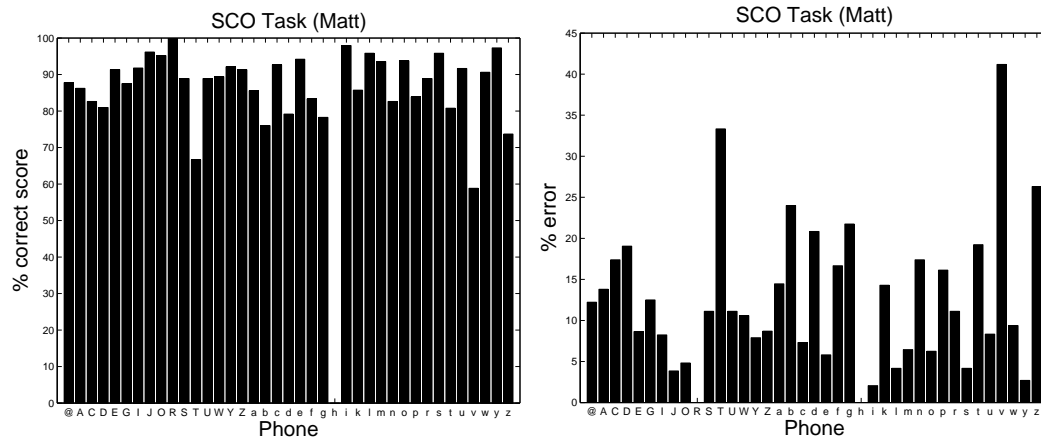


Analysis SCO data of Tina and Matt

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1 Matt



1.1 Consonants

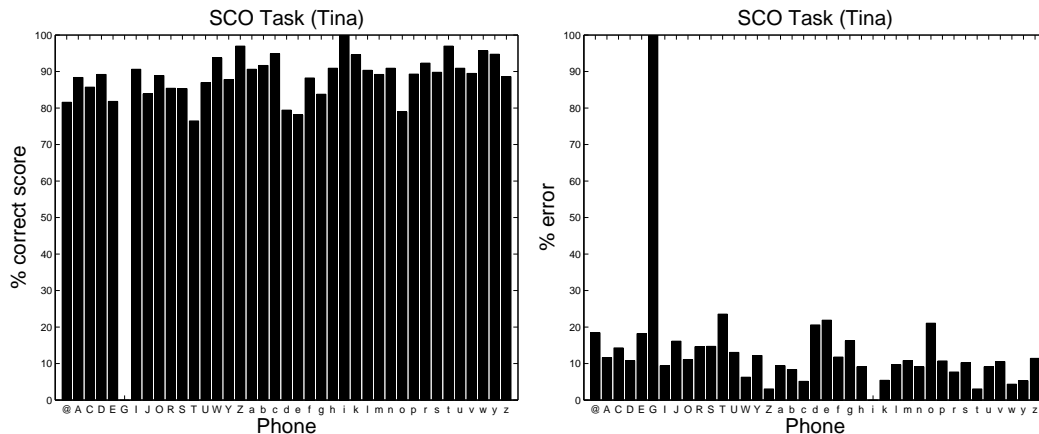
- Consonant discrimination for CV triplets (94.2%) significantly greater than that for VC triplets (84.1%).
- Highest errors for /v/ (41.2%) and /T/ (IPA:/θ/, 33.3%). Both consonants are mostly confused with /f/. All other consonant errors < 25%.

(Caution: All combinations of the consonants are not presented. So it is possible that a consonant is confusable with another consonant, but is not seen in the data, if that pair was not presented. Same goes for vowels.)

1.2 Vowels

- No significant effect of position on vowel discrimination (CV:91.6%, VC:91.4%).
- All vowel errors < 15%.

2 Tina



- Consonant discrimination for CV triplets (89.2%) significantly greater than that for VC triplets (75.0%). (Caution: Only 16 VC were presented for consonant-discrimination.)
- Consonant /G/ (IPA: /ŋ/) has 100% error, however it was presented only once.
- Consonant /T/ (IPA: /θ/) has 23.5% error. It is mostly confused with /D/ (IPA: /ð/), /S/ (IPA: /ʃ/) and /z/.
- Consonant /d/ has 20.6% error. It is mostly confused with /p/ and /z/.
- All other consonant errors are < 17%.

2.1 Vowels

- Vowel discriminations scores are CV:80.8%, VC:89.1%.
- Vowel /e/ has 21.9% error. It is mostly confused with /@/ (IPS: /æ/), /A/ (IPA: /ɑ/) and /Y/ (IPA: /ɪ/).
- Vowel /o/ has 21.1% error. It is mostly confused with /e/, /a/ (IPA: /a/), /W/ (IPS: /ɑʊ/), /O/ (IPA: /ɔ/) and /Y/ (IPA: /ɪ/).
- All vowel errors < 19%.