

# Ousiometrics: The Essence of Meaning

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Principles of Complex Systems,  
Vols. 1, 2, 3D, 4 Fourever, V for Vendetta

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- Measuring essential meaning
- History
- Definitions
- Emotions
- Revisiting the Revisiting of the Meaning of Meaning
- Problems
- Remeasuring meaning
- Ousiograms
- Extremousionyms
- Dimension names
- Safety bias
- Applications
- The Ousiometer
- Correspondences
- Nutshell
- Extras
- References

## Outline

- Measuring essential meaning
  - History
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  - Revisiting the Revisiting of the Measuring of Meaning
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## The meaning of meaning:



“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. [5]

Current version:  
<https://pdodds.w3.uvm.edu/share/true-dimensions-of-meaning-manuscript.pdf>

### What does meaning even mean?

- From the smack-tweeting Merriam-Webster:<sup>1</sup> “The thing that is conveyed especially by language”
- What are the essential characteristics of meaning?
- Does essential meaning meaningfully span some kind of space?

<sup>1</sup>Life goal: Never get owned by a dictionary on social media

### From pings to things:



“The Measurement of Meaning”  
 by Osgood, Suci, and Tannenbaum (1957). [15]

Osgood et al. used **semantic differentials** and **factor analysis** to identify a basis of three variables for meaning-space:

- Evaluation:** {bad ↔ good}
- Potency:** {weak ↔ strong}
- Activity:** {passive ↔ active}

100s of students, 50 semantic differentials, 10s of things.

“EPA framework”

### Side Main quest:



Meowsiometrics

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Seriously: Animal language. Why the slow roll?

## This is not easy:

### “Abed’s Uncontrollable Christmas”

- Abed searches for the meaning of Christmas (in stop animation)
- Abed Nadir: [opens present] “It’s the first season of Lost on DVD.”
- Pierce Hawthorne: “That’s the meaning of Christmas?”
- Abed Nadir: “It’s a metaphor. It represents lack of payoff.”

### “Introduction to Teaching”, S5E02 of Community

Abed Nadir: “I thought the meaning of people was somewhere in here. Then I looked inside Nicolas Cage and I found a secret—people are random and pointless.”

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## The meaning of pings:



“A factorial study of complex auditory stimuli (passive sonar sounds)”  
 L. M. Solomon,  
 Unpublished Doctoral Dissertation, University of Illinois, , 1954. [24]

### From the introduction:

“This study represents the convergence of three disparate areas of investigation in an attempt to analyze one of the many problems encountered in the study of human factors in undersea warfare.

The domains referred to are these:

- naval sonar,
- the nature of “meaning,”
- and multidimensional scaling techniques.

The problem may be stated as follows: In the detection and recognition of underwater sounds by the use of sonar equipment, what are the discriminative cues employed by the sonar operator?

More generally, what factors does the operator utilize in decoding the significance of sonar signals?

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### Definitions:

- Ousiometrics:** The quantitative study of the **essential meaningful components** of an entity, however perceived.
- Used in philosophical and theological settings, the word ‘ousia’ comes from Ancient Greek οὐσία.
- To be distinguished from semantics, semiotics, ...
- οὐσία is the etymological root of the word ‘essence’.
- Ousiometry, ousiometer, ousiograms, ...<sup>1</sup>
- Telegnomics:** The distant sensing of knowledge (~ distant reading [14])

<sup>1</sup>“Gretchen, stop trying to make fetch happen, it’s NOT going to happen!” — Regina George

### Semantic differentials from Osgood et al.: [15]

1. pleasant-unpleasant	18. large-small	36. colorful-colorless
2. repeated-varied	19. clean-dirty	37. hot-cold
3. smooth-rough	20. resting-busy	38. rich-thin
4. active-passive	21. dull-sharp	39. obvious-subtle
5. beautiful-ugly	22. deep-shallow	40. wide-narrow
6. definite-uncertain	23. gliding-scraping	41. deliberate-careless
7. low-high	24. familiar-strange	42. happy-sad
8. powerful-weak	25. soft-hard	43. gentle-violent
9. steady-fluttering	26. heavy-light	44. mild-intense
10. soft-loud	27. wet-dry	45. rounded-angular
11. full-empty	28. safe-dangerous	46. slow-fast
12. good-bad	29. concentrated-diffuse	47. rugged-delicate
13. rumbling-whining	30. pushing-pulling	48. simple-complex
14. solid-hollow	31. labored-easy	49. green-red
15. clear-hazy	32. dark-bright	50. masculine-feminine
16. calming-exciting	33. even-uneven	
17. pleasing-annoying	34. loose-tight	
	35. relaxed-tense	

## Essential dimensions captured by emotion:

- Late 1800s: Three dimensional representation of emotion postulated by Wundt. [25, 19]
- 1970s: Mehrabian and Russell explicitly port EPA framework: [9, 10]
  - Evaluation ~ Pleasure/Valence (~ Happiness)
  - Potency ~ Dominance
  - Activity ~ Arousal
- VAD has become standard nomenclature even though emotion is less general than meaning.
- Explicit presumption of independence of VAD dimensions, has hardened as fact.
- Intention that VAD  $\equiv$  EPA has become lost in literature. [2]

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“An approach to environmental psychology” by Mehrabian and Russell (1974). [9]

“The basic emotional impact of environments” Mehrabian and Russell, Perceptual and Motor Skills, **38**, 283–301, 1974. [10]

“Semantic differential studies, in particular, have shown that human judgments of diverse samples of stimuli can be characterized in terms of three dimensions: evaluation, activity, and potency. We have termed the corresponding emotional responses pleasure, arousal, and dominance.”

“Thus, each dimension is, in principle, functionally independent of the other two; none of the three dimensions could be subsumed by the others.”

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## Major problems with measuring essential meaning:

- Scale:** Originally 10s and 100s of words  $\rightarrow$  now 10,000s + online rating.
- The focus on types alone and not tokens:** Missing the forest for the book of tree species.
- The use of Likert scales for semantic differentials:** Solid but can be improved upon.
- Limitations of factor analysis for a large number of categorical dimensions:** Ousiograms will help sort things out.
- The misalignment between expert-chosen, end-point descriptors and dimensions of essential meaning:** How to guide raters to score VAD dimensions? Solution is to always perform factor analysis (SVD).

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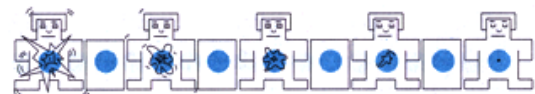
References

## 1999 ANEW study—three 1–9 scales: [4]

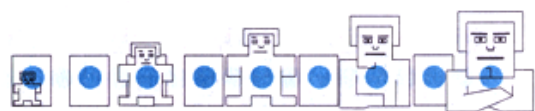
valence:



arousal:



dominance:



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## ANEW study: Valence ~ Happiness:

- Valence scale presented to participants as a ‘happy-unhappy scale.’
- Participants were further told:
  - “At one extreme of this scale, you are happy, pleased, satisfied, contented, hopeful ...
  - The other end of the scale is when you feel completely unhappy, annoyed, unsatisfied, melancholic, despaired, or bored.”
- The Hedonometer was always about essential meaning.

## We now know that ANEW is a no-no:

- Problem: Expert-chosen list of ~ 1,000 words.
- Fine words but poorly cover real texts [18].
- Wrongly suggests Arousal and Dominance are minimal relative to Valence.

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## LLMs encode semantic differentials:



“Semantic projection recovers rich human knowledge of multiple object features from word embeddings” Grand et al., Nature Human Behaviour, **6**, 975–987, 2022. [6]

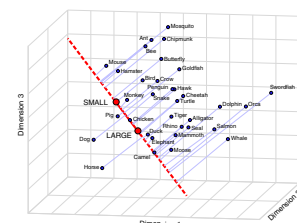


Fig. 11 Schematic illustration of semantic projection. Word-vectors in the category ‘animals’ (blue circles) are orthogonally projected (light-blue lines) onto the feature subspace for ‘size’ (red line), defined as the vector difference between large and small (red circles). The three dimensions in this figure are arbitrary and were chosen via principal component analysis to enhance visualization (the original GloVe word embedding has 300 dimensions, and projection happens in that space). For an animated version of this figure, see Supplementary Video 1.

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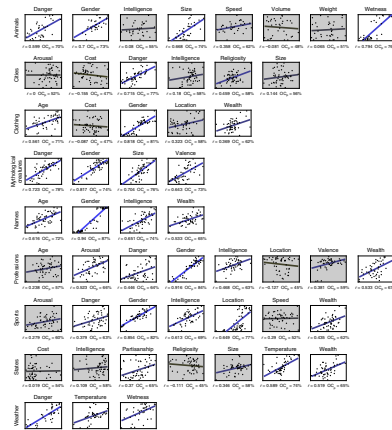


Fig. 41 Semantic projection predicts human judgments: detailed results. For each of 52 category-feature pairs, scatterplots show the relationship between scores of average human ratings across participants ( $n=25$  at each) and ratings predicted by semantic projection (x-axis). Correlation and pairwise order consistency (OC<sub>2</sub>) values are presented below each scatterplot. Experiments for which both of these measures were significant are shown over a white background. Straight lines are linear regression fits to the data and, across figures, vary according to correlation strength from black (weak) to blue (strong).

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## Re-measuring meaning:



“Obtaining reliable human ratings of valence, arousal, and dominance for 20,000 English words” Saif M. Mohammad, Proceedings of The Annual Conference of the Association for Computational Linguistics (ACL), **6**, 2018. [12]

## Moving beyond Likert scales:

- Best-worst scaling
- Ask raters to examine  $n$  things once, and choose the best and worst according to some criterion.
- For  $n = 4$ , there are 6 pair comparisons of Things.
- Choosing best and worst gives 5 orderings:  $\tau_1 > \tau_2, \tau_3 > \tau_4$ .
- Things end up with scores in  $[0, 1]$ .

