

Charity Bot

A Bot That Recommends Charities Relevant to Reddit Posts

The Other Side of Social Media

- Subreddit where interactions/questions are encouraged/prerequisite
- Questions on how to help/contribute are common

Posted by u/kaileescales 10 days ago

 Moderator's Choice Award     4   6  2      2  

I am Kailee Scales, Managing Director for Black Lives Matter. Ask me anything.



Newsworthy Event

  [-] [agentdanascullyfbi](#)  Moderator 3505 points 3 days ago

For those who can't physically protest and may not be able to financially donate to many causes, what is the most important thing we can do to be supporting the BLM movement?

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  [-] [kaileescales](#) [S] 5549 points 3 days ago   

  I really appreciate this question, not everyone can be on the front lines. I think staying vigilant on the road to

Many Similar Examples

IamA homeless person AMA!

submitted 6 hours ago by [OceanWidePuddleDeep](#)


 [-] [peachkernelator](#) 8 points 6 hours ago

 [-] [swartzcr](#) **NOAH SWARTZ** 439 points 5 years ago

What do you feel can be done to help other activists who have been imprisoned (such as Barrett Brown, Chelsea Manning, and to a lesser extent Jeremy Hammond), and how do you feel about the government using laws like the CFAA to silence these types of activists while simultaneously trying to extend its reach by citing recent hackings against US corporations (e.g. Sony)?

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What if you aren't in the US?

 I would feel better if) Edit: What can I do if I live outside of the US?
Im not going to accep [permalink](#) [embed](#) [save](#)
that. We quite literally

i have a mat inside.
ugh! Thank you for

FCC just voted to kill Net Press & friends. AMA

 **NON-PROFIT / PHILANTHROPY**

submitted 2 years ago * by [FPGauravLaroia](#) **GAURAV LAROIA** 🏆 2

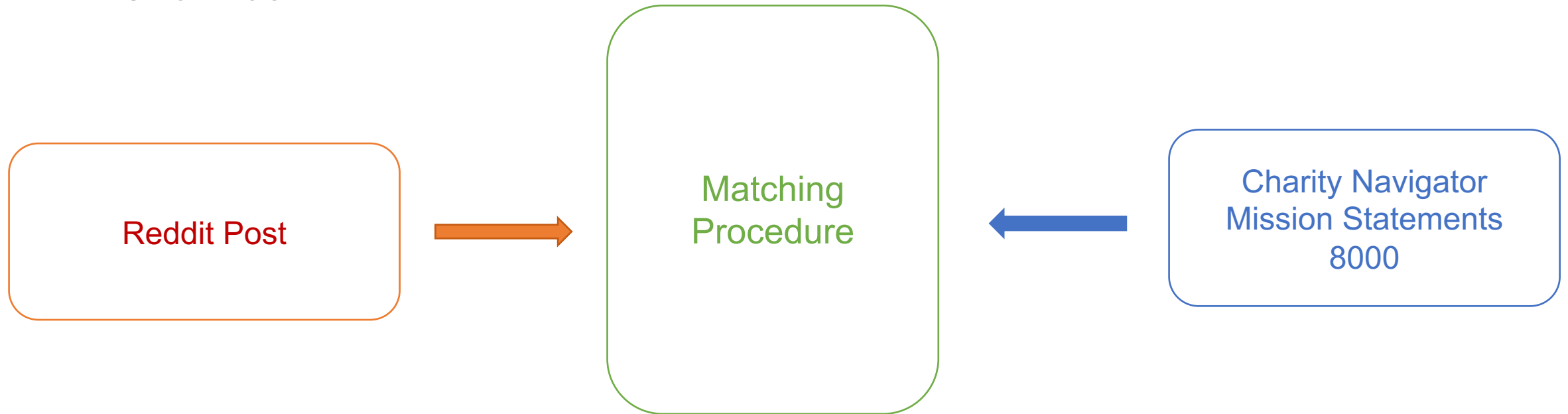
 [-] [Sinow_](#) 1666 points 2 years ago

 As a run-of-the-mill American citizen, what can I do to help at this point?

