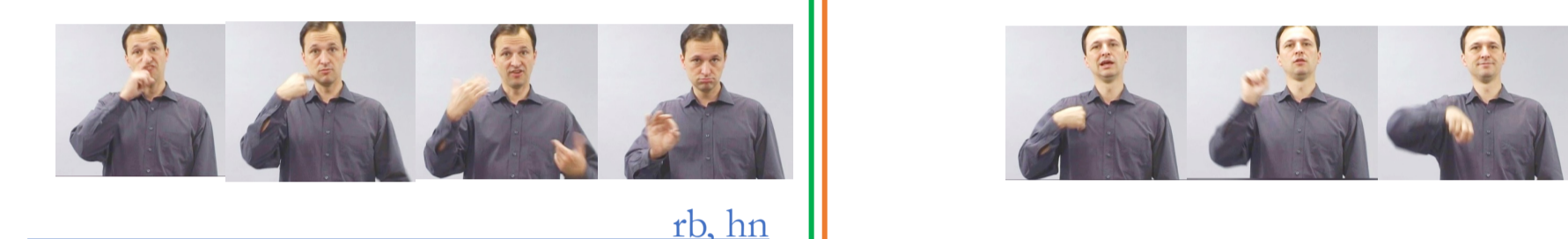


Conditional clauses in German Sign Language (DGS) and Brazilian Sign Language (Libras) - A comparison

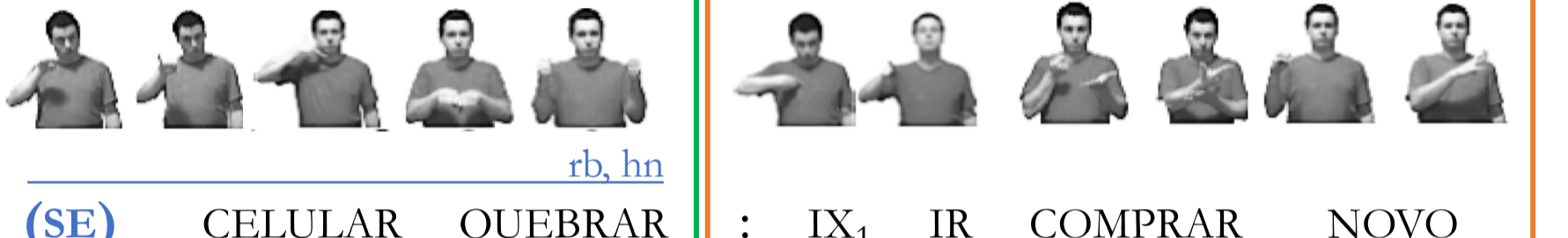
1. Theoretical background

„A conditional sentence is a sentence consisting of two clauses, one of which (the **antecedent**) expresses a condition whose fulfillment or non-fulfillment is relevant to the degree of reality assigned to the other (the **consequent**).“
(Quer et al. 2017:462-463)

They are **subordinated clauses** which form a relatively new field in sign language syntax (Baker & Padden 1978, Liddell 1986, Tang & Lau 2013, Herrmann & Steinbach 2013) and require a **combination of nonmanual and, often optionally, manual signs**.

(1)  (DGS, Papaspyrou et al. 2008)
(WENN) MORGEN WETTER GUT : **(DANN)** IX₁ DRAUSSEN SPAZIER
 if weather tomorrow good : (then) ix₁ outside walk

„If the weather tomorrow is good, I will go outside for a walk.“

(2)  (Libras, Ampessan 2015)
(SE) CELULAR QUEBRAR : IX₁ IR COMPRAR NOVO
 if mobile-phone break : ix₁ go buy new

