Counterfactual Probing for the Influence of Affect & Specificity on Intergroup Bias

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In Govindarajan (2023) @ EACL 2023, we introduced framing bias in terms of the **intergroup relationships** between the speaker and the target of their utterance.

All language is biased. Intergroup relationships are a *social influence on language production*, and we aim to directly model it.

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Which linguistic features change systematically in **in-group** vs. **out-group** contexts?

Affect is a coarse grained feature that estimates how a speaker feels towards the target they mentioned in an interpersonal utterance.

Specificity measures the level of detail and involvement of concepts, objects and events.

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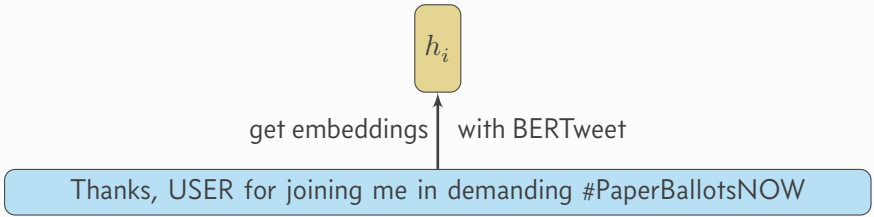
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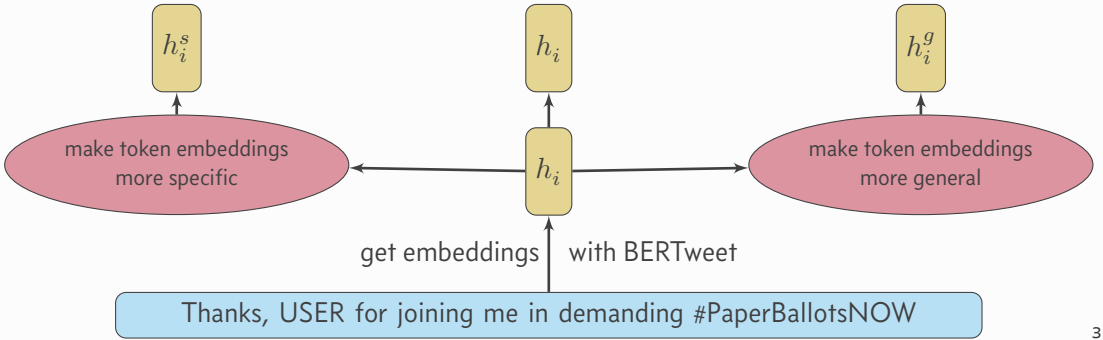
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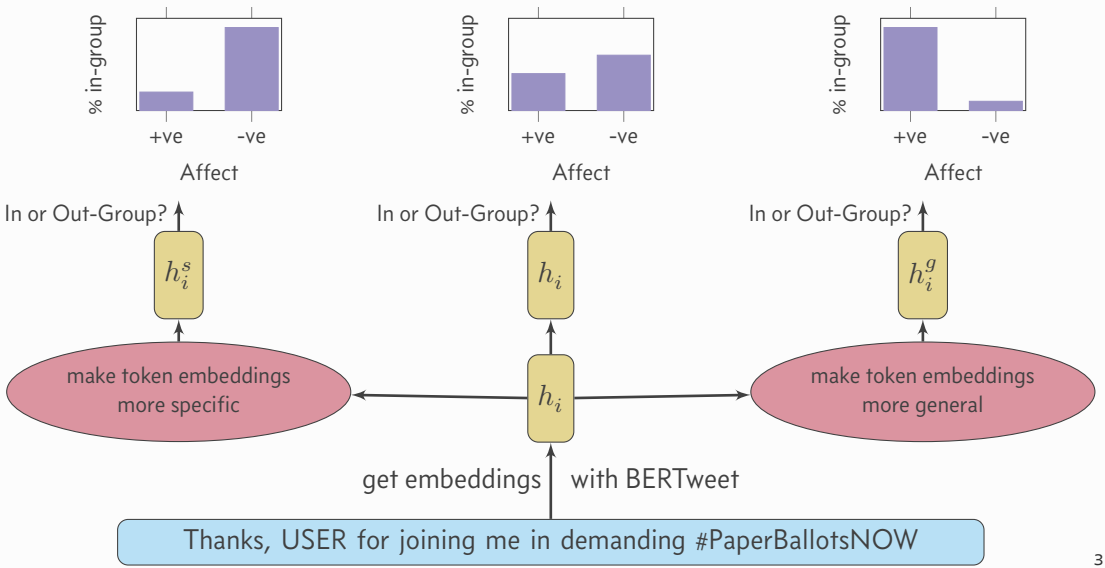
PROBING HYPOTHESIS