[permalink](#) [embed](#) [save](#)

Bot: Suggest Relevant Charities

- Bot: When invoked (!charitybot)
 - Charities



- Demonstration



Matching Procedures

- Starting Point:
 - TFIDF – Cosine Similarity
 - Subjectively: Matching Well

Tests

Tests

Sample Mission Statement

- “Founded in 1952, the Arizona-Sonora Desert Museum is dedicated to the conservation of the Sonoran Desert. Its mission is to inspire people to live in harmony with the natural world by fostering love, appreciation, and understanding of the Sonoran Desert.”
- If user writes:
 - How do I contribute to a “Museum [that] is dedicated to the conservation of the Sonoran Desert.”

Tests Approach

Take mission statement (orgID: 9731)

“Founded in 1952, the Arizona-Sonora Desert Museum is dedicated to the conservation of the Sonoran Desert. Its mission is to inspire people to live in harmony with the natural world by fostering love, appreciation, and understanding of the Sonoran Desert.”



Museum is dedicated to the conservation of the Sonoran Desert

Mission Statement orgID: 1

Mission Statement orgID: 2

.

Mission Statement orgID N



orgID: 9731

3 TYPES of TESTS

Lack of Detail

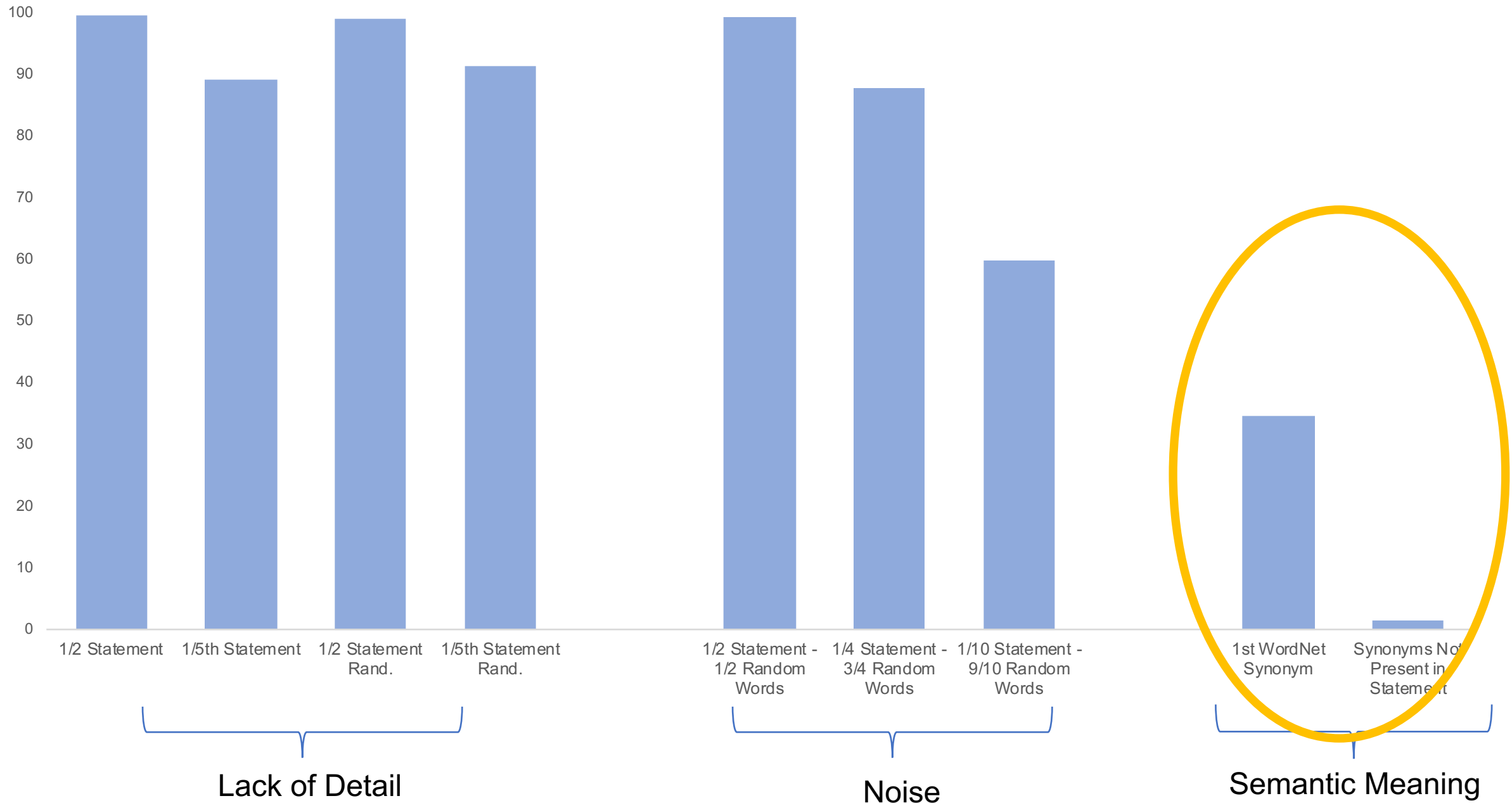
Founded in 1952, the

Noise

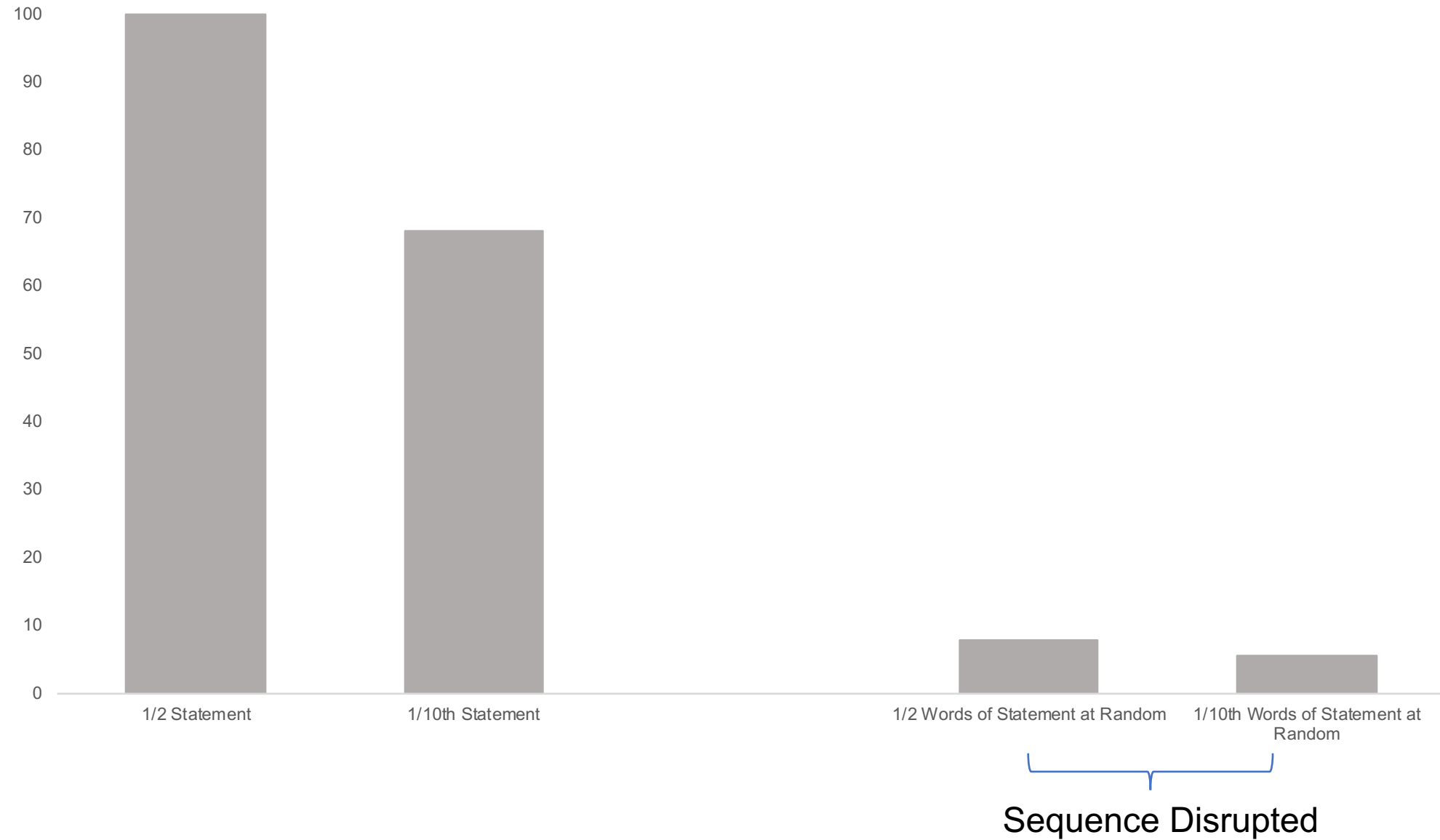
Semantic Meaning

Founded in 1952, the Arizona-Sonora Desert Museum is dedicated to the conservation of the Sonoran Desert. Its mission is to inspire people to live in harmony with the natural world by fostering love, appreciation, and understanding of the Sonoran Desert.