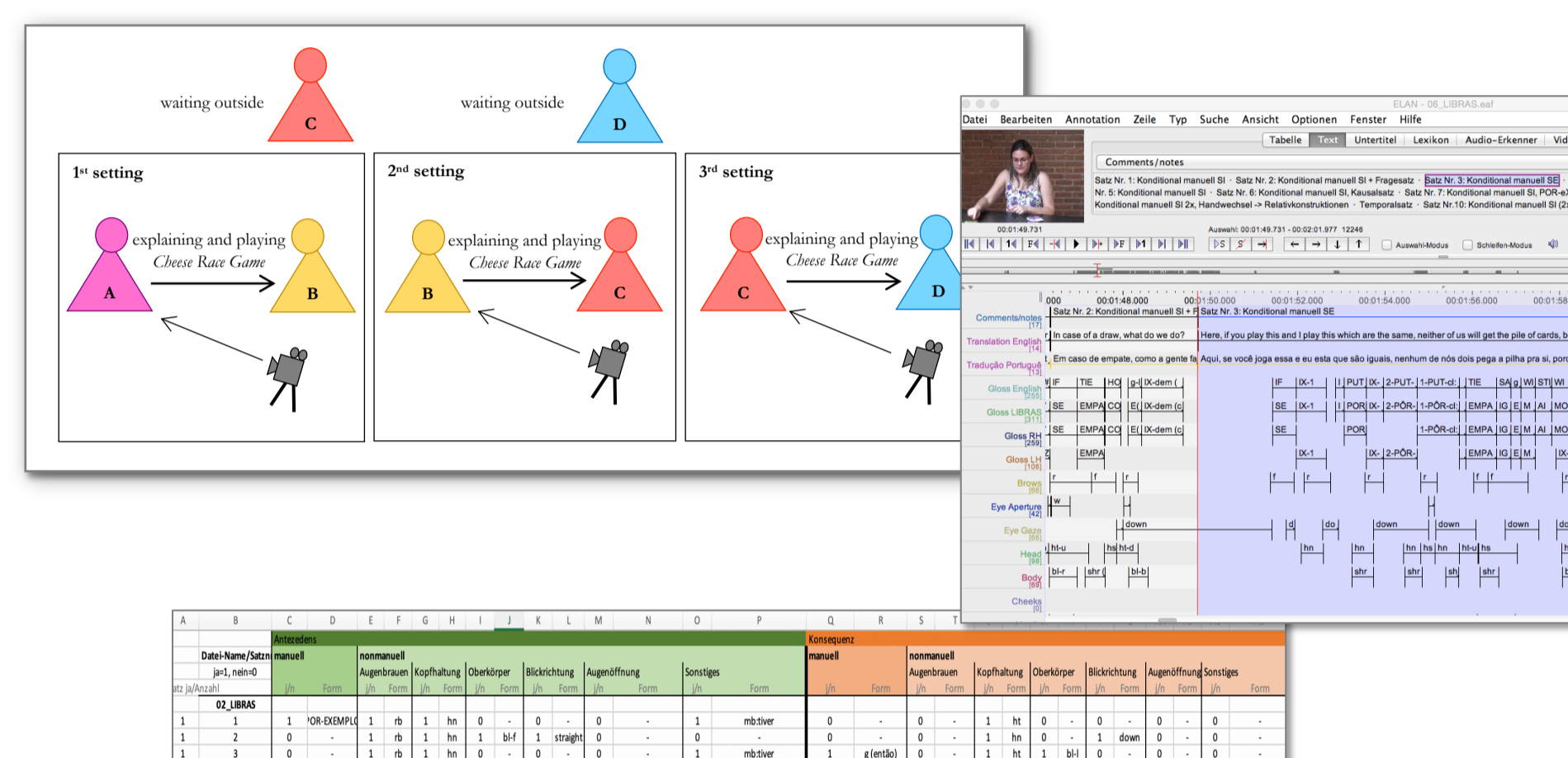
„If the mobile phone breaks, I will buy a new one.“

2.1 Methodology and evaluation

Research questions

DGS and Libras are **unrelated sign languages**.
 Which combinations of manual and nonmanual elements do they use to express a conditional?
 Do they use similar or different strategies?

Elicitation by *Cheese Race Game* (cf. Dachkovsky), annotated by ELAN and evaluated by Excel (binary code)



2.2 Participants

17 participants (8 ♀, 9 ♂)