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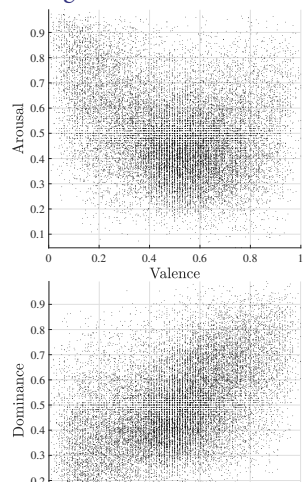
Fig. 21 Semantic projection predicts human judgments: sample cases. a. Examples of three features for the same category (animals). Notice that the items—for instance, dolphin versus tiger—change their similarities to one another depending on context (feature), and semantic projection recovers these cross-feature differences. In other words, the model does not recover the same relationships across features. b. Examples of three categories for the same feature (danger). Sample items are highlighted in red for illustrative purposes. For descriptive and inferential statistics, see Table 1. Each panel is based on data from  $n=25$  participants.

# NRC VAD Lexicon [12]

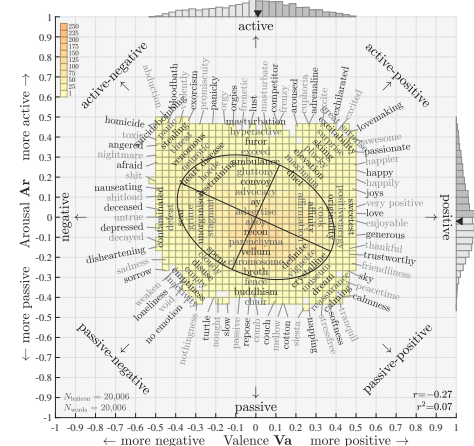
VAD endpoints:	Paradigm words and phrases presented to raters: [13]
highest valence	happiness, pleasure, positiveness, satisfaction, contentedness, hopefulness
lowest valence	unhappiness, annoyance, negativness, dissatisfaction, melancholy, despair
highest arousal	arousal, activeness, stimulation, frenzy, jitteriness, alertness
lowest arousal	unarousal, passiveness, relaxation, calmness, sluggishness, dullness, sleepiness
highest dominance	dominant, in control of the situation, powerful, influential, important, autonomous
lowest dominance	submissive, controlled by outside factors, weak, influenced, cared-for, guided

Major problem 5: Imposing dimensions through clouds of endpoint descriptors.

## The Delicious English Muffin of Meaning: 1



~ Valence-Arousal ousiogram for the NRC VAD lexicon ~



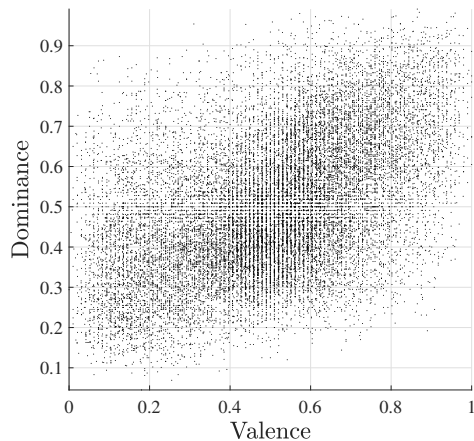
# NRC VAD study—20,006 words<sup>2</sup>:

## Numbersinaboxology format:

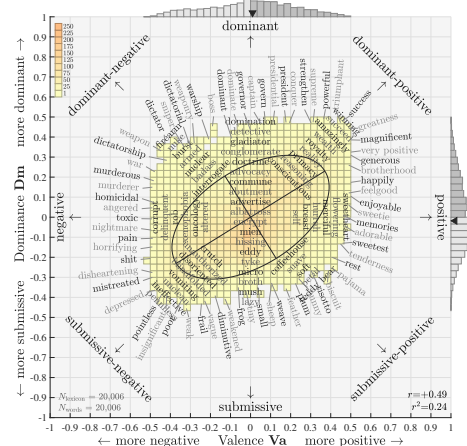
- 🌀 Scores stored in a  $3 \times 20,006$  matrix **A**.
- 🌀 Rows are scores for **Va**, **Ar**, and **Dm**.
- 🌀 Each column records VAD scores for a word, ordered alphabetically from 'aaaaaaah' [7] to 'zucchini'.
- 🌀 For SVD,  $\mathbf{A} = \mathbf{U}\mathbf{\Sigma}\mathbf{V}^T$ , and we have:
  - 🌀 **A** is of rank 3,
  - 🌀 **U** is  $3 \times 3$ ,
  - 🌀  $\mathbf{\Sigma}$  is  $3 \times 20,006$  (the heart of **A**),
  - 🌀 **V** is  $20,006 \times 20,006$
- 🌀 **U** and **V** transform bases and are orthogonal matrices ( $\mathbf{U}\mathbf{U}^T = \mathbf{U}^T\mathbf{U} = \mathbf{I}_3$  and  $\mathbf{V}\mathbf{V}^T = \mathbf{V}^T\mathbf{V} = \mathbf{I}_{20,006}$ )
- 🌀 What we will use:  $\sigma_1, \sigma_2$ , and  $\sigma_3$ , and **U**.

<sup>2</sup>Original study had 20,007 words. We removed one.

$$R(\mathbf{Dm}, \mathbf{Va}) \approx 0.488$$



~ Valence-Dominance ousiogram for the NRC VAD lexicon ~



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## Ruh-roh

Standard<sup>3</sup> correlations suggests a bit of [https://en.wiktionary.org/wiki/Barney\\_Rubble](https://en.wiktionary.org/wiki/Barney_Rubble) for orthogonality claims:

$$r_{\mathbf{Va}, \mathbf{Ar}} \approx -0.268,$$

$$r_{\mathbf{Ar}, \mathbf{Dm}} \approx +0.302,$$

$$r_{\mathbf{Dm}, \mathbf{Va}} \approx +0.488.$$

- 🌀 Compare these numbers with 0.

<sup>3</sup>Don't name fundamental scientific things after people.

## Release the Hounds by which we mean Singular Value Decomposition:

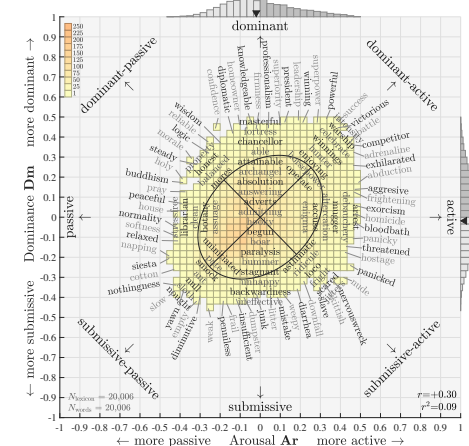
### Variance explained:

- 🌀 VAD: 44.4%, 28.0%, and 27.6%.
- 🌀 Apply SVD:  $\mathbf{A} = \mathbf{U}\mathbf{\Sigma}\mathbf{V}^T$
- 🌀 Singular values:  $\sigma_1 \approx 34.1, \sigma_2 \approx 27.2$ , and  $\sigma_3 \approx 13.8$ .
- 🌀 For what will be Goodness-Aggression-Structure (GAS): 55.6%, 35.3%, and 9.1%
- 🌀 Rotate **Gd-Ag** plane by  $-\pi/4$  for what will be Power-Danger-Structure (PDS): 45.5%, 45.5%, and 9.1%
- 🌀 Interpretability enhancements: Ousiograms.

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~ Arousal-Dominance ousiogram for the NRC VAD lexicon ~



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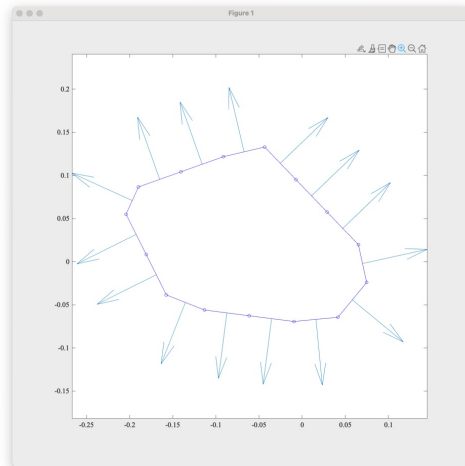
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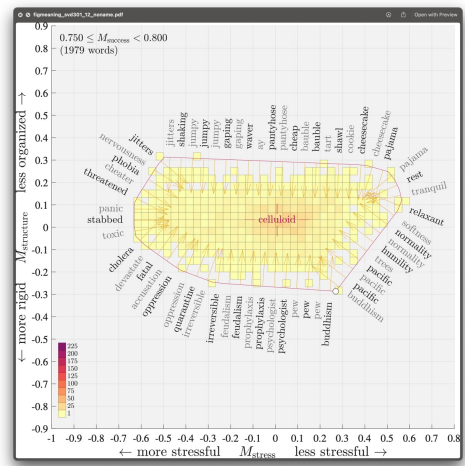
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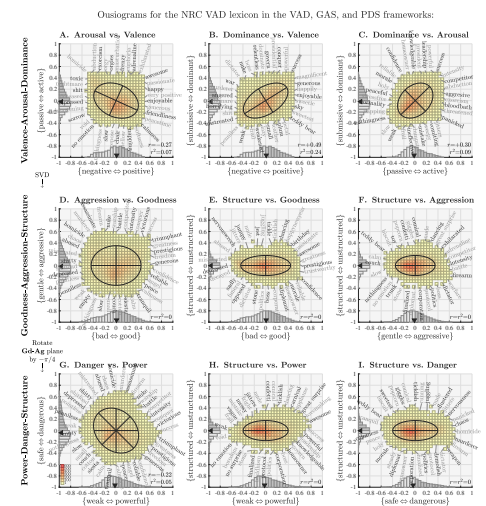


