TRINITY COLLEGE DUBLIN | THE UNIVERSITY OF DUBLIN
COLÁISTE NA TRÍONÓIDE, BAILE ÁTHA CLIATH

School of Linguistics, Speech and Communication Sciences

Centre for Language and Communication Studies

Phonetics and Speech Laboratory

Hiberno-English Vowel System: Drogheda English

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Trinity College Dublin

Centre for Language and Communication Studies (CLCS)

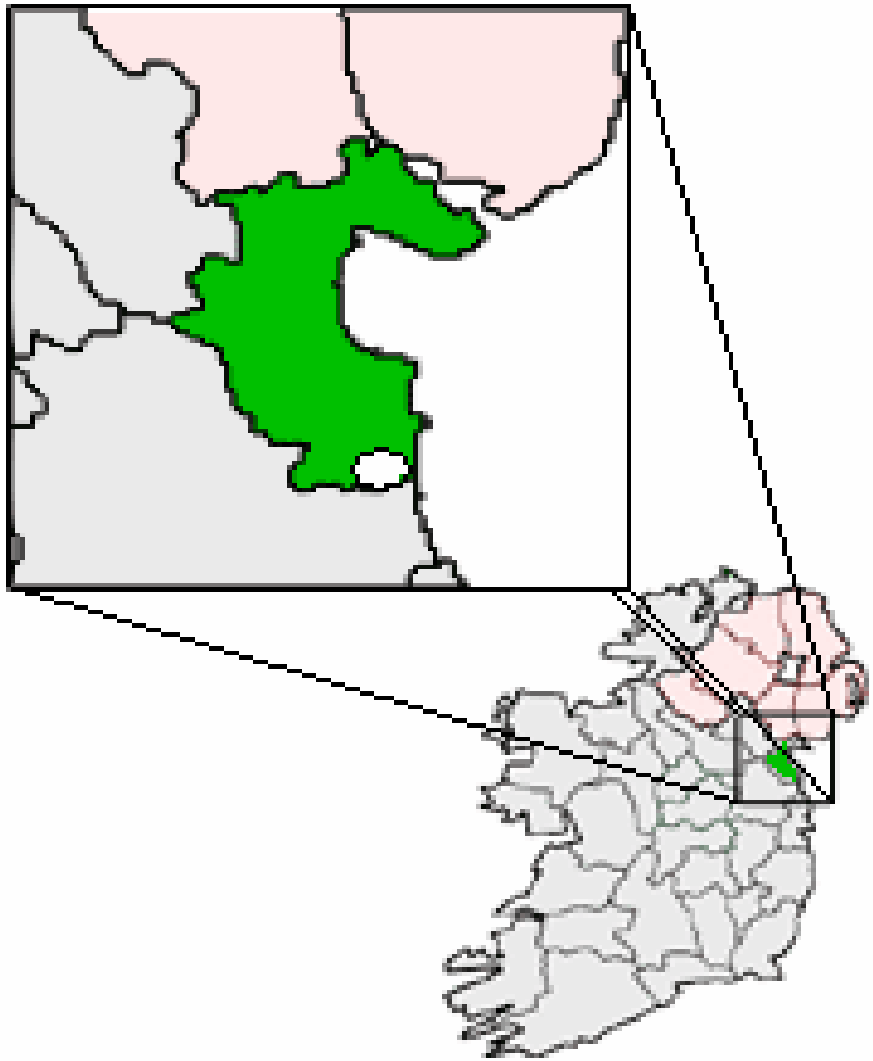
Phonetics and Speech Laboratory

Layout

- Introduction
- Monophthongs
- Diphthongs
- Comparison with other English language varieties
- Work in progress

Drogheda

Drogheda
THE PALE
Athenry
Galway
Dublin
New Ross
Limerick
Waterford
Wexford
Cork



The Study

- Recorded 3 adolescent males from a secondary school in Drogheda. The informants are have lived in Drogheda all their lives and have parents from Drogheda.
- Read a list of words with 5 repetitions for each word
- Words were put in the carrier sentence ‘say **-------** again’
- Sound files were transferred to a computer.
- The vowels were analyzed using PRAAT software

Well's Lexical Sets

- Wells's *Accents of English* (1982) introduced the **lexical sets**.
- Wells categorizes accents based on their vocalic system.
- A **lexical set** consists of a group of words which have the same realisation of a certain vowel in a certain variety.

