LINGUISTIC STYLE - ACCOMMODATION

Case study today: EXAMPLES of another way to do this.

Today's case study: one that came from a known tragedy.

Psycholinguistic phenomenon: Of accommodation.

When people communicate, they nonconsciously adapt to each other's behavior.

- posture
- head nodding
- speech rate
- back channeling (um, mm)
- linguistic style

And we do this nonconsciously.

FASCINATING

One way to put this is that communicative behavior becomes like a dance.

LINGUISTIC STYLE - Tact

Why do we care about this dance you might ask.

PRACTICAL IMPORTANCE
- negotiation
- romantic relations
- monetary consequences
we'll focus on linguistic style, since it leaves a track written text

- underline titles
- how things are said
  (vs. what is said)

[slide, example]

high level question
what can we do?

- compute

  a) large-scale data
    until now this change was observed in small studies on limited domains, mostly in lab conditions
    what happens in the real world?

    [slide] [point out data]

  b) mathematical framework
    a) measure style underline circle here

[slide]

clearly, despite clear difference in style any ideas? (still an open question)

[slide]

here is a simple approach
8. Home to measure accommodation

Spend lots of time here, and I am convinced this is a better solution.

One solution: take all cows and see the probability of if the treats in a cow are more similar to other treats that are not in cow.

\[ \text{P(weeks): } P(A \& B \text{ have prop } 1 \& 2) > P(A \& B \text{ have prop } 1 \& B \text{ in cow}) \]

Then if left > right, we can say that treats in cow are more similar, as an offset across.

Ask: 

"Still problems with that?"

"People that talk are likely to have each other so this would happen another case.

\[ \text{Acc prop: } P(A \& B \text{ have prop } 1 \& 2 \text{ in cow}) > P(185 \text{ cow} \text{ prop} \text{ in cow}) \]

Does not fully capture the true nature of cow:

\[ \text{Acc prop: } P(\text{prop } 1 \text{ prop } 1 \text{ less } a) - P(1 \text{ prop } 1 \text{ less } a) \]

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If Acc > 0 \text{ then } b \text{ acc less } a
Models for axm [redacted]

Please write corpus

Complete user history for 2000 users

~215,000 conversations

Twitter API - This sounds familiar.

Influence

\( \text{Acc}(a, b) - \text{Acc}(b, a)\)

if \( b \) acc more to \( a \) than \( a \) does to \( b \)

\( \Rightarrow \) \( a \) is more influential

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Finally, on problem: love to hear feedback
- Symmetry

1. Do both people accommodate?

But this is a grand canyon, how are we supposed to accommodate?

Social status & accommodates.

One question that remains unanswered is why? All this? Why do we suspend each other, and we don't even know it (well, not me anyway).

Best guess: social role

Social goals

Accommodates is a unconscious strategy to gain other's social approval (recall the only occasion)

What would happen if we had people with no social goals?

Grad students. Undergrads? Undergrads?

? Students are stupid anyway.
movie characters - social relations are

What do you expect? Objectifying or the other?

They accommodate

even when one is just managing a conversation they perceive
the non-verbal psychology as adjusting to each other's styles.

accommodation is deeply embedded in LE culture.

even more: male character unmagical

difference of gender to unmagical gender

through this is very intriguing

in unmagical status

(Other)

long term open problems of social consens of unconscious

affective consciousness is perceived more explicit