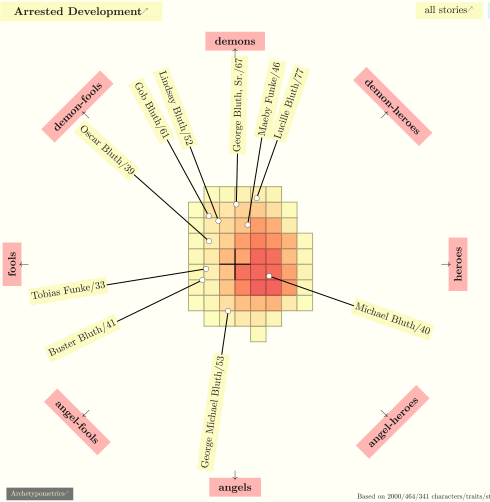
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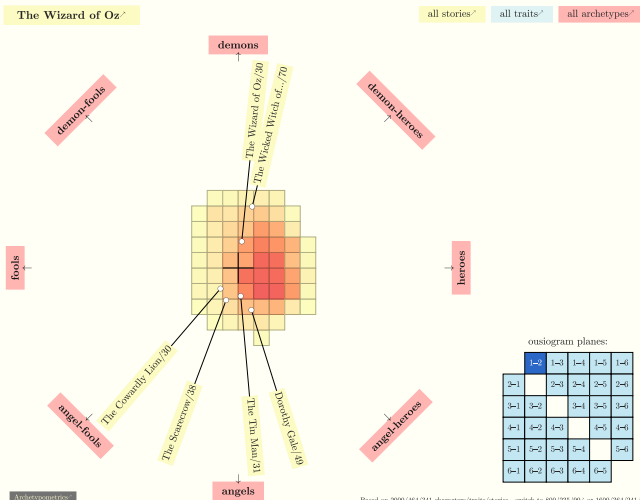
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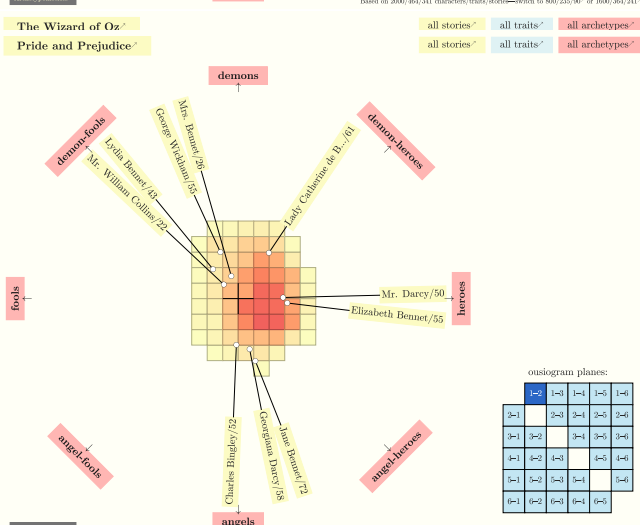
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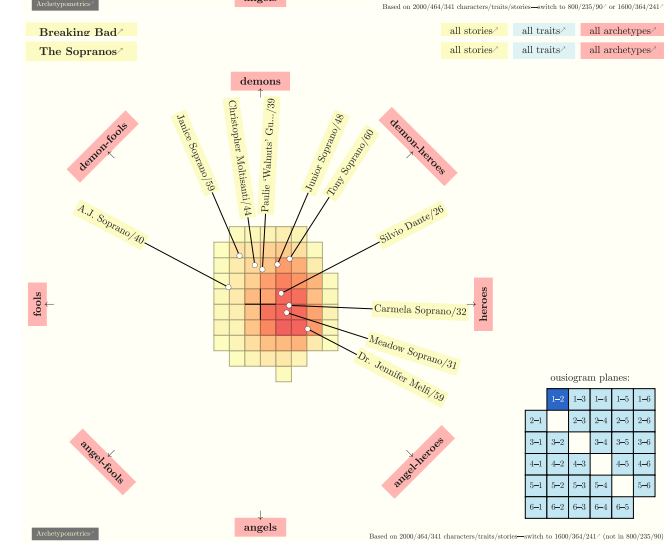
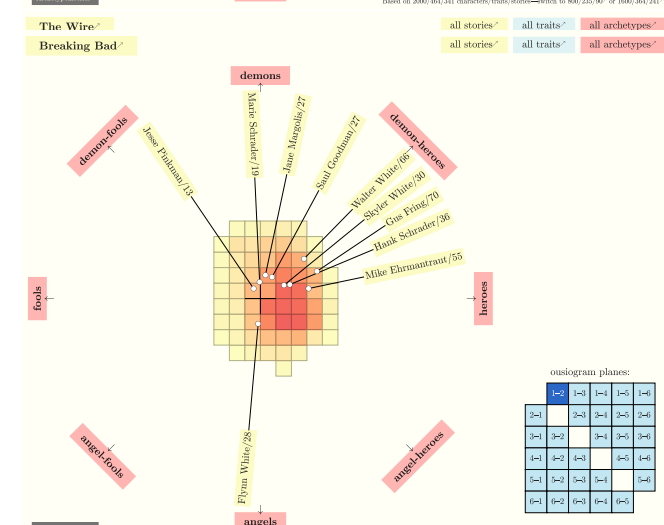
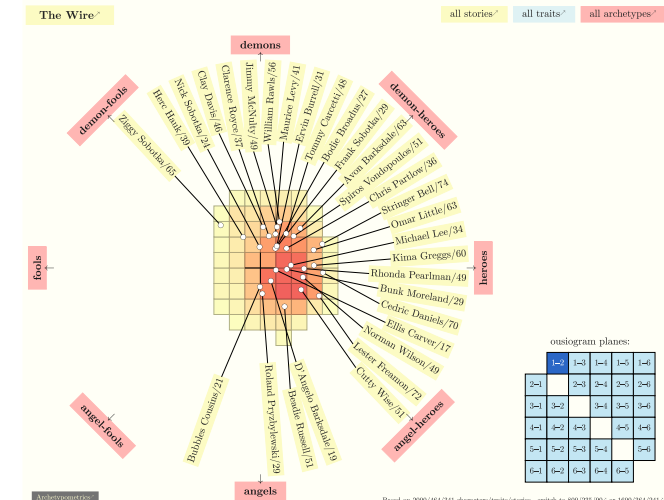
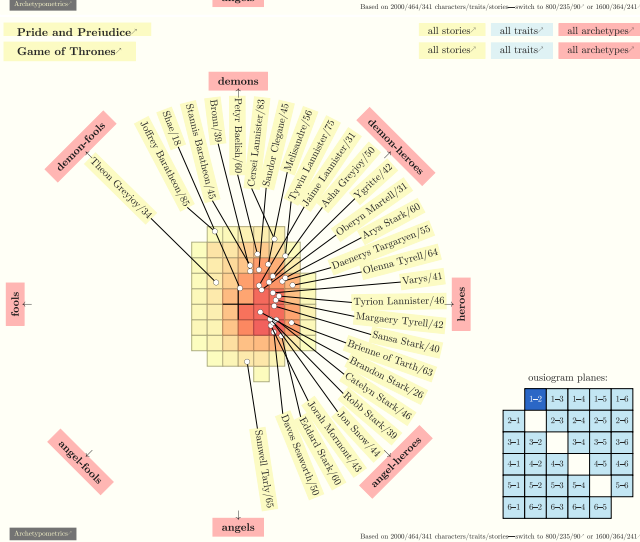
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Elizabeth Swann is Pratchett the Cat:

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.

https://en.wikipedia.org/wiki/Elizabeth_Swann

Elizabeth Swann is Pratchett the Cat:

Elizabeth Swann, Wikipedia, lightly adapted He freely speaks him 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.

https://en.wikipedia.org/wiki/Elizabeth_Swann

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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

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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

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