

Data analysis done by C.Scheidiger 8/23/2011 updated 8/26/2011 (removed consonant H) updated 9/8/2011 (removed r for Edward and replaced error rate by sound)

Overview

This document displays four confusion matrices in a stacked bar graph for the fifteen subjects of the NSCM-experiment.

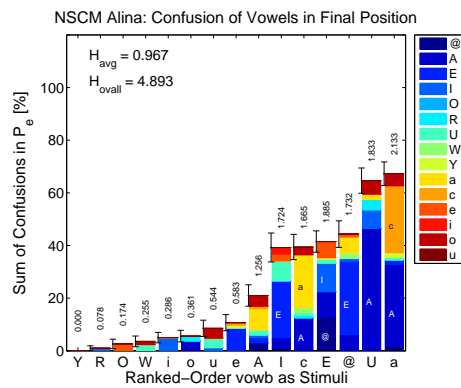
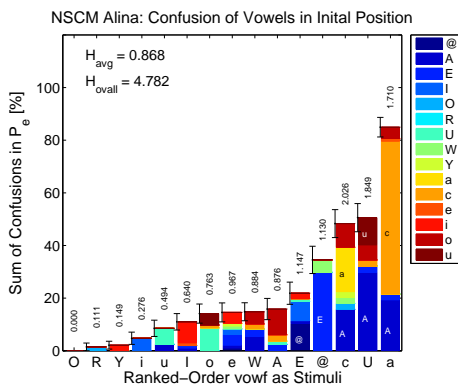
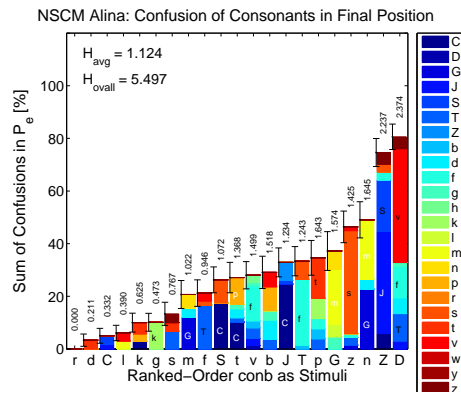
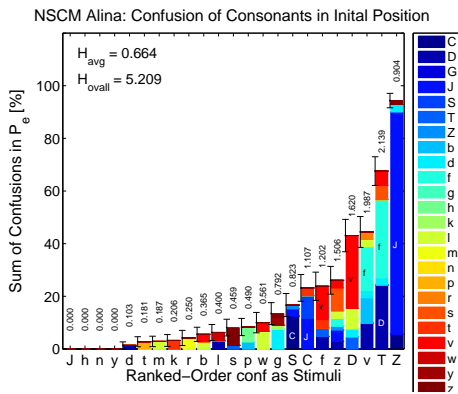
Each subject is listed on a page and every page consists of four plots. In all the plots the abscissa lists the stimuli ranked in order of how often they got confused by the subject. The ordinate shows the sum of confusion. The stacked bars above each stimulus indicate with which vowel(s)/consonant(s) the actual stimulus got confused with.

The upper left plot always shows the confusion for stimuli with consonants in initial position. Whereas the upper right plot shows the confusion for stimuli with consonants in final position.

The lower plots show the data for stimuli with vowels in initial position (left) and in final position (right) respectively. Color Code for subjects:

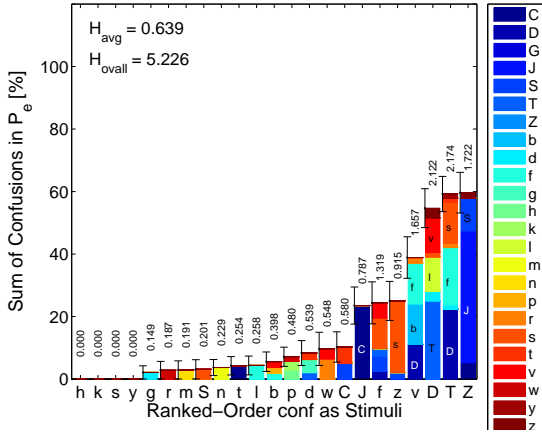
- Reading Disabled Group
- Normal Reader Group

Alina

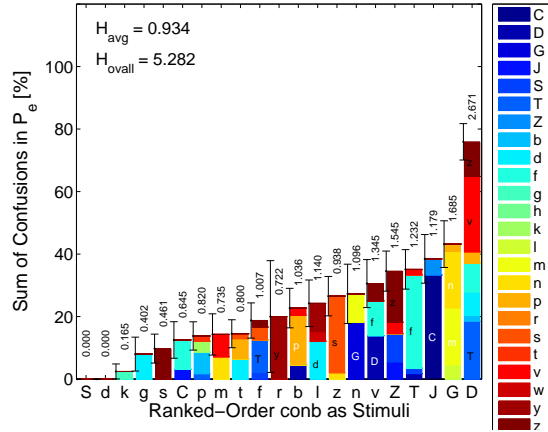


Angela

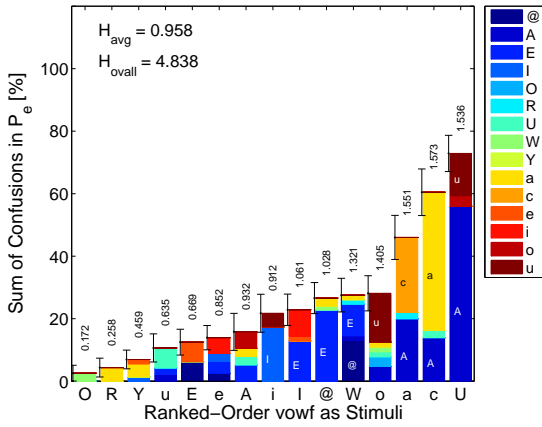
NSCM Angela: Confusion of Consonants in Inital Position



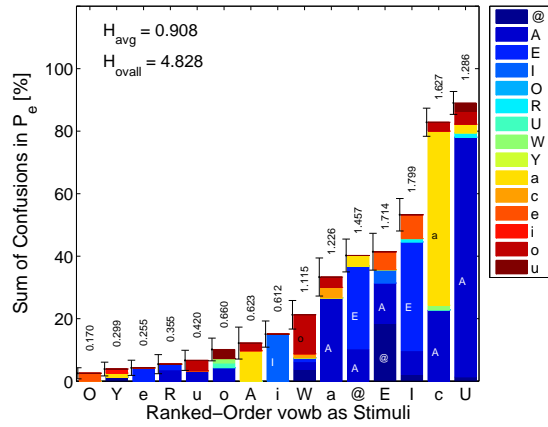
NSCM Angela: Confusion of Consonants in Final Position



