

Interactional sequences from signing patterns in the Swedish Sign Language Corpus

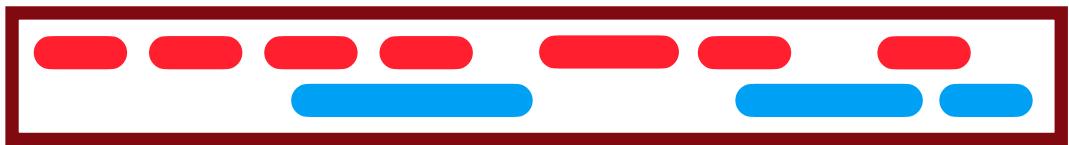
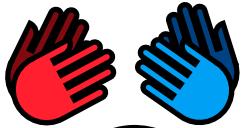
Carl Börstell



UNIVERSITY
OF BERGEN

Is it possible to locate types of **interactional sequences** automatically in a corpus?

ELAN



STS Corpus
conversations
153,947 sign tokens



Every sequence of 10 signs is conversation is taken as a unit

We categorize each sequence unit into four **prototypical profiles** based on pattern

Monologue
Monologue



Change
Interactive



Both signers, few switches

Insertion
Interactive



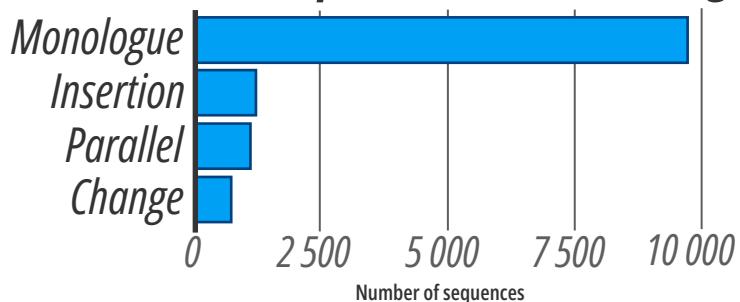
Parallel
Interactive



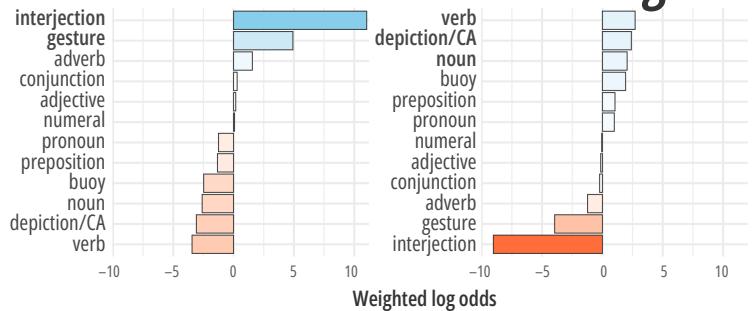
Both signers, many switches

What is the **distribution** of sequence profiles & what **signs** are found within them?

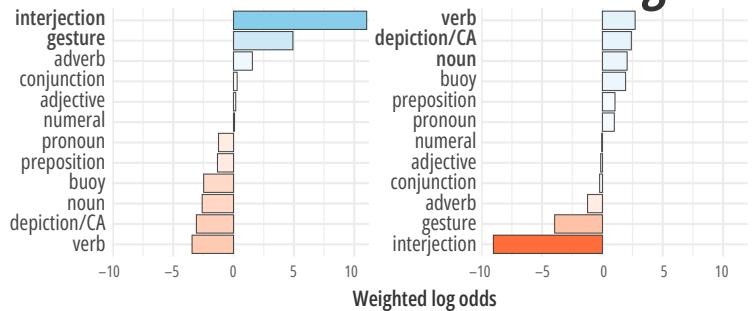
Most sequences are “monologue”



Interactive



Monologue



What are the benefits of this approach?



Saves time



Finds places of interest
for qualitative analysis



Search method
is language-agnostic