34,3 years average age



146 identified conditional clauses

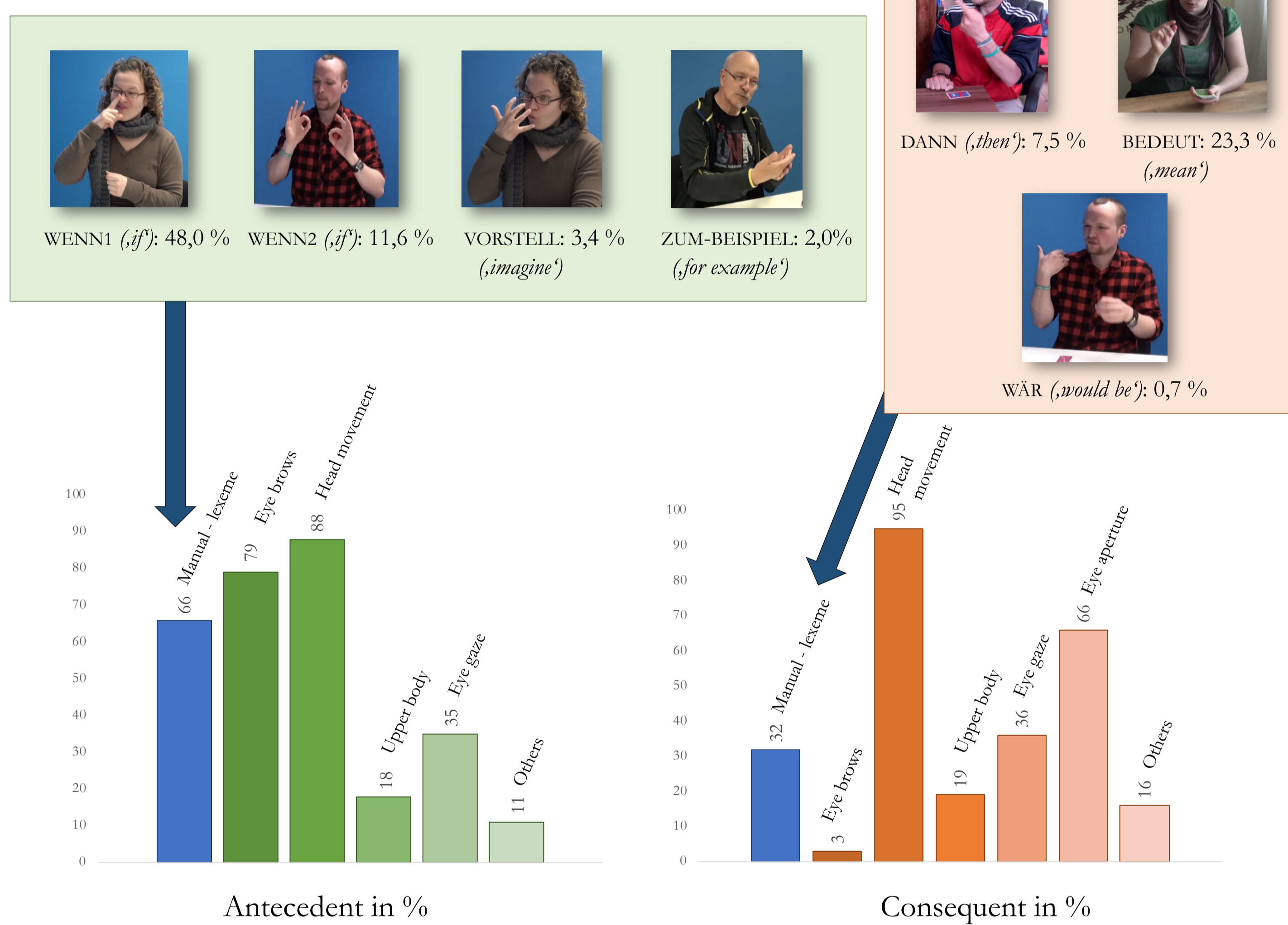
18 participants (8 ♀, 10 ♂)