NSCM Angela: Confusion of Vowels in Inital Position

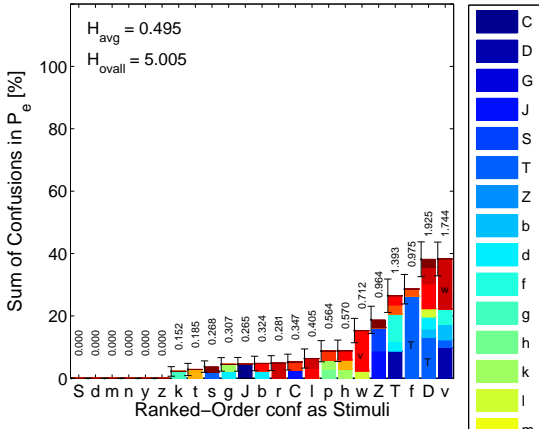


NSCM Angela: Confusion of Vowels in Final Position

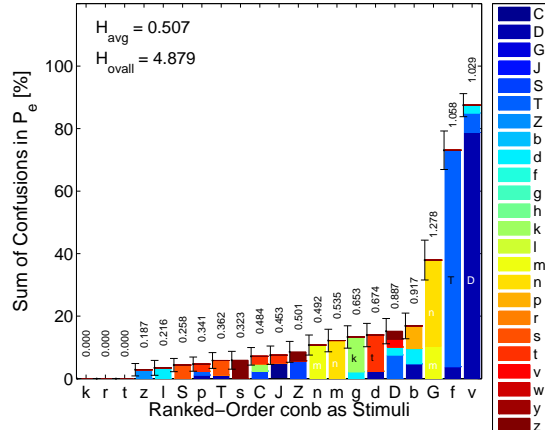


Anton

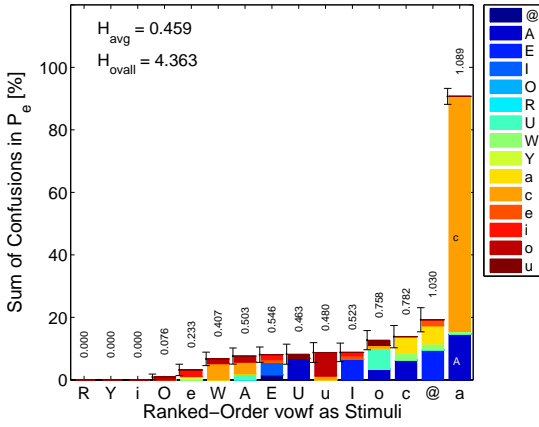
NSCM Anton: Confusion of Consonants in Inital Position



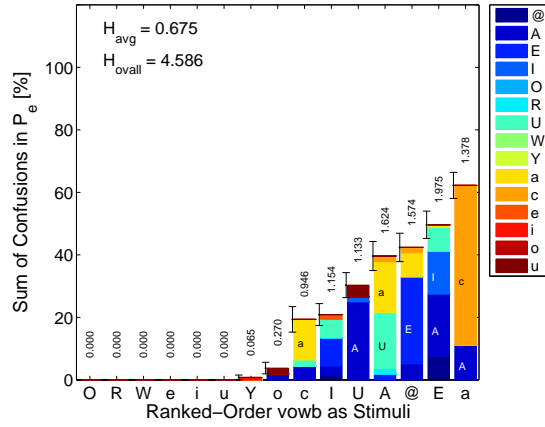
NSCM Anton: Confusion of Consonants in Final Position



NSCM Anton: Confusion of Vowels in Inital Position

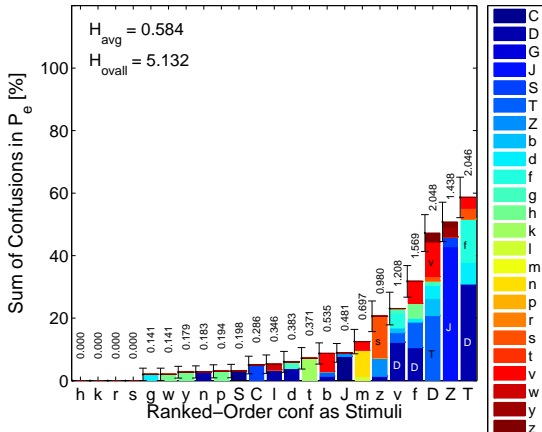


NSCM Anton: Confusion of Vowels in Final Position

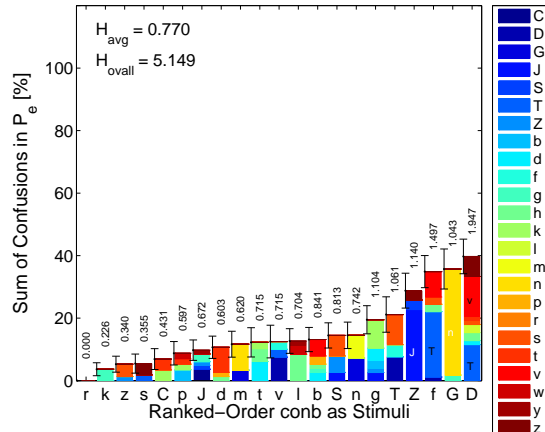


Bob

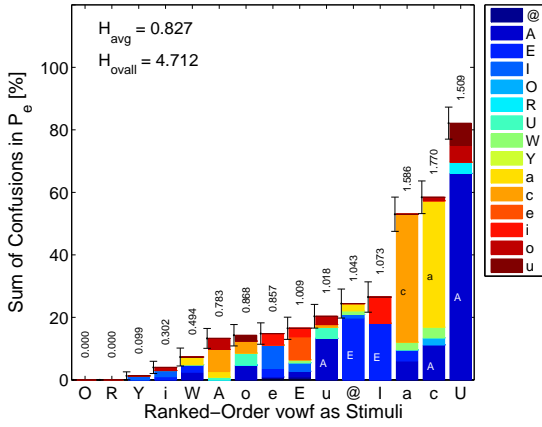
NSCM Bob: Confusion of Consonants in Inital Position



