A First Look at Lexical Stress in Mankiyali

2020 DFW Metroplex Linguistics Conference
Hosted by Dallas International University
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Presentation Overview

Language Information  Demographics  Data Collection Methods  Primary Stress Pattern  Secondary Stress Pattern  Future Research
Language Information

• Undocumented and absent from the literature
• About 500 speakers
• Spoken in Mansehra District of Pakistan’s Khyber Pakhtunkhwa Province
  • Villages: Danna and Dameka
Pakistan
Khyber Pakhtunkhwa Province
Mansehra District
Danna & Dameka
Demographics of the Mankiyali Speakers

• Speakers are Bilingual
• Many are illiterate
• Occupations
  • Agriculture and unskilled labor
  • About a dozen teachers
Data Collection Methods

• Naturally Occurring Discourse
  • Stories, personal and historical narratives, conversations, poems and songs, and recipes
• Elicitation sessions with native speaker consultants
  • Words elicited in isolation and in sentences
Overview of Weight-sensitive Stress

- Weight-sensitive stress system
- 40% of the world’s languages exhibit weight-sensitive systems
- 87% of weight-sensitive systems exhibit binary distinction: VV(C) > V(C)
- Mankiyali stress scale: VVC > VV > VCC > VC > V

Statistics from Gordon (2006)
Mankiyali Primary Stress Placement

- Sensitive to both syllable weight and the position of the syllable within a word
- Unbounded
- Sensitive to morphology
- Non-phonemic
<table>
<thead>
<tr>
<th>Number</th>
<th>Word</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>'a.za</td>
<td>‘above’</td>
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<td>2.</td>
<td>'ḍaa.kii</td>
<td>‘postman’</td>
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<td>3.</td>
<td>ku.ˈcu.ɾa</td>
<td>‘dog’</td>
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<td>4.</td>
<td>jan.ˈdar.yōz</td>
<td>‘locks’</td>
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<td>5.</td>
<td>a.na.ˈgu.gu</td>
<td>‘owl’</td>
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<tr>
<td>6.</td>
<td>pa.ba.ˈlī.ṇa</td>
<td>‘burning’</td>
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</tbody>
</table>
**VVC > VV > VCC > VC > V**

1. ma.'čʰɪr
   - ‘mosquito’
2. pro.fe.'sar
   - ‘professor’
3. 'kaŋ.sa.le
   - ‘centipedes’
4. 'man.ki.ya.li
   - ‘Mankiyali’
5. ba.'šan.da
   - ‘rain’
VVC > VV > VCC > VC > v

1. kaṟ.'sang  ‘a huge heap’
VVC > VV > VCC > VC > V

1. gand.'gii ‘dirtiness’
2. zïnd.'gii ‘life’
3. mist.'rii ‘mason’
4. ang.'raa.ṛi.ṇa ‘a weed that grows in maize crops’ (genitive)
### VVC > VV > VCC > VC > V

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<tr>
<td>1.</td>
<td>'aaz.:mm</td>
<td>‘they were’</td>
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<td>2.</td>
<td>kaa.'yaaz</td>
<td>‘paper’</td>
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<td>3.</td>
<td>baa.'leez</td>
<td>‘air’</td>
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<td>4.</td>
<td>'žããž.yaa.ra</td>
<td>‘person who looks after the watermill’</td>
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<tr>
<td>Rank</td>
<td>Example</td>
<td>Translation</td>
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<td>1.</td>
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<td>‘heaps’</td>
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<td>2.</td>
<td>mil.'yan.di.yĩ</td>
<td>‘lightning’</td>
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<td>4.</td>
<td>ši.'taa.ṇii</td>
<td>‘naughtiness’</td>
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<td>5.</td>
<td>do.'kaan.daar</td>
<td>‘shopkeeper’</td>
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<td>6.</td>
<td>'laas.le.yaal</td>
<td>‘smooth’</td>
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Secondary Stress

• Mankiyali is highly sensitive to both stress clash and stress lapse

Examples:
1. 'ni.ca ‘small’
2. a.'soor ‘walnut’
3. 'xaa.pi.,rak ‘bat’
4. 'co.ki.'daar ‘watchman’
5. kr.'taa.baz ‘book’ (dative)
6. 'i ti.'f aa.ka.,ña ‘consensus’
7. 'žããž.yaa.,ra ‘watermill watchman’
8. lun.'gee.ṛi.,ña ‘fox’ (genitive)
Summary of Lexical Stress in Mankiyali

• Primary Stress
  • Default position – penultimate syllable
  • 5-way stress scale: VVC > VV > VCC > VC > V

• Secondary Stress
  • Occurs on every other syllable away from the primary stress location
Future Research

• The effects of syllable weight on other prosodic phenomena in Mankiyali
  • Tone
  • Compensatory Lengthening
  • Metrics
  • Minimal Word Constraints
References