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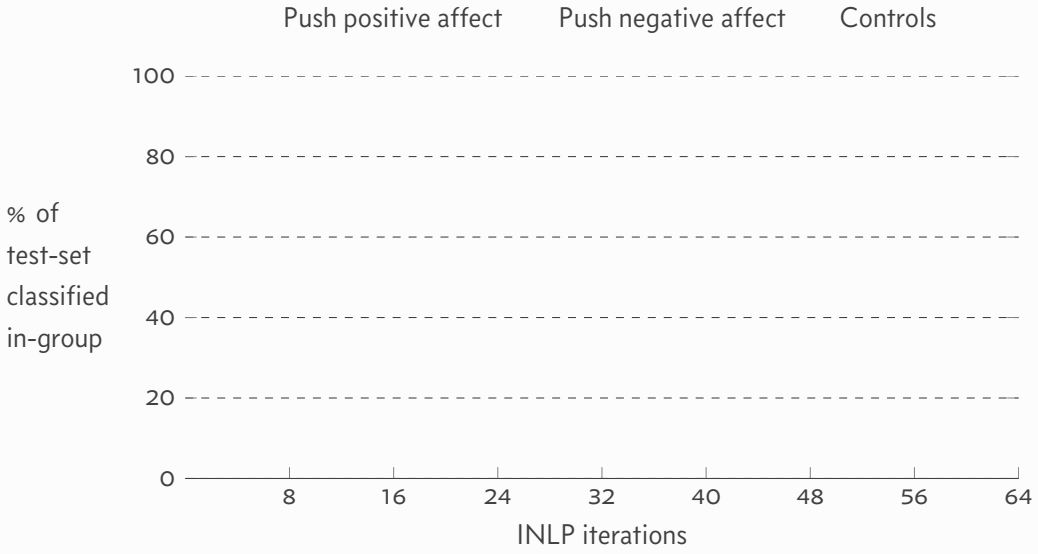

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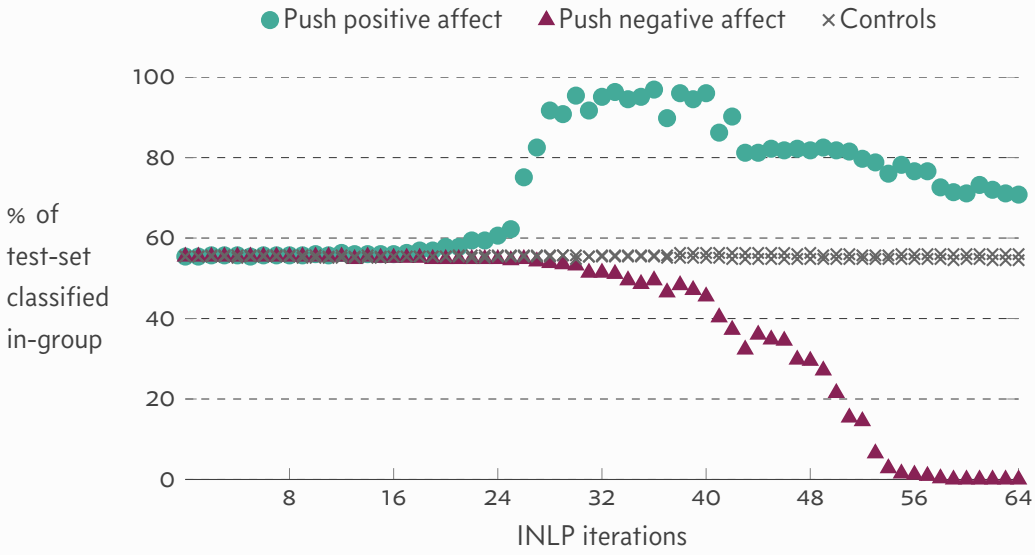
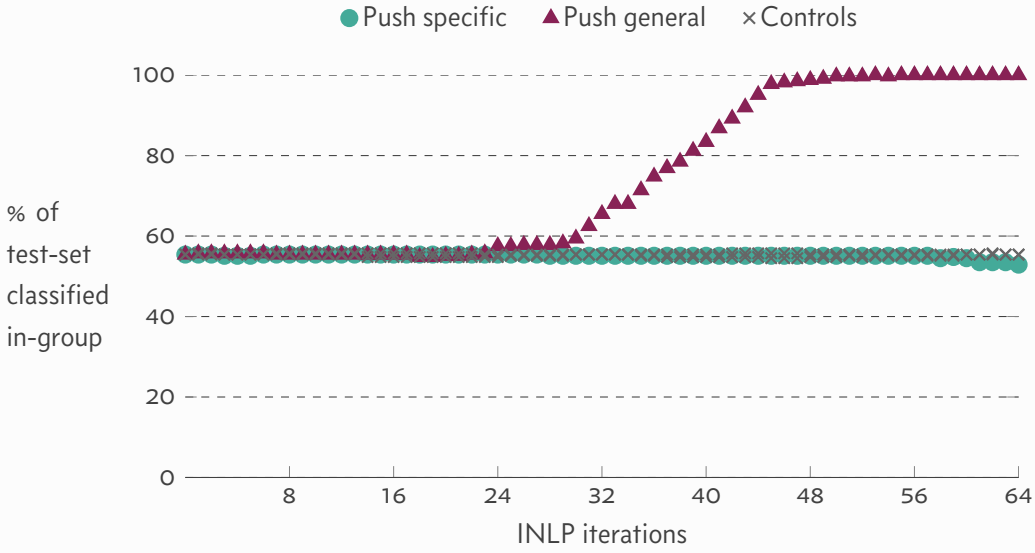


SPECIFICITY RESULTS



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