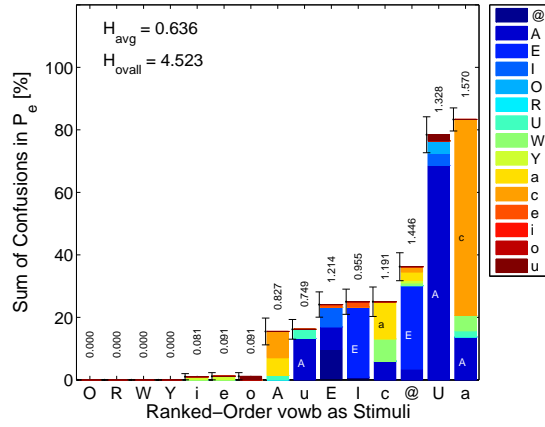
NSCM Bob: Confusion of Consonants in Final Position



NSCM Bob: Confusion of Vowels in Inital Position

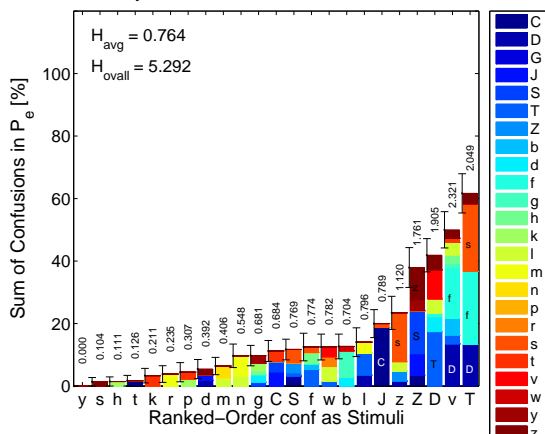


NSCM Bob: Confusion of Vowels in Final Position

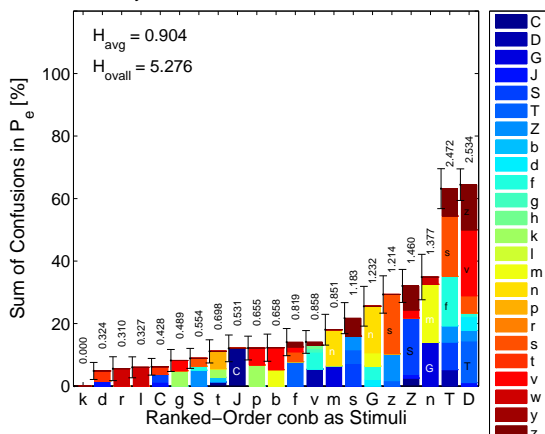


Carly

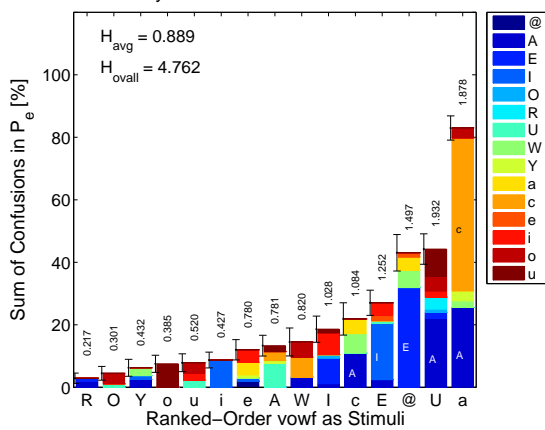
NSCM Carly: Confusion of Consonants in Initial Position



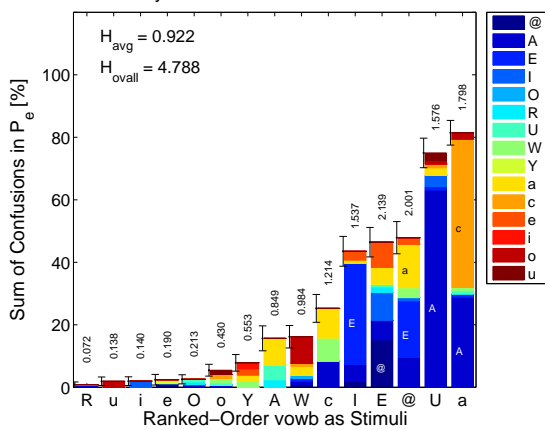
NSCM Carly: Confusion of Consonants in Final Position



NSCM Carly: Confusion of Vowels in Initial Position

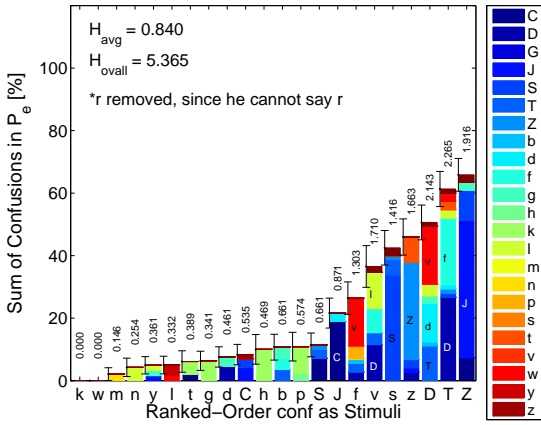


NSCM Carly: Confusion of Vowels in Final Position

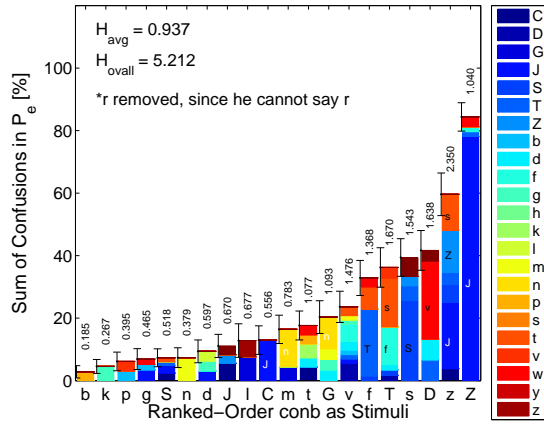


Edward

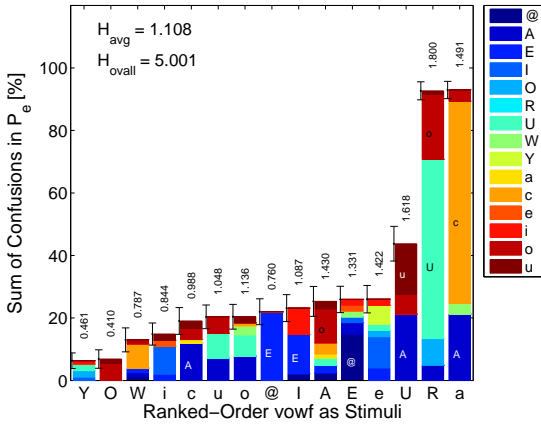
NSCM Edward: Confusion of Consonants in Inital Position