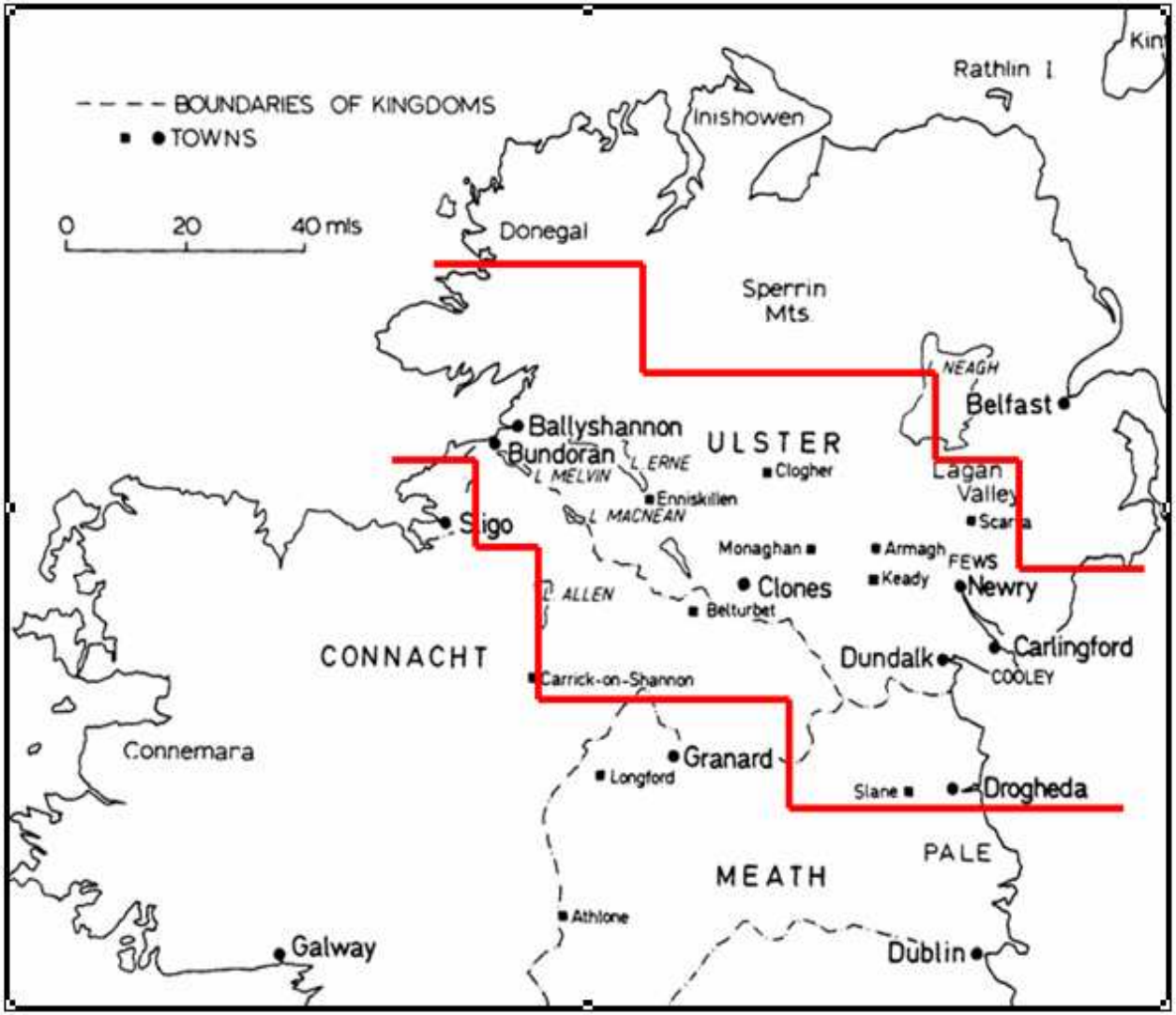
KIT: / ɪ / : *kit, hit, physics*

DRESS: /ɛ/: *dress, many, head*

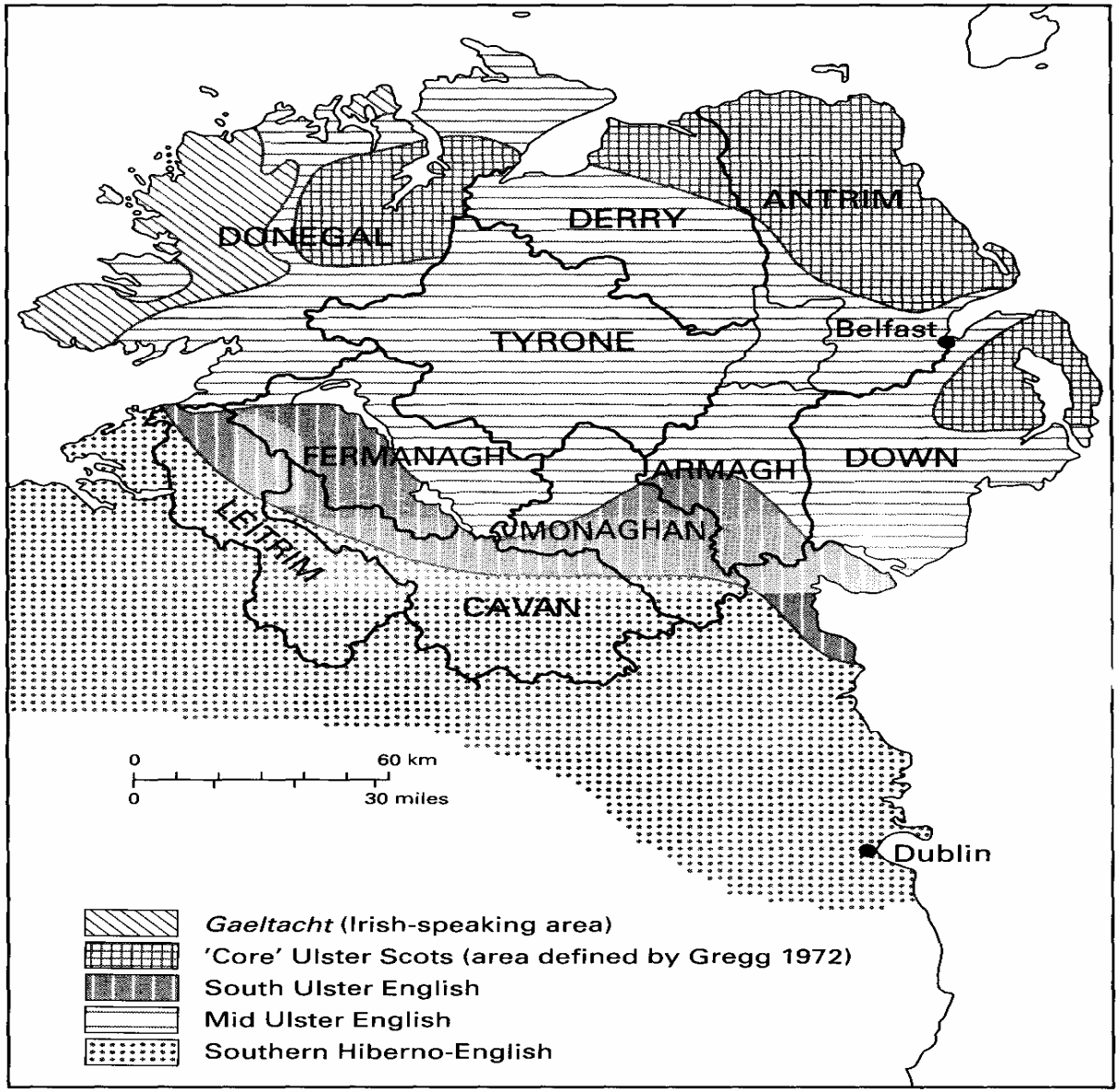
GOOSE: /u:/: goose, *school, who*

MOUTH: /au/: *mouth, how, doubt*

Tape-Recorded Survey (TRS) 1981