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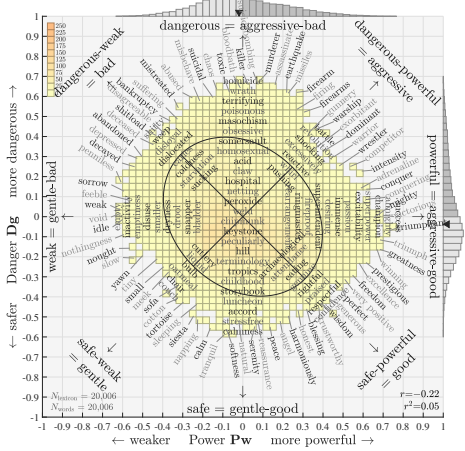


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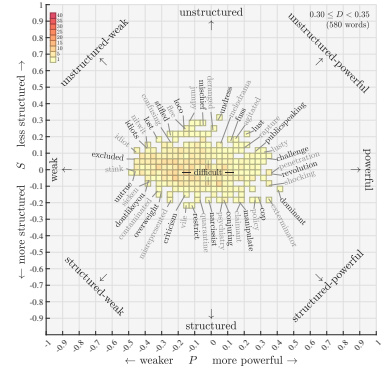
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~ Power-Danger ouisiogram for the NRC VAD lexicon ~



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### Ouisometric slices—MRIs of Meaning



Slices of Structure Flipbook  
Slices of Danger Flipbook  
Slices of Power Flipbook

### Extremonyms: Synonymy and Antonymy:

Safe-Powerful (Good) to Dangerous-Weak (Bad) axis:

Synonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
Anchor: wisdom	0.430	-0.198	0.371	0.579	-0.031	-0.158	0.388	-0.432	-0.158
educating	0.296	-0.225	0.340	0.529	-0.065	-0.167	0.336	-0.427	-0.167
healthy	0.438	-0.181	0.318	0.558	-0.047	-0.108	0.362	-0.428	-0.108
trustworthy	0.469	-0.185	0.324	0.589	-0.052	-0.100	0.379	-0.453	-0.100
reliable	0.412	-0.259	0.375	0.575	-0.076	-0.202	0.353	-0.460	-0.202

Antonymy:

Antonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
bullshit	-0.458	0.176	-0.317	-0.575	0.046	0.095	-0.373	0.439	0.095
shitty	-0.480	0.179	-0.337	-0.604	0.042	0.100	-0.397	0.456	0.100
nonsense	-0.438	0.160	-0.324	-0.558	0.026	0.101	-0.376	0.413	0.101
weeping	-0.418	0.188	-0.332	-0.549	0.042	0.131	-0.359	0.418	0.131
shame	-0.440	0.170	-0.345	-0.572	0.023	0.120	-0.388	0.421	0.120
diarrhea	-0.408	0.184	-0.357	-0.552	0.023	0.151	-0.374	0.407	0.151

Powerful (Aggressive-Good) to Weak (Gentle-Bad) axis:

Synonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
Anchor: success	0.459	0.380	0.481	0.571	0.501	0.095	0.758	-0.050	0.095
almighty	0.438	0.374	0.458	0.543	0.487	0.098	0.728	-0.040	0.098
triumphant	0.449	0.337	0.472	0.565	0.462	0.073	0.726	-0.072	0.073
champion	0.390	0.380	0.445	0.494	0.492	0.087	0.698	-0.001	0.087
victorious	0.384	0.386	0.446	0.489	0.499	0.087	0.698	0.007	0.087

Antonymy:

Antonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
sorrow	-0.418	-0.265	-0.336	-0.509	-0.329	-0.127	-0.593	0.127	-0.127
tastelss	-0.452	0.442	0.025	-0.444	-0.450	-0.092	-0.576	0.092	-0.092
idle	0.321	-0.333	-0.388	-0.414	-0.434	-0.068	-0.600	-0.014	-0.068
empty	-0.312	-0.317	-0.419	-0.419	-0.439	-0.033	-0.610	-0.011	-0.033
void	-0.365	-0.337	-0.370	-0.443	-0.420	-0.103	-0.611	0.016	-0.103

### Extremonyms: Synonymy and Antonymy:

Dangerous-Powerful (Aggressive) to Safe-Weak (Gentle) axis:

Synonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
Anchor: volcanic	-0.156	0.410	0.281	-0.061	0.515	-0.045	0.222	0.407	-0.045
shelling	-0.163	0.417	0.273	-0.072	0.518	-0.039	0.316	0.417	-0.039
artillery	-0.150	0.412	0.294	-0.050	0.523	-0.050	0.335	0.405	-0.050
wild	-0.188	0.422	0.250	-0.105	0.514	-0.032	0.289	0.438	-0.032
rifles	-0.163	0.364	0.265	-0.068	0.470	-0.062	0.284	0.380	-0.062

Antonymy:

Antonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
couch	0.094	-0.418	-0.302	-0.002	-0.524	0.025	-0.372	-0.369	0.025
mellow	0.133	-0.431	-0.235	0.066	-0.504	0.009	-0.310	-0.403	-0.009
pillow	0.163	-0.372	-0.305	0.049	-0.498	0.085	-0.317	-0.387	0.085
tortoise	0.173	-0.422	-0.250	0.092	-0.511	0.025	-0.297	-0.427	0.025
quilt	0.143	-0.377	-0.274	0.048	-0.482	0.052	-0.307	-0.375	0.052
cotton	0.139	-0.429	-0.260	0.059	-0.517	0.012	-0.324	-0.407	0.012

Dangerous (Aggressive-Bad) to Safe (Gentle-Good) axis:

Synonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
Anchor: homicide	-0.490	0.473	0.018	-0.485	0.478	0.011	-0.005	0.681	0.011
killer	-0.459	0.471	0.043	-0.446	0.485	0.008	0.028	0.658	0.008
psychopath	-0.400	0.443	0.036	-0.446	0.458	-0.003	0.009	0.640	-0.003
bloodied	-0.452	0.442	0.025	-0.444	0.450	0.008	0.004	0.633	0.008
violated	-0.439	0.470	0.019	-0.440	0.468	0.033	0.020	0.642	0.033

Antonymy:

Antonymy	Valence	Arousal	Dominance	Goodness	Aggression	Structure	Power	Danger	Structure
natural	0.354	-0.382	-0.019	0.354	-0.382	-0.026	-0.020	-0.520	-0.026
tranquil	0.417	-0.406	-0.145	0.351	-0.480	0.078	-0.091	-0.588	0.078
softness	0.375	-0.414	-0.098	0.338	-0.455	0.021	-0.082	-0.561	0.021
serenity	0.400	-0.378	0.057	0.429	-0.345	-0.054	0.060	-0.547	-0.054
comfortable	0.427	-0.337	0.027	0.406	-0.361	0.039	0.032	-0.542	0.039
calmness	0.434	-0.395	-0.106	0.383	-0.453	0.065	-0.049	-0.591	0.065

### Etymological, taxonomic, and nomenclatural madneses:

- Physics: Power was once sometimes called Activity
- Danger and Dominance trace back to Dominus (~ lord/ruler/person of power)
- Framing words for EPA, VAD, etc., matter greatly.

### Other descriptors that don't hold up:

- Success-Stress-Structure.
- Energy/Flourishing/Thriving-Threat
- Power-Order/Chaos-Gravity/Seriousness

### After much staring at the ceiling:

- Goodness-Aggression-Structure (GAS) (okay)
- Power-Danger-Structure (PDS) (also okay)

### Connections between meaning dimensions:

$$\begin{bmatrix} Gd \\ Ag \\ St \end{bmatrix} = U^T \begin{bmatrix} Va \\ Ar \\ Dm \end{bmatrix} \approx \begin{bmatrix} +0.86 & -0.15 & +0.48 \\ -0.16 & +0.83 & +0.54 \\ +0.48 & +0.55 & -0.69 \end{bmatrix} \begin{bmatrix} Va \\ Ar \\ Dm \end{bmatrix}$$

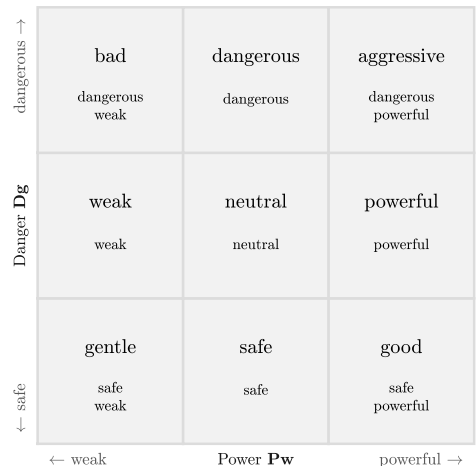
$$\begin{bmatrix} Pw \\ Dg \\ St \end{bmatrix} = R_{\pi/4} \begin{bmatrix} Gd \\ Ag \\ St \end{bmatrix} = \frac{1}{\sqrt{2}} \begin{bmatrix} 1 & 1 & 0 \\ -1 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} Gd \\ Ag \\ St \end{bmatrix}$$

$$\begin{bmatrix} Pw \\ Dg \\ St \end{bmatrix} = R_{\pi/4} U^T \begin{bmatrix} Va \\ Ar \\ Dm \end{bmatrix} \approx \begin{bmatrix} +0.53 & +0.45 & +0.72 \\ -0.70 & +0.71 & +0.07 \\ +0.48 & +0.55 & -0.69 \end{bmatrix} \begin{bmatrix} Va \\ Ar \\ Dm \end{bmatrix}$$

$$\begin{bmatrix} Va \\ Ar \\ Dm \end{bmatrix} = UR_{-\pi/4} \begin{bmatrix} Pw \\ Dg \\ St \end{bmatrix} \approx \begin{bmatrix} +0.53 & -0.70 & +0.48 \\ +0.45 & +0.71 & +0.55 \\ +0.72 & +0.07 & -0.69 \end{bmatrix} \begin{bmatrix} Pw \\ Dg \\ St \end{bmatrix}$$

