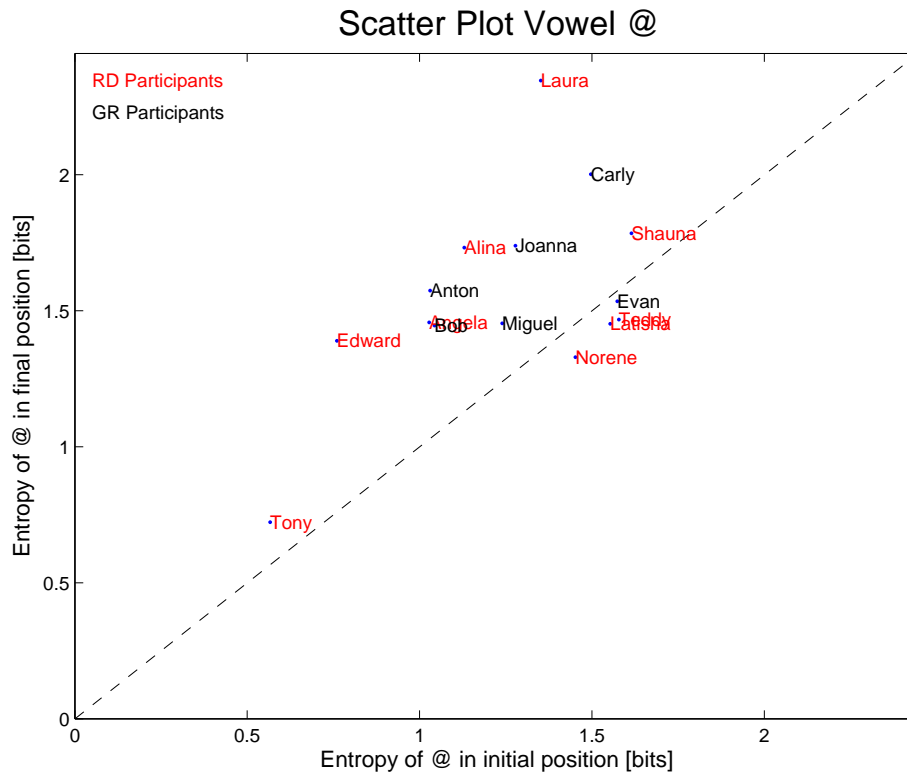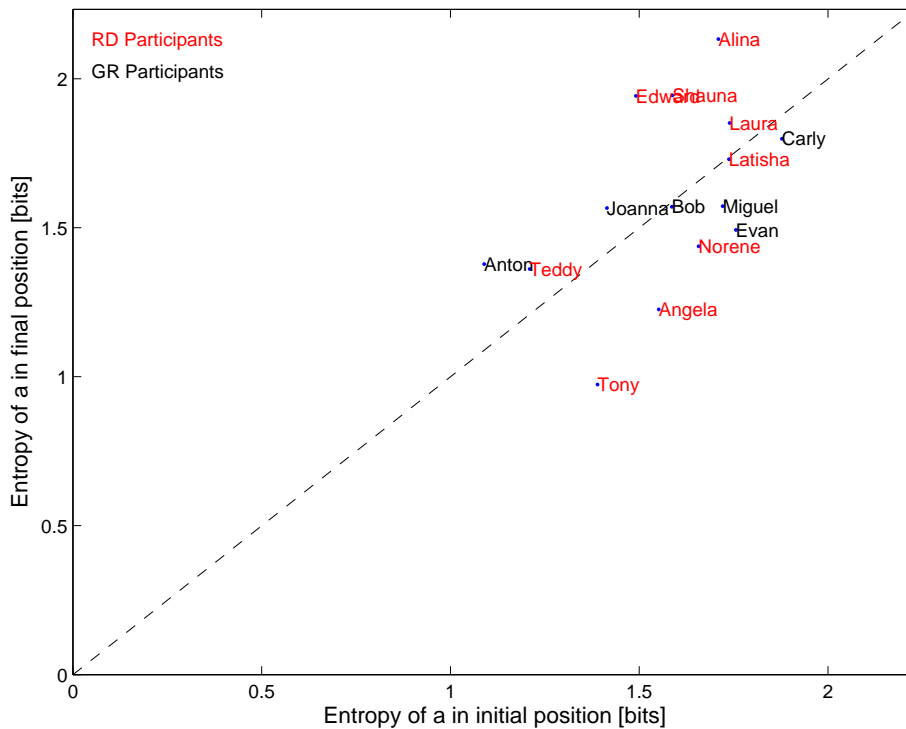Data analysis done by C.Scheidiger 9/8/2011

Overview

This document shows entropy in initial position vs entropy in final position plots for each sound in the NSCM experiment. The document is split in two section one with all the vowels and the other one with all the consonants.

All plots show the entropy of all the participants. The names of the Good Readers (GD) are color coded in black, the names of the Reading Disabilities (RD) group are red.
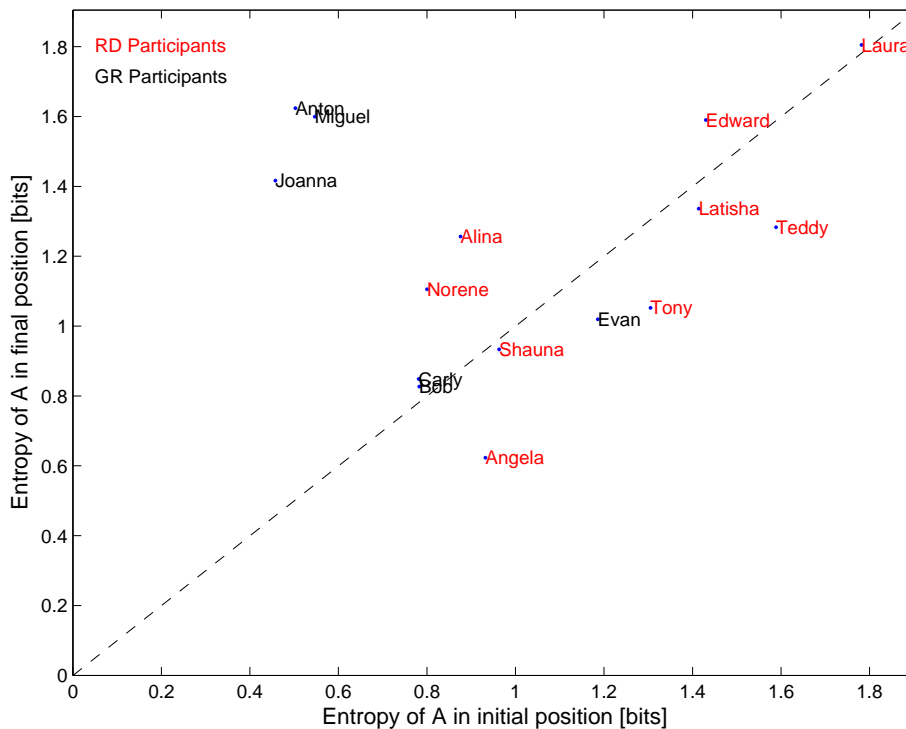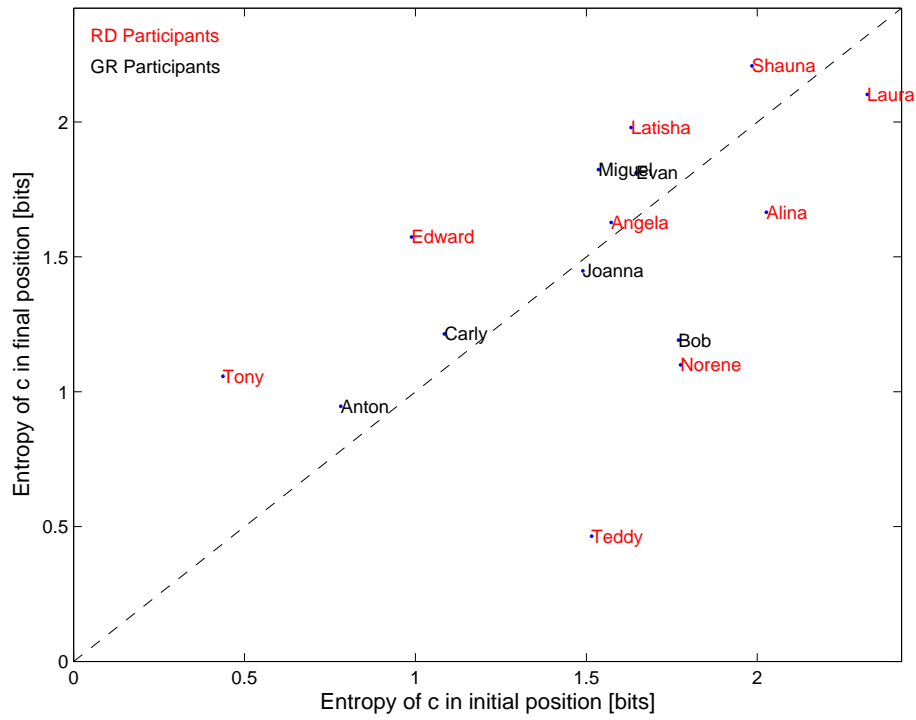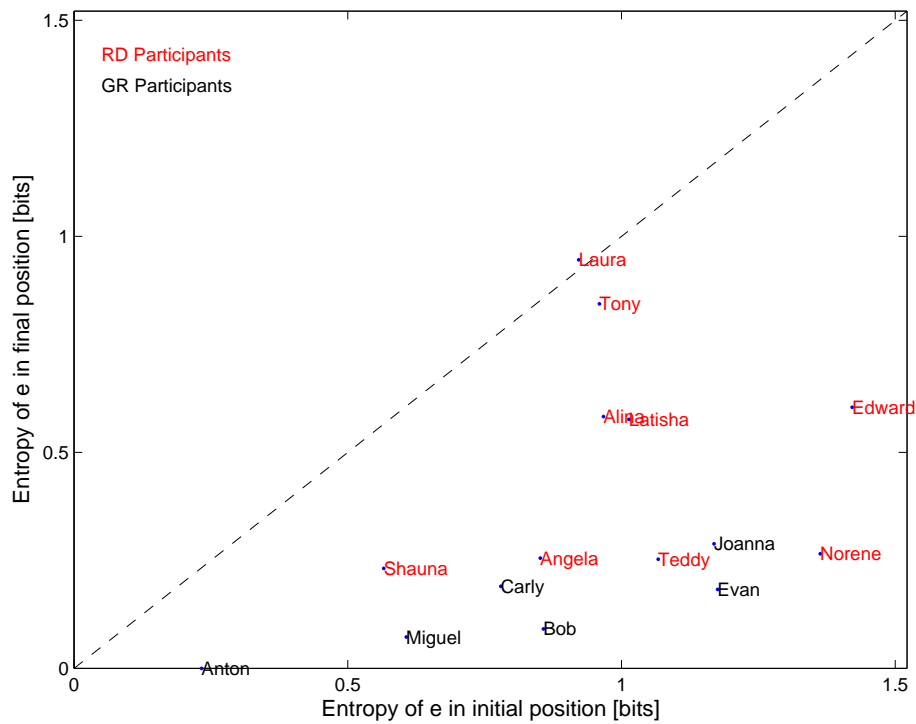
Vowels