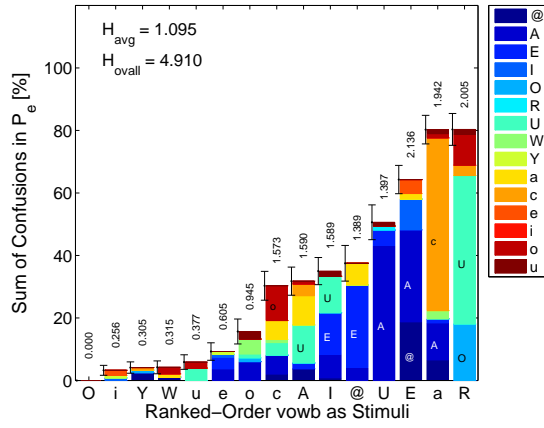
NSCM Edward: Confusion of Consonants in Final Position



NSCM Edward: Confusion of Vowels in Inital Position

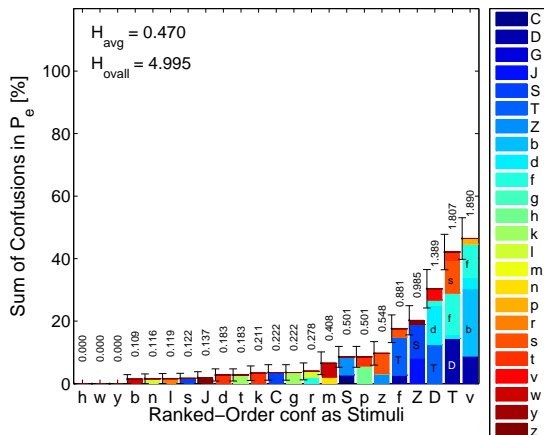


NSCM Edward: Confusion of Vowels in Final Position

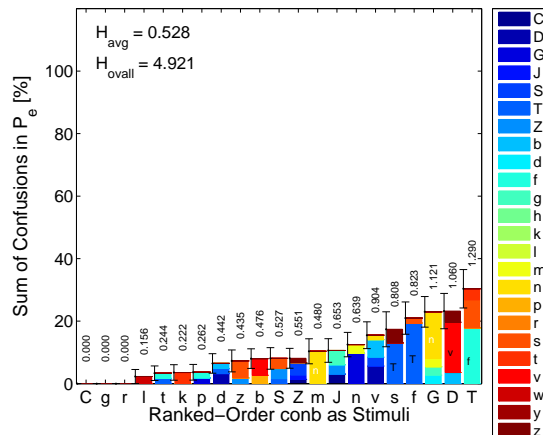


Evan

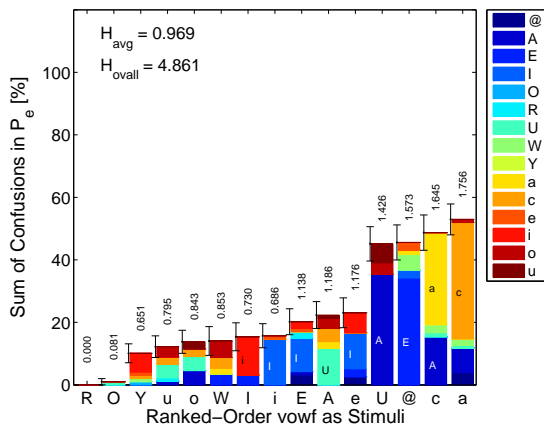
NSCM Evan: Confusion of Consonants in Initial Position



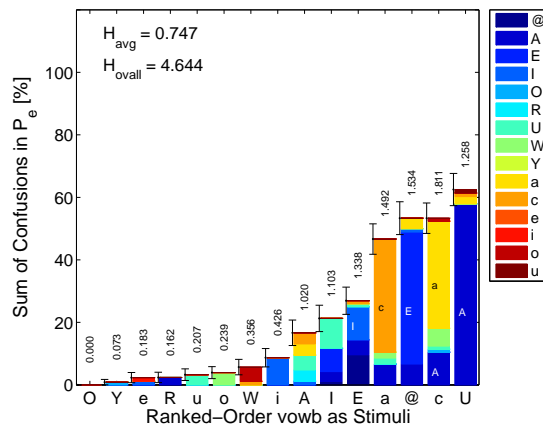
NSCM Evan: Confusion of Consonants in Final Position