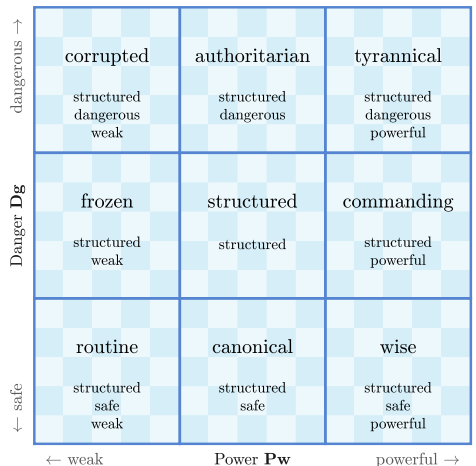
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# Neutral Structure



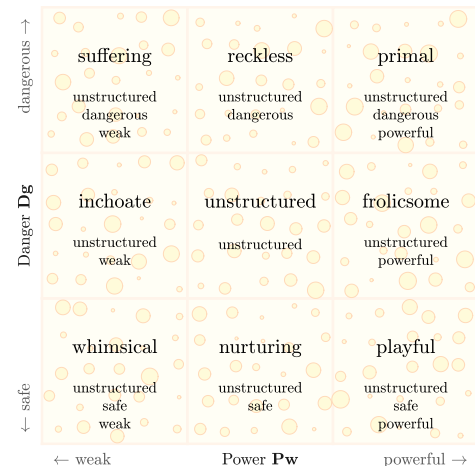
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# Structured



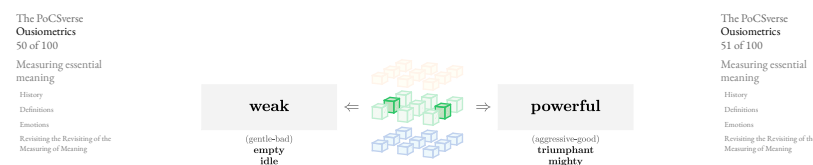
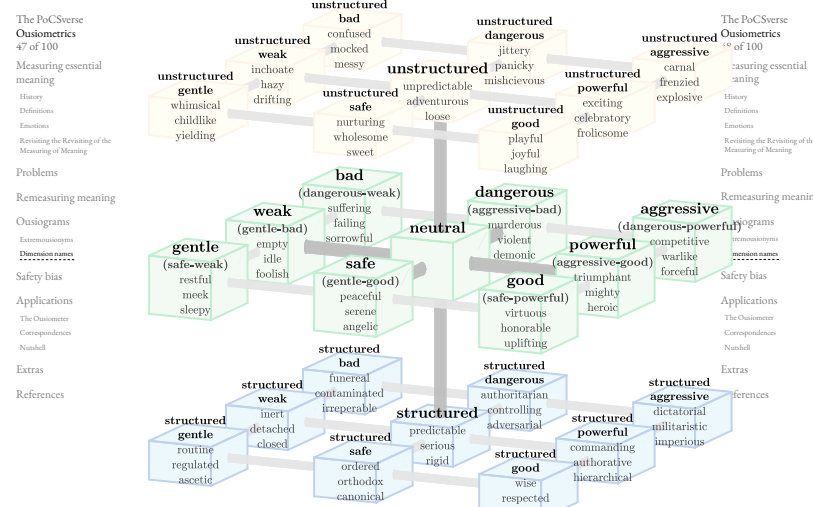
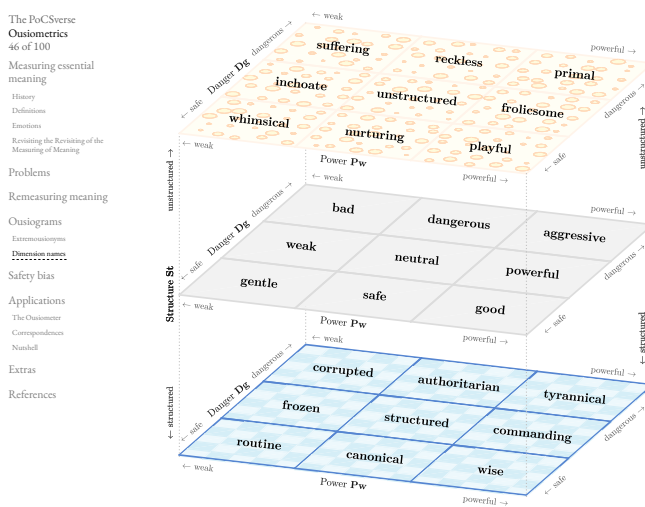
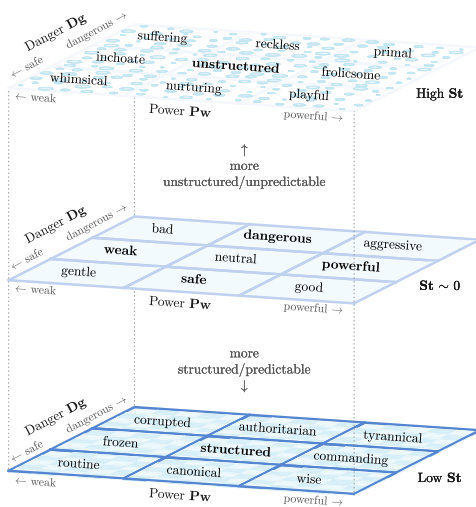
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# Unstructured



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Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St	Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St
1. calmness	77.1	77.9	7.9	0.99	-0.05	-0.59	0.07	1. homicide	89.0	89.0	178.0	-1.00	-0.01	0.68	0.01
2. tranquility	76.7	78.3	11.6	0.98	-0.09	-0.59	0.08	2. murderer	88.5	89.9	169.9	-0.98	-0.08	0.08	-0.09
3. relaxed	73.7	75.5	12.5	0.98	-0.11	-0.56	0.05	3. abduction	86.5	88.4	169.9	-0.97	0.14	0.66	-0.06
4. softness	73.2	74.1	8.6	0.99	-0.08	-0.56	0.02	4. murderous	86.3	88.6	168.8	-0.97	0.10	0.66	-0.12
5. calm	72.7	73.3	12.0	0.98	-0.10	-0.56	0.07	5. wild/delombing	86.2	87.1	171.5	-0.99	0.08	0.66	-0.06
6. relaxed	72.0	73.3	10.8	0.98	-0.10	-0.55	0.03	6. killer	86.0	86.1	172.5	-1.00	0.03	0.66	0.01
7. peace	71.8	74.3	14.9	0.97	0.14	-0.55	0.06	7. dangerous	85.9	87.6	168.8	-0.98	-0.09	0.66	-0.10
8. serenity	71.5	72.3	8.4	0.99	0.06	-0.55	0.05	8. assassinate	85.9	89.6	163.4	-0.96	0.16	0.66	-0.11
9. comfortable	70.8	71.1	5.3	1.00	0.03	-0.54	0.04	9. terrorist	85.1	87.4	168.8	-0.97	0.10	0.65	-0.12
10. peaceful	70.8	72.7	12.3	0.97	0.13	-0.54	0.01	10. gunfight	85.0	88.0	165.1	-0.97	0.14	0.65	-0.10
11. peaceful	69.6	70.7	10.3	0.98	0.05	-0.53	0.00	11. gunshot	85.0	87.1	167.4	-0.98	0.11	0.65	-0.09
12. stress-free	69.1	70.1	9.7	0.99	-0.01	-0.53	0.00	12. terrorism	84.9	87.2	167.0	-0.97	0.13	0.65	-0.07
13. reassurance	68.5	70.1	12.5	0.98	0.08	-0.52	0.00	13. aggressive	84.8	86.2	168.8	-0.98	0.11	0.65	-0.05
14. natural	67.9	68.1	3.6	1.00	-0.02	-0.52	0.03	14. terrorists	84.5	87.1	165.7	-0.97	0.14	0.65	-0.08
15. sky	67.8	70.4	15.6	0.96	0.03	-0.52	0.14	15. tsunami	84.3	86.7	176.4	-0.97	0.12	0.65	-0.10
16. harmony	66.7	68.4	13.0	0.97	0.10	-0.51	0.06	16. violate	83.9	84.0	176.6	-1.00	0.02	0.64	0.03
17. relaxation	66.4	67.6	10.9	0.98	-0.06	-0.51	0.08	17. bloodbath	83.8	84.2	174.2	-0.99	-0.01	0.64	0.06
18. tranquility	65.3	65.6	5.4	1.00	-0.01	-0.50	0.00	18. slaughter	83.7	84.3	173.2	-0.99	0.07	0.64	-0.04
19. relaxing	64.4	64.5	6.7	1.00	-0.01	-0.49	0.00	19. psychopath	83.3	83.5	179.2	-1.00	0.01	0.64	0.00
20. bedtime	64.4	66.3	15.9	0.96	-0.11	-0.49	0.09	20. hell	83.3	83.6	175.8	-1.00	0.01	0.64	-0.05

Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St	Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St
1. couch	68.4	68.5	2.8	1.00	-0.37	-0.37	0.03	1. battle	78.8	77.4	172.7	-0.99	0.41	0.42	-0.08
2. cotton	67.5	68.0	6.6	0.99	-0.32	-0.41	0.01	2. warship	73.9	76.9	163.9	-0.96	0.36	0.44	-0.15
3. tortoise	66.8	67.9	10.6	0.98	-0.30	-0.43	0.03	3. firepower	72.1	72.3	175.7	-1.00	0.37	0.44	-0.03
4. mellow	65.9	66.4	7.5	0.99	-0.31	-0.40	-0.01	4. counterattack	71.8	74.0	166.1	-0.97	0.30	0.48	-0.04
5. positive	65.5	67.9	15.2	0.97	-0.31	-0.39	0.12	5. bang	70.5	74.4	163.7	-0.96	0.27	0.40	-0.03
6. pillow	65.1	66.3	11.2	0.98	-0.32	-0.39	0.00	6. warrior	69.4	72.2	163.9	-0.96	0.45	0.30	-0.11
7. lawn	63.1	65.3	15.0	0.97	-0.30	-0.39	0.11	7. anything	68.3	68.9	172.4	-0.99	0.33	0.44	-0.05
8. quilt	63.0	63.7	8.3	0.99	-0.31	-0.37	0.05	8. dominant	67.9	70.1	165.5	-0.97	0.41	0.33	-0.12
9. chair	62.2	62.5	5.3	1.00	-0.33	-0.40	0.04	9. tornado	67.8	70.9	162.8	-0.98	0.28	0.46	-0.09
10. sleeping	61.6	64.5	17.3	0.95	-0.25	-0.44	0.00	10. sheltering	67.6	68.5	171.1	-0.99	0.32	0.42	-0.04
11. asleep	61.6	61.8	4.8	1.00	-0.31	-0.36	-0.01	11. hurricanes	67.4	69.7	165.4	-0.97	0.29	0.44	-0.08
12. sofa	61.0	61.0	2.5	1.00	-0.32	-0.34	-0.01	12. volcanic	67.3	68.0	171.7	-0.99	0.32	0.44	-0.04
13. sleepy	60.3	60.4	3.8	1.00	-0.31	-0.34	0.02	13. wild	67.1	68.6	167.9	-0.98	0.29	0.44	-0.03
14. meek	59.7	60.5	9.2	0.99	-0.27	-0.38	0.03	14. showdown	66.2	68.9	163.8	-0.96	0.26	0.46	0.02
15. subtle	59.5	62.4	17.6	0.95	-0.25	-0.39	0.11	15. revenge	66.1	66.2	165.8	-1.00	0.37	0.35	-0.03
16. minimized	58.9	61.1	15.4	0.96	-0.41	-0.23	0.02	16. gunslinger	66.0	67.8	166.5	-0.97	0.31	0.40	-0.10
17. peer	58.9	60.6	13.7	0.97	-0.29	-0.37	0.08	17. fighting	65.8	68.1	165.4	-0.97	0.29	0.43	-0.08
18. napkin	58.5	60.4	14.3	0.97	-0.40	-0.24	-0.01	18. explode	65.4	68.2	163.8	-0.96	0.27	0.44	-0.08
19. teacup	57.9	58.5	8.3	0.99	-0.27	-0.36	0.02	19. overbearing	65.1	68.2	162.8	-0.96	0.33	0.37	-0.15
20. sheep	57.9	60.2	16.0	0.96	-0.35	-0.29	0.12	20. combat	65.0	67.0	163.8	-0.96	0.31	0.40	-0.14

Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St	Word	Comp. Size	Size	Angle	Cos.	Pw	Dg	St	
1. weak	80.0	80.2	3.6	1.00	-0.61	0.03	0.02	1. success	95.1	95.0	100.0	171.9	-0.99	0.76	-0.05	0.10
2. void	79.7	80.9	9.7	0.99	-0.61	0.02	-0.10	2. almighty	95.1	96.1	171.7	-0.99	0.73	-0.04	0.10	
3. empty	79.7	79.8	3.3	1.00	-0.61	-0.01	0.03	3. triumphant	94.8	95.8	171.9	-0.99	0.73	-0.07	0.07	
4. penniless	79.4	82.6	15.9	0.96	-0.61	0.17	-0.02	4. awesome	92.9	96.0	165.4	-0.97	0.71	-0.06	0.18	
5. idle	78.3	78.9	6.6	0.99	-0.60	-0.01	-0.07	5. victorious	91.2	91.9	172.9	-0.99	0.70	0.01	0.09	
6. sloth	77.6	78.5	9.0	0.99	-0.59	-0.05	-0.08	6. champion	91.1	91.8	172.9	-0.99	0.70	-0.00	0.09	
7. nothingness	77.5	80.4	15.4	0.96	-0.59	-0.09	-0.14	7. powerful	90.7	90.8	178.1	-1.00	0.69	-0.02	0.02	
8. sorrow	77.4	80.9	16.9	0.96	-0.59	0.13	-0.13	8. triumph	89.3	91.4	167.7	-0.98	0.68	-0.12	0.09	
9. insignificant	75.7	78.4	15.1	0.97	-0.58	0.15	-0.04	9. greatness	89.3	92.2	165.8	-0.97	0.68	-0.10	0.07	
10. hopeless	75.7	78.0	13.8	0.97	-0.58	0.14	-0.04	10. supreme	87.8	89.4	169.3	-0.98	0.67	-0.10	0.08	
11. tasteless	75.3	76.3	9.6	0.99	-0.58	0.03	-0.09	11. winning	87.4	90.0	166.3	-0.97	0.67	-0.16	0.01	
12. absent	74.7	75.0	4.9	1.00	-0.57	0.03	-0.04	12. richness	86.4	87.2	172.3	-0.99	0.66	-0.04	0.08	
13. hairless	74.3	75.4	9.5	0.99	-0.57	0.07	-0.07	13. breathtaking	86.4	87.8	169.4	-0.98	0.66	-0.00	0.08	
14. sluggish	74.0	73.8	12.3	0.98	-0.57	-0.07	-0.07	14. winner	85.7	88.2	166.3	-0.97	0.66	-0.10	0.12	
15. thought	73.6	76.7	16.2	0.96	-0.56	-0.16	-0.04	15. mighty	85.3	85.6	175.3	-1.00	0.65	-0.01	0.05	
16. dull	73.4	75.9	14.6	0.97	-0.56	-0.05	-0.14	16. invincible	85.0	85.7	172.7	-0.99	0.65	-0.00	0.08	
17. unhelpful	73.1	75.6	14.8	0.97	-0.56	0.15	-0.02	17. liberation	84.7	86.8	167.2	-0.98	0.65	-0.08	0.12	
18. boring	73.0	73.2	4.4	1.00	-0.56	0.03	-0.04	18. successful	84.6	87.0	166.5	-0.97	0.65	-0.13	0.04	
19. feeble	73.0	73.8	8.3	0.99	-0.56	0.08	-0.01	19. victory	83.9	85.9	167.5	-0.98	0.64	-0.14	0.04	
20. bored	72.1	74.3	14.1													

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Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. shabby	77.5	80.1	10.2	0.98	-0.40	0.46	0.10
2. shitload	77.5	78.0	6.2	0.99	-0.41	0.41	0.06
3. bankruptcy	77.4	78.7	10.5	0.98	-0.38	0.40	0.07
4. depressed	75.5	78.6	16.1	0.96	-0.53	0.29	-0.01
5. sweepy	75.1	77.0	12.6	0.98	-0.41	0.38	0.12
6. suffering	75.1	77.1	13.2	0.97	-0.33	0.49	0.10
7. bulshit	75.0	76.3	10.5	0.98	-0.37	0.44	0.07
8. disagreeable	74.7	75.5	8.2	0.99	-0.39	0.42	0.08
9. shame	74.6	76.3	12.1	0.98	-0.39	0.42	0.12
10. deceased	74.4	74.8	6.2	0.99	-0.45	0.36	0.01
11. abandoned	74.1	76.5	14.5	0.97	-0.50	0.30	0.03
12. weep	73.9	74.7	8.5	0.99	-0.41	0.39	0.08
13. mourn	73.7	74.0	9.0	0.99	-0.42	0.36	0.07
14. neglect	73.5	74.2	8.2	0.99	-0.45	0.35	0.02
15. excluded	73.3	74.8	11.6	0.98	-0.46	0.33	0.06
16. nauseate	72.9	74.2	10.6	0.98	-0.38	0.41	0.10
17. shit	72.8	74.4	11.6	0.98	-0.31	0.48	-0.00
18. untrust	72.5	73.6	9.7	0.99	-0.43	0.33	-0.01
19. nauseating	72.5	72.9	6.1	0.99	-0.33	0.43	0.02
20. idiot	72.3	74.5	13.9	0.97	-0.45	0.33	0.11

Word

Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. perfect	78.8	79.2	10.7	-0.98	0.49	-0.35	-0.04
2. virtuous	77.6	77.7	11.7	-1.00	0.43	-0.41	-0.02
3. freedom	77.5	81.1	16.2	-0.96	0.55	-0.29	0.03
4. trustworthy	76.9	78.3	10.9	-0.98	0.38	-0.40	-0.10
5. very positive	75.8	78.2	16.0	-0.97	0.51	-0.31	0.04
6. wisdom	75.7	78.5	16.4	-0.96	0.39	-0.43	0.16
7. greatly positive	75.6	78.5	16.4	-0.96	0.52	-0.30	0.02
8. honorable	74.7	75.1	11.7	-0.99	0.43	-0.38	0.00
9. positivity	74.1	77.2	16.5	-0.96	0.52	-0.28	-0.01
10. positive	73.9	75.8	10.2	-0.98	0.49	-0.31	-0.02
11. guarantee	73.0	74.0	11.0	-0.99	0.37	-0.42	0.08
12. healthy	72.9	74.5	10.8	-0.98	0.36	-0.43	-0.11
13. respectful	72.8	73.5	12.6	-0.99	0.40	-0.39	-0.06
14. optimistic	72.6	76.0	16.9	-0.96	0.51	-0.28	0.05
15. brotherhood	72.2	72.5	11.4	-1.00	0.42	-0.36	0.04
16. blessing	71.8	75.0	16.4	-0.96	0.52	-0.36	-0.13
17. favorable	71.4	71.7	11.8	-1.00	0.38	-0.40	-0.05
18. great trust	71.2	73.8	16.8	-0.97	0.49	-0.28	-0.02
19. goodness	69.9	71.3	16.6	-0.98	0.30	-0.45	-0.02
20. virtuous	69.5	70.4	11.1	-0.99	0.39	-0.36	-0.08

