

Effects of Vowel Characteristics in Suspended Affixation with Root Allomorphy

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Suspended Affixation

defter-**i** ve kalem-**i** aldı.
notebook-**ACC** and pencil-**ACC** bought
'He bought the notebook and the pencil.'



defter ve kalem-**i** aldı.
notebook and pencil-**ACC** bought
'He bought the notebook and the pencil.'

Suspended Affixation

Bana	ve	John- a	...
I. DAT	and	pencil- DAT	...

 * Ban	ve	John- a	...
I	and	pencil- DAT	...

Suspended Affixation

Bana	ve	John- a	...
I. DAT	and	pencil- DAT	...



Ben	ve	John- a	...
I	and	pencil- DAT	...

- Residuals must be already existing words (Erschler 2018)

Suspended Affixation

- However, cross-linguistic data: Root Allomorphy Preserved

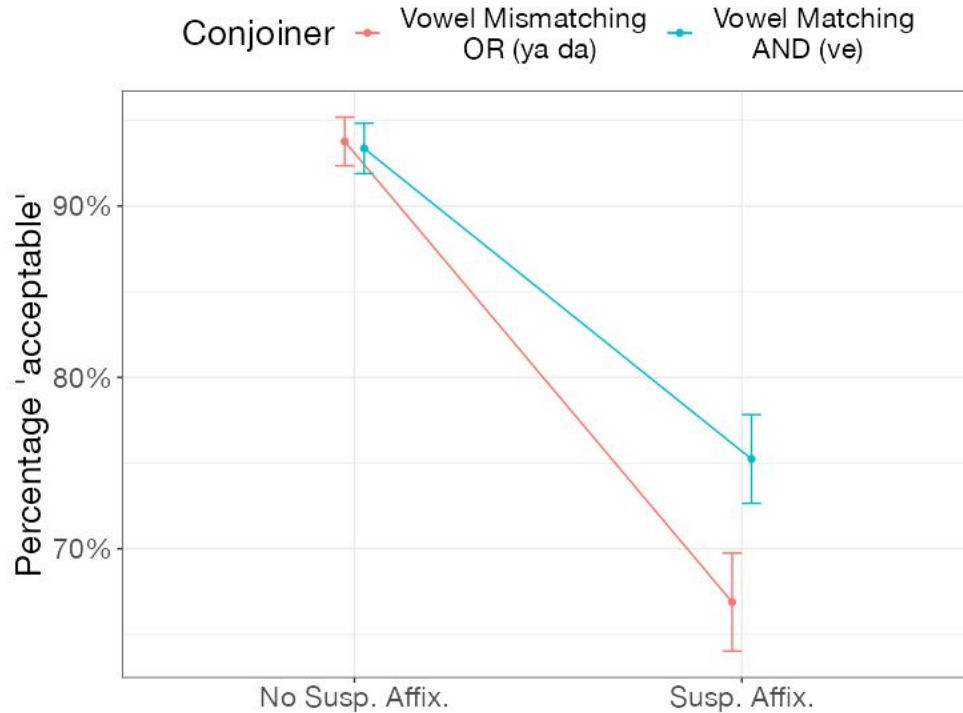
Mari (Adapted from Guseva and Weisser, 2017)
Pörjeng **memnam/memna/*me** den nunem už-eš.
Man.NOM **us.ACC/us.?(SA)/*us (bare)** and them.ACC see-3SG.PRES
'The man sees us and them.'

Method

- **Our Question:** To test the interaction between a possible inter-word vowel harmony and suspended affixation?
- Speeded Acceptability Judgment,
 - Participant N = 170
 - Item N = 40
 - Filler N = 80
- Within-subject factors:
 - *Suspended Affixation*
 - *Conjoiner Vowel Match*

- (a) No SUSPENDED AFFIXATION - AND
Bana ve Olgun'a mektupgel-miş.
I.DAT and Olgun-DAT letter come-PST.EVD
'A letter arrived for me and Olgun.'
- (b) No SUSPENDED AFFIXATION - OR
Bana ya da Olgun'a mektupgel-miş.
I.DAT or Olgun-DAT letter come-PST.EVD
'A letter arrived for me or Olgun.'
- (c) SUSPENDED AFFIXATION - AND
Ben ve Olgun'a mektupgel-miş.
I and Olgun-DAT letter come-PST.EVD
'A letter arrived for me and Olgun.'
- (d) SUSPENDED AFFIXATION - OR
Ben ya da Olgun'a mektupgel-miş.
I or Olgun-DAT letter come-PST.EVD
'A letter arrived for me or Olgun.'

Results: Averages and Standard Errors

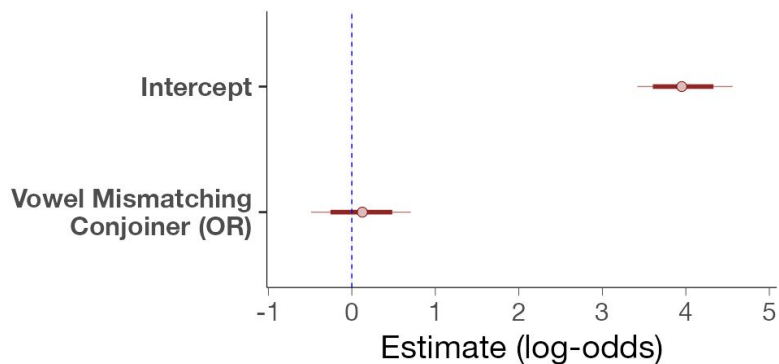


- No effect of conjoiner without suspended affixation
- More error with vowel mismatching conjoiner

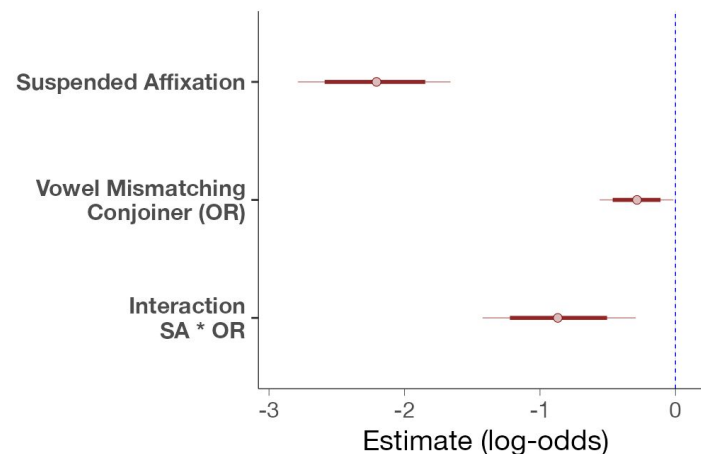
Results: Bayesian GLM and Posterior Distributions

Independent variable: Yes responses (Bernoulli-distributed with logit link function)

NO Suspended Affixation



All Results



→ The negative effect of vowel mismatching conjoiner is amplified with suspended affixation

Conclusion

- Non-preserved root allomorphy is not due to the inter-word vowel harmony.
- However, there is a clear effect of vowel matching conjoiner in acceptability when SA exist.
- *Future Work: Control for conjoiner type & Regular Acceptability Task*

Thank you!