38,2 years average age

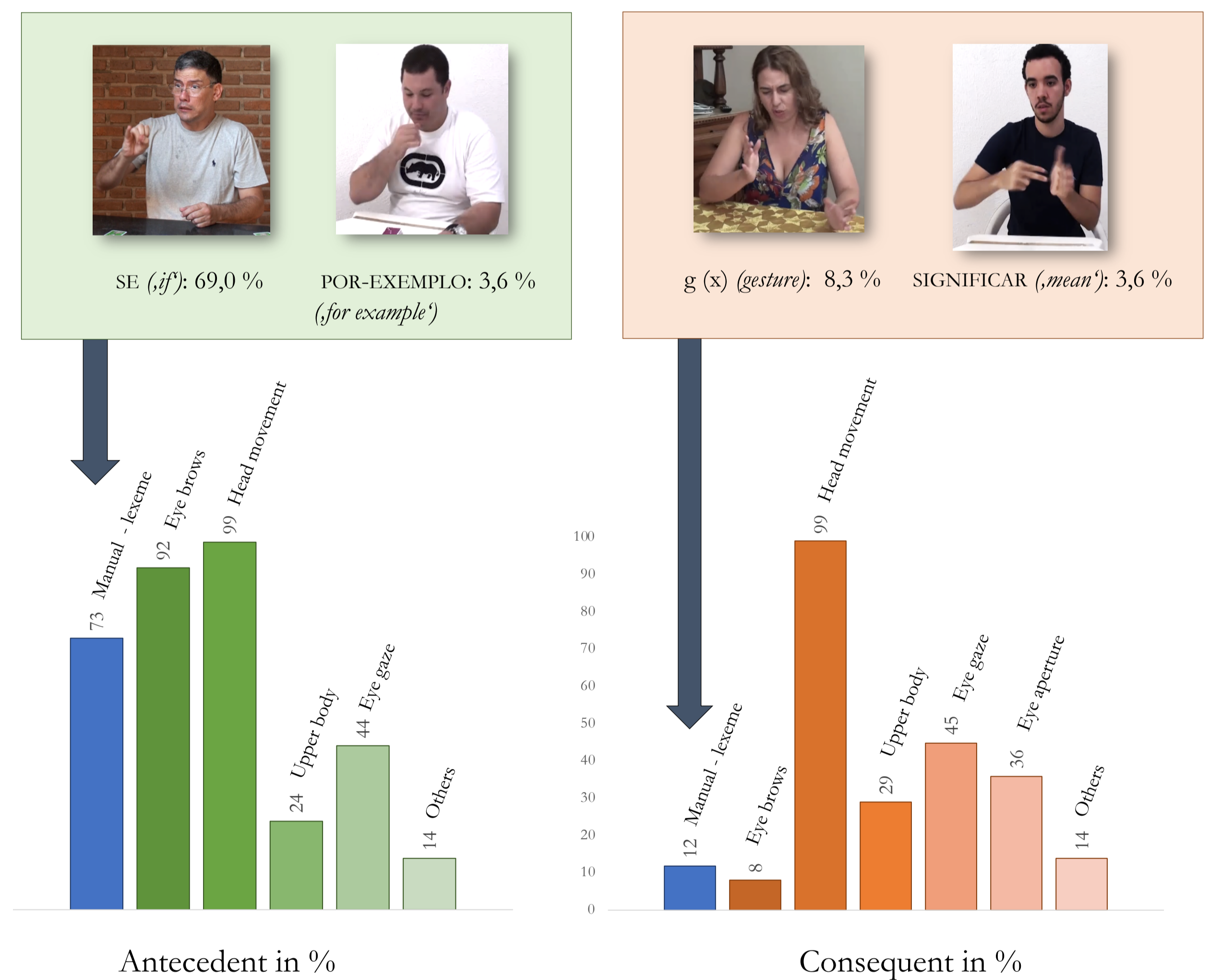


84 identified conditional clauses

3.1 Results in DGS



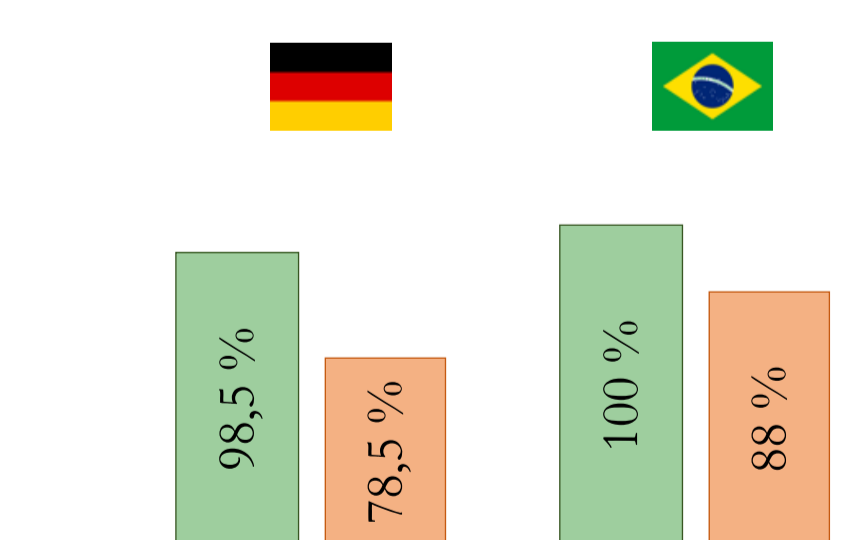
3.2 Results in Libras



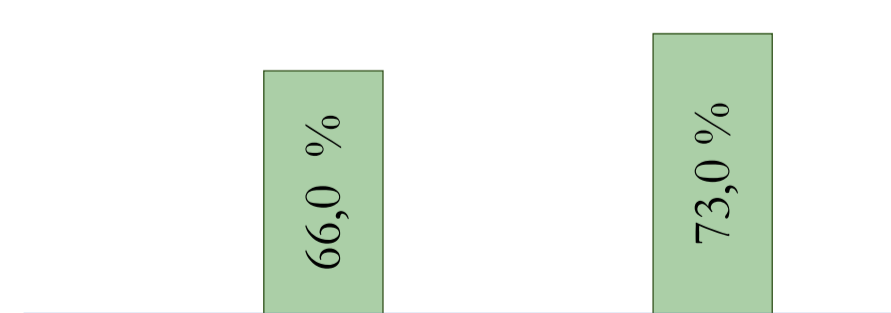
4. Conclusion

Differences

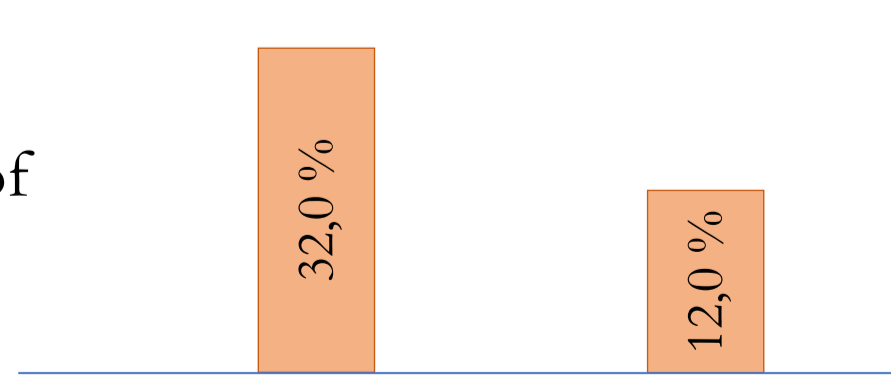
① Libras: more nonmanuals



② Libras: higher use of the manual antecedent sign



③ DGS: more manual marking of consequent



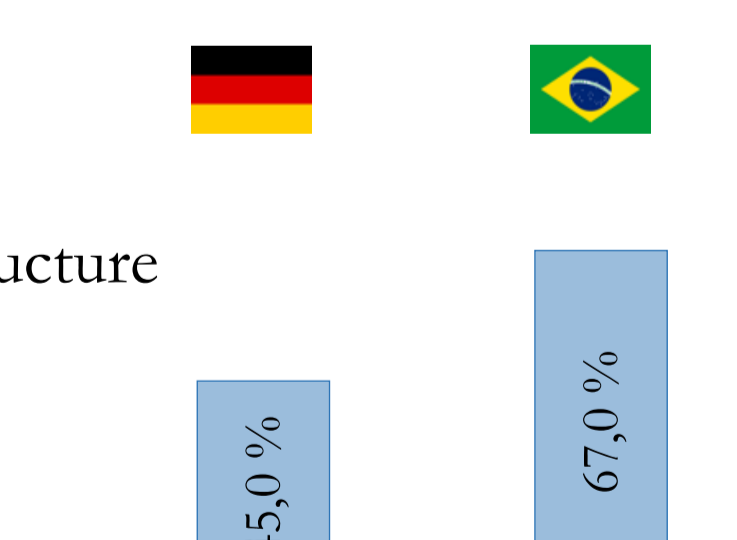
④ DGS: necessary to use two nonmanuals over the consequent

Head movement Head movement
Blink

Similarities

① Preferred conditional structure
A (m-nm) – C (m-nm):

A (m-nm) – C (nm)



A (nm) – C (nm)



② Manual sign for the antecedent and consequent are optional

③ Inversion seems to be impossible

④ Are the signs POR-EXEMPLO/ZUM-BEISPIEL and SIGNIFICAR/BEDEUT equivalents? Are they discourse markers? Is SIGNIFICAR/BEDEUT a copula?

⑤ Raised eyebrows have an additional prosodic function: continuation (cf. Dachkovsky, Healy & Sandler 2013)

DGS and Libras are unrelated sign languages, but are typologically similar:
„Nonmanual dominant sign languages“
 (cf. Zeshan 2006)

5. References

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