

Description form - PROVIDER

Language Resources: Speech

S.1. GENERAL INFORMATION

Type of resource:

- ☐ Telephone fixed
 ☐ Telephone mobile
 ☐ Telephone IP
☒ Desktop/Microphone
 ☐ Other :

Acquisition mode :

- ☒ Acoustic
 ☐ Articulatory
 ☐ Aerodynamic
☐ Physiologic
 ☐ Other :

Speech style(s) :

- ☒ Spontaneous
 ☐ Read
 ☐ Elicited
☐ Assisted
 ☐ Prompted
 ☐ Other :

Description (e.g. interview, casual conversation, etc.) :

Task-oriented language

Speech content:

No. of items:

No. of items:

- | | | | |
|--|-------|--|-------|
| <input type="checkbox"/> Application words | _____ | <input type="checkbox"/> Digit-set | _____ |
| <input type="checkbox"/> Concatenated words | _____ | <input type="checkbox"/> Isolated digits | _____ |
| <input checked="" type="checkbox"/> Isolated words | 67884 | <input type="checkbox"/> Natural numbers | _____ |
| <input type="checkbox"/> Syllables | _____ | <input type="checkbox"/> Money amounts | _____ |
| <input type="checkbox"/> VCV sequences | _____ | <input type="checkbox"/> Credit card numbers | _____ |
| <input checked="" type="checkbox"/> Continuous sentences | 14942 | <input type="checkbox"/> Telephone numbers | _____ |
| <input type="checkbox"/> Phonetically rich sentences | _____ | <input type="checkbox"/> Yes/no questions | _____ |
| <input type="checkbox"/> Phonetically balanced sentences | _____ | <input type="checkbox"/> Other: | _____ |

Speech setting:

- ☐ Monologue
 ☒ Dialogue
 ☐ Multilogue

Recording scenario(s):

- ☐ Office
 ☐ Other room
 ☐ Public place (open)
☐ Public place (closed)
 ☐ Moving vehicle
 ☐ Vehicle standing still
☐ Dead room
 ☒ Studio
 ☐ Other:

Comments :

Microphone type: Sennheiser SC60 (15 dyads), Shure WH20 (27 dyads)

Telephone type: —

Network type: Local Area Network

Application:

- ☒ Discourse analysis
 ☐ Language identification
 ☐ Speaker identification
☐ Speaker verification
 ☐ Speech recognition
 ☒ Spoken dialogue systems
☐ Voice control
 ☐ Speech synthesis
 ☒ Other : Natural language understanding

S.2. SPEAKER SPECIFIC INFORMATION

Sex and number of speakers:

☒ Male Number: 53

☒ Female Number: 31

☐ Impostors Number:

Total number: 84

Age class: (please indicate number of speakers and age)

☐ Children I (__ to __)

☐ Adults I (__ to __)

☐ Elderly (over 60)

☐ Children II (__ to __)

☐ Adults II (__ to __)

☐ Age unknown

☐ Teenagers I (__ to __)

☐ Adults III (__ to __)

☒ Other distribution:

☐ Teenagers II (__ to __)

☐ Adults IV (__ to __)

Age of majority <18+

Origin:

☒ Native

☒ Non native

☐ Unknown

Comments:

Geographic distribution:

Total number of regions: 1

Percentage per region: 100%

Regions included: Stockholm, Sweden

Information included about:

☐ Place of living

☐ Place of birth

☒ Dialect/accent

Comments: Dialect/accent assessed post-hoc by linguist

Additional speaker information included:

☐ Speaking/hearing impairments

☐ Height

☐ Weight

☐ Smoking habits

☐ Trained speakers

☐ Education level

☐ Profession

☐ Place of (secondary) education

☒ Other: Familiarity with dyad partner

Comments:

S.3. LEXICON

Lexicon included:

☒ Yes

☐ No

Size (number of lexicon entries): 1781

Format:

☐ ASCII

☐ SGML

☐ TEI

☒ Other: Tab-separated values

Pronunciation lexicon:

