

Shilluk_2016_controlled_ThreeLevelVowelLength

This dataset forms the basis of the paper "Three-level vowel length in Shilluk" authored by Remijsen, Ayoker, & Jørgensen (to appear). This paper has been provisionally accepted for publication in *Phonology*. This readme document describes the contents and structure of the dataset.

Language: Shilluk

Dialect: not restricted: most speakers come from the southern part of the Shilluk-speaking region (Lwak), but two come from the northern part (Gar). To the best of our knowledge, dialect is irrelevant to the phenomenon under investigation.

Date and place: all of the recordings were made in Juba, in June-July 2016.

Equipment: audio recordings were made using a Marantz PMD 660 solid-state recorder and a Shure SM10A headset-mounted microphone.

Data types:

- sound files in wav format at a sampling frequency of 48 kHz (526 files);
- segmentations of the wav files, in the Praat-specific TextGrid format (404 files – segmentations are only available for those items included in the papers);
- F0 traces derived from the wav files, in the Praat-specific Pitch and PitchTier formats (808 files, 404 Pitch objects, 404 PitchTier objects – only available for those items included in the papers);
- Formant objects derived from the wav files, in the Praat-specific Formant format (408 files – mostly available for those items included in the papers);
- The elicitation list is included (elicitationlist.pdf); see also Table 11 in Remijsen, Ayoker & Jørgensen (to appear).

Speakers: Eight native speakers of Shilluk (4 male, 4 female). We gratefully acknowledge their contribution. They are Augustino Changjwok Otin, Elizabeth Antipas Onak, Francis Boyoumo Opiti, James Olwak Laa, Josephina Romano Oyvac, Maria Bocay Onak, Peter Mojwok Yor, Stephen Okwen Agwet, Teresa Akic Awanh, and Yoana Nyathaji Kolang.

Recorded by: Bert Remijsen, with the assistance for Otto Gwado Ayoker (both working for University of Edinburgh)

Permissions: The speakers have all agreed for the speech data to be used for research, and to be disseminated. Agreement was recorded through signature on a consent form. They requested for their contribution to be acknowledged. This is why they are mentioned by name above and in Remijsen, Ayoker & Jørgensen (to appear).