NSCM Evan: Confusion of Vowels in Initial Position

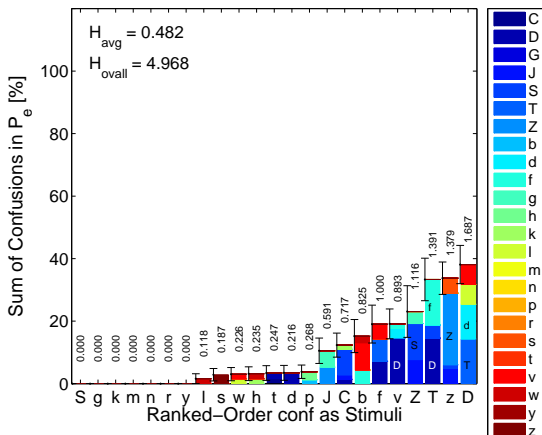


NSCM Evan: Confusion of Vowels in Final Position

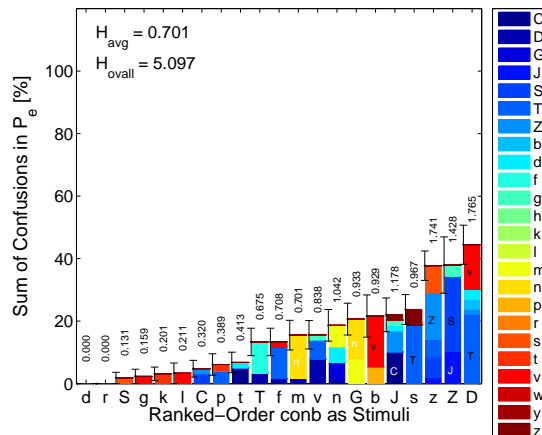


Joanna

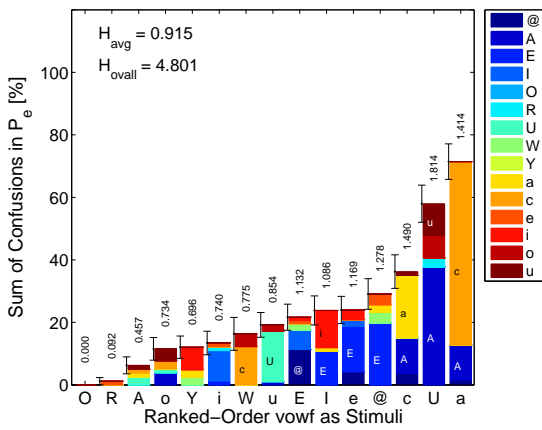
NSCM Joanna: Confusion of Consonants in Inital Position



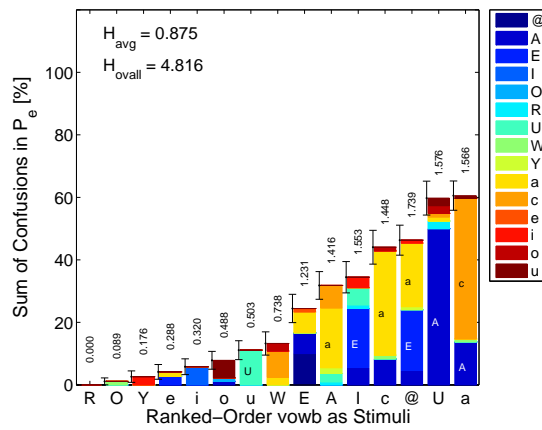
NSCM Joanna: Confusion of Consonants in Final Position



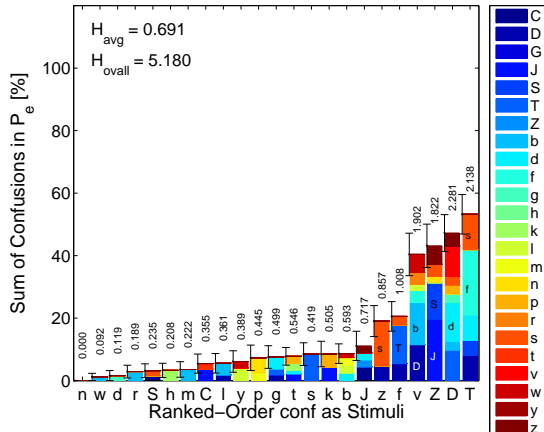
NSCM Joanna: Confusion of Vowels in Inital Position



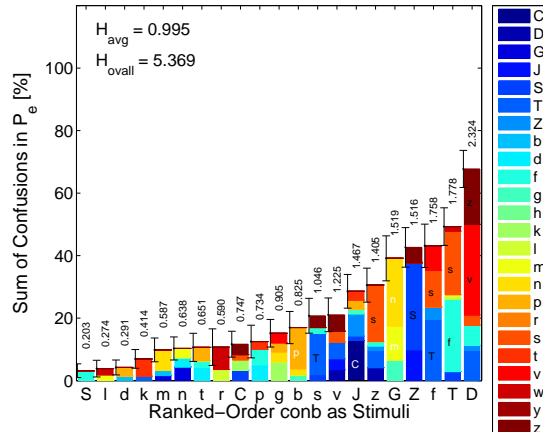
NSCM Joanna: Confusion of Vowels in Final Position



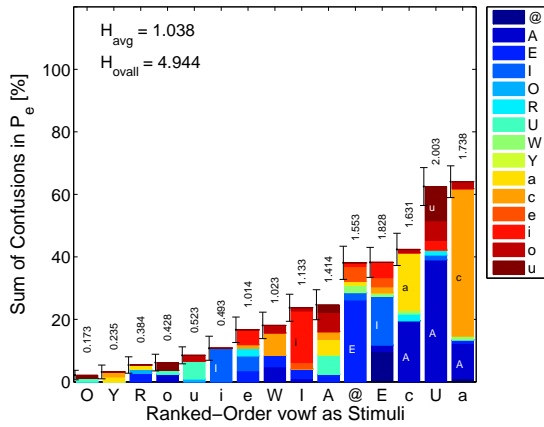
NSCM Latisha: Confusion of Consonants in Initial Position



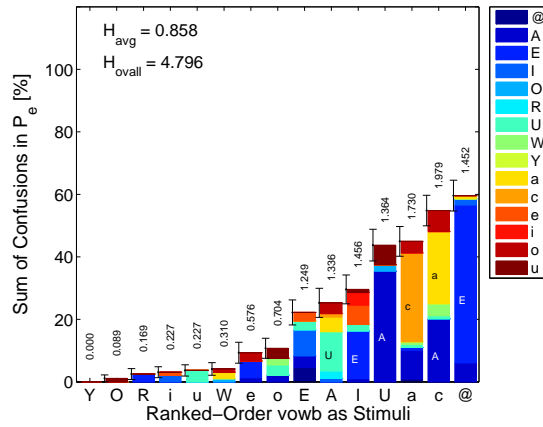
NSCM Latisha: Confusion of Consonants in Final Position



