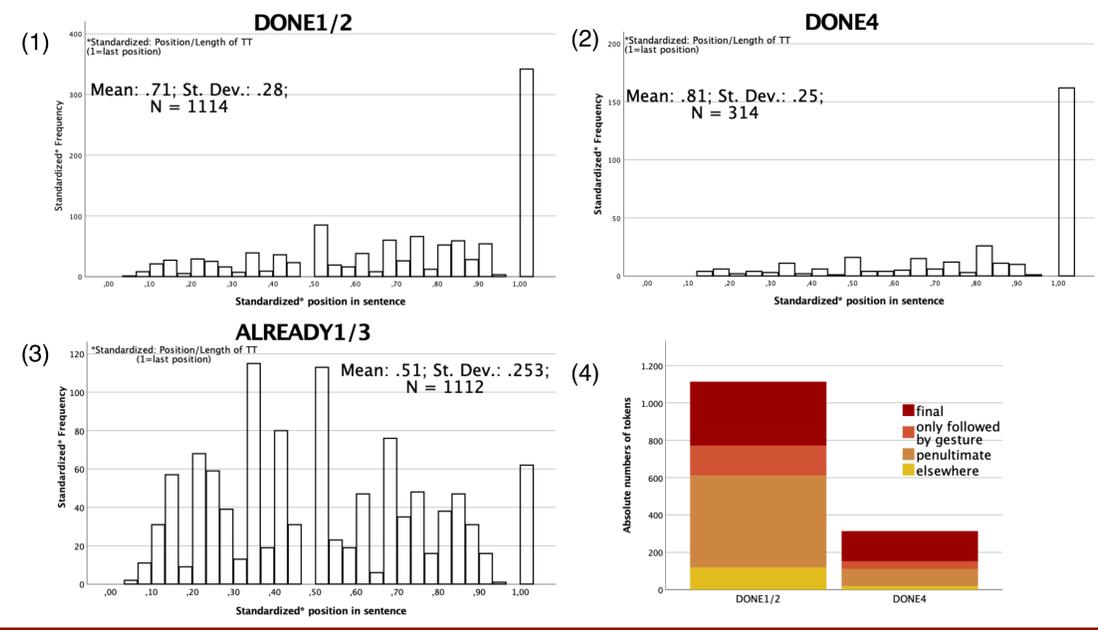


Data preparation

- Variants of DONE1/2 (DONE1A/1B/2) and DONE4 were compared.
 - DONE1/2 was contrasted with a different sense of the same manual sign, ALREADY1A/1B/3 (n=1112). The signs differ in typical mouthing: /schon/ vs. /fertig/.
 - Time-aligned German translation tags (TTs) were operationalized as provisional sentence boundaries.
 - For each TT, we determined the TT length in number of signs and the position of the target sign in the TT.
 - MLU of corresponding DGS string= 7.5 signs
- We included **2540** tokens from the Public DGS Corpus [8] in the analysis. TTs with *n* tokens of a target sign were included *n* times in the analysis.
- ✗ Not included in analysis:
- Single-sign TTs
 - TTs longer than 17 signs (> 1.5 of IQR)
 - Aborted sentences



Interim Results

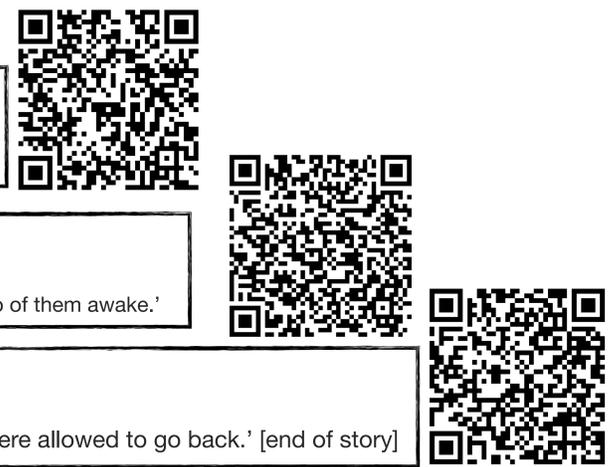
- Comparing positional frequencies of DONE1/2 and DONE4 we find:
- Both signs exhibited a higher preference for TT-final position compared to all other TT positions (1 & 2). This preference appears even stronger when we include all tokens as final that were only followed by a gesture (4).
 - Both signs showed a stronger tendency to occur at the end of TTs than ALREADY1/3 (1 & 2 vs. 3).
 - DONE4 occurs significantly more often in final position than DONE1/2 ($\chi^2(1, N = 1429) = 26.3, p < .001$)

Further analysis

- Follow-up question:
Is each use of DONE equally likely to occur sentence-finally?
- 175 TTs (length: 4-10 signs) were selected at random for further analysis. We identified the following uses of DONE1/2/4:
- lexical predicate 'finish/complete an action'
 - temporal or causal conjunction/clause
 - discourse marker indicating the end of a turn, a story or part of a story
 - restrictive focus marker

Examples

1. Sentence-final focus marker
WORD KNOW YOU D-E-R DIE D-A-S NONE T-H-E **DONE4**
'They have no words like 'der', 'die', or 'das', only 'the'.
2. Non-final aspect marker
DONE1B TO-WAIT1A **DONE1B** CL:shake-someone UP-OFF
'When she was done, she waited for a while and then she shook the two of them awake.'
3. Sentence-final discourse marker
ID^VISA FIDDLE-WITH DONE1B OUT **DONE4**
'They checked all your documents and the visa, and then you were allowed to go back.' [end of story]



Discussion & Conclusion

- All DONE?
- The multifunctional signs DONE4 and (to a lesser extent) DONE1/2 may help identify sentence boundaries in DGS.
 - Some functions of these signs are associated more strongly with sentential boundaries than others:
 - Final: Restrictive focus & discourse marking
 - Initial: Emerging temporal conjunction or temporal adverbial clause
- On TTs
- Our analyses revealed that some TT-final or -initial tokens should be re-analysed as belonging to the following or previous DGS sentence. This confirms our initial caveat: TTs are only rough estimations of sentence-like units in DGS.

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