

Is foreign-accented speech less credible? **Evidence from the Illusory Truth Effect**

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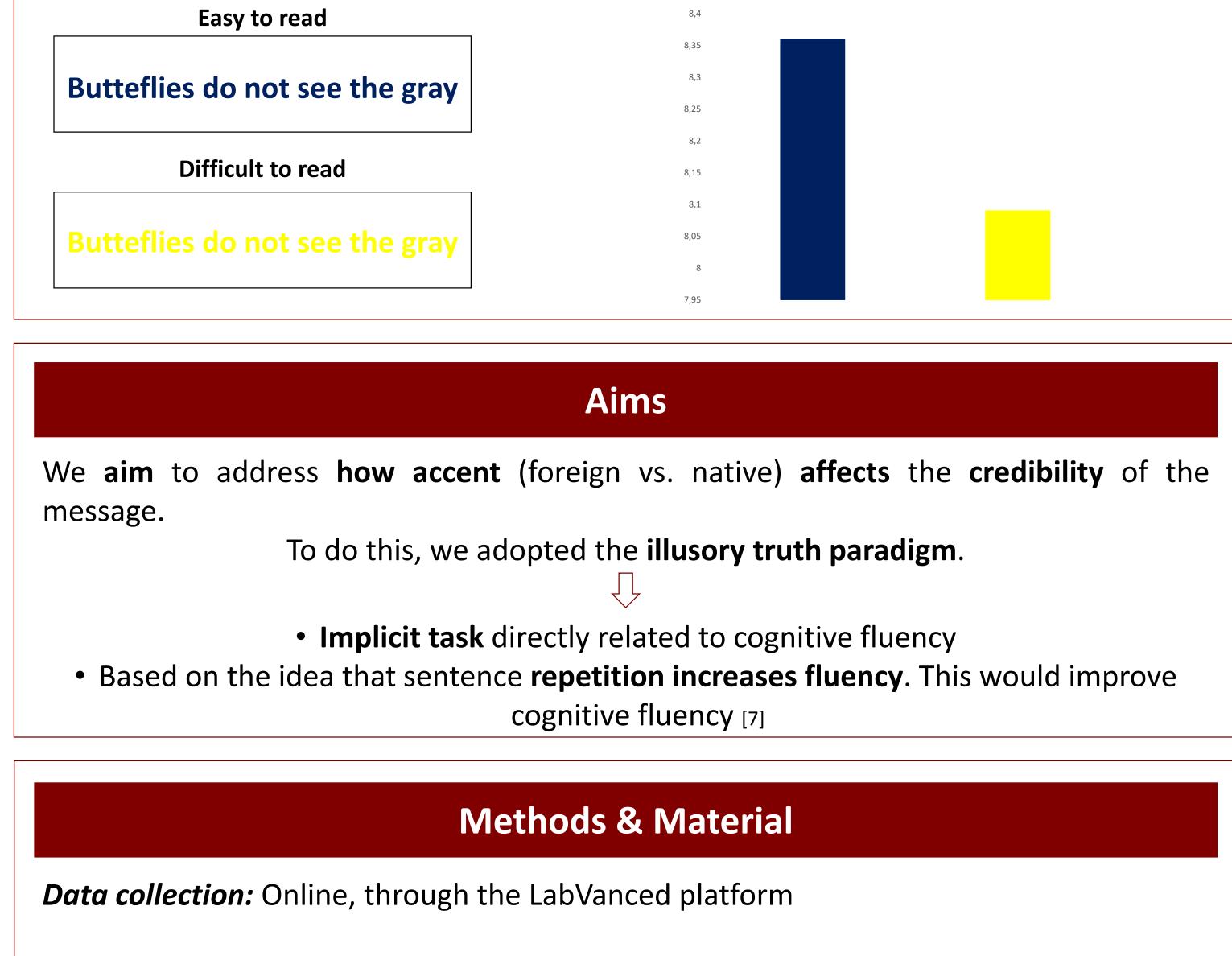
Introduction

Foreign-accented speakers are usually judged as less trustworthy, less educated, less intelligent and less competent than native-accented speakers [1,2].

Why? Possible reasons:

- Automatic categorization of the foreign-accented speaker as an out-group individual [3-5];
- Foreign-accented speech is perceived as less fluent and harder to understand than native-accented speech [6].

