

COMPLETION REPORT

Brawijaya University

Rike Febriyanti

Subject of Research Project: Depicting the Potential of the Students Whose Native Language is Ethnic Language in Indonesia in Identifying and Producing Japanese Language *Chouon* and *Sokuon*

I discovered that the institutions I attended had developed into a mingling area for diverse ethnic groups from different regions of Indonesia. I encountered three non-Javanese ethnic groups at Brawijaya University in Malang City, East Java: the Banjars from Kalimantan, the Bugis from Sulawesi, and the Sasaks from West Nusa Tenggara. I spoke with Malay - Minang speakers from various West Sumatran cities at Andalas University, in Padang, West Sumatra. In addition to Malay speakers, I also ran upon Batak, Mandarin, Flores, and Acehnese speakers at the University of North Sumatra. I first encountered Javanese with its three primary dialects—the Central Javanese Dialect, the Ngapak Dialect, and the Coastal Javanese Dialect—at Semarang State University. I chatted with students at STIBA YAPARI, Bandung, who spoke Sundanese with a variety of regional dialects, Betawi, and Javanese. I encountered students speaking different dialects of Balinese at the Ganesha University of Education, Bali, including those from Karangasem, Bedugul, and Denpasar. This variety demonstrates that Indonesia is a nation with many different ethnic languages and dialects. The Japanese they learn, meanwhile, is typically only applied while they are on campus and participating in Japanese classes. They will resume speaking Indonesian or their native tongue while still on campus but not in Japanese classes.

As the theme of this study, I found the following results:

1. I recorded and questioned 60 students from 6 universities. The students I observed were between the ages of 19 and 21. I utilized the PRAAT software to accurately depict the student voice recordings. With the help of descriptive statistical methods, normality tests, Shapiro-Wilk and Kolmogorov-Smirnov significance tests, and SPSS, I was able to examine the numbers I obtained from the PRAAT in a descriptive manner.
2. A total of 41% of students from various universities in various parts of Indonesia who actively speak Indonesian and other regional languages are unable to identify and to produce *sokuon* and *chouon* or do so incorrectly.
3. Students produced an average of *chouon* or long vowel sounds at various positions in a word for 0.219 seconds, longer than native Japanese speakers'.
4. Students create an average of *sokuon* or double consonant sounds lasting 0.28 seconds at different positions in a word, this duration is substantially more than the typical duration of a *sokuon* or double consonant, which is 0.137 seconds. They pronounce the *sokuon* with a flat intonation.
5. The students' energy density is far lower (625 Hz) than that of native speakers, who typically generate sounds at a frequency of 2225 Hz.
6. 83.1% of the data cannot be classified as normally distributed in terms of low frequency because the gap is too great and right-skewed. This demonstrates that students' voices, which are very quiet and nearly inaudible, produce low-frequency values.
7. I did not detect a substantial correlation between the students' mother language backgrounds and their capacity to produce *sokuon* and *chouon*.

Publication of the Results of Research Project:

Verbal Presentation (Date, Venue, Name of Conference, Title of Presentation, Presenter, etc.)

Date: under review (plan to presentation at Bali, 25-27 October 2023)

Name of Conference: ICOLLEC (International Conference on Language, Literature, Education and Culture).

Title of Presentation: Phonological Short-Term Memory of Students' Listening And Speaking Skills In Japanese *Sokuon*.

Presenter: Rike Febriyanti

Thesis (Name of Journal and its Date, Title and Author of Thesis, etc.)

Name of journal: *Lingua Cultura* (BINUS University)

Date: under review (plan to publish December 2023)

Title and Author Thesis: The Profile of Short Vowel in the Japanese Language That Determines The Meaning As Pronounced by University Students in Indonesia. Author: Rike Febriyanti

Book (Publisher and Date of the Book, Title and Author of the Book, etc.)

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