Duration as a Secondary Cue to Degree of Darkness in Laterals in Albanian

Previous findings

- **Catalan** (Majorcan Catalan (dark lateral) vs. Valencian Catalan (clear lateral), Recasens and Espinosa, 2005)
- **British English, American English** (clear and dark allophones, Newton, 1996 (British), Huffman, 1997 (American))
- **African American English** (Van Hofwegen, 2011)
- **Albanian** (phonemic contrast; 2 speakers; Jubani-Bengu, 2012)

**F2-F1 values**

<table>
<thead>
<tr>
<th>V</th>
<th>/a/</th>
<th>-67%</th>
<th>/o/</th>
<th>-49%</th>
<th>/ɛ/</th>
<th>-49%</th>
<th>/u/</th>
<th>-58%</th>
</tr>
</thead>
<tbody>
<tr>
<td>i</td>
<td>-54%</td>
<td></td>
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</table>

**Perception**

- Listeners  
  n = 48

**Production**

- Speakers  
  n = 46

χ²[1] = 743, p<.001

Visual-Analog-Scale judgment of /V-/lateral-a/ non-words where the lateral is a five x five-step continuum created by systematically varying F2-F1 values and duration “I” “II”

**Tasks**

Production of the words “pula” (‘the hen’), “pulla” (‘the postal stamp’), “hala” (‘the fishbones’), “halla” (‘the aunt’) in a carrier sentence (“në këtë foto është [target word]” (‘in this picture is [target word]’)

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