Have We Solved The Hard Problem? It's Not Easy! Contextual Lexical Contrast as a Means to Probe Neural Coherence

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1 Minute Intro

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https://cont2lex.github.io/

Lexical Contrast → Contextual Lexical Contrast (CLC)

Example: positive vs negative:

Positive vs Negative
Genius vs Idiot
Love vs Hate
Home vs Away

(Ex. 1 Positive CLC): A **positive** attitude helps you relax and ace the exams, and a **negative** mental status will however make you nervous and sleepless.

(Ex. 2 Negative CLC): The reviewers are rather **positive** about this paper. They are nominating it for the Best Paper for its discovery of a **negative** finding that dispels conventional wisdom.

CLC for Coherence of Context

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- Cont^{2}Lex Corpus: To make CLC a computational feasible task

- Evaluation benchmark: How SOTA Language Models perform?

- Model behaviour analysis: What textual clues are BERT utilising?