NSCM Latisha: Confusion of Vowels in Initial Position

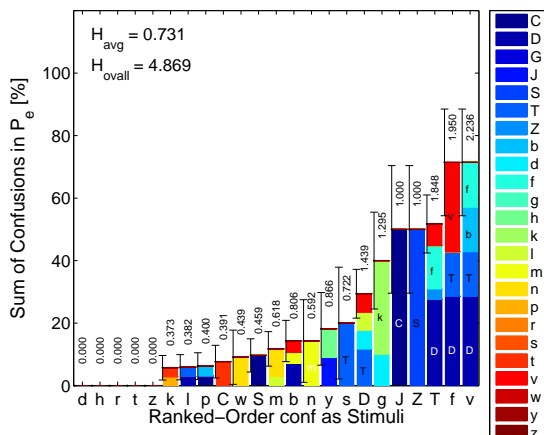


NSCM Latisha: Confusion of Vowels in Final Position

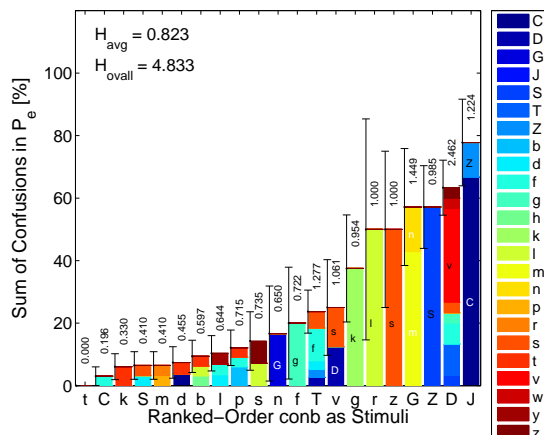


Laura

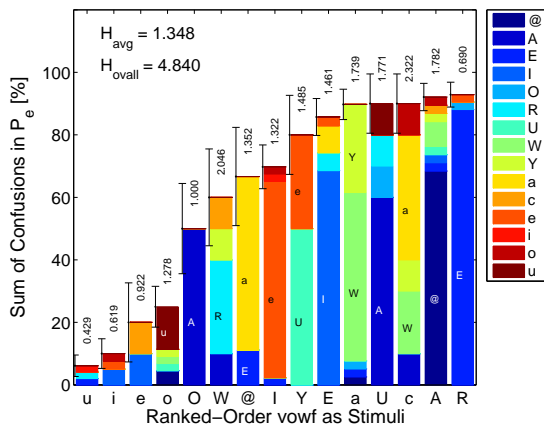
NSCM Laura: Confusion of Consonants in Inital Position



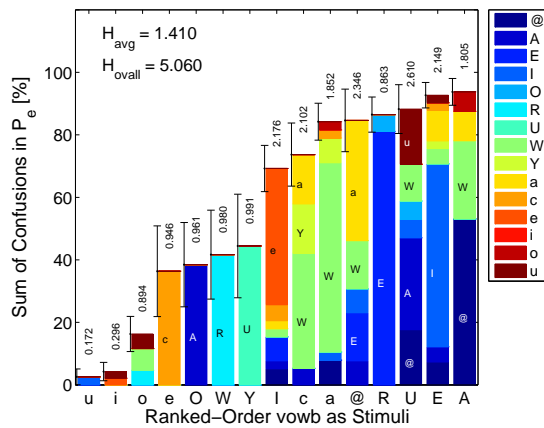
NSCM Laura: Confusion of Consonants in Final Position



NSCM Laura: Confusion of Vowels in Inital Position

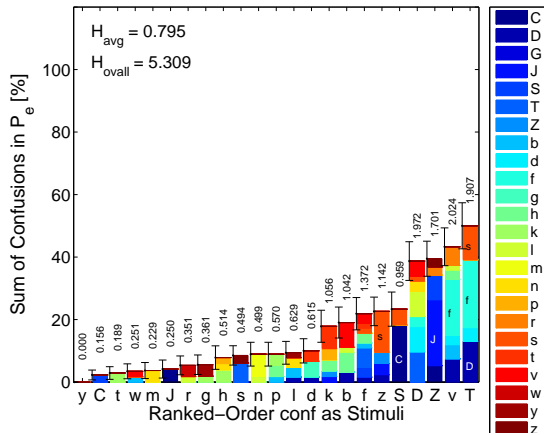


NSCM Laura: Confusion of Vowels in Final Position

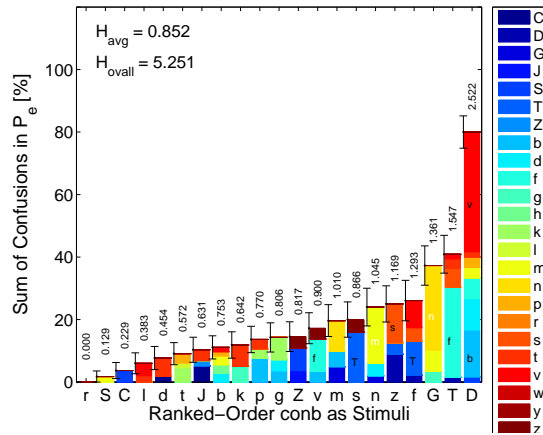


Miguel

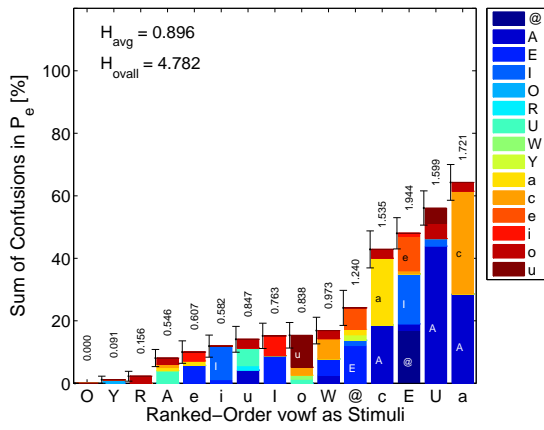
NSCM Miguel: Confusion of Consonants in Inital Position



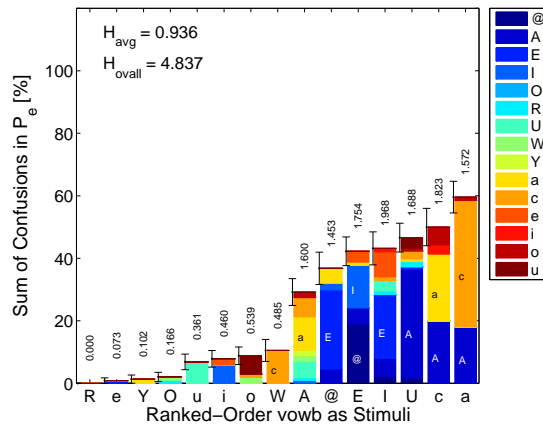
NSCM Miguel: Confusion of Consonants in Final Position