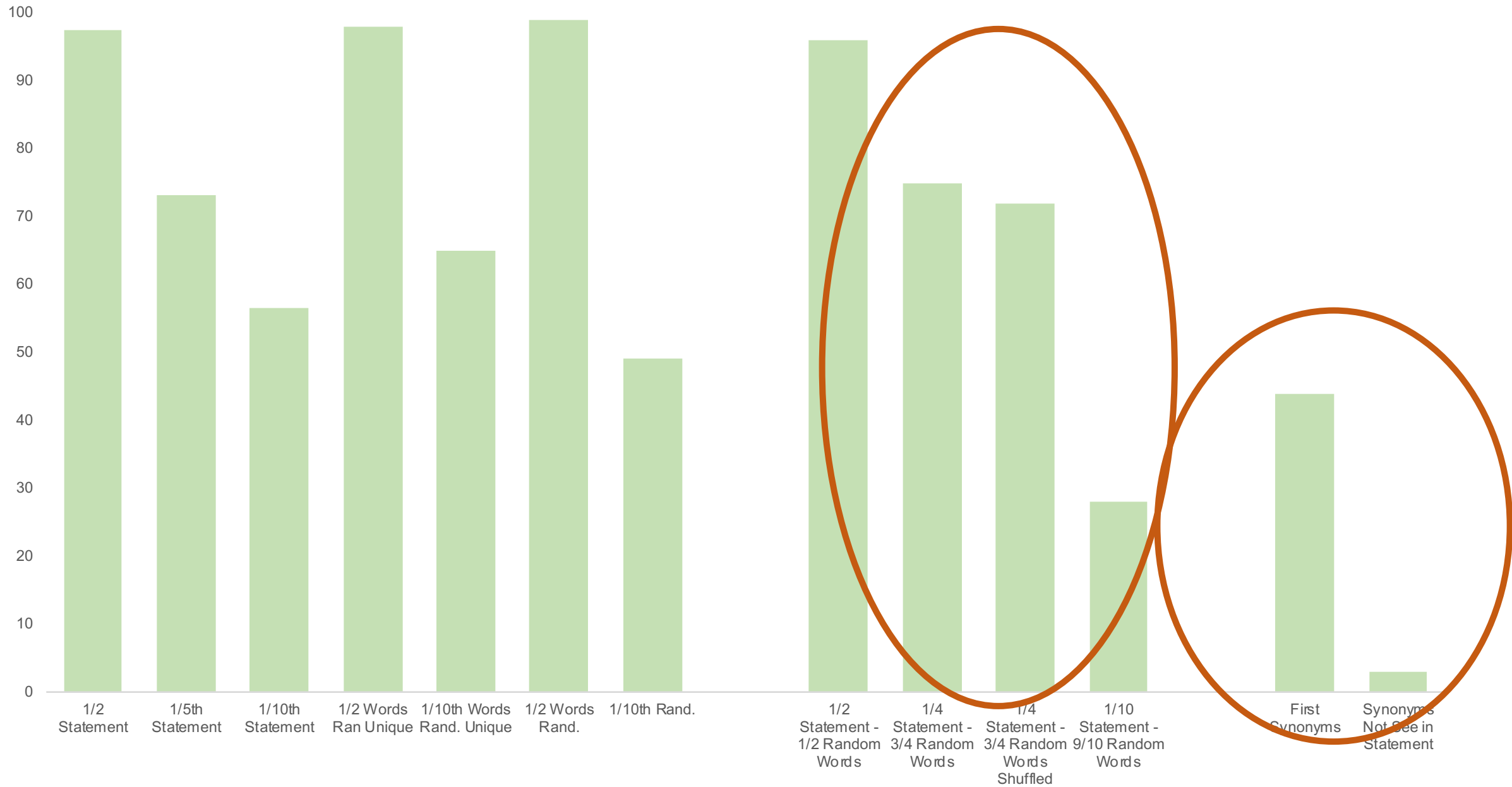
Tests: TFIDF



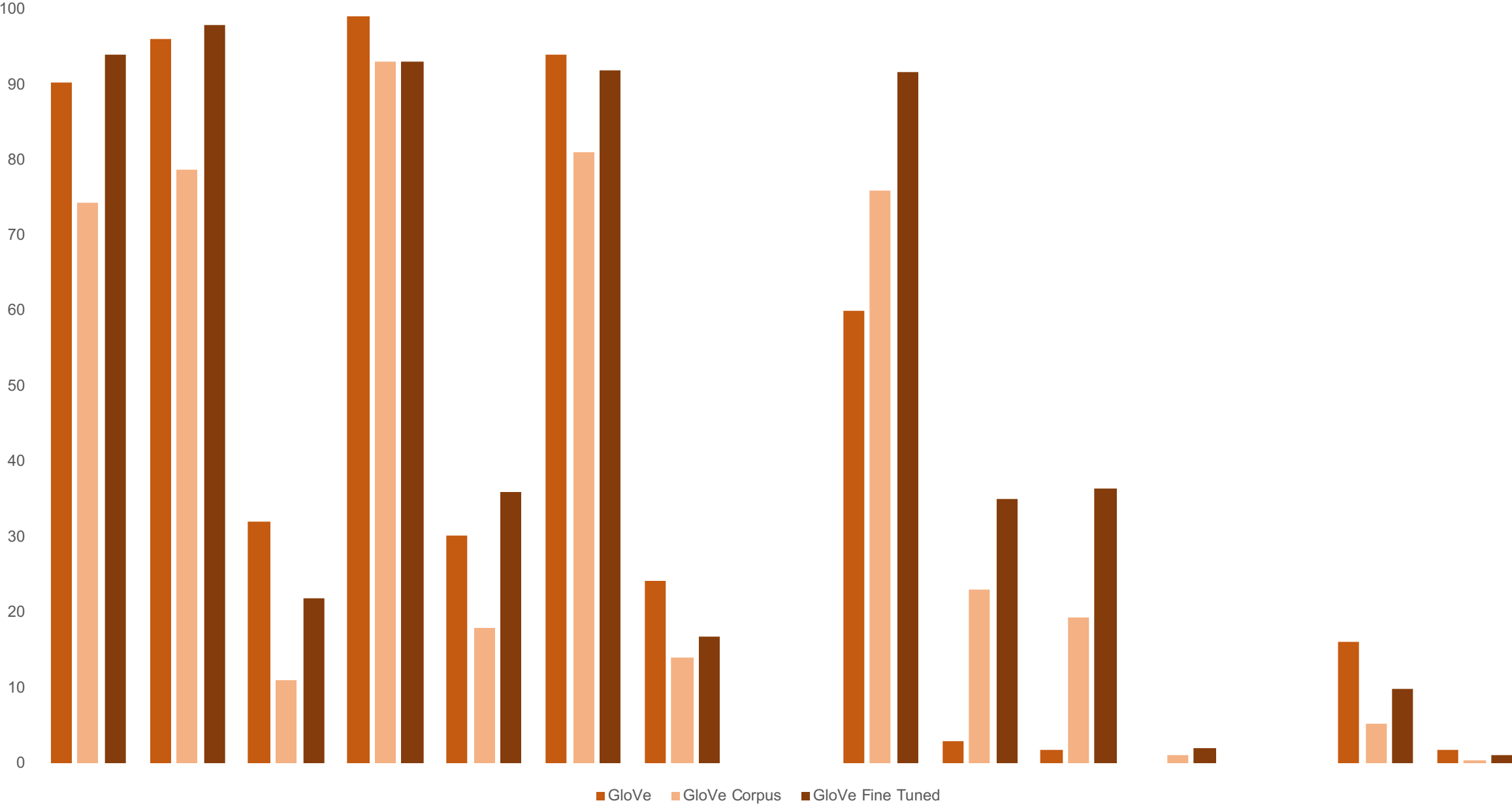
Tests: BERT



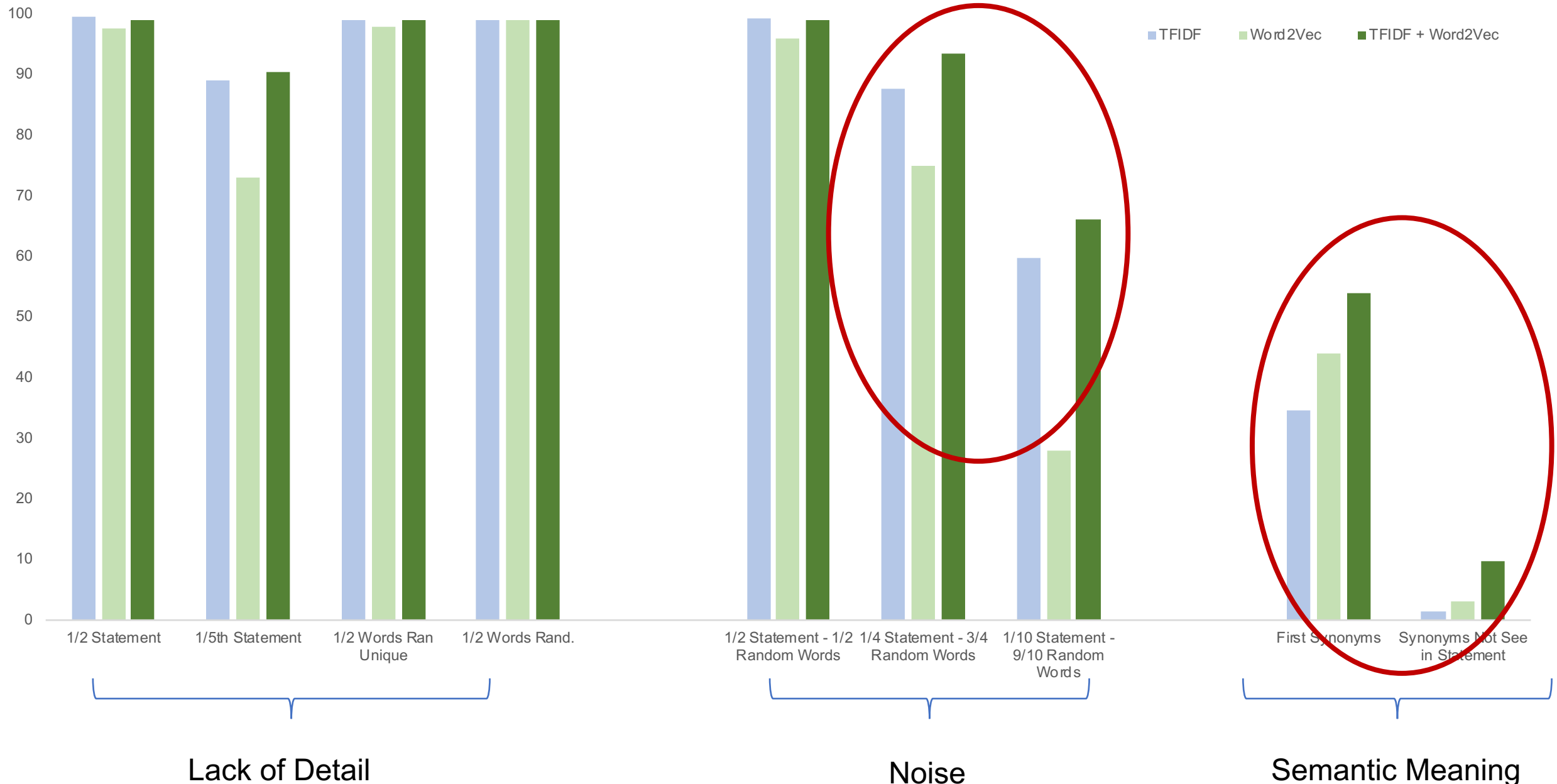
Tests: Word2Vec



Tests: GloVe



Tests: TFIDF + Word2Vec



In Practice: Quality & Relevance

- 10 Posts: Charity Recommendation (Indexed Charities)
 - Average Rating (Evaluation Scale Charity Navigator 0-100) :
 - Comment: 75
 - Bot: 90
 - Average Time:
 - Comment: 153 minutes
 - Bot: 5 Seconds
 - Relevance:
 - Subjective Evaluation
 - Comment: 72%
 - Bot: 82%

About Me

- BA in Economics
- MSc in Philosophy & Public Policy
- PhD in Philosophy: Research Reproducibility
 - Cognitive Evolution Lab
 - Non-Replications
 - Problems & Solution



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POLITICAL SCIENCE ■