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Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. centuary	37.8	38.6	11.3	0.98	0.05	-0.03	-0.29
2. archdiocese	37.3	37.8	8.7	0.99	0.01	-0.04	-0.29
3. psychologist	35.7	36.3	11.0	0.98	-0.04	-0.04	-0.27
4. staid	34.2	35.8	17.4	0.95	-0.06	-0.06	-0.26
5. criterion	34.1	35.7	16.9	0.96	0.08	0.02	-0.26
6. metropolitan	33.6	34.8	14.6	0.97	0.08	0.03	-0.26
7. monastic	32.9	34.4	16.8	0.96	0.01	0.08	-0.25
8. district	30.6	31.8	16.1	0.96	0.00	-0.07	-0.23
9. iron	29.9	31.1	16.0	0.96	0.01	-0.06	-0.23
10. coding	29.7	30.8	15.0	0.97	0.02	-0.06	-0.23
11. clinical	29.0	30.3	16.8	0.96	0.02	0.06	-0.22
12. dictation	28.9	29.7	13.3	0.97	0.04	-0.04	-0.22
13. feudal	27.4	28.2	13.1	0.97	-0.05	0.01	-0.21
14. conservatism	27.1	27.3	5.8	0.99	-0.01	-0.02	-0.21
15. utilitarian	26.8	27.2	9.8	0.99	-0.00	-0.04	-0.21
16. ground	26.7	27.8	16.6	0.96	-0.05	-0.03	-0.20
17. taxonomy	26.2	26.7	11.3	0.98	-0.01	0.04	-0.20
18. tense	24.8	25.6	14.9	0.97	0.03	0.04	-0.19
19. indurate	24.7	25.0	8.7	0.99	0.01	-0.03	-0.19
20. elegance	69.5	70.4	11.1	-0.99	0.33	-0.03	-0.19

Word

Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. plaything	48.3	42.0	16.3	-0.96	-0.01	-0.09	0.31
2. archdiocese	37.3	37.8	8.7	0.99	0.01	-0.04	-0.29
3. yannan	36.1	36.3	17.4	-0.99	0.02	0.02	0.28
4. drum	35.4	34.9	10.9	-0.98	0.03	0.08	0.26
5. clown	34.3	35.1	18.4	-0.98	-0.02	-0.05	0.26
6. bobbed	34.2	34.9	10.9	-0.98	-0.01	-0.05	0.26
7. potpourri	33.3	34.5	16.8	0.96	0.01	0.08	0.25
8. jump rope	33.0	33.9	16.8	-0.97	0.06	-0.01	0.25
9. laughable	32.9	34.5	17.6	-0.99	-0.04	0.01	0.25
10. shhhhhhh	32.9	34.5	17.6	-0.99	-0.06	0.08	0.25
11. weeeee	32.7	34.0	16.7	-0.96	-0.06	0.04	0.25
12. yankee	32.5	32.9	13.8	-0.99	0.00	-0.04	0.25
13. baneful	31.8	33.2	18.3	-0.98	-0.02	-0.07	0.24
14. sycrazy	31.4	32.8	18.3	-0.98	-0.04	-0.06	0.24
15. serpentine	30.5	31.0	16.8	-0.99	0.02	0.04	0.23
16. yo-yo	29.9	30.1	17.3	-0.99	0.00	0.03	0.23
17. jamhorse	28.7	28.7	17.3	-1.00	0.00	0.01	0.22
18. clown	28.4	28.7	16.2	-0.96	0.05	0.04	0.22
19. storehouse	28.0	28.7	16.7	-0.98	0.01	-0.05	0.21
20. disdain	27.9	28.2	16.4	-0.97	0.01	-0.03	0.21

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Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. budblith	55.1	55.1	9.3	0.99	-0.05	-0.37	-0.32
2. mused	51.5	52.1	8.5	0.99	0.00	-0.28	-0.28
3. edgy	51.2	53.6	17.3	0.95	-0.06	-0.35	-0.20
4. naked	50.4	52.8	17.4	0.95	0.10	-0.32	-0.22
5. conservatory	46.3	48.5	17.4	0.95	0.11	-0.27	-0.23
6. alphabet	45.4	45.4	2.5	1.00	-0.21	-0.25	-0.35
7. marble	45.1	45.5	7.7	0.99	0.03	-0.27	-0.22
8. statue	44.7	46.5	16.4	0.96	-0.09	-0.27	-0.22
9. commonly	44.4	46.2	16.2	0.96	-0.07	-0.30	-0.18
10. headline	43.5	44.8	14.4	0.97	0.07	-0.26	-0.21
11. full	42.4	43.7	14.1	0.97	0.08	-0.23	-0.23
12. document	41.7	42.2	8.5	0.99	0.04	-0.21	-0.21
13. sector	41.6	43.2	16.1	0.96	-0.09	-0.28	-0.17
14. documentary	41.2	42.8	14.8	0.97	-0.01	-0.28	-0.16
15. intricate	40.6	40.8	5.8	0.99	-0.03	-0.21	-0.23
16. uniform	39.9	40.0	4.8	1.00	0.00	-0.22	-0.21
17. therapeutic	39.2	41.0	17.1	0.96	0.08	-0.24	-0.19
18. habit	39.1	40.9	16.8	0.96	-0.01	-0.28	-0.15
19. storehouse	38.8	39.5	10.3	0.98	-0.04	-0.23	-0.19
20. unitary	38.8	38.9	4.1	1.00	-0.01	-0.22	-0.20

Word

Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. budblith	65.4	66.9	16.7	-0.98	0.02	0.28	0.43
2. bishop	63.0	64.4	18.1	-0.98	0.06	0.40	0.28
3. edgy	61.6	64.2	16.5	-0.96	-0.06	0.42	0.24
4. naked	60.5	61.9	10.8	-0.98	-0.06	0.38	0.27
5. conservatory	58.7	60.0	10.1	-0.98	-0.09	0.35	0.27
6. alphabet	58.1	60.1	16.7	-0.98	-0.08	0.33	0.28
7. marble	58.1	59.9	10.6	-0.99	0.07	0.36	0.27
8. statue	57.2	59.5	16.4	-0.96	-0.09	0.37	0.25
9. commonly	56.8	57.0	17.4	-1.00	0.04	0.31	0.30
10. headline	55.6	58.2	16.9	-0.96	-0.13	0.31	0.29
11. deranged	53.3	54.1	17.0	-0.99	0.01	0.34	0.24
12. mischief	53.1	53.6	17.2	-0.99	0.00	0.39	0.27
13. intricate	51.1	51.9	10.9	-0.98	-0.04	0.32	0.23
14. naughty	49.5	50.0	17.9	-0.99	0.10	0.28	0.26
15. envious	47.1	49.6	16.8	-0.96	-0.06	0.32	0.20
17. gambling	47.1	48.4	18.4	-0.98	-0.03	0.39	0.21
18. miffy	46.7	48.1	13.9	-0.98	-0.02	0.38	0.22
19. saucer	46.7	48.1	16.6	-0.97	0.02	0.39	0.21
20. legislator	46.4	47.2	10.8	-0.98	-0.06	0.26	0.24

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1. desk	47.4	48.8	13.7	0.97	-0.21	-0.26	-0.14
2. elder	46.0	46.1	3.6	1.00	-0.22	-0.20	-0.19
3. mm	45.7	47.3	15.0	0.97	-0.24	-0.25	-0.13
4. notebook	44.3	44.6	7.2	0.99	-0.21	-0.19	-0.17
5. dime	43.5	45.5	12.1	0.98	-0.23	-0.20	-0.14
6. blueprint	42.8	43.8	12.3	0.98	-0.22	-0.22	-0.13
7. lineal	42.3	43.3	12.2	0.98	-0.11	-0.24	-0.15
8. baseboard	41.5	43.5	17.5	0.95	-0.26	-0.14	-0.15
9. regular	41.2	42.3	13.3	0.97	-0.14	-0.17	-0.24
10. sample	40.3	41.4	12.6	0.97	-0.11	-0.23	-0.13
11. point	40.2	41.1	12.0	0.98	-0.20	-0.21	-0.12
12. wrench	40.2	41.6	15.2	0.97	-0.16	-0.13	-0.24
13. standstill	39.5	39.5	3.8	1.00	-0.17	-0.16	-0.19
14. shingle	39.1	39.9	17.4	0.95	-0.20	-0.22	-0.16
15. neutrality	39.1	39.7	10.3	0.98	-0.20	-0.18	-0.13
16. monk	38.6	39.1	9.6	0.99	-0.20	-0.18	-0.13
17. ancient	38.4	39.2	11.7	0.98	-0.22	-0.14	-0.15
18. monogram	38.2	38.2	12.7	0.98	-0.20	-0.19	-0.12
19. march	38.2	39.4	14.3	0.97	-0.14	-0.23	-0.14
20. zen	38.0	38.0	12.6	0.98	-0.19	-0.20	-0.11

Word

Word	Comp. Size	Site	Angle	Cos.	Pw	Dg	St
1. sexual	61.7	63.6	16.5	-0.97	0.26	0.26	0.19

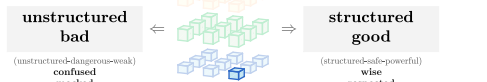
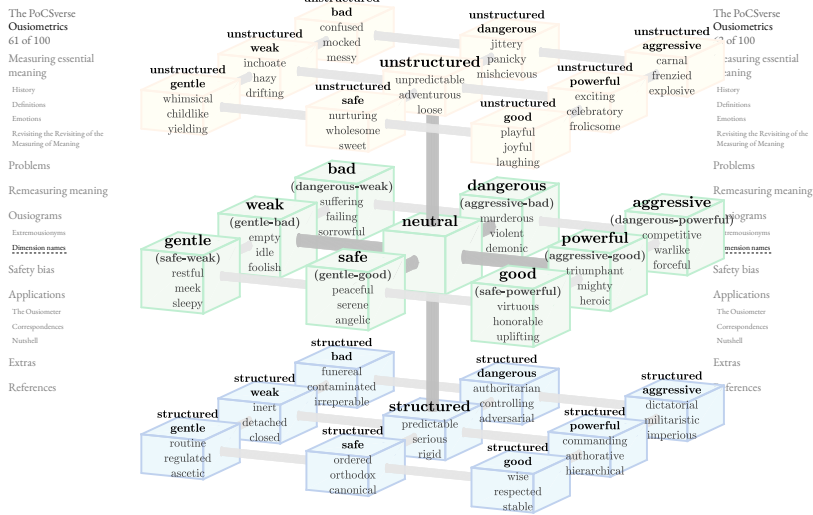