NSCM Miguel: Confusion of Vowels in Inital Position

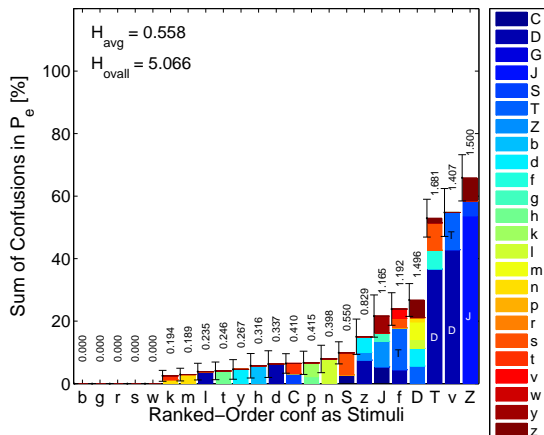


NSCM Miguel: Confusion of Vowels in Final Position

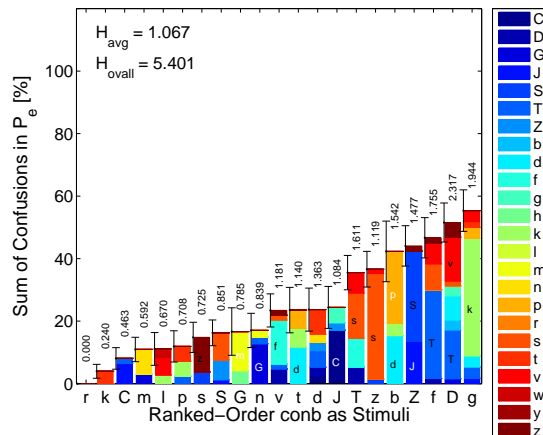


Norene

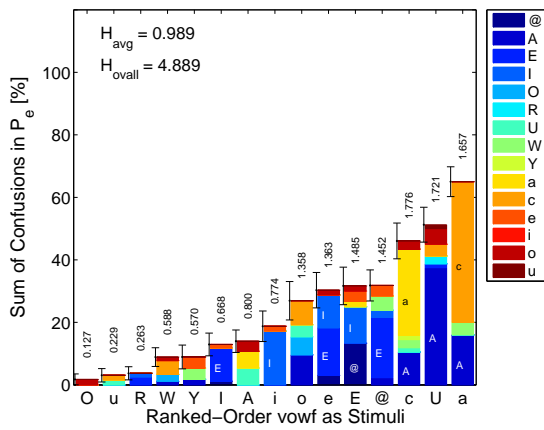
NSCM Norene: Confusion of Consonants in Inital Position



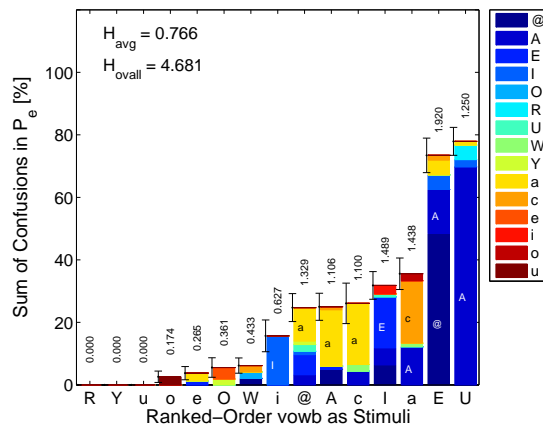
NSCM Norene: Confusion of Consonants in Final Position



NSCM Norene: Confusion of Vowels in Inital Position

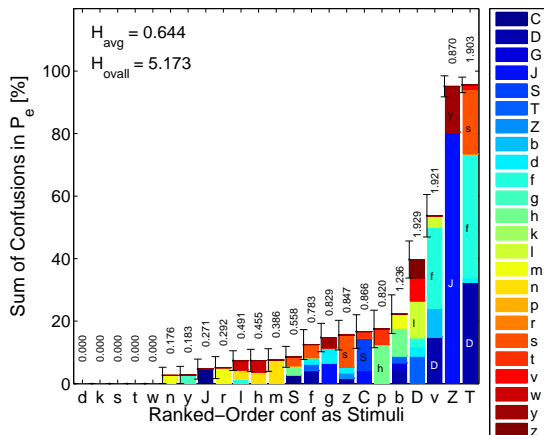


NSCM Norene: Confusion of Vowels in Final Position

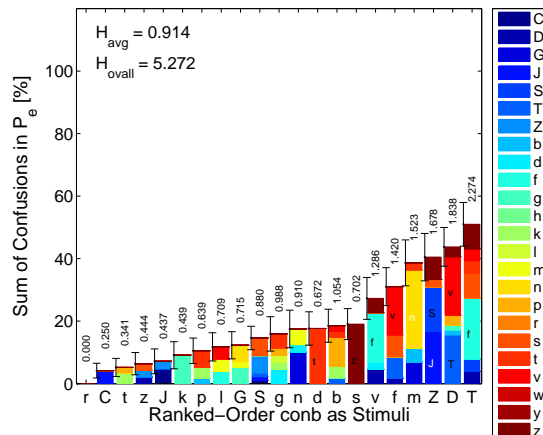


Shauna

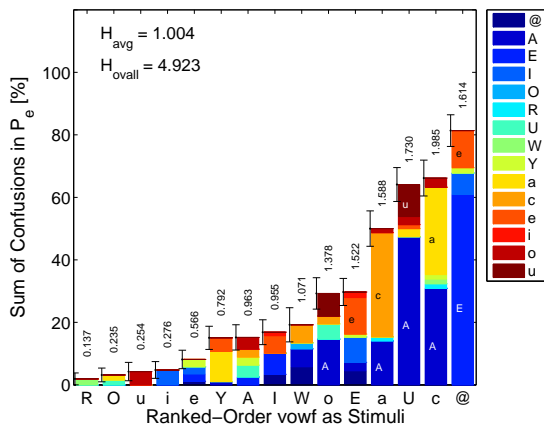
NSCM Shauna: Confusion of Consonants in Inital Position



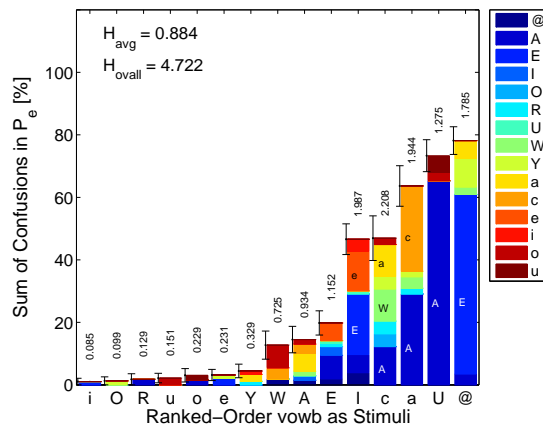
NSCM Shauna: Confusion of Consonants in Final Position