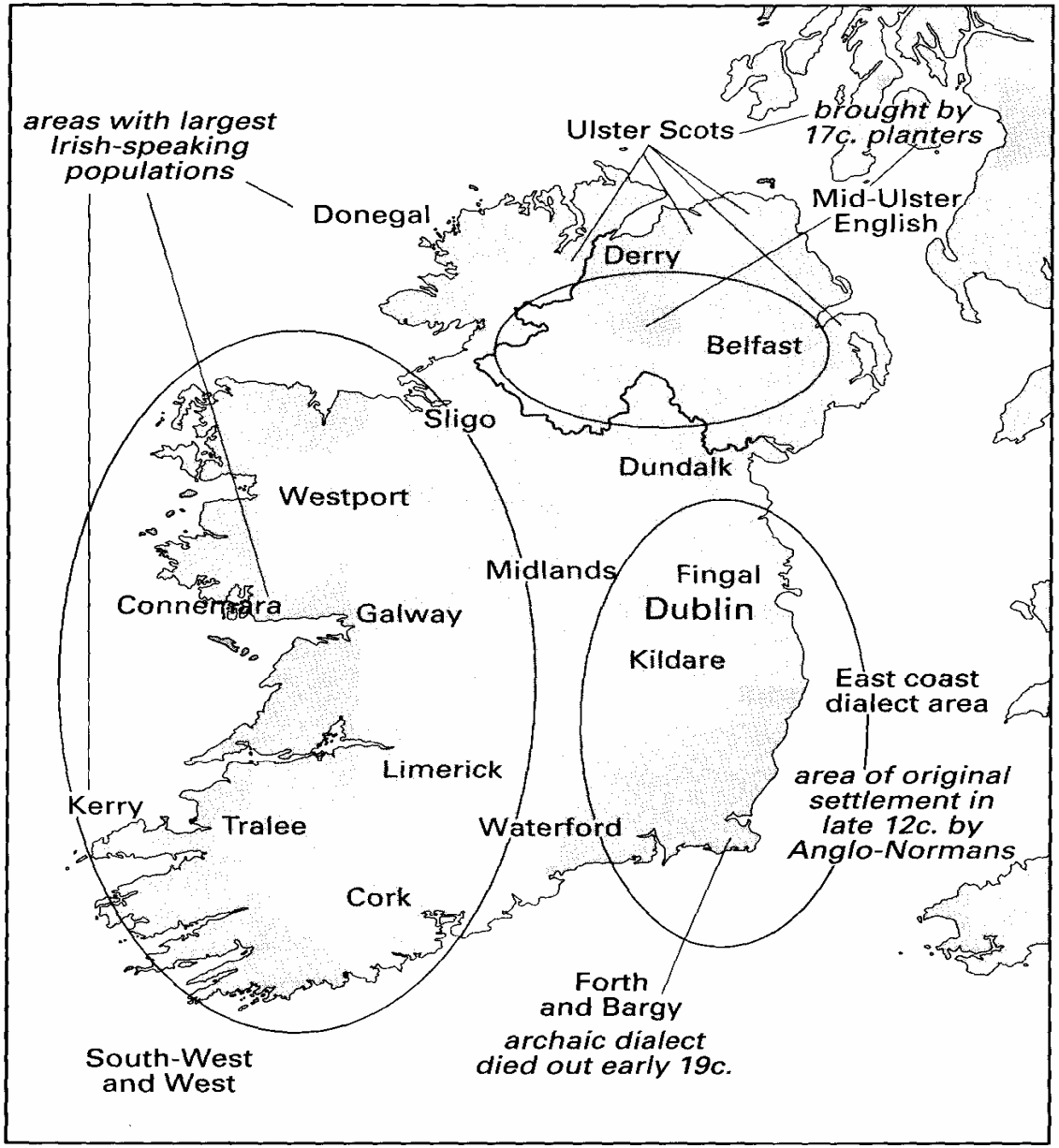


Varieties of English in Ulster



Harris 1985

English Dialect regions in Ireland



Hickey (2007)

Monophthongs

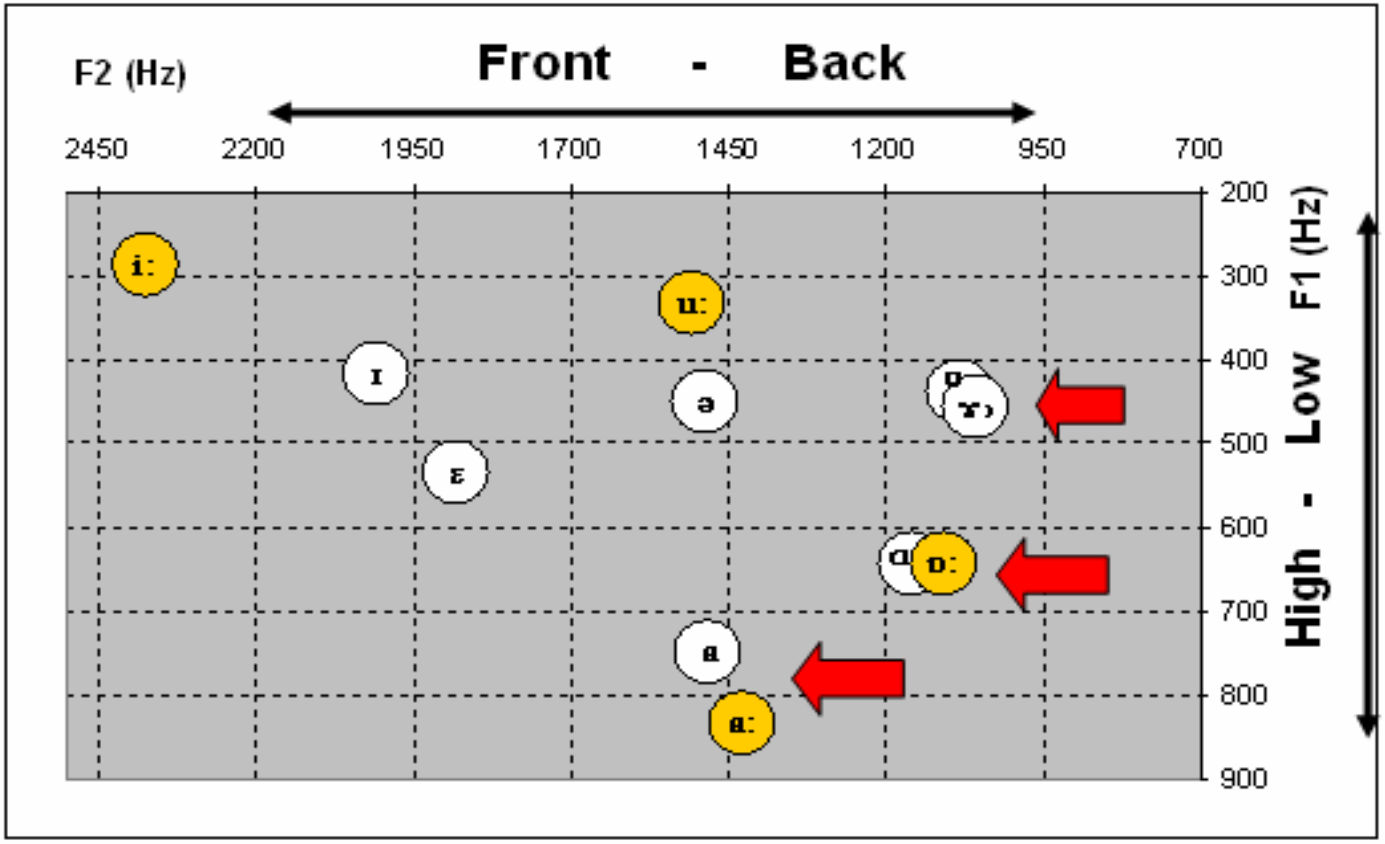
hid [ɪ] head [ɛ] hello [ə] had [a] Hod [ɑ] hood [ʊ] Hudd [ɤ›]