Scatter Plot Vowel @

Scatter Plot Vowel a

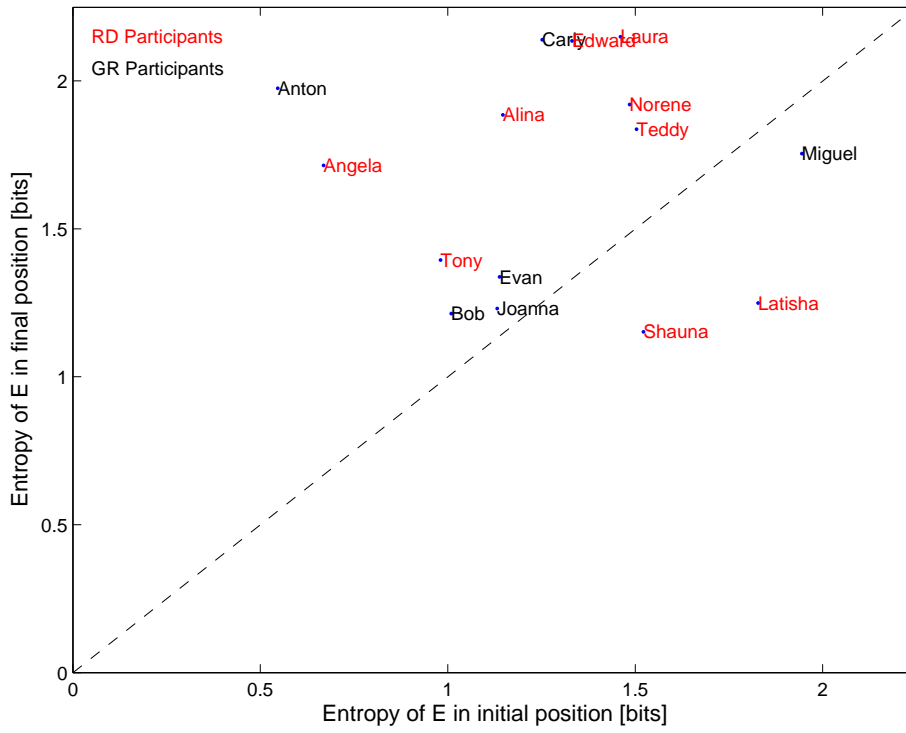Scatter Plot Vowel A

Scatter Plot Vowel c

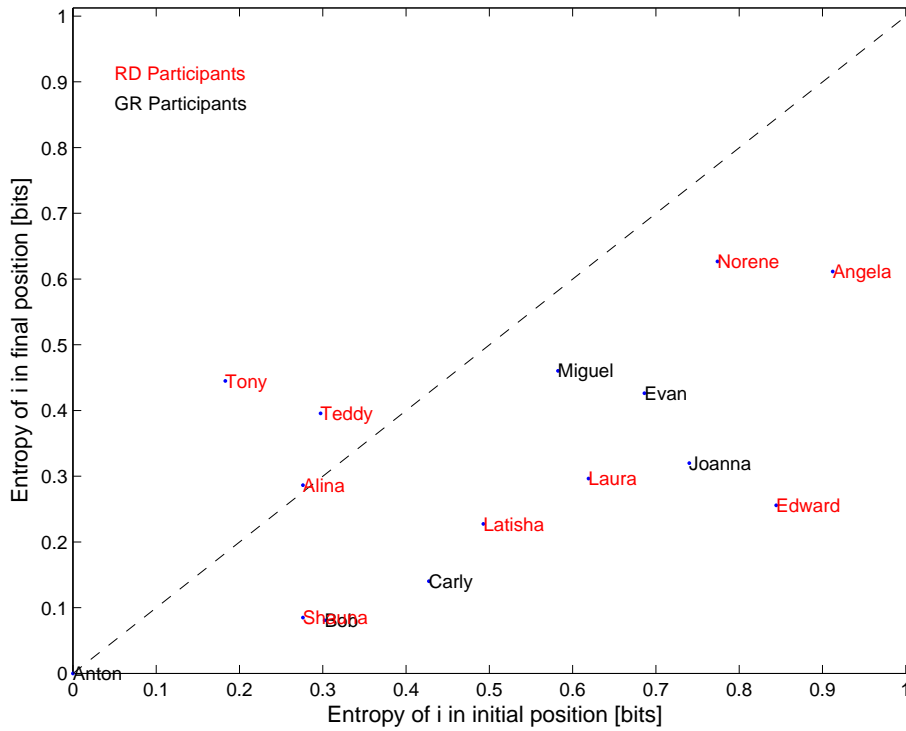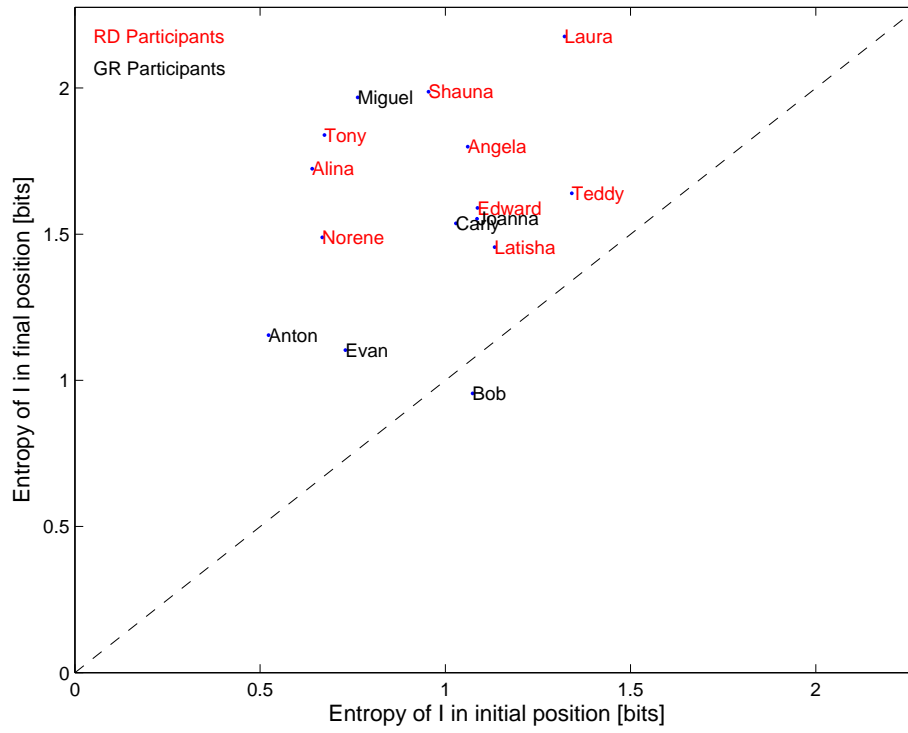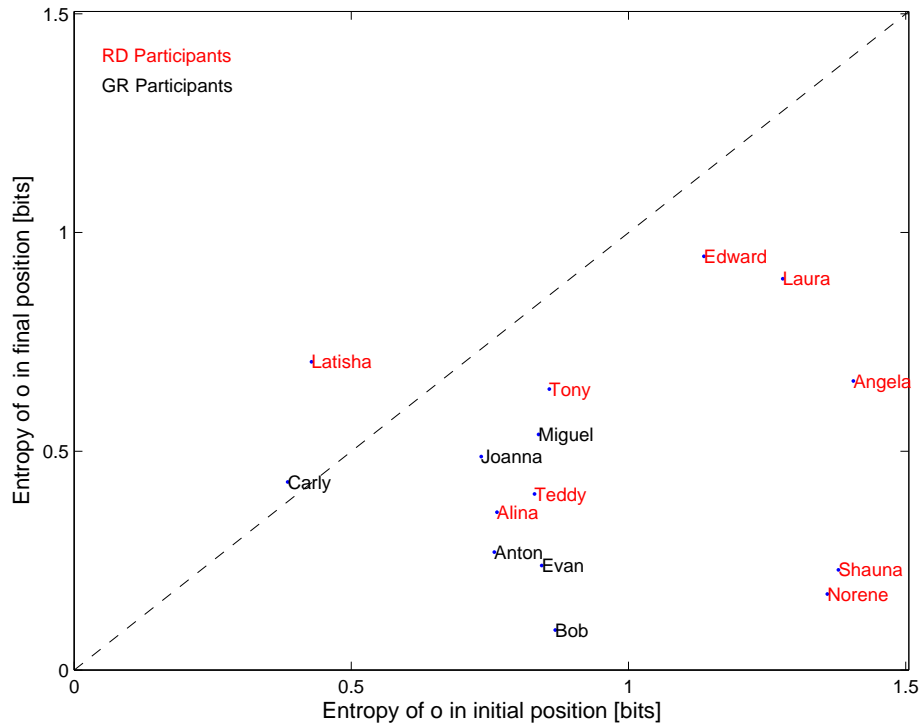RD Participants
GR Participants

Entropy of c in final position [bits]

Entropy of c in initial position [bits]

Scatter Plot Vowel e

RD Participants
GR Participants

Entropy of e in final position [bits]

