

SyllabO+
Summary of audio recordings (speech samples) information

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LABORATOIRE DES NEUROSCIENCES
DE LA PAROLE ET DE L'AUDITION

SPEECH AND HEARING
NEUROSCIENCE LABORATORY

Recordings information

- A total of 225 audio recordings from different speakers were used to create the database.
- 138 samples were recorded in formal communication context, whereas 87 were recorded in informal context.
- All samples – both formal and informal – were recorded in a spontaneous speech context. There was no acting, no discourse or other text reading, no files taken from movies, plays or other scripted (non spontaneous) form of oral communication.
- Among the audio recordings, 99 were recorded by the laboratory team of the PI, Dr. Tremblay (between years 2013-2016), and 126 were obtained through online public resources.
- The number of females in the sample is 111 and the number of males is 114. The mean age is 54.5 ± 19.6 years (range 20-97 years). The number of years of education is 16.5 ± 3.9 years (range 7-27 years), (note that years of education was calculated only with speakers for which we had this data, i.e. participants recorded by our team).
- On average, 1358 words were transcribed per speaker.
- All recordings were made between 2000 and 2016.

Summary table

Table 1. Number of words transcribed and number of speakers (N) according to age, sex, and communication context (formal, informal)

Age	18 – 45 years		46 – 70 years		71 – 100 years		Total
Genre	Male	Female	Male	Female	Male	Female	
Context							
Formal	23352 (N = 28)	22521 (N = 25)	23529 (N = 26)	26194 (N = 26)	25535 (N = 18)	15482 (N = 15)	136613 (N = 138)
Informal	24721 (N = 12)	27364 (N = 12)	24102 (N = 11)	26094 (N = 11)	30993 (N = 19)	35706 (N = 22)	168980 (N = 87)
Total	48073 (N = 40)	49885 (N = 37)	47631 (N = 37)	52288 (N = 37)	56528 (N = 37)	51188 (N = 37)	305593 (N = 225)