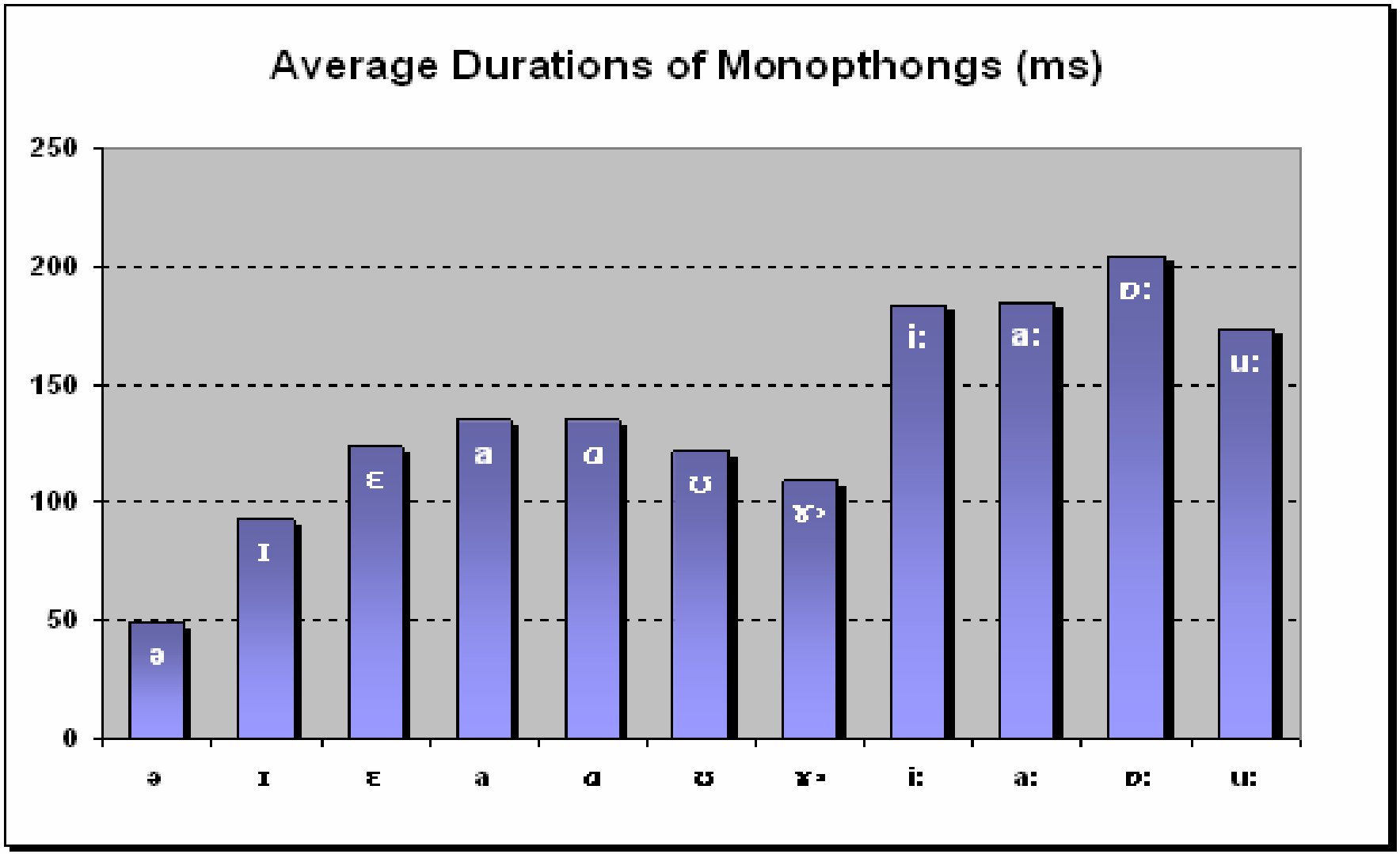
heed [i:]

half [a:]

hawed ɒ:]

who'd [u:]




Average Durations of Monopthongs (ms)
250
200
150
100
50
0
ə
ɪ
ɛ
a
ɑ
ʊ
ɤː
iː
aː
ɑː
uː

TRAP - BATH - PALM [a ~ a:]