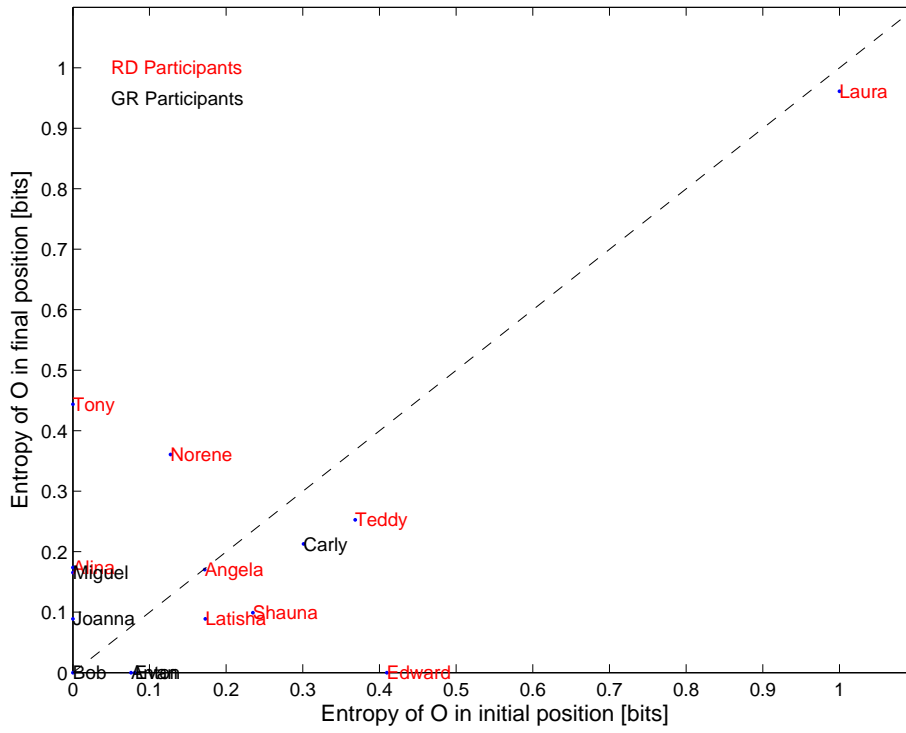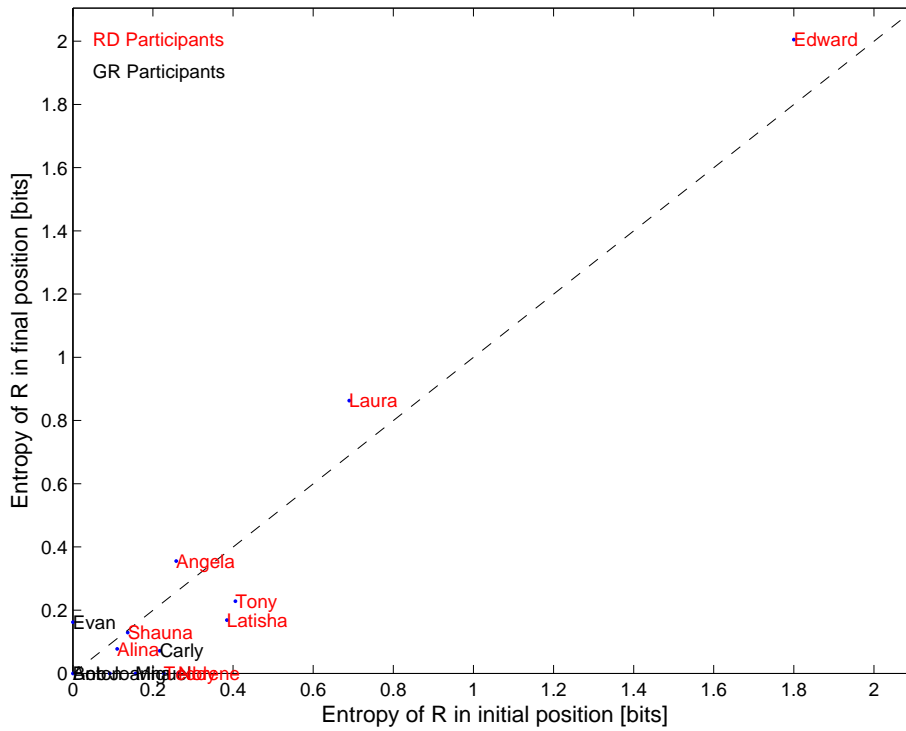Entropy of e in initial position [bits]

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Scatter Plot Vowel E
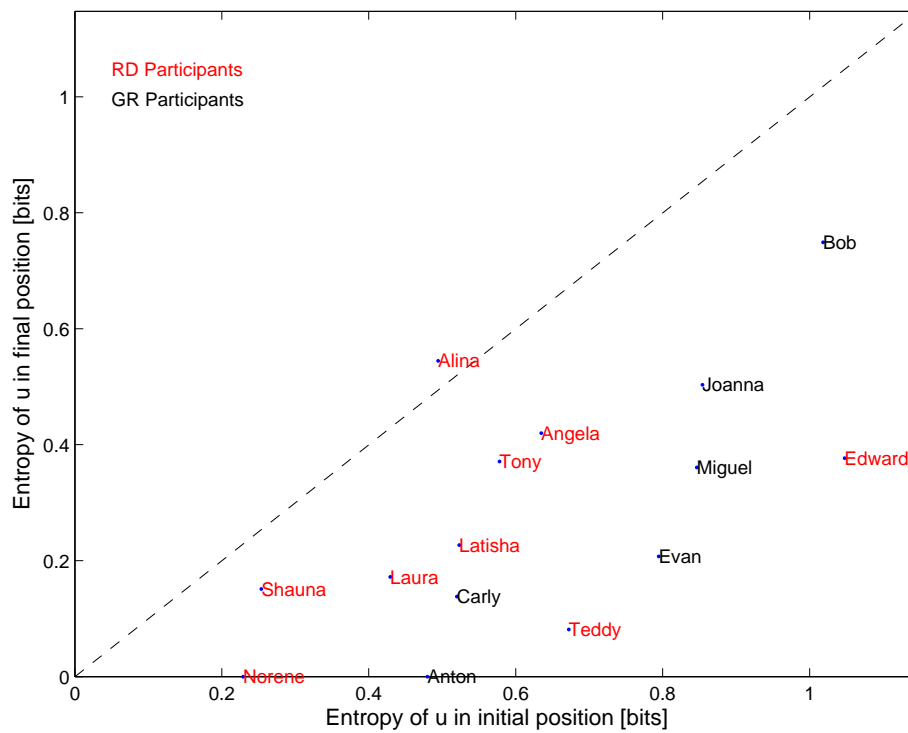
Scatter Plot Vowel i

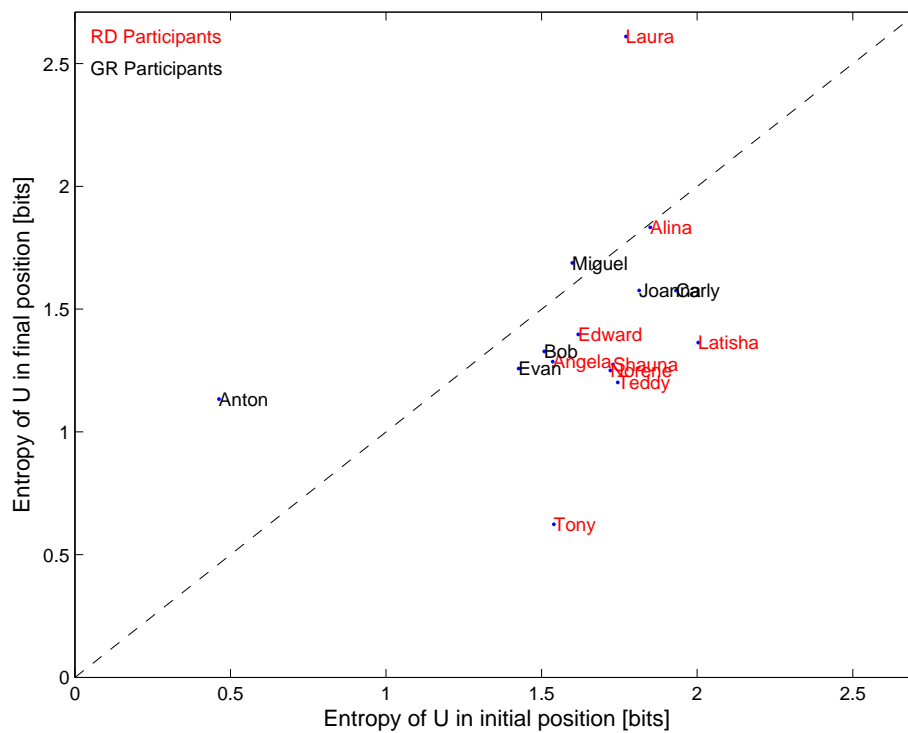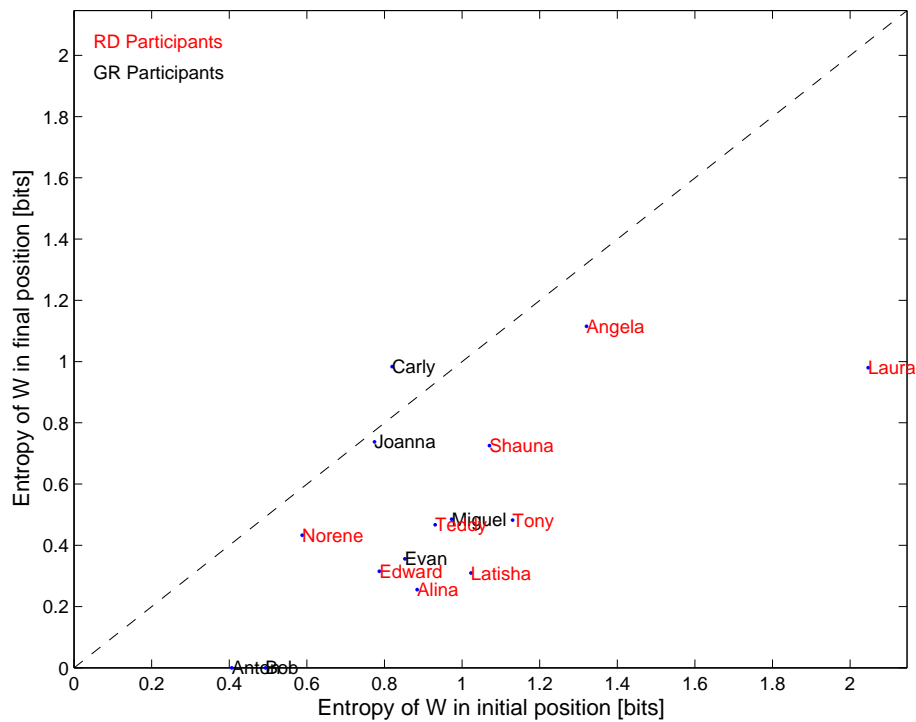Scatter Plot Vowel I