How true is this sentence?

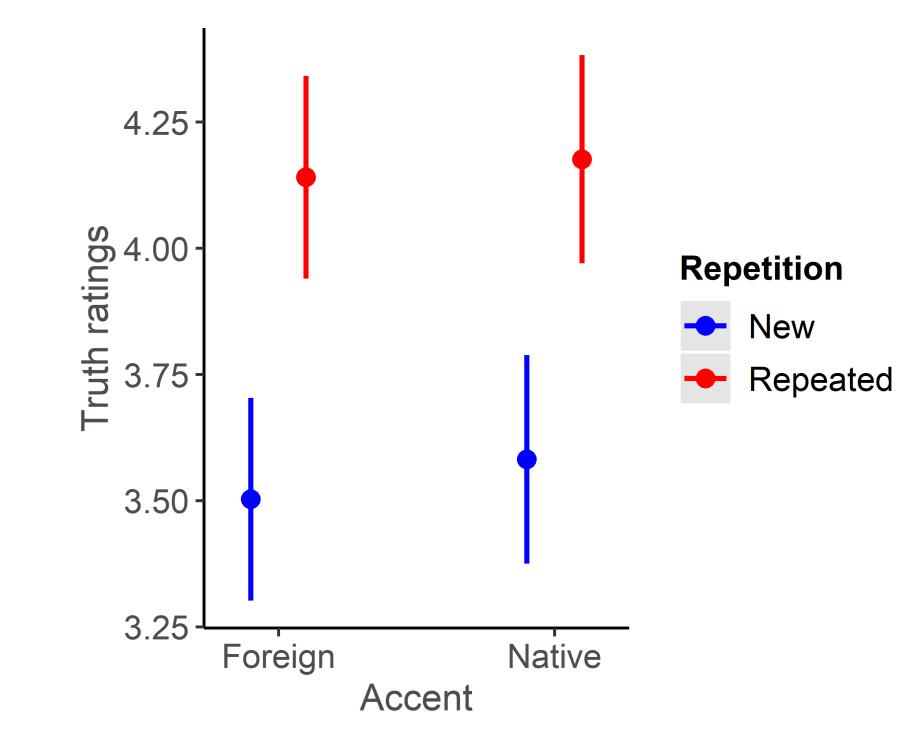


Analysis

Responses (range: 1-6) for the test phase were analyzed employing cumulative link mixed model (clmm on R). We considered Repetition (Repeated vs New), Accent (Foreign vs Native) and the interaction between them as fixed effects.

Results

We replicated previous research on the illusory truth effect, by showing higher truthfulness rating for repeated sentences compared to the new sentences [7,8]. The amount of the illusory truth effect was not modulated by accent: the same increasing credibility was observed in the repeated sentences in both the accented-speech versions of the task.



Speaker's traits ratings

A new group of 109 participants rated the 40 speakers on Status and Solidarity traits.

Stimuli:

Participants:

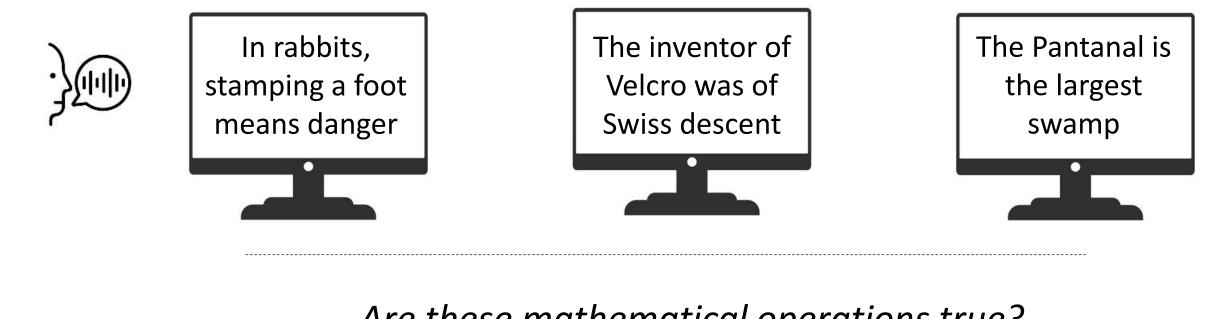
80 unknown Italian sentences (e.g., ants don't sleep) recorded by 20 italian speakers and 20 foreign speakers from all over the world.