ant

aunt

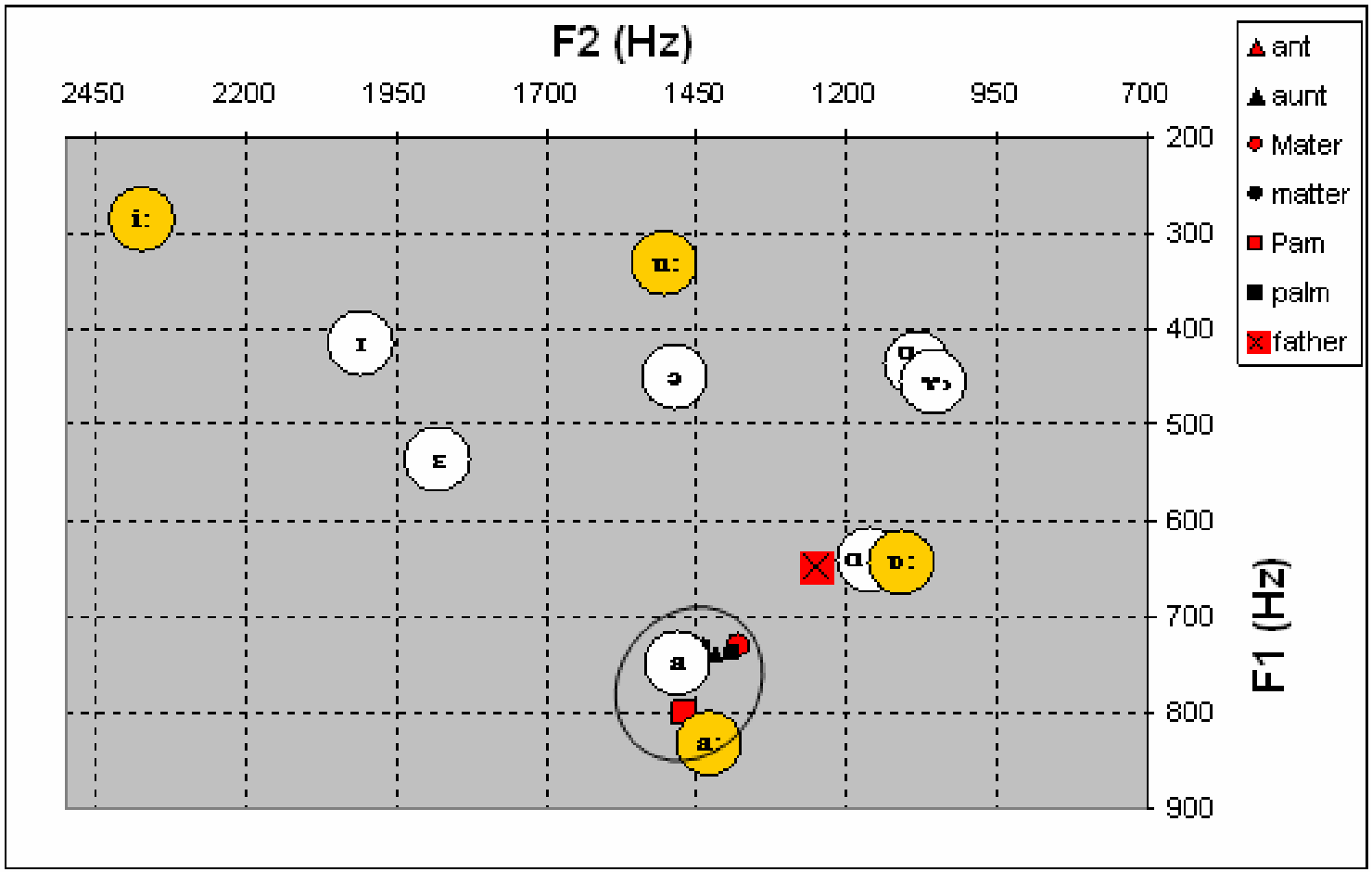
Mater

matter

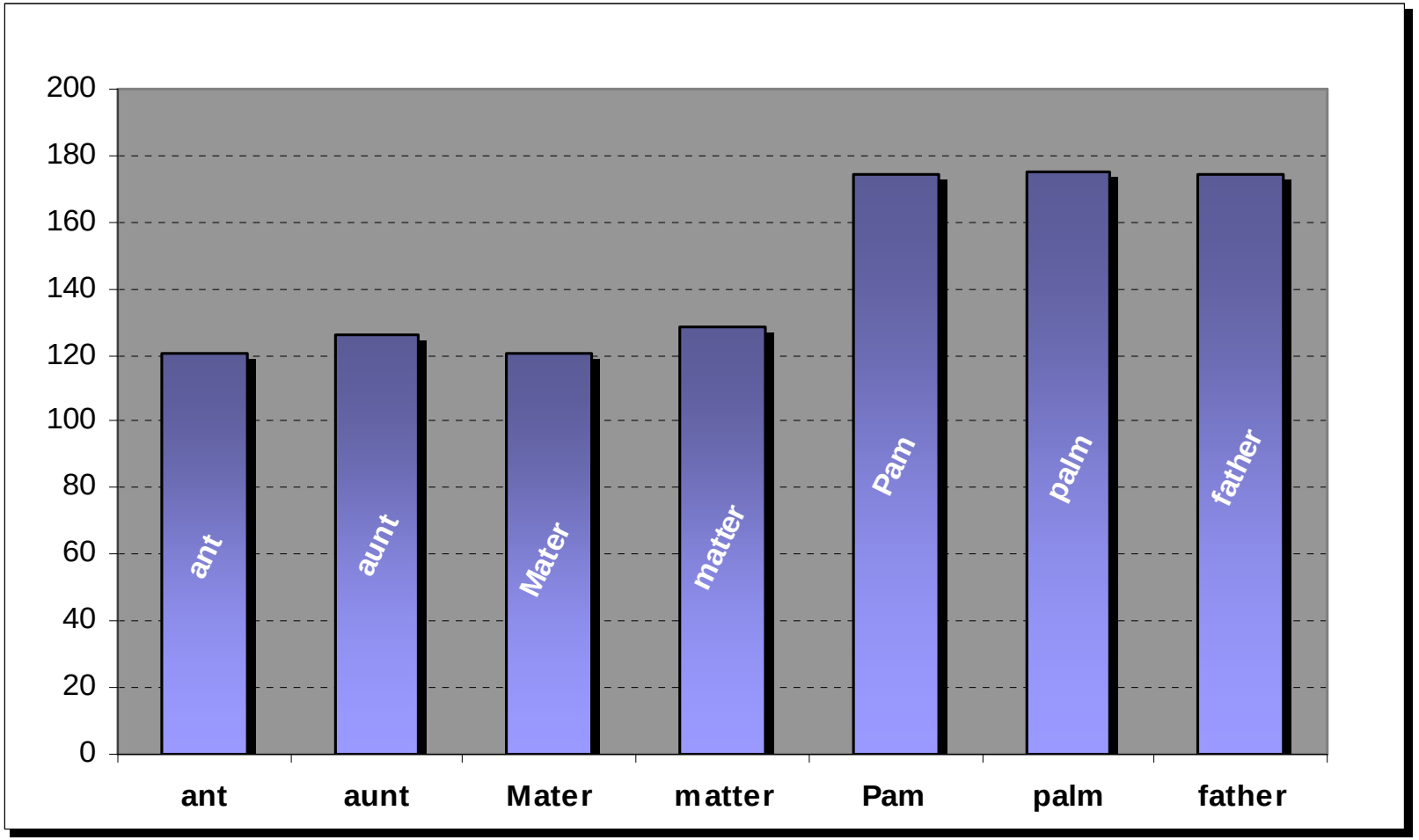
Pam

palm

father



Average Durations of TRAP-BATH-PALM words (ms)



STRUT : [ʌ → ɤ,]

