

Booktitle

Linguistics

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Part I

Experiment Description



- Musterfrau, Eva; Mustermann, Max & Mustermensch, CJ

2.1 Independent Variables

FACTOR1 × FACTOR2

- Factor1 (within-items, within-subjects): bla, bli
- Factor2 (within-items, within-subjects): blu, blo

2.2 Dependent Variables

- Judgments [1 ...7], Reaction Times, 2AFC [option1, option2], ...

- Number of participants:
- Participant information we need to collect
 - Major
 - Age
 - Native Language
 - ...
- Eligibility criteria for participants
 - non-bilingual
 - Students (18 to 28 y/o, from Göttingen)
 - ...
- Reimbursement

- Number of critical items
- Number of filler/control items
- randomized/pseudo-randomized
- text/audio stimuli (who's doing the recording)

4.1 Critical items

- (1)
- a. Example Sentence
 - b. Example Sentence
 - c. Example Sentence
 - d. Example Sentence

What are going to control (hold constant)?

- Number
- Gender
- Syllable length
- ...

4.2 Fillers/Controls

- (2)
- a. Type
Example Sentence
 - b. Type
Example Sentence

- How is the data collected?
- What is the experimental setup?

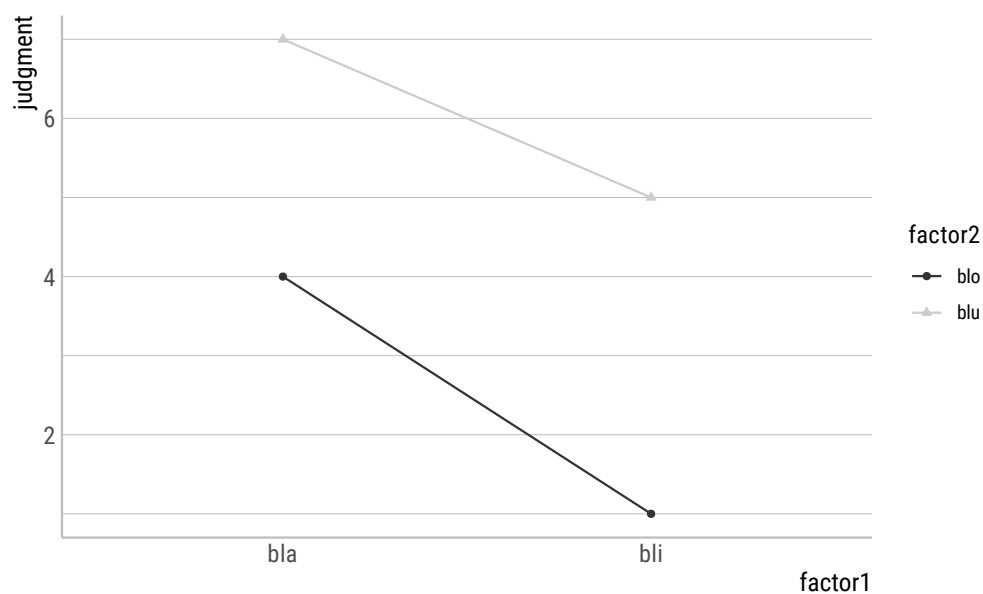
- Hypothesis in words (main effects, interactions, a priori contrasts)
- Statistical methods (LMM, ANOVA, ...); expected equivalence (TOST)
- Why do we expect that result (previous results/studies, theoretical assumptions, ...)

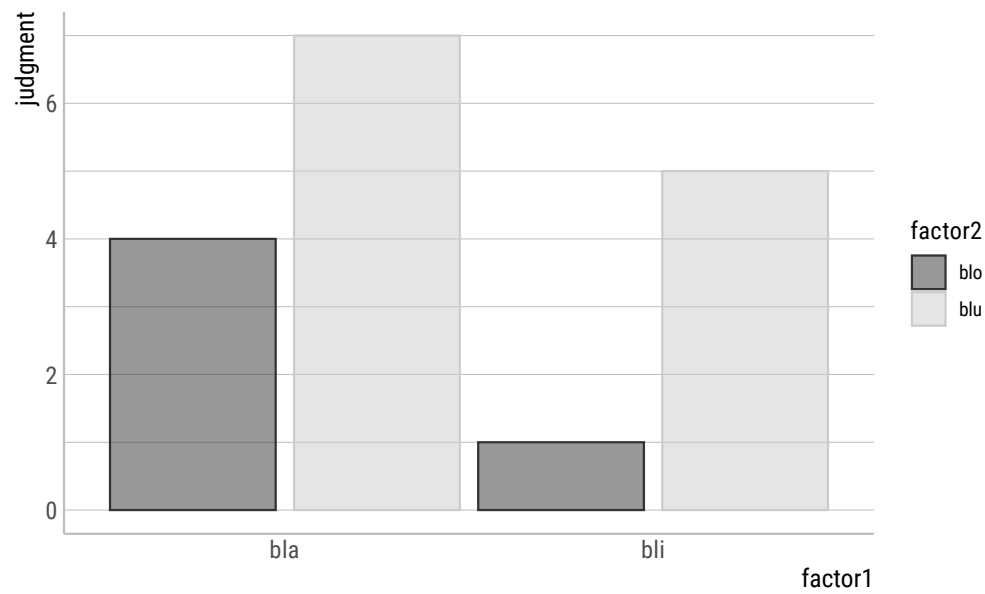
6.1 Plot

```
d <- tibble(
  factor1 = c("bla", "bla", "bli", "bli"),
  factor2 = c("blu", "blo", "blu", "blo"),
  judgment = c(7, 4, 5, 1)
)

kable(d, booktabs = T) %>%
  kable_styling(position = "center")
```

factor1	factor2	judgment
bla	blu	7
bla	blo	4
bli	blu	5
bli	blo	1





6.2 Contrasts (if applicable)

- List them here ([Heim & Kratzer 1998](#))

6.3 Checklist

- ☒ We can be sure that the participants understood the items.

How?

☐ X

☒ Y

Part II

Details



Tarski (1944)
Dayal (2009)

Bibliography

- Dayal, Veneeta. 2009. Variation in english free choice items. In Rajat Mohanty & Mythili Menon (eds.), *Universals and variation: proceedings of glow in asia vii*, 237–256. Hyderabad: The English & Foreign Language Press.
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