60 Italian native speakers (mean age =24,69y; 38 females). 30 completed the native-

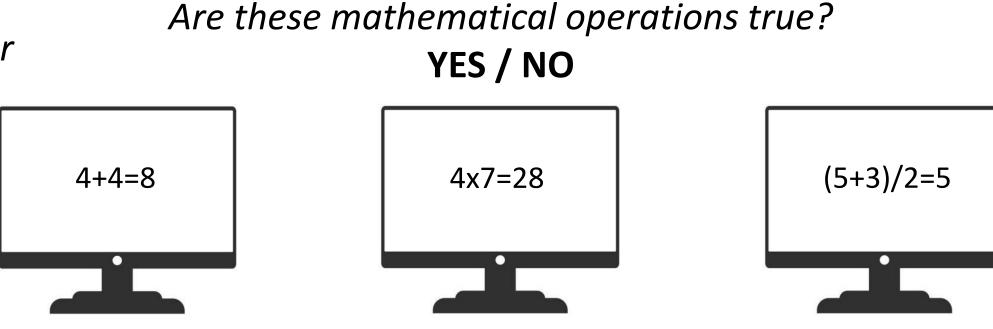
Procedure:

1) Encoding Do you find the following statement interesting? YES / NO

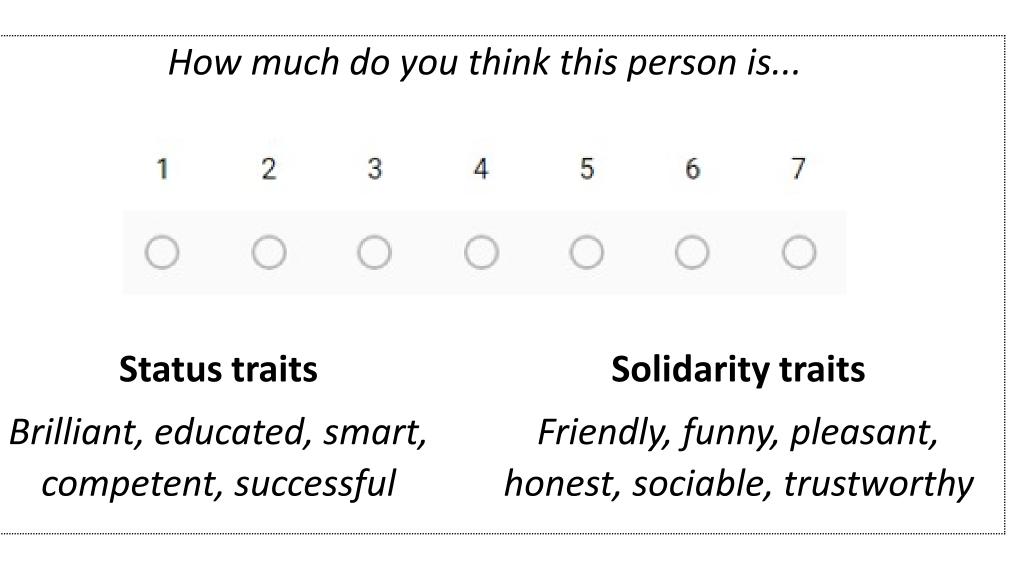
accented version; 30 completed the foreign-accented version.



2) Distractor



Evaluate the veracity of the following sentences



Results: brilliance, smartness, competence, success, funnyess, pleasantness, honesty and trustworthyness were judged lower when attributed to the foreign speakers, indicating a negative bias toward foreigners. However, any of this traits tied to the speaker voices modulate the main effect on credibility judgments.

Discussion

Our findings challenge previous evidence indicating that foreign-accented speech is judged as less credible [9]. Based on our findings we conclude that research on the influence of foreign-accented speech on message credibility needs to take into account several social and cognitive factors.

1 2 3 4 5 6 False $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$ True



Forthcoming Research

To better understand the role of accent on message credibility, we will Investigate the role of this bias at the participants level. Indeed, studies in the literature have shown that personal experiences can shape, for example, the Other Race Effect [10].

References

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