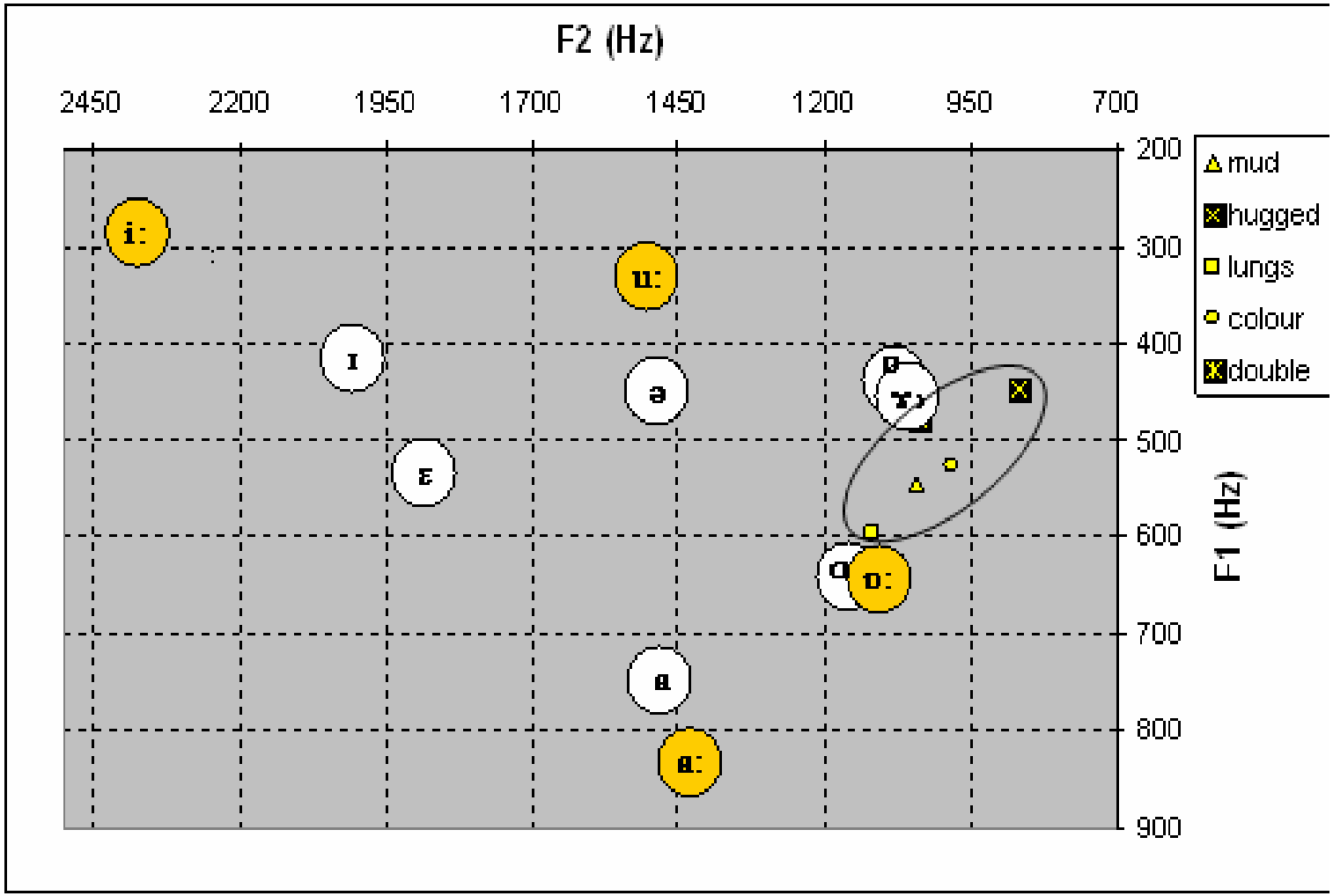
mud

hugged

lungs

colour

double



NURSE merger [ɛr~ ʌr]

