**Introduction & Objectives**

- Armenian is an understudied Indo-European language
- Little to no known child data
- Gathered data on an Armenian child for 3-ish years
- Track out her phonological development

**Armenian phonology**

- Minimum syllable is V, and maximal syllable is CVCC
- Lots of consonants and some vowels /a, e, o, i, u, a/

<table>
<thead>
<tr>
<th>Stop</th>
<th>Labial</th>
<th>Coronal</th>
<th>Dorsal/Back</th>
</tr>
</thead>
<tbody>
<tr>
<td>p, b</td>
<td>t, d,</td>
<td></td>
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<tr>
<td>k, g</td>
<td>g, k</td>
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<tr>
<td>m, n</td>
<td>f, v</td>
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<td>s, z</td>
<td>z, s</td>
<td></td>
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<tr>
<td>j, h</td>
<td>s, z</td>
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</tbody>
</table>

**Who is Maria**

- Maria (F) from Yerevan, Armenia, learning Eastern Armenian
- Lots of consonants and some vowels
- Minimum syllable is V, and maximal syllable is CjVCCk
- At 1;6, [b, m, v, ni, h, g, k, k’, d, t, s], [a, o, u, i, i], CV(CV)
- At 1;7, added [s, s’, j, s, p], [e]
- Final complex codas get reduced with C1 deletion (usually a sonorant)
- Final singleton codas are systematically deleted
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- At 1;7 -1;8, she reduces VCCV sequences
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**First word stage (cont.)**

- Maria (F) Victoria (F) Haik (M) Nareh (F)
- At 1:7, two-word utterances emerge
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**Later phonological processes (cont.)**

- At 1;9, Maria would epenthesize homorganic sounds in VCV contexts
- At 1;11, the same word appears either with or without a final consonant like adult [durs] ‘outside’ as [du, dus]
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**Other kids**

- Most data is Maria, but observed other kids too (with parents’ consent)
- The same word was pronounced in different ways by different kids
- Each child used similar strategies at different ages, because child had their own developmental path
- Looked at data on a single child’s development over 3 years
- See how she gradually increases her segmental inventory, while repairing ‘marked’ types of syllable structures
- TBD: Creating a more complete dataset from Maria and other Armenian children

**Conclusion**

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