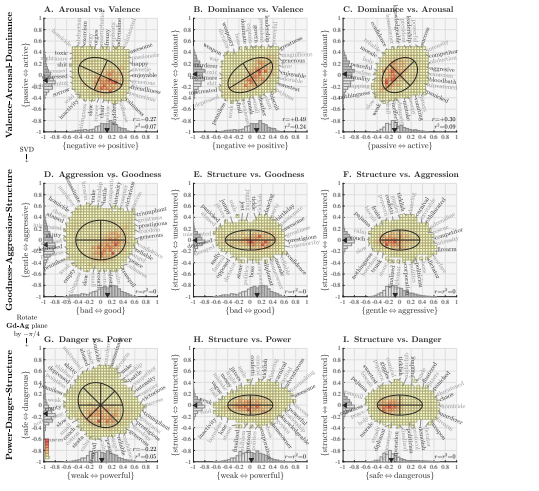
Table with 2 columns of word lists. The first column lists words like 'slavish', 'skittish', 'vomiting', etc. The second column lists words like 'confidence', 'reliable', 'wise', etc. Each word is accompanied by numerical statistics.



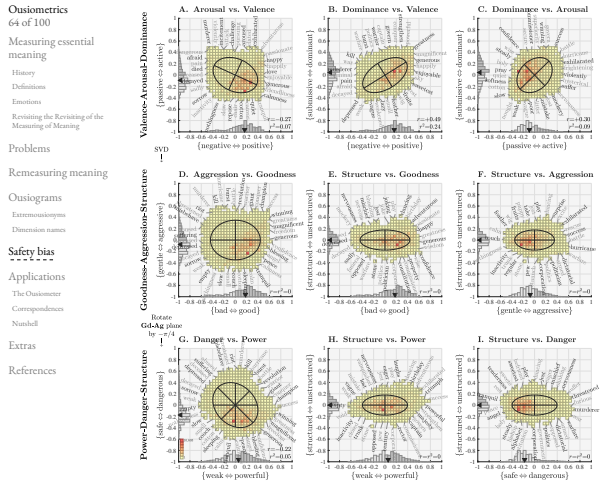
- Analysis so far is for a lexicon of types: Each word counts once.
- Must consider how words are used in real texts by frequency: Tokens.
- Rebuild ousiograms with usage frequency incorporated.
- A set of distinct corpora:
  - English fiction from Google Books (120 years). [11, 16]
  - Jane Austen's novels.
  - Sherlock Holmes stories.
  - New York Times (20 years). [21]
  - Wikipedia (2019/03). [22]
  - RadioTalk: Transcriptions of talk radio. [3]
  - Twitter through Storywangler. [1]

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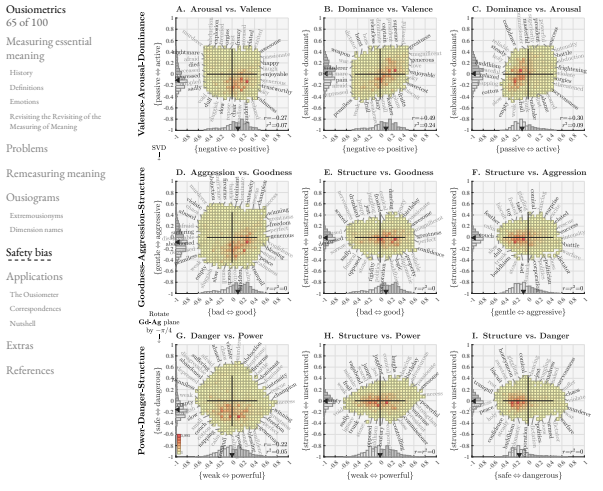
Ousiograms for English fiction in the VAD, GAS, and PDS frameworks:



Ousiograms for Jane Austen's novels in the VAD, GAS, and PDS frameworks:



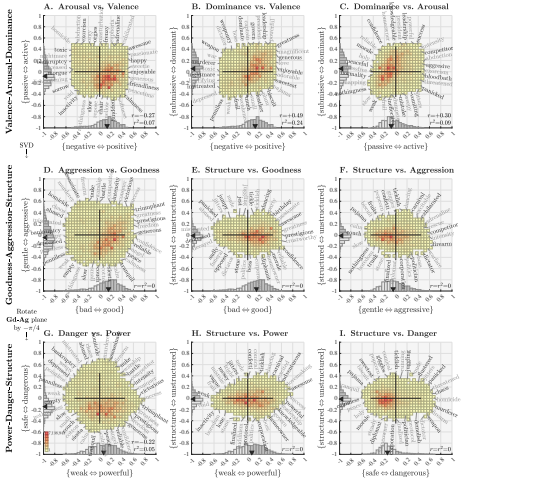
Ousiograms for Sherlock Holmes in the VAD, GAS, and PDS frameworks:



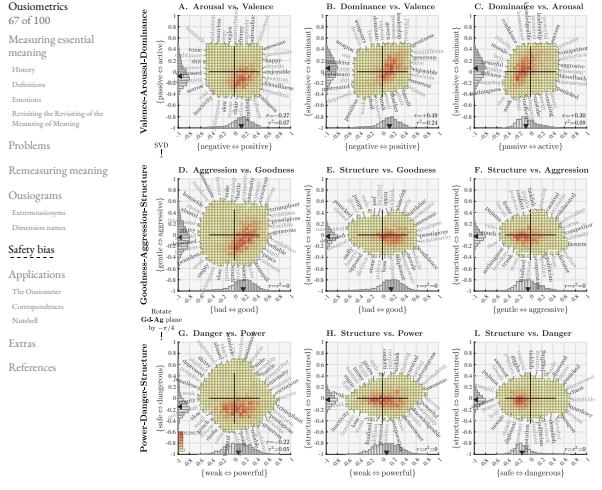
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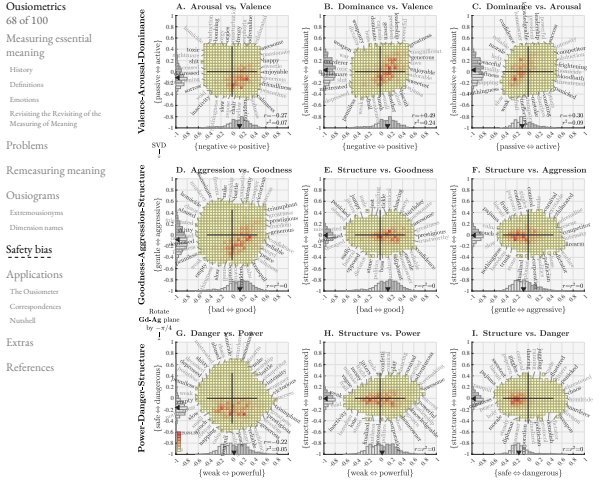
Ousiograms for the New York Times in the VAD, GAS, and PDS frameworks:



Ousiograms for Wikipedia in the VAD, GAS, and PDS frameworks:

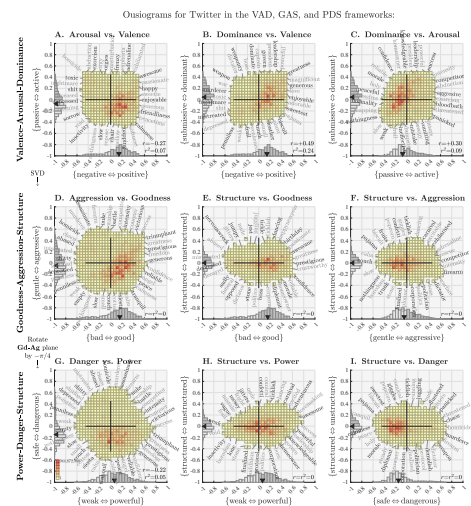


Ousiograms for RadioTalk in the VAD, GAS, and PDS frameworks:

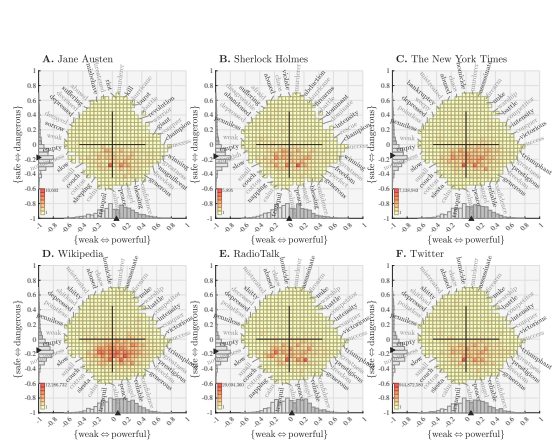


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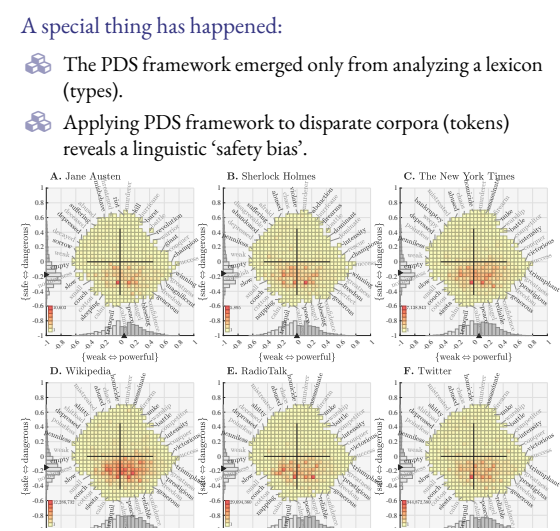
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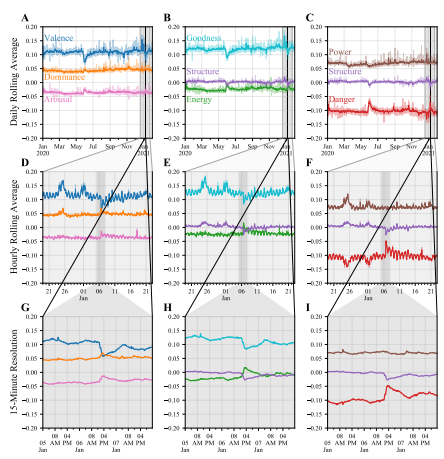