earn

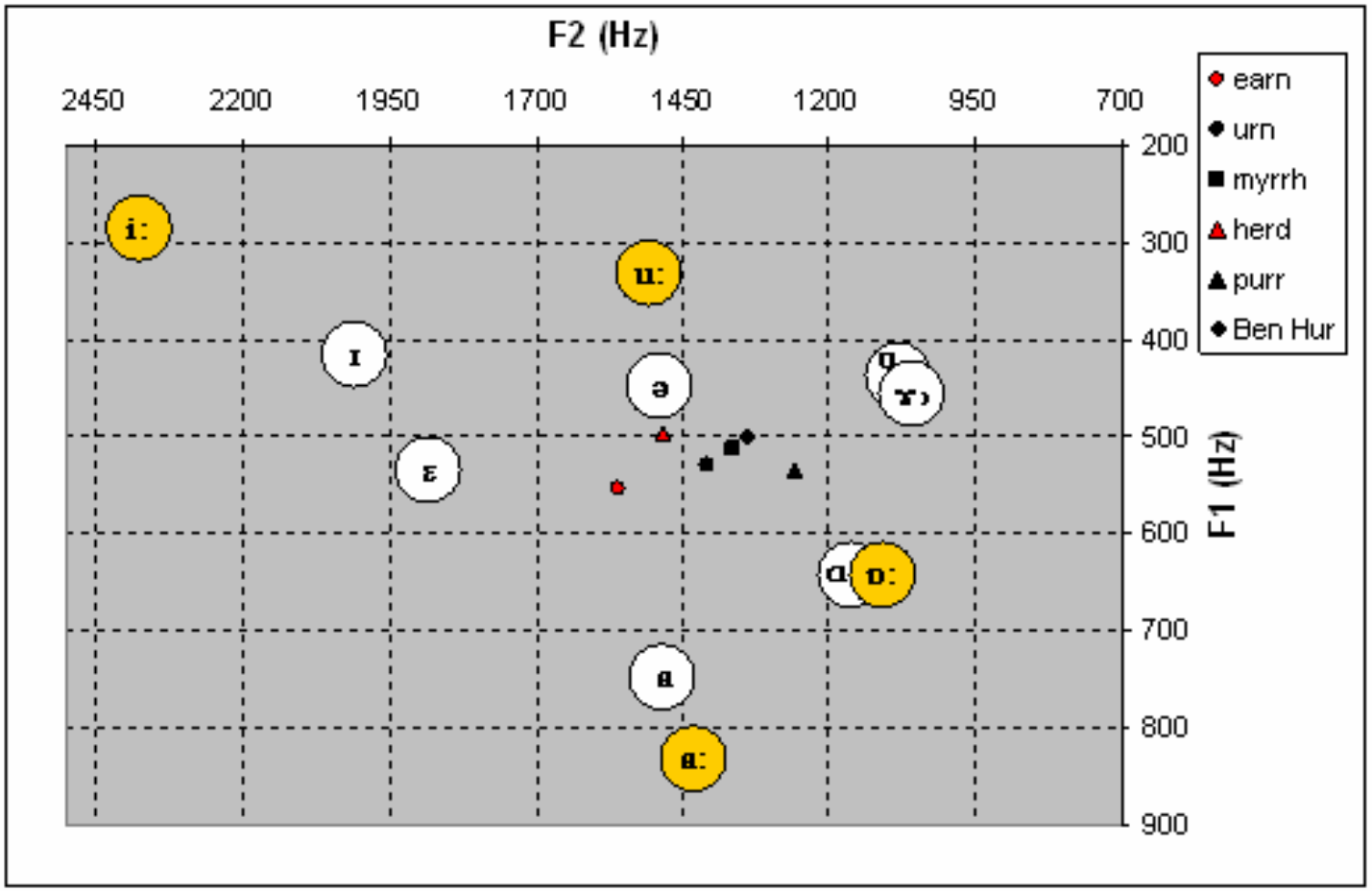
urn

myrrh

herd

purr

Ben Hur

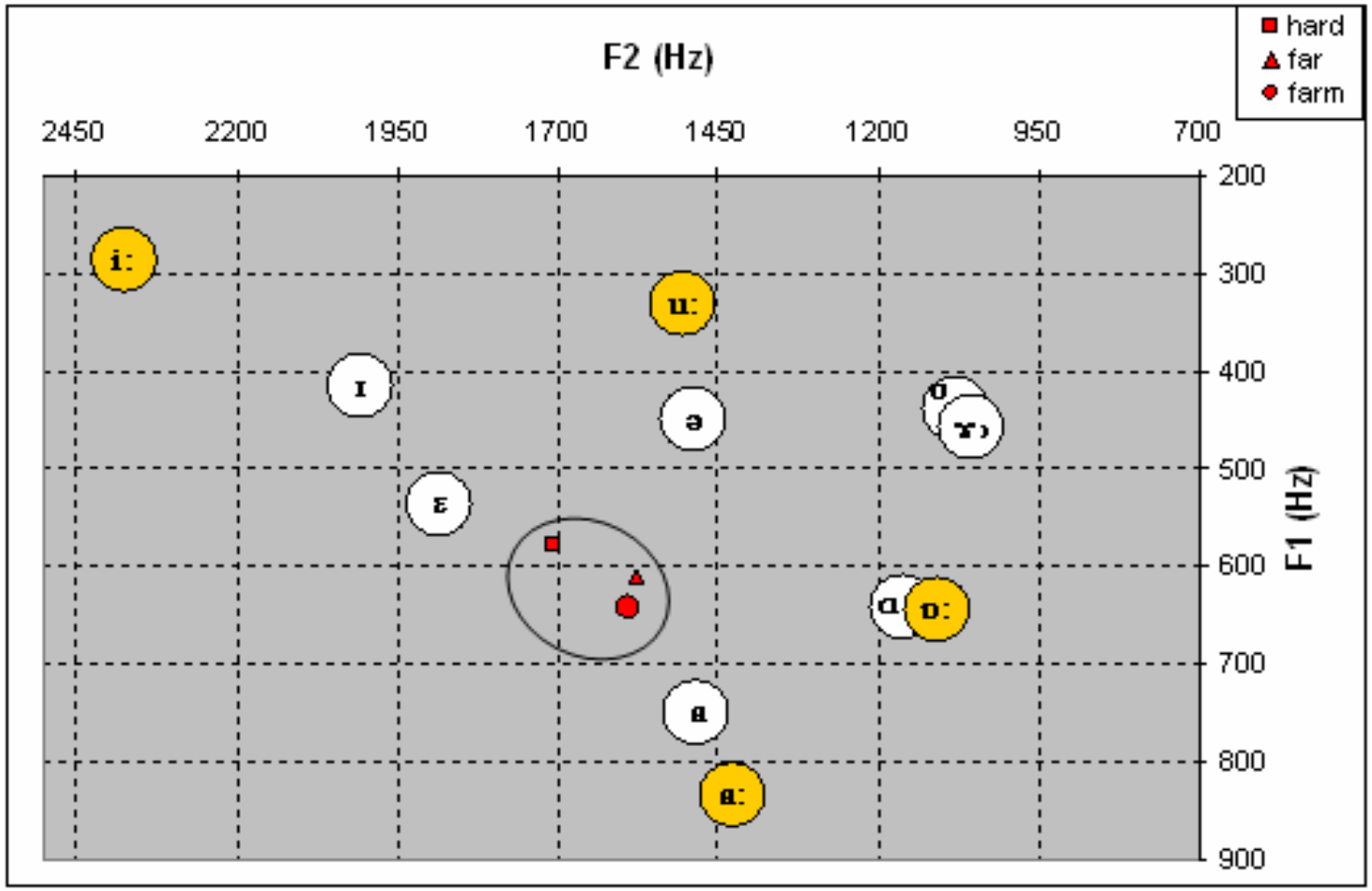


START [a:]

hard

far

farm

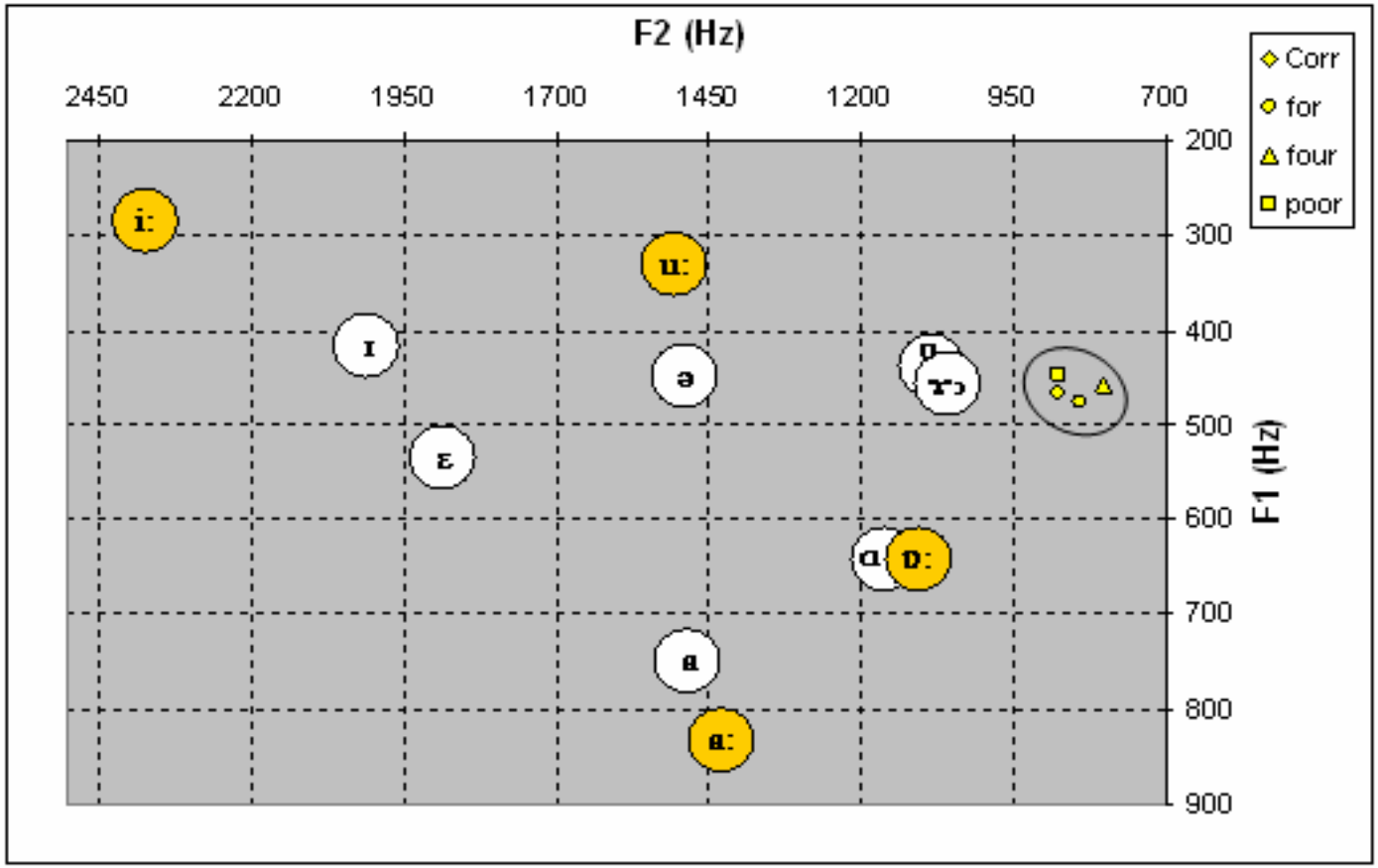


NORTH - FORCE - CURE [o:r]