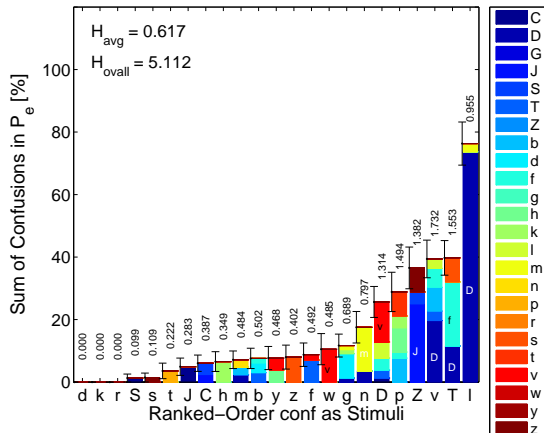
NSCM Shauna: Confusion of Vowels in Inital Position



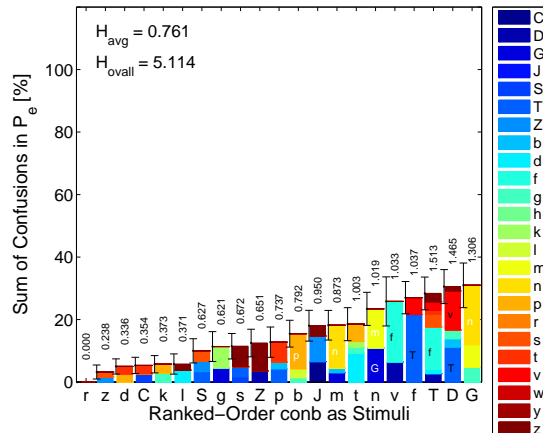
NSCM Shauna: Confusion of Vowels in Final Position



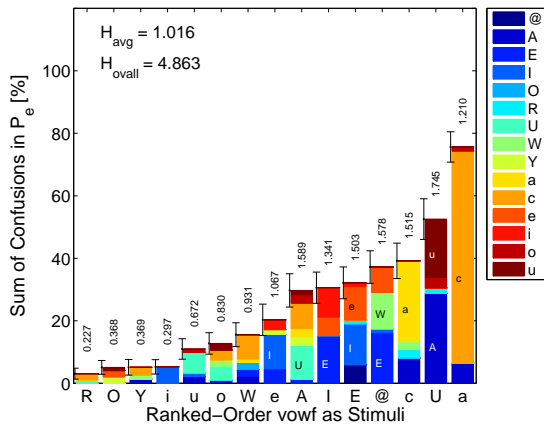
NSCM Teddy: Confusion of Consonants in Initial Position



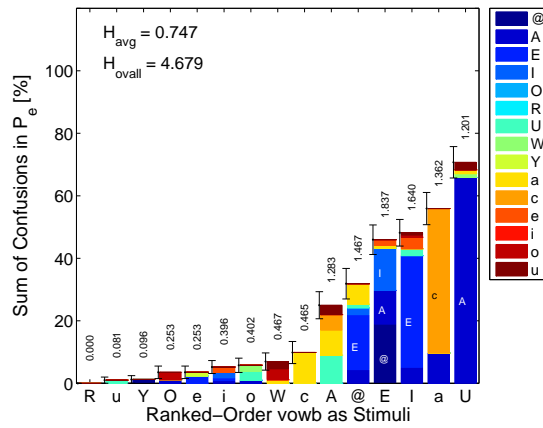
NSCM Teddy: Confusion of Consonants in Final Position



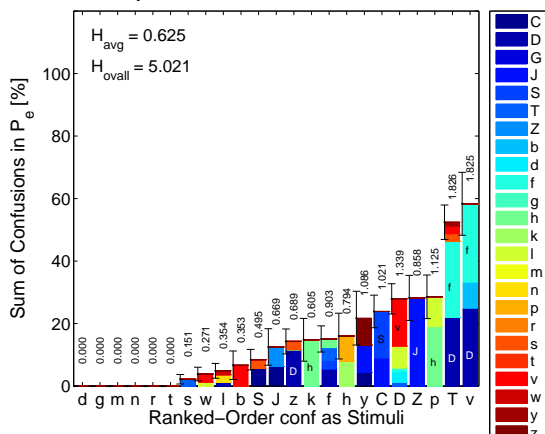
NSCM Teddy: Confusion of Vowels in Initial Position



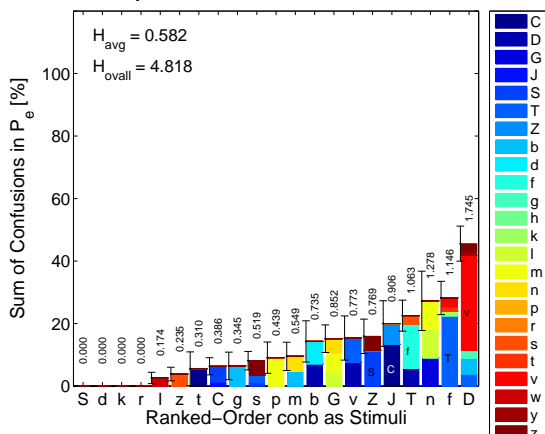
NSCM Teddy: Confusion of Vowels in Final Position



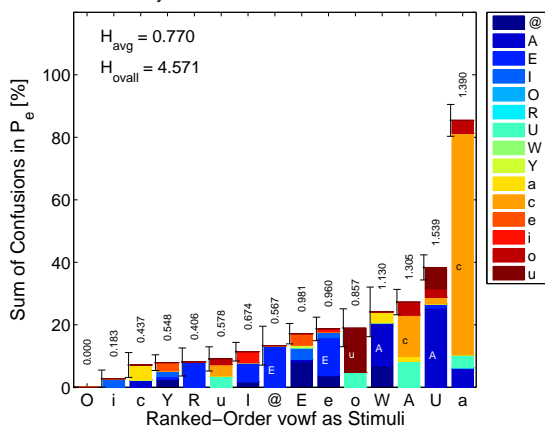
NSCM Tony: Confusion of Consonants in Inital Position



NSCM Tony: Confusion of Consonants in Final Position



NSCM Tony: Confusion of Vowels in Inital Position



NSCM Tony: Confusion of Vowels in Final Position

