Morphology (graduate)  
형태론연구  

Jongho Jun  
Spring 2017

Syllabus

<table>
<thead>
<tr>
<th>Time</th>
<th>Thursday 1-4 pm</th>
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<tbody>
<tr>
<td>Place</td>
<td>2-320</td>
</tr>
<tr>
<td>Office Hours</td>
<td>Wednesday 2:30-4:30 pm &amp; by appointment (office: 3-407)</td>
</tr>
<tr>
<td>E-mail/ Phone</td>
<td><a href="mailto:jongho@snu.ac.kr">jongho@snu.ac.kr</a> / 880-6169</td>
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Prerequisite: Phonology I (or any comparable courses)  
Some basic knowledge of Optimality Theory is necessary.

Description & Goals

This course reviews the previous studies on morphophonological processes in Korean for the purpose of obtaining an optimal description and analysis of relevant data. Specifically, I plan to discuss the following processes:

- sai-siot
- n-insertion
- vowel harmony in verbal inflection
- coronal palatalization

As you will see, most of these processes show variation, and thus their optimal accounts should be based on the currently accepted theories for the treatment of variation. Before I get into the discussion of Korean morphophonology, I will go over some of relevant statistical methods and probabilistic versions of Optimality Theory developed in recent years, while addressing how variable patterns can be learned and used.

The goals of this course include the following:

First, I want to address the issues involved in the description and analysis of the above morphophonological processes in Korean.

Second, I want to equip you with the software, shown below, that is useful when you deal with variation.

- OTSoft ([http://www.linguistics.ucla.edu/people/hayes/otsoft/](http://www.linguistics.ucla.edu/people/hayes/otsoft/))
- Praat ([http://www.fon.hum.uva.nl/praat/](http://www.fon.hum.uva.nl/praat/))
- Maxent Grammar Tool ([http://www.linguistics.ucla.edu/people/hayes/MaxentGrammarTool/](http://www.linguistics.ucla.edu/people/hayes/MaxentGrammarTool/))
- UCLA phonotactic learner ([http://www.linguistics.ucla.edu/people/hayes/Phonotactics/Index.htm](http://www.linguistics.ucla.edu/people/hayes/Phonotactics/Index.htm))

In addition, I will sometimes use the free statistical package called R in class. If you do not have statistical software, it would be good to install it on your computer:

☑️ R ([https://www.r-project.org/](https://www.r-project.org/)), RStudio ([https://www.rstudio.com/](https://www.rstudio.com/))

Much of the class material, especially for the first half of the course, will be drawn from handouts for my phonology seminar class, fall 2015.

Specific class topics, materials and even schedule may change depending on the result of the survey today.
Readings
- Assigned readings will be posted to the class dropbox folder.
- If you do not know statistics at all, you may read:
- This book is recommended to a more advanced reader:
  Cambridge: Cambridge University Press. (draft: http://www.sfs.uni-tuebingen.de/~hbaayen/publications/baayenCUPstats.pdf)

Requirements
- Readings and class participation
- A final term paper and its presentation
- Homework assignments (?)
- To lead discussion of one of the assigned readings (?)

Final term paper
- Select topic and meet with me by April 27.
  Your term paper should bear on the course content, but it doesn’t have to be about Korean.
- Submit a one-page outline of the paper by May 18.
- Paper Presentation: Last week (June 8)
- Paper Due: June 12

If you have any questions, you can email or talk to me. For discussions, you can either take my office hours or make an appointment with me.

Tentative Class Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>Readings</th>
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<tbody>
<tr>
<td>1. 3/2</td>
<td>syllabus</td>
<td></td>
</tr>
<tr>
<td>2. 3/9</td>
<td>Stat (1)</td>
<td></td>
</tr>
<tr>
<td>3. 3/16</td>
<td>Stat (2)</td>
<td></td>
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<tr>
<td>6. 4/6</td>
<td>sai-siot</td>
<td>Zuraw (2011), Ito (2014)</td>
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<td>7. 4/13</td>
<td>sai-siot</td>
<td>Ko (1992)</td>
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<td>8. 4/20</td>
<td>No class</td>
<td></td>
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<tr>
<td>9. 4/27</td>
<td>n-insertion</td>
<td>Kim et al. (2002), Lee &amp; Kapatsinski (2014)</td>
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<tr>
<td>10. 5/4</td>
<td>n-insertion</td>
<td>Jun (2015)</td>
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<tr>
<td>11. 5/11</td>
<td>vowel harmony</td>
<td>Kang (2012)</td>
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<tr>
<td>14. 6/1</td>
<td>conclusion</td>
<td></td>
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<tr>
<td>15. 6/8</td>
<td>Paper presentation</td>
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- Papers will be added to the list of readings.
- No class on 4/20, but the ‘no class’ date might be changed to 5/4.
Bibliography

• If important papers, in particular on Korean morphophonology, are missing below, please let me know.

Probabilistic OT


Anttila, Arto (1997b) Deriving variation from grammar. CILT 146.


Sai-siot


*Ko, Kwang-mo* (1992) The n-epenthesis and sai-sios in Korean. [n chemkawa saisiose y} 

Moon, Soo-Mee (1989) *A phonetic study of ‘Sais-Sori’ Current Korean – An experimental phonetic approach*. [hyentay kwukeuy saisiori y} 


Ko, Kwang-mo (1992) The n-epenthesis and sai-sios in Korean. [niun chemkawa saisiose y} 


Oh, Mira (2006). Reexamination of environments for /n/-insertion. [Niun-sapiap hwankwukeuy y} 


Vowel harmony


coronal palatalization