Scatter Plot Vowel o

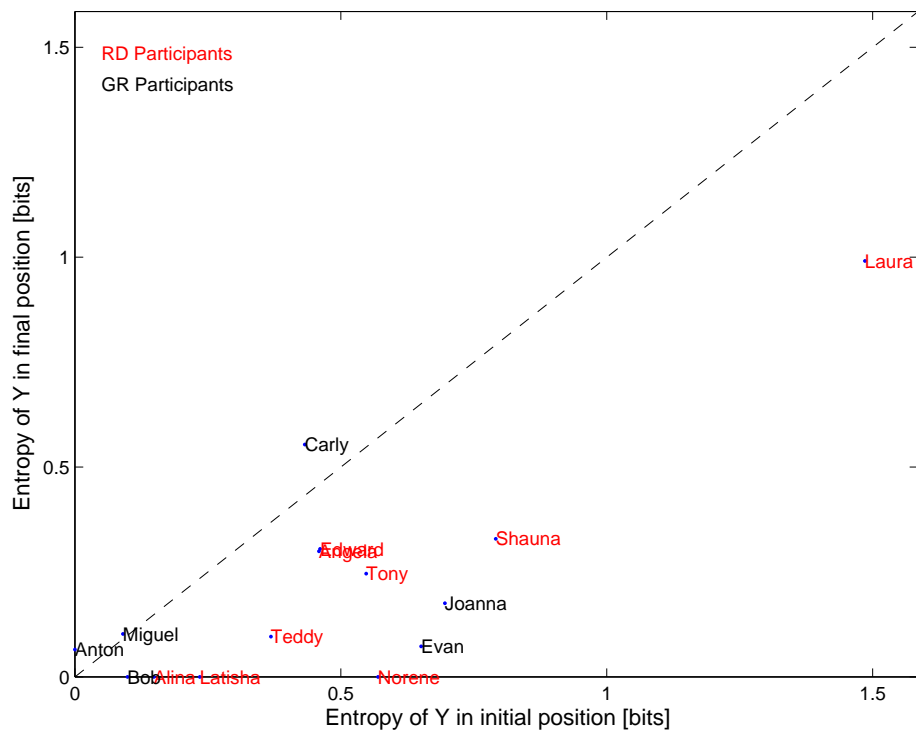Scatter Plot Vowel O

Scatter Plot Vowel R

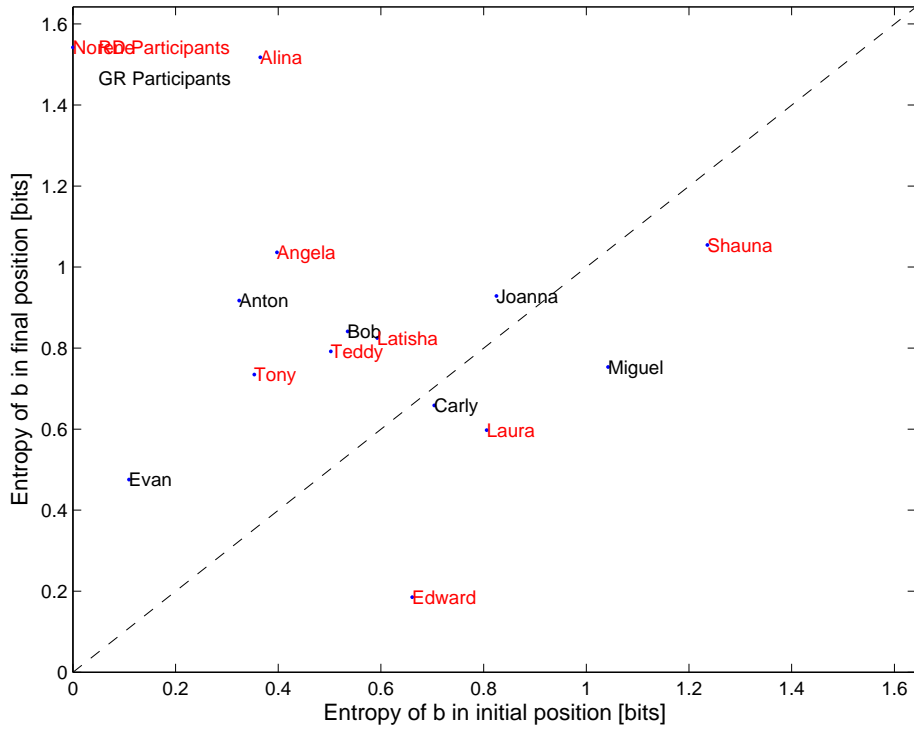Scatter Plot Vowel u

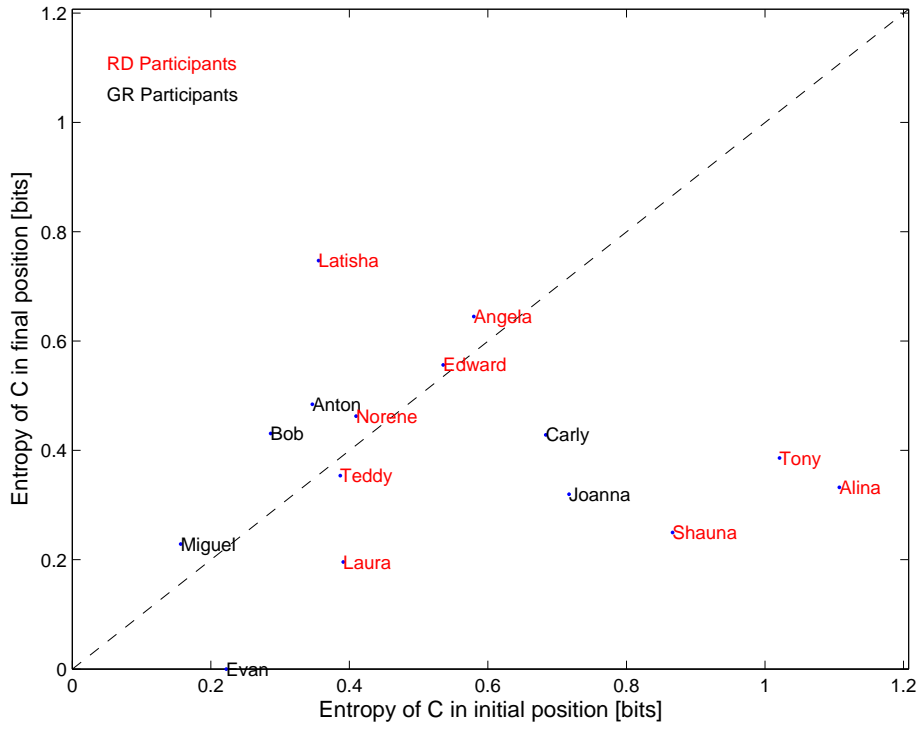Scatter Plot Vowel U

7

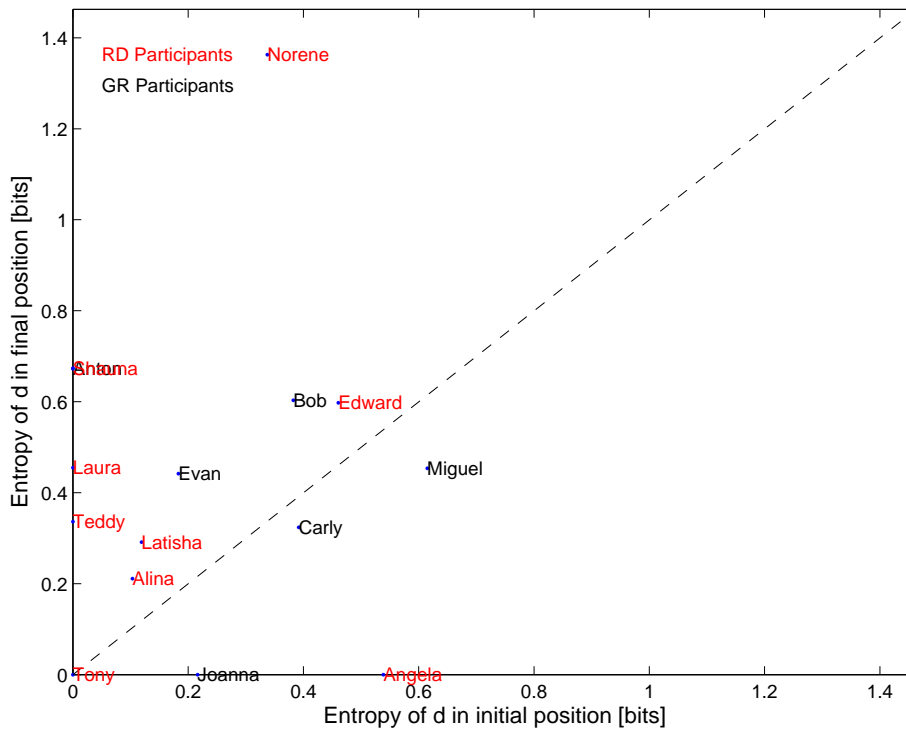Scatter Plot Vowel W