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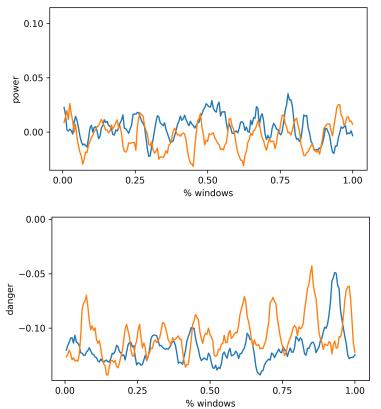
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Prototype ousiometer—Twitter:



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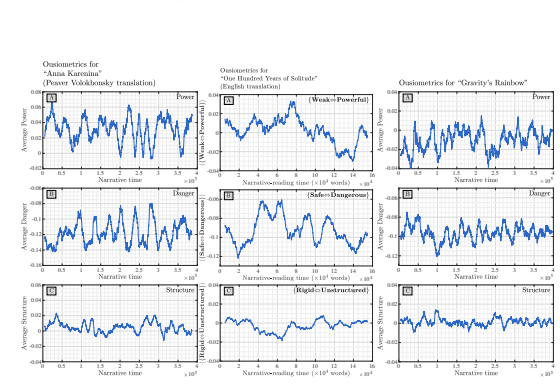
Prototype ousiometer—Harry Potter:



Blue: Harry Potter and the Half-Blood Prince  
 Orange: Harry Potter and the Deathly Hallows

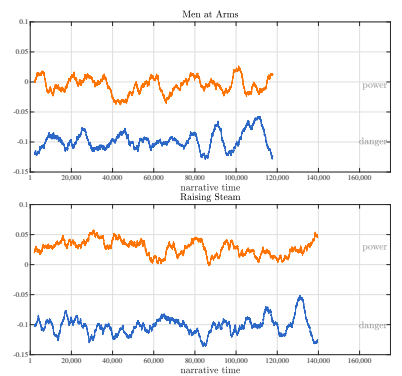
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Power and Danger time series for books:

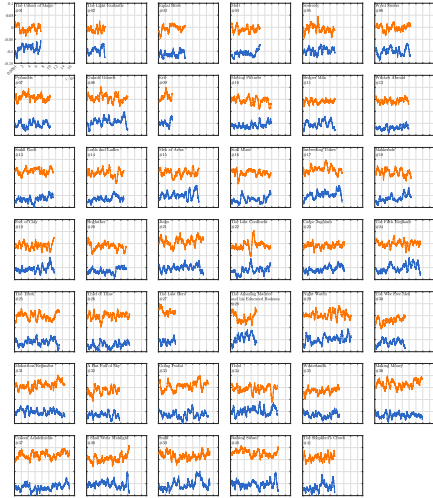


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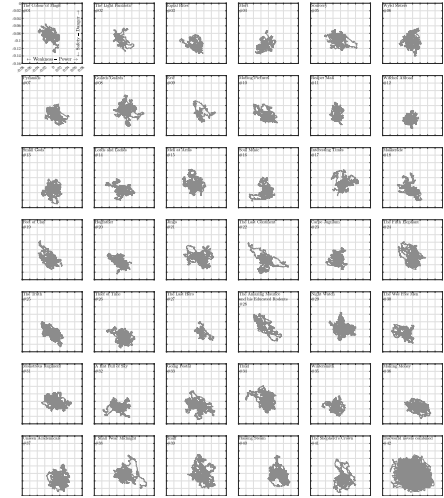
Prototype ousiometer—Terry Pratchett's Discworld:



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## Confusion and Conflation:



“Pleasure, arousal, dominance: Mehrabian and Russell revisited”  
Bakker et al.,  
Current Psychology, **33**, 405–421, 2014. [2]

🔗 Test whether EPA and VAD match.

🔗 Explore historical problems of defining end point descriptors for meaning dimensions.

## References III

- [6] G. Grand, I. A. Blank, F. Pereira, and E. Fedorenko. Semantic projection recovers rich human knowledge of multiple object features from word embeddings. *Nature Human Behaviour*, 6(7):975–987, 2022. [pdf](#)
- [7] T. J. Gray, C. M. Danforth, and P. S. Dodds. Hahahahaha, Duuuuude, Yeeessss!: A two-parameter characterization of stretchable words and the dynamics of mistypings and misspellings, 2019. Available online at <https://arxiv.org/abs/1907.03920>. [pdf](#)
- [8] D. R. Heise. Semantic differential profiles for 1,000 most frequent English words. *Psychological Monographs: General and Applied*, 79(8):1, 1965. [pdf](#)

## References VI

- [15] C. Osgood, G. Suci, and P. Tannenbaum. The Measurement of Meaning. University of Illinois, Urbana, IL, 1957.
- [16] E. A. Pechenick, C. M. Danforth, and P. S. Dodds. Characterizing the Google Books corpus: Strong limits to inferences of socio-cultural and linguistic evolution. *PLoS ONE*, 10:e0137041, 2015. [pdf](#)
- [17] C. S. S. Peirce. Prolegomena to an apology for pragmatism. *The Monist*, 16(4):492–546, 1906. [pdf](#)

## References I

- [1] T. Alshaabi, J. L. Adams, M. V. Arnold, J. R. Minot, D. R. Dewhurst, A. J. Reagan, C. M. Danforth, and P. S. Dodds. Storywangler: A massive exploratorium for sociolinguistic, cultural, socioeconomic, and political timelines using Twitter. *Science Advances*, 7:eabe6534, 2021. [pdf](#)
- [2] I. Bakker, T. Van Der Voordt, P. Vink, and J. De Boon. Pleasure, arousal, dominance: Mehrabian and Russell revisited. *Current Psychology*, 33:405–421, 2014. [pdf](#)
- [3] D. Beeferman, W. Brannon, and D. Roy. RadioTalk: A large-scale corpus of talk radio transcripts. *arXiv preprint arXiv:1907.07073*, 2019. [pdf](#)

## References IV

- [9] A. Mehrabian and J. A. Russell. An Approach to Environmental Psychology. MIT Press, 1974.
- [10] A. Mehrabian and J. A. Russell. The basic emotional impact of environments. *Perceptual and Motor Skills*, 38:283–301, 1974. [pdf](#)
- [11] J.-B. Michel, Y. K. Shen, A. P. Aiden, A. Veres, M. K. Gray, The Google Books Team, J. P. Pickett, D. Hoiberg, D. Clancy, P. Norvig, J. Orwant, S. Pinker, M. A. Nowak, and E. A. Lieberman. Quantitative analysis of culture using millions of digitized books. *Science Magazine*, 331:176–182, 2011. [pdf](#)

## References VII

- [18] A. J. Reagan, B. F. Tivnan, J. R. Williams, C. M. Danforth, and P. S. Dodds. Sentiment analysis methods for understanding large-scale texts: A case for using continuum-scored words and word shift graphs. *EPJ Data Science*, 6, 2017. [pdf](#)
- [19] R. Reisenzein. Wundt’s three-dimensional theory of emotion. *Poznan Studies in the Philosophy of the Sciences and the Humanities*, 75:219–250, 2000.
- [20] J. A. Russell. A circumplex model of affect. *Journal of Personality and Social Psychology*, 39:1161, 1980. [pdf](#)

## References II

- [4] M. M. Bradley and P. J. Lang. Affective norms for English words (ANEW): Stimuli, instruction manual and affective ratings. Technical report c-1, University of Florida, Gainesville, FL, 1999.
- [5] 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](#)

## References V

- [12] S. M. Mohammad. Obtaining reliable human ratings of valence, arousal, and dominance for 20,000 English words. In *Proceedings of The Annual Conference of the Association for Computational Linguistics (ACL)*, Melbourne, Australia, 2018. [pdf](#)
- [13] S. M. Mohammad. Word affect intensities. In *Proceedings of the 11th Edition of the Language Resources and Evaluation Conference (LREC-2018)*, Miyazaki, Japan, 2018. [pdf](#)
- [14] F. Moretti. Distant Reading. Verso, New York, 2013.

## References VIII

- [21] E. Sandhaus. The New York Times Annotated Corpus. Linguistic Data Consortium, Philadelphia, 2008. Available online at: <https://doi.org/10.35111/77ba-9x74>.
- [22] I. Semenov. Wikipedia word frequency, 2019. <https://github.com/IlyaSemenov/wikipedia-word-frequency>, accessed 2021/04/02.
- [23] C. E. Shannon. A mathematical theory of communication. *The Bell System Tech. J.*, 27:379–423, 623–656, 1948. [pdf](#)

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**References**

- [24] L. M. Solomon.  
A factorial study of complex auditory stimuli (passive sonar sounds).  
[Unpublished Doctoral Dissertation, University of Illinois, 1954. pdf ↗](#)
- [25] W. M. Wundt.  
[Grundriss der Psychologie.](#)  
Kröner, 1922.