NORTH: /ɔ:r/
Corr, for

FORCE: /o:r/
four

CURE: /u:r/
poor

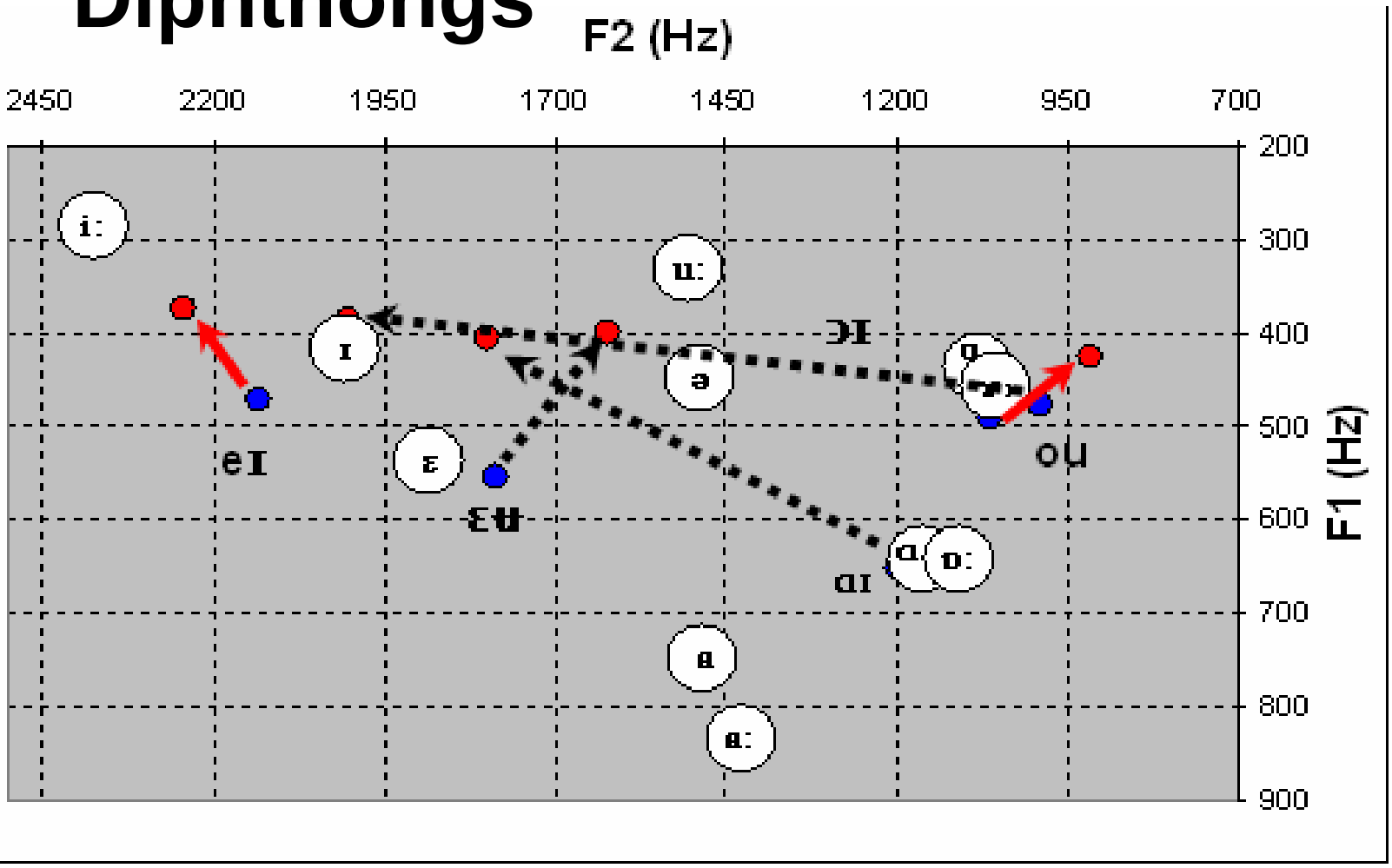


Diphthongs

hide

Hoyed

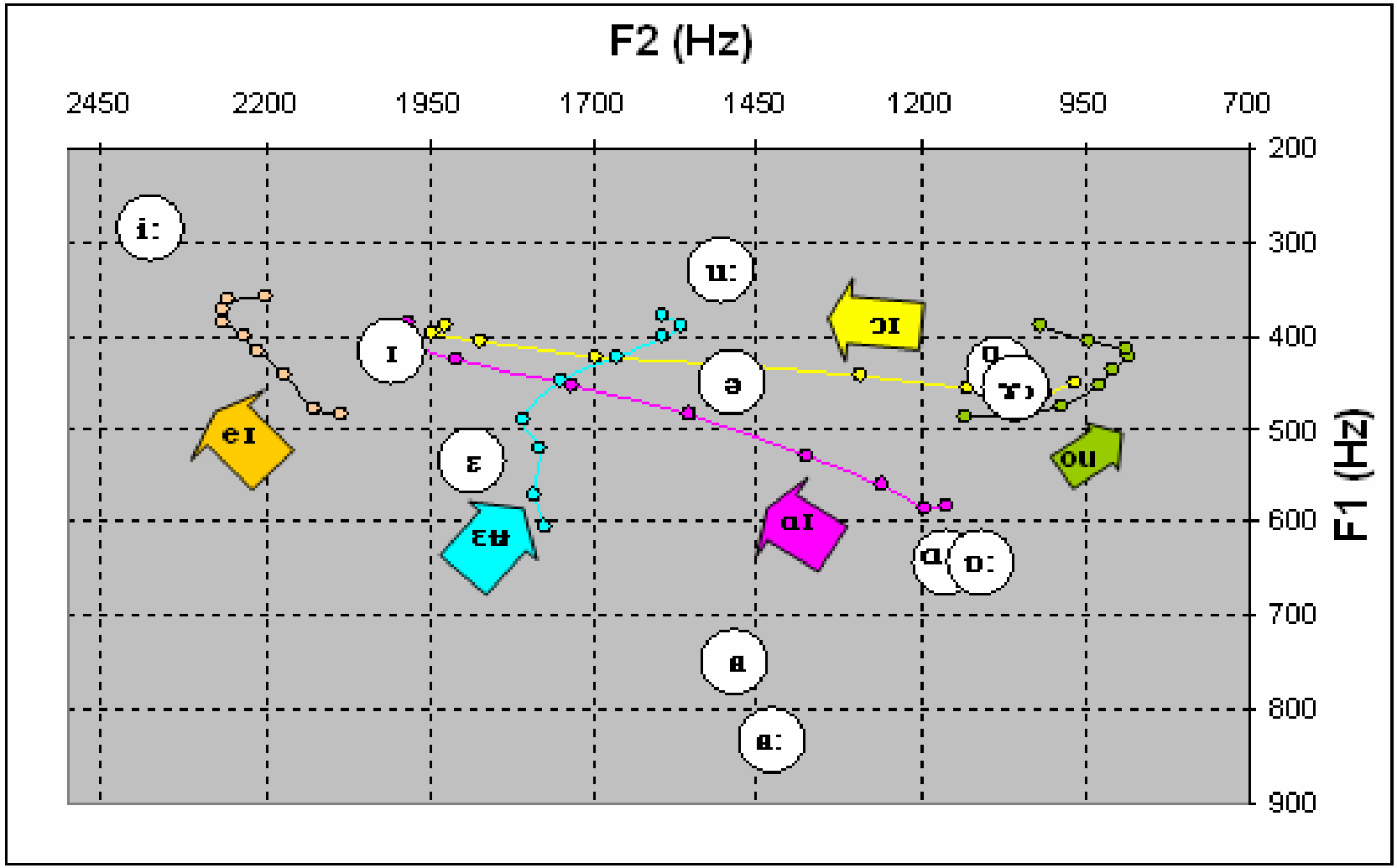
how'd



