**OUR QUESTION:** Data management, archiving, and dissemination are the backbone of data citation and attribution. **How does data relate to employability?**

### 1. THE JOB MARKET

**Question:** How does the linguistic job market approach data?

**Barometer:** LINGUIST List job postings in 2006, 2011, 2015, 2016 Any faculty positions in the U.S. | Any linguistic subfield

**Target:** Mentions data management, archiving, or dissemination

**Results:** 12 total postings over ten years mention data

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Job Postings</th>
<th>Mentions Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>68</td>
<td>7</td>
</tr>
<tr>
<td>2015</td>
<td>159</td>
<td>6</td>
</tr>
<tr>
<td>2011</td>
<td>87</td>
<td>0</td>
</tr>
<tr>
<td>2006</td>
<td>197</td>
<td>1</td>
</tr>
</tbody>
</table>

### 2. GRADUATE EDUCATION

**Question:** How are we training future linguistics faculty in data?

**Barometer:** Top 25 Quacquarelli Symonds-ranked linguistics programs: 20 in U.S., 5 international Course descriptions from any subfield

**Target:** Descriptions mentioning training in data management, archiving, or dissemination

**Results:**
1) 19 schools have course descriptions mentioning data training
2) 6 do not provide course descriptions, or their course catalogue is closed

### 3. CONCLUSIONS

**Job Market**
- Very few job postings talk about data management, archiving, or dissemination
- Postings mention little to nothing about reproducible research
- But the existing mentions of data are promising

**Graduate Education**
- Programs offering field methods courses addressed issues of data collection and analysis
- With few exceptions, only computational methods courses described long-term data management or dissemination

**Overall**
- Students enrolled in linguistics graduate programs have opportunities for training in data collection, management and preservation...
- Especially if their department has a focus in sociolinguistics, language documentation, or computational linguistics
- Hiring committees are slowly becoming increasingly concerned that job candidates have experience with data beyond just doing research on primary language data

### Key Language from Relevant Postings
- Research with “database design and management”
- Applicants for “interdisciplinary research in data science”
- Wanting individual to leverage “massive data repositories … and/or their own data collection efforts”
- Specialization in “in very large data resources (so-called ‘Big Data’)”
- Someone to “utilize traditional and digital archival techniques to expand and maintain a public collection” of language data

### Universities with Data Training

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collection</td>
<td>9</td>
</tr>
<tr>
<td>Analysis</td>
<td>7</td>
</tr>
<tr>
<td>Management</td>
<td>4</td>
</tr>
<tr>
<td>Preservation</td>
<td>5</td>
</tr>
<tr>
<td>Dissemination</td>
<td>2</td>
</tr>
</tbody>
</table>

### Which Kinds of Courses Focus on Data Training?

- Sociolinguistics
- Language documentation
- Field linguistics
- Computational linguistics

**Thanks!**
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