☐ Available

☒ Not available

Transcriptions:

☒ Canonical only

☐ Canonical + alt. pronunciation

☐ Automatically generated

☐ Checked manually

☒ Generated fully manually

☐ Other:

Phoneme set:

☐ SAMPA

☐ IPA

☐ CPA

☐ DARPA

☐ Other:

S.4. LINGUISTIC INFORMATION AND SEGMENTATION

Linguistic annotation:

- | | | |
|--|--|-----------------------------------|
| <input checked="" type="checkbox"/> Orthographic | <input type="checkbox"/> Morphological | <input type="checkbox"/> Phonetic |
| <input type="checkbox"/> Syntactic | <input type="checkbox"/> Semantic | <input type="checkbox"/> Prosodic |
| <input type="checkbox"/> Other: | | |

Level of segmentation: *Utterance*Level of annotation: *Word (lexical forms)***Annotation standard:**

- | | | |
|-----------------------------------|--|---|
| <input type="checkbox"/> SAM | <input type="checkbox"/> SGML | <input checked="" type="checkbox"/> XML |
| <input type="checkbox"/> NIST/LDC | <input checked="" type="checkbox"/> Other: <i>Tab-separated values</i> | |

S.5. TECHNICAL INFORMATION

Signal encoding:

- | | | |
|---------------------------------|-------------------------------------|--|
| <input type="checkbox"/> A-law | <input type="checkbox"/> μ -law | <input checked="" type="checkbox"/> Linear PCM |
| <input type="checkbox"/> Other: | | |

File format:

- | | | |
|---------------------------------|---|---|
| <input type="checkbox"/> AIFF | <input checked="" type="checkbox"/> Wav | <input type="checkbox"/> Without header |
| <input type="checkbox"/> SAM | <input type="checkbox"/> NIST/Sphere | <input type="checkbox"/> Au |
| <input type="checkbox"/> Other: | | |

Sampling rate:

- | | | |
|---|--|---------------------------------|
| <input type="checkbox"/> 8 kHz | <input checked="" type="checkbox"/> 16 kHz <i>15 dyads</i> | <input type="checkbox"/> 32 kHz |
| <input checked="" type="checkbox"/> 44,1 kHz <i>2.6 dyads</i> | <input checked="" type="checkbox"/> 48 kHz <i>1 dyad</i> | <input type="checkbox"/> Other: |

Quantization:

- | | | |
|---------------------------------|--|---------------------------------|
| <input type="checkbox"/> 8 bit | <input checked="" type="checkbox"/> 16 bit | <input type="checkbox"/> 32 bit |
| <input type="checkbox"/> Other: | | |

Byte order:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Lo-hi (Intel) | <input type="checkbox"/> Hi-lo (Motorola) |
|---|---|

Data format:

- | | | |
|--|---|---------------------------------|
| <input checked="" type="checkbox"/> Signed integer | <input type="checkbox"/> Unsigned integer | <input type="checkbox"/> Other: |
|--|---|---------------------------------|

Amount of data:Size (Mb, Gb, etc) or duration (minutes, hours, etc): *10:47:35***Compression:**

- | | | |
|--|----------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Shorten | <input type="checkbox"/> Other: |
|--|----------------------------------|---------------------------------|

Number of recording channels:

- | | | |
|-----------------------------------|--|---------------------------------|
| <input type="checkbox"/> 1 (mono) | <input checked="" type="checkbox"/> 2 (stereo) | <input type="checkbox"/> 3 |
| <input type="checkbox"/> 4 | <input type="checkbox"/> 8 | <input type="checkbox"/> Other: |

Sound quality measures included:

- | | | |
|---|-------------------------------------|--|
| <input type="checkbox"/> SNR | <input type="checkbox"/> Cross talk | <input type="checkbox"/> Clipping rate |
| <input type="checkbox"/> Background noise | <input type="checkbox"/> Other: | |

Tools used for measuring sound quality:

S.6. FURTHER COMMENTS

Each participant in a dyad is recorded in one channel for two channels per dyad in total.

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