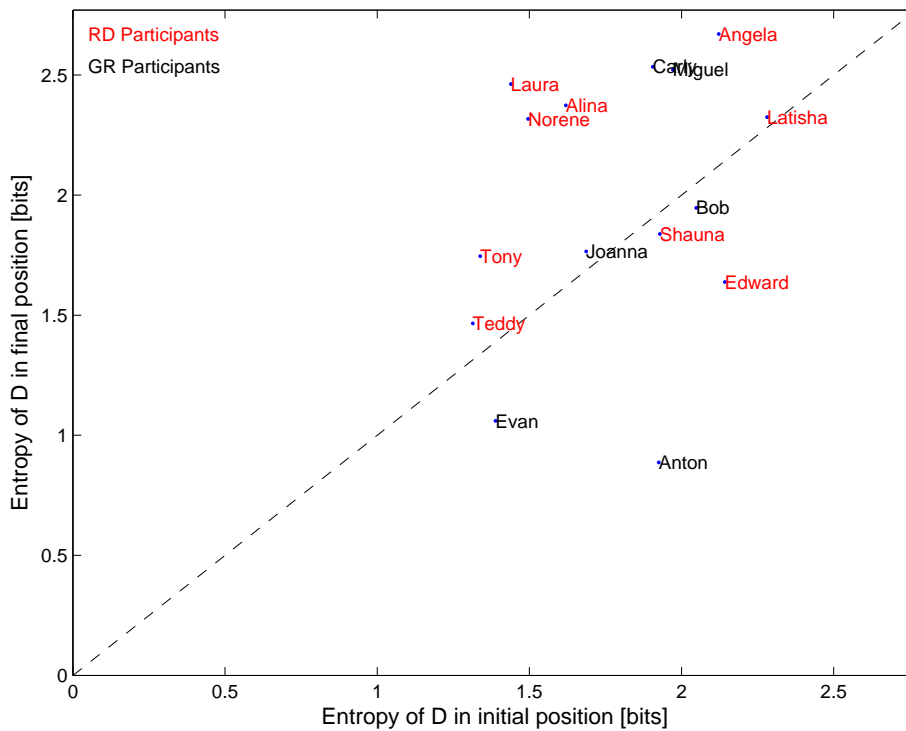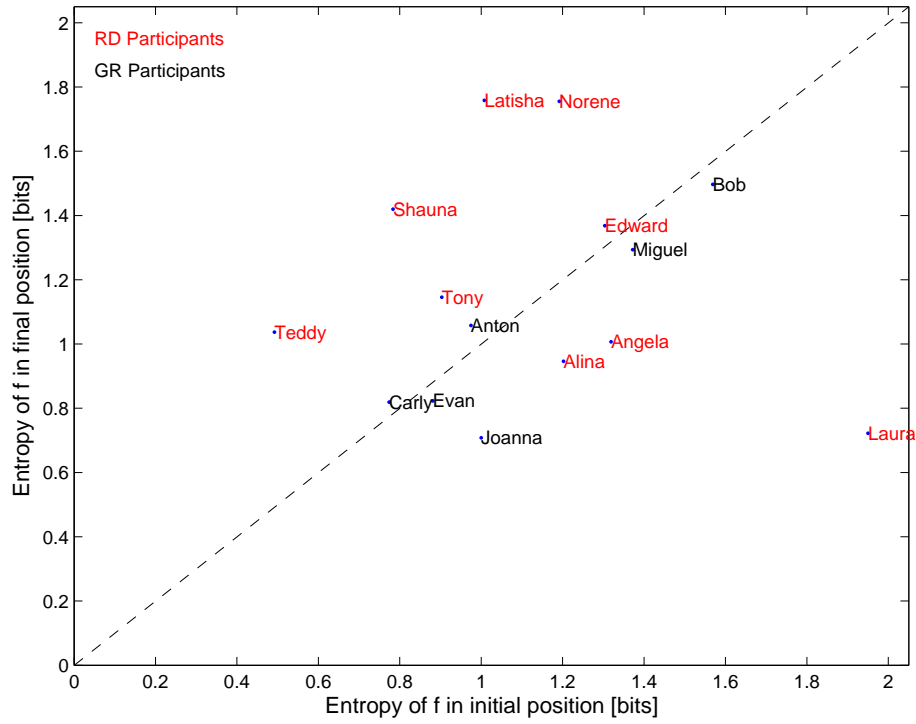Scatter Plot Vowel Y

Consonants

Scatter Plot Consonant b
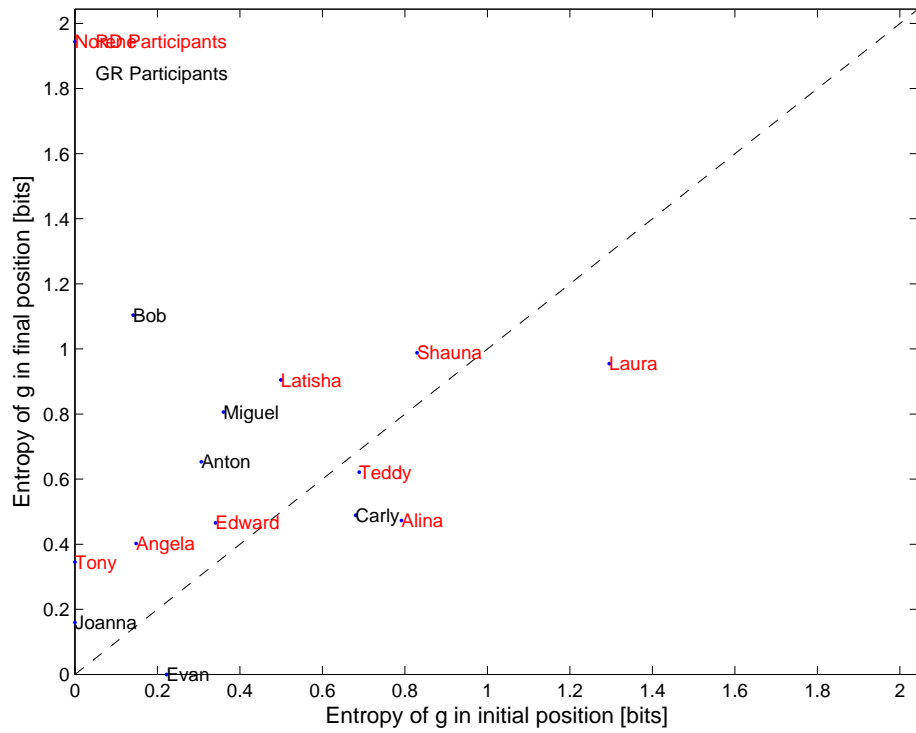

Scatter Plot Consonant C
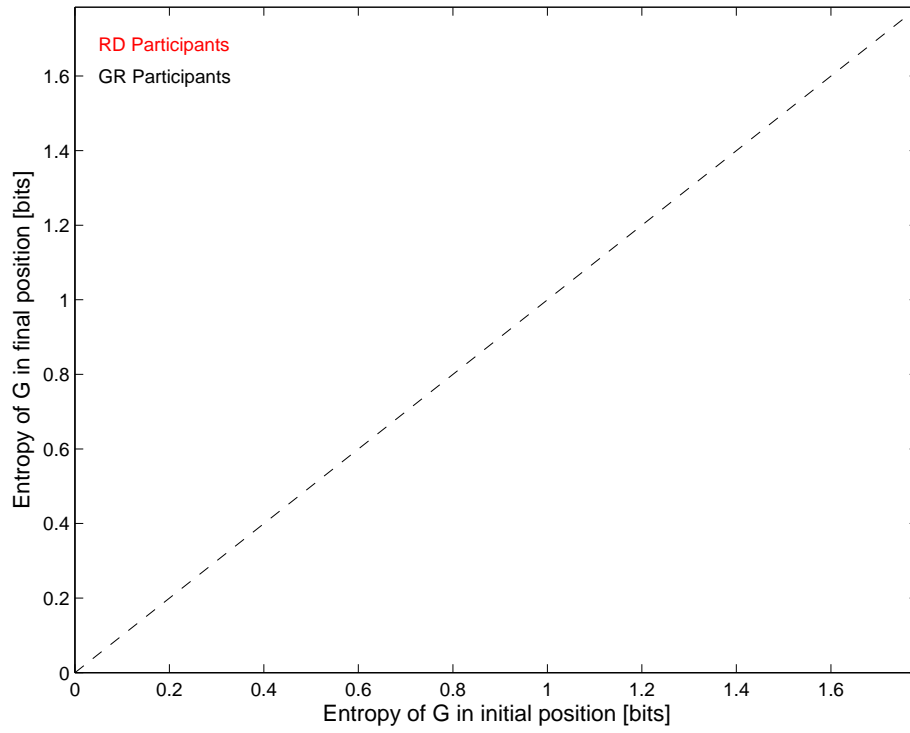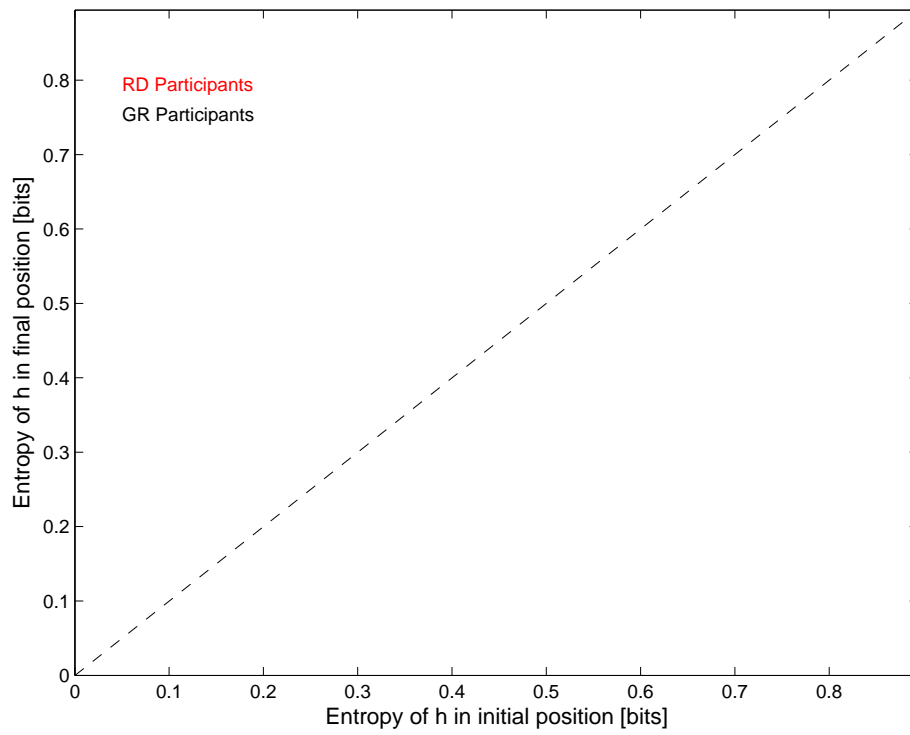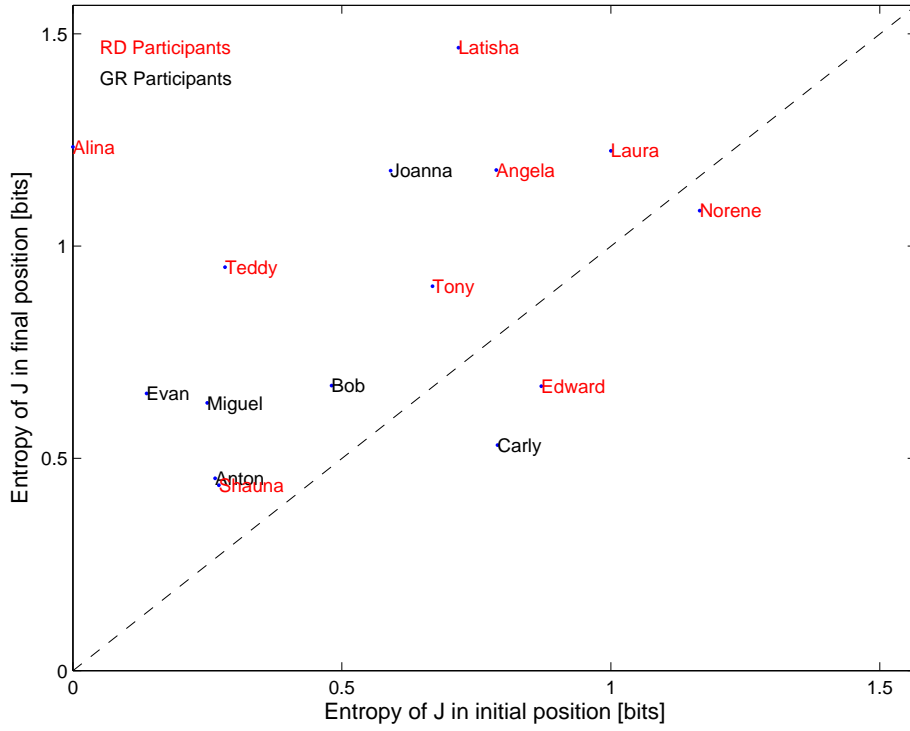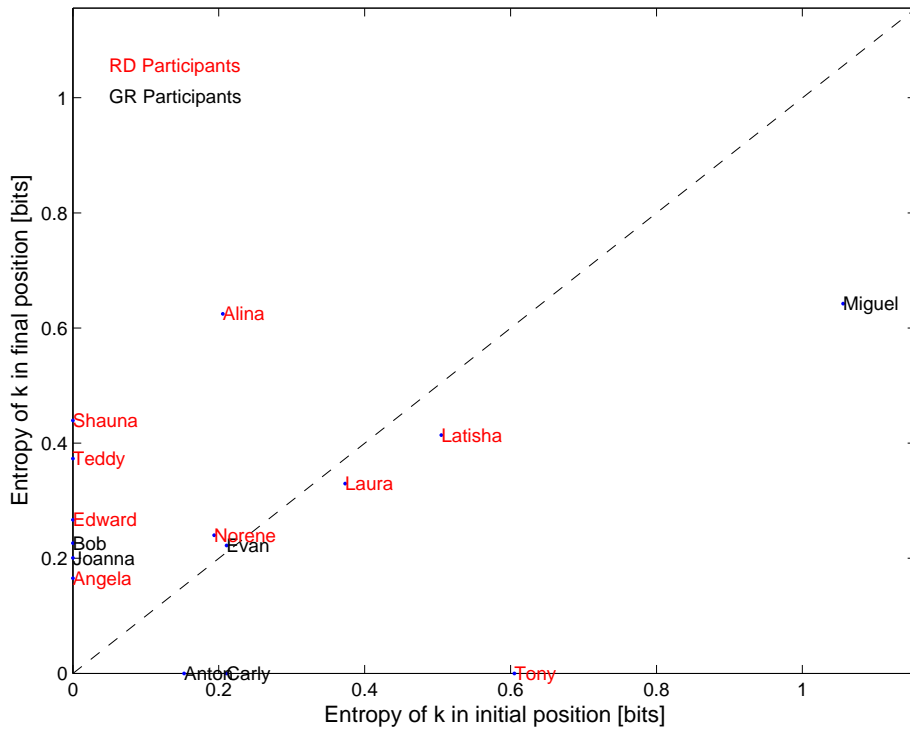
Scatter Plot Consonant d

