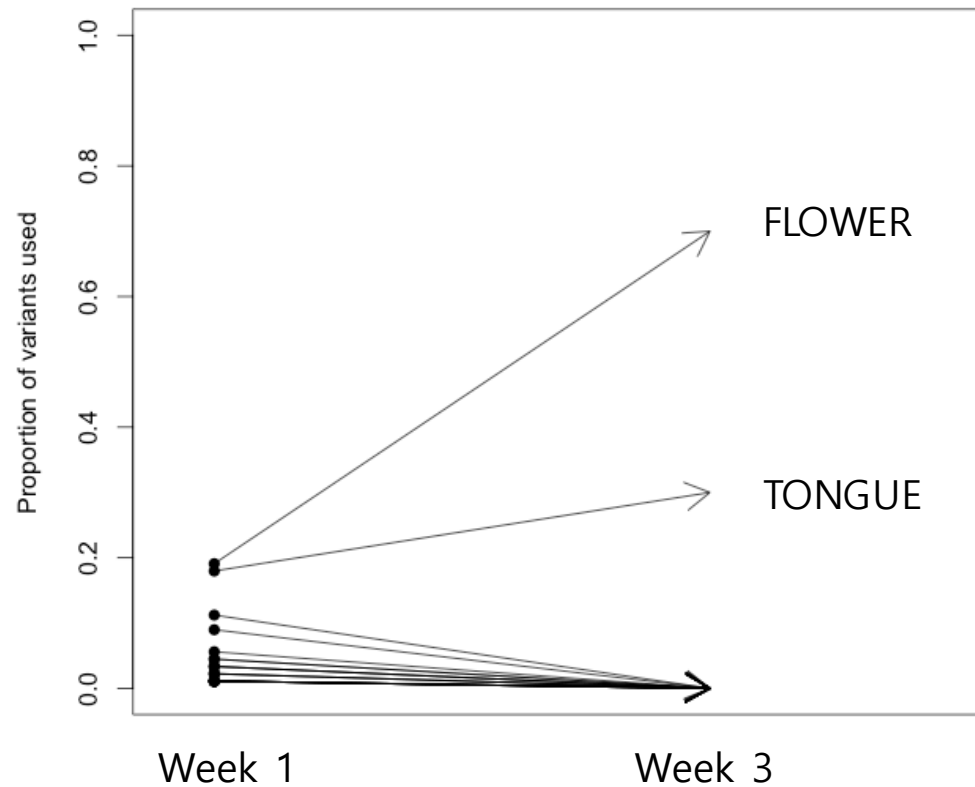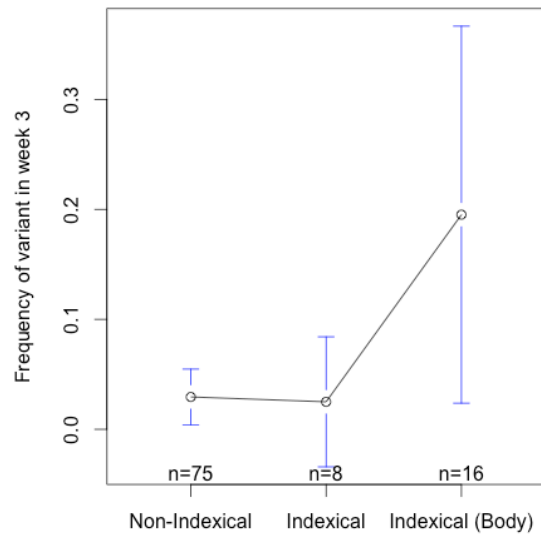The variants "FLOWER" and "TONGUE" are selected, but what makes these signs special?
Can we predict the frequency of a variant in week 3 based on measurements from week 1?
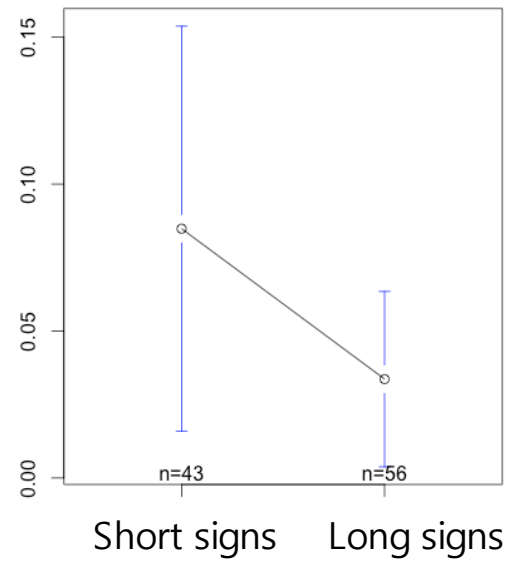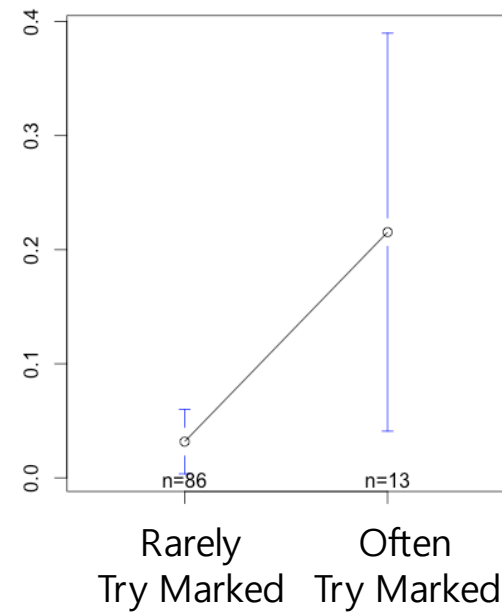
Some patterns in the data:

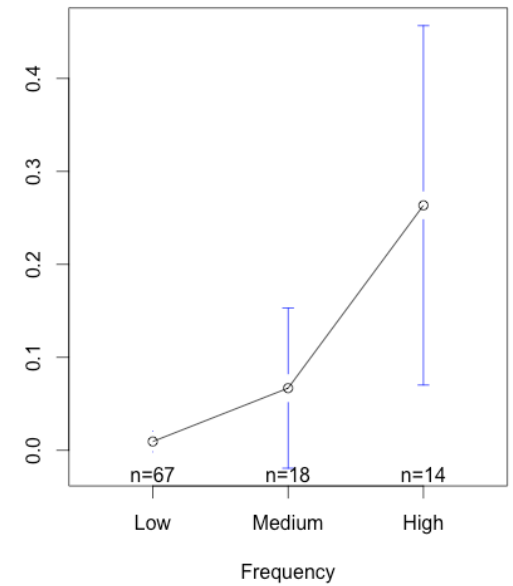## Are the patterns significant?

Mixed effects model, predicting the frequency of a variant in week 3 by:

Content bias	Estimate	p	
Indexical	-0.01		
Indexical-body	+0.08	0.001	**
Length of sign	-0.03	0.04	*

Conformity Bias			
Try Marking (frequent)	+0.11	0.001	**
Teaching	-0.06	0.81	
Try Marking & Teaching	-0.17	0.07	
T0 Check	-0.01	0.73	

Frequency Bias			
Frequency in week 1	+0.16	<0.0001	**

Details: Mixed effects model with random effects for reference colour, p-values obtained through model comparison.

- A variant is more frequent in week 3 if:

  - It indexes the body
  - It is quick to produce in week 1

  Content

  - It is often try-marked in week 1

  Conformity

  - It is produced frequently in week 1

  Frequency