Scatter Plot Consonant D

Scatter Plot Consonant f

Scatter Plot Consonant g

11

Scatter Plot Consonant G

Scatter Plot Consonant h
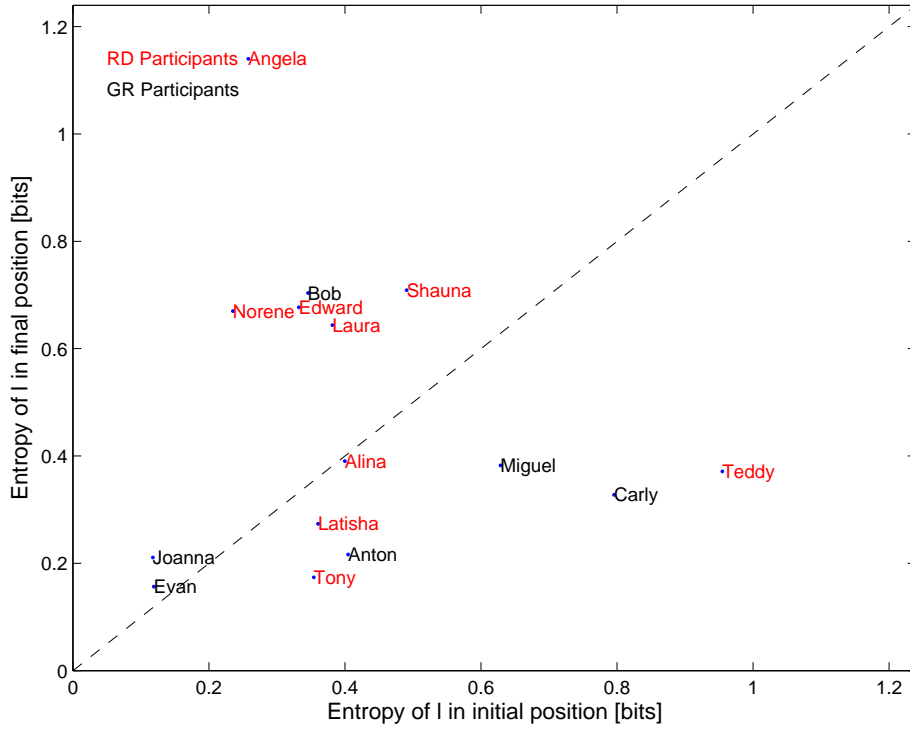
Scatter Plot Consonant J
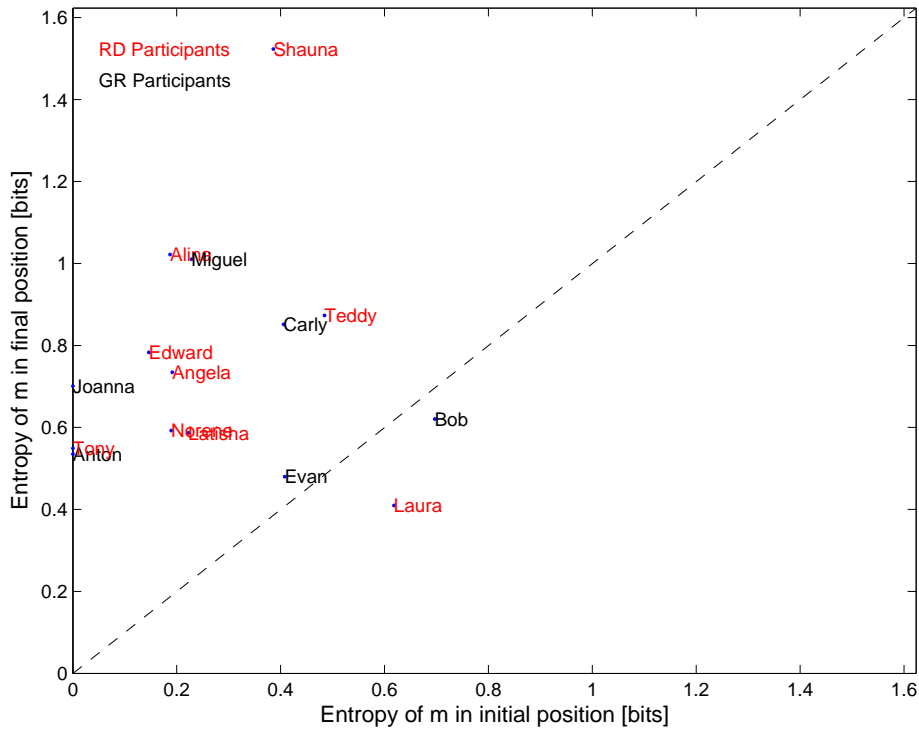

Scatter Plot Consonant k
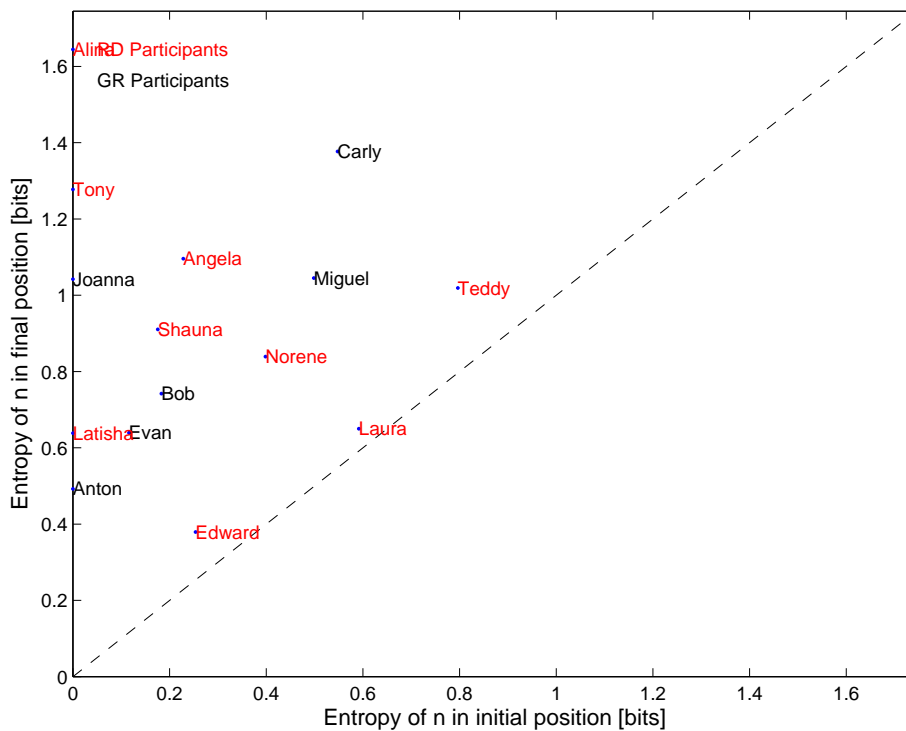
Scatter Plot Consonant l
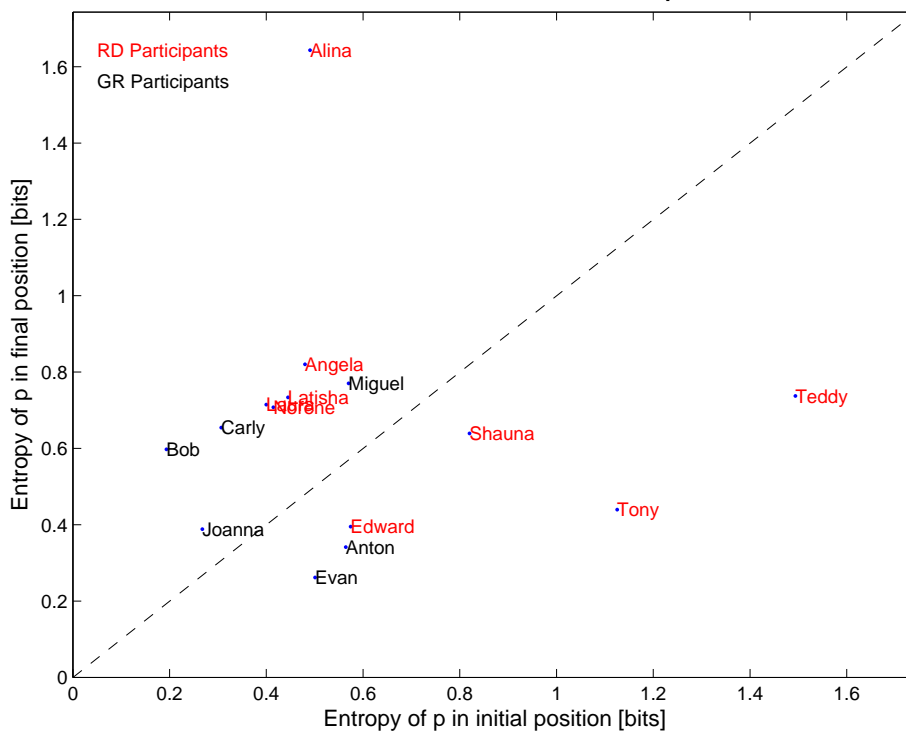

Scatter Plot Consonant m
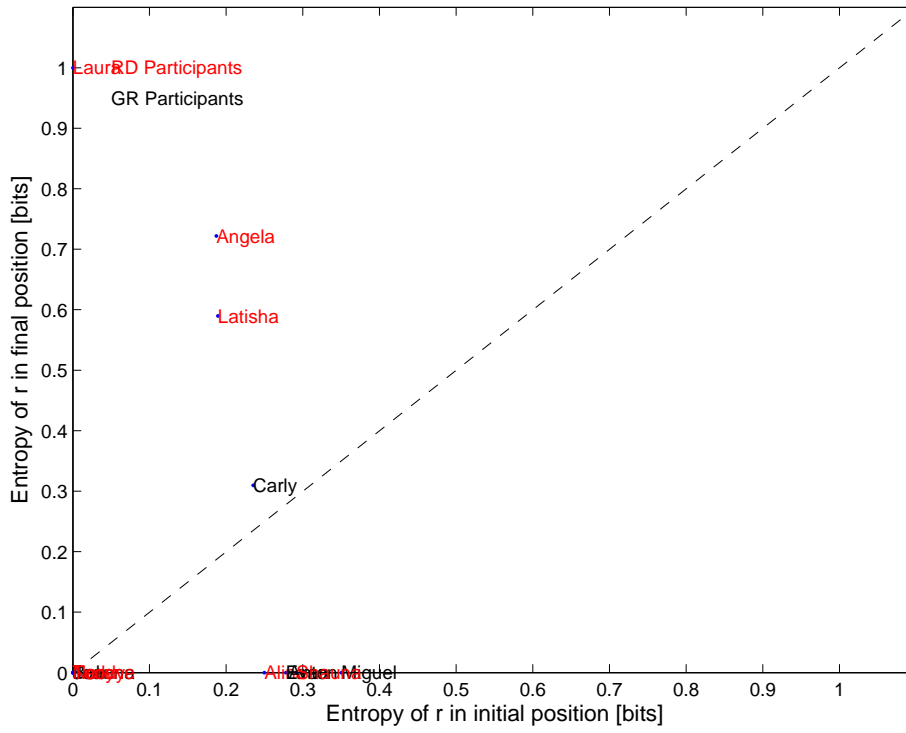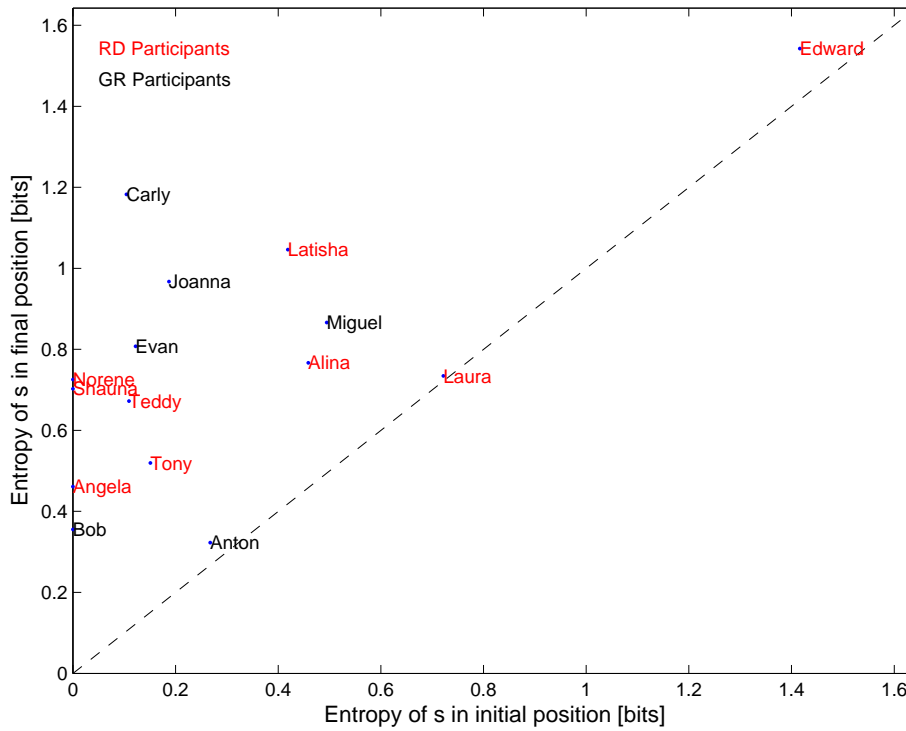
Scatter Plot Consonant n

Scatter Plot Consonant p

Scatter Plot Consonant r
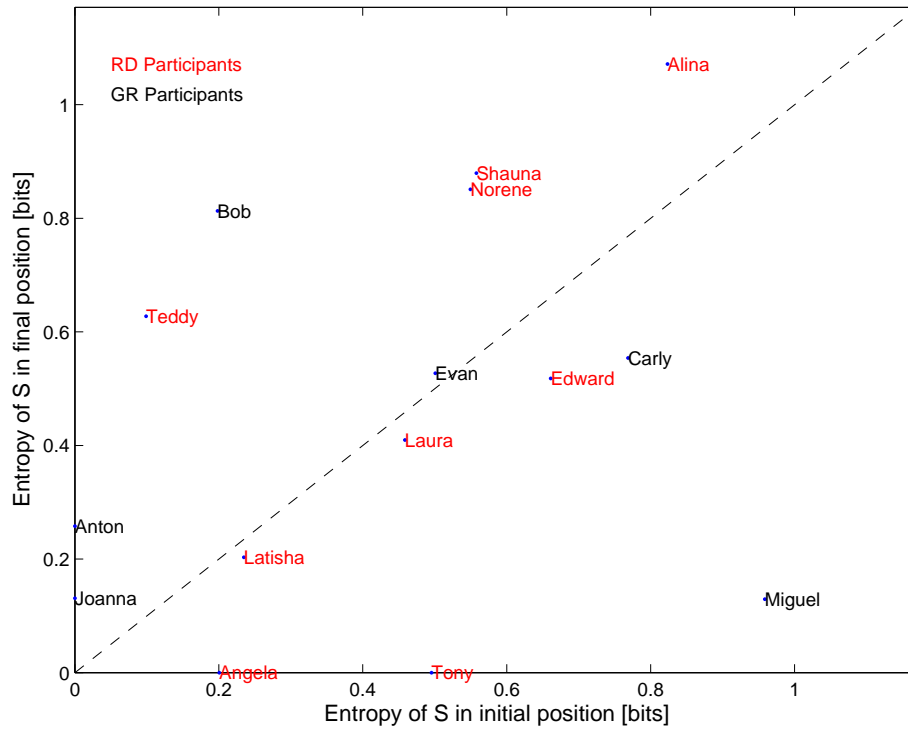

Scatter Plot Consonant s
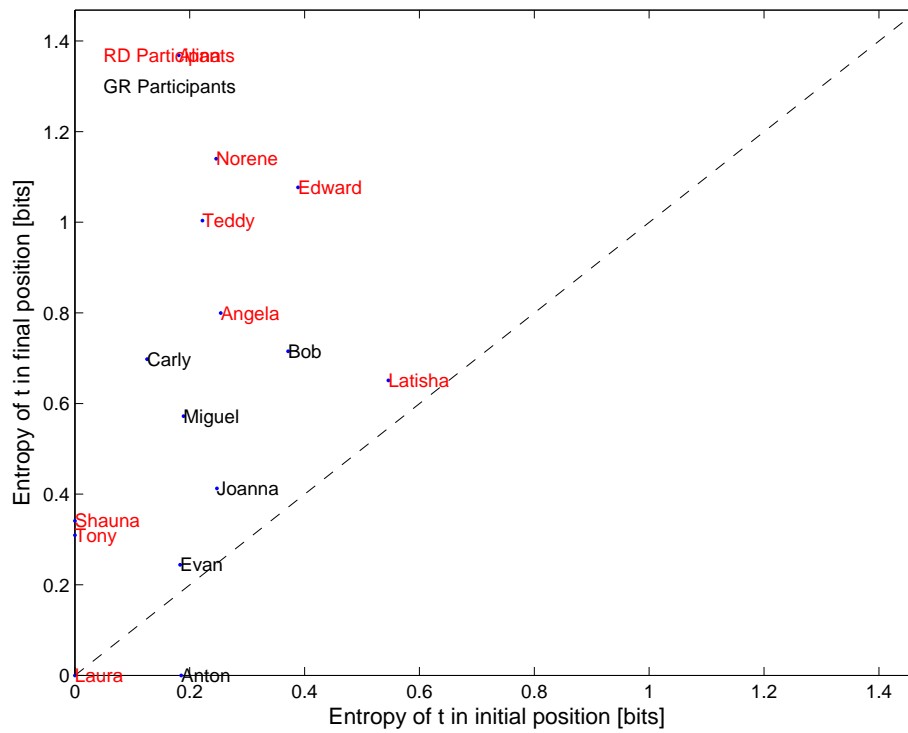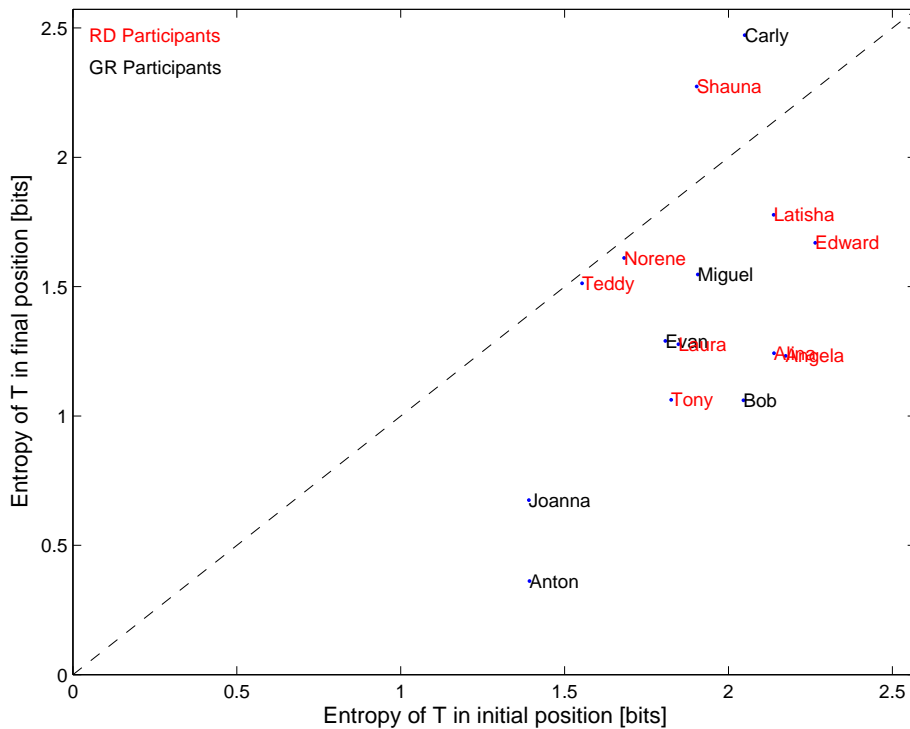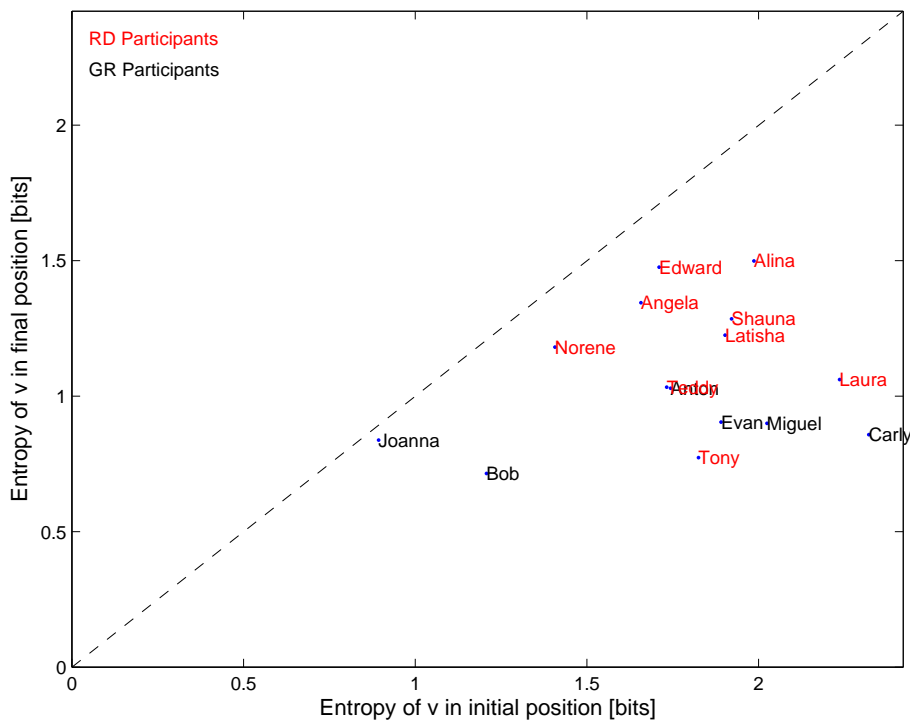
Scatter Plot Consonant S

Scatter Plot Consonant t

Scatter Plot Consonant T

Scatter Plot Consonant v

Scatter Plot Consonant w

RD Participants
GR Participants

Scatter Plot Consonant y

RD Participants
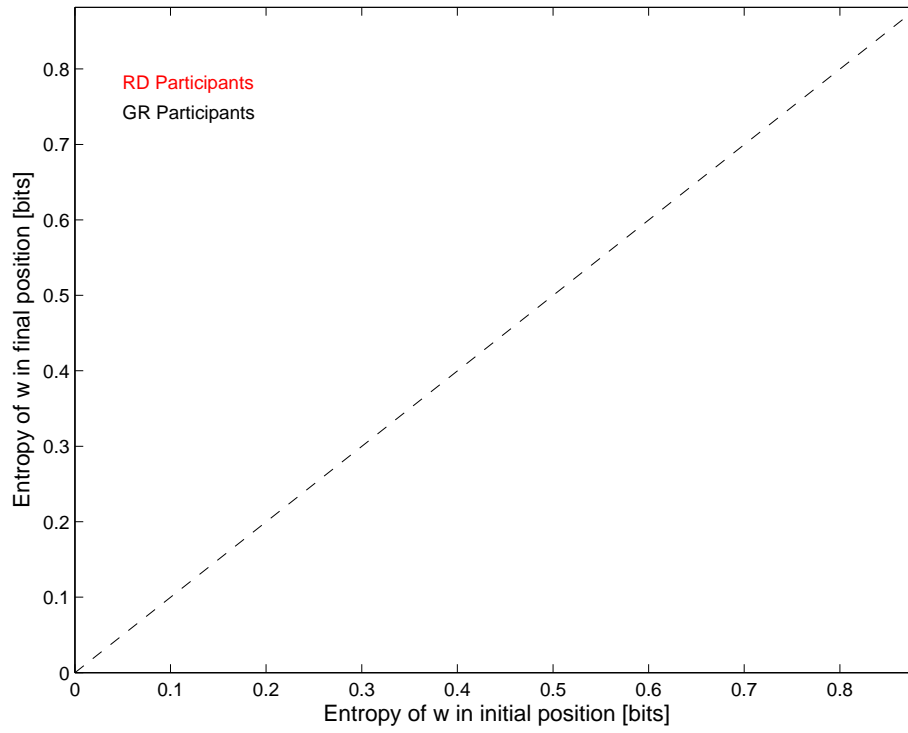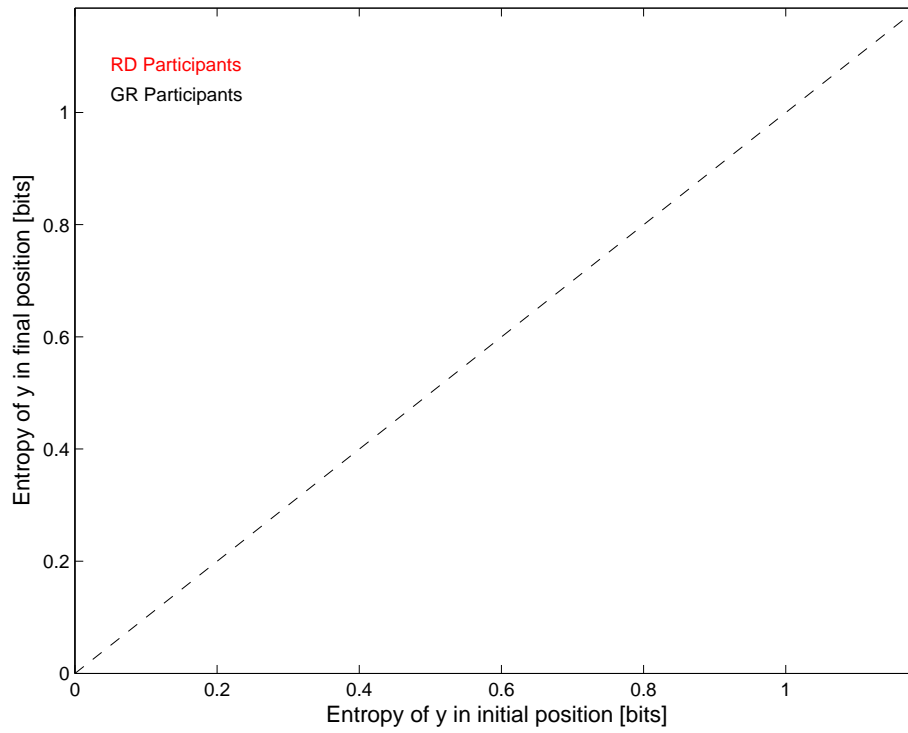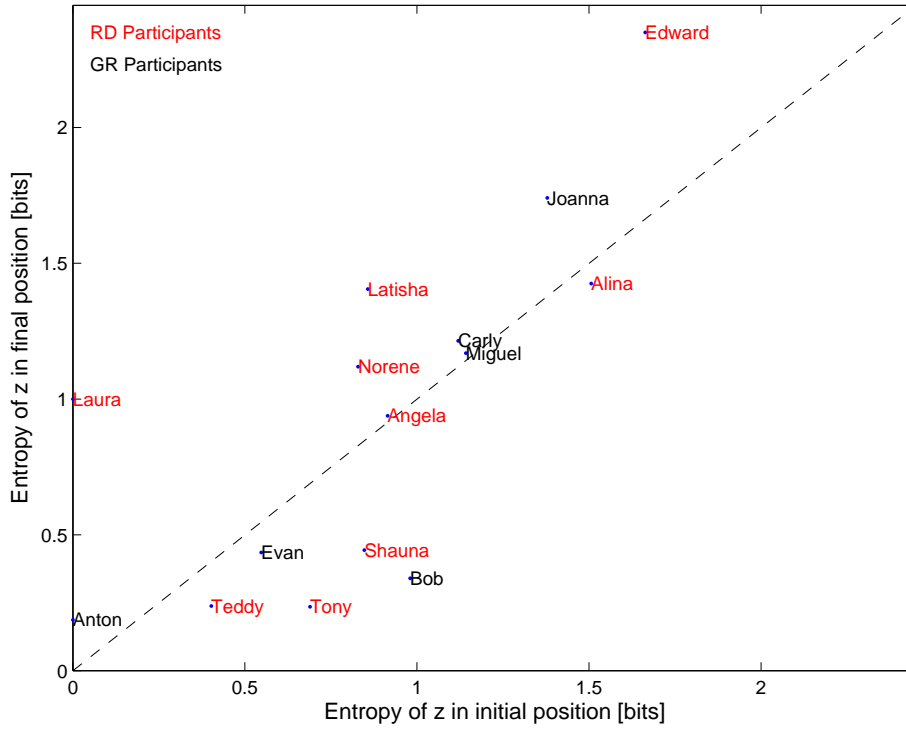GR Participants

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Scatter Plot Consonant z

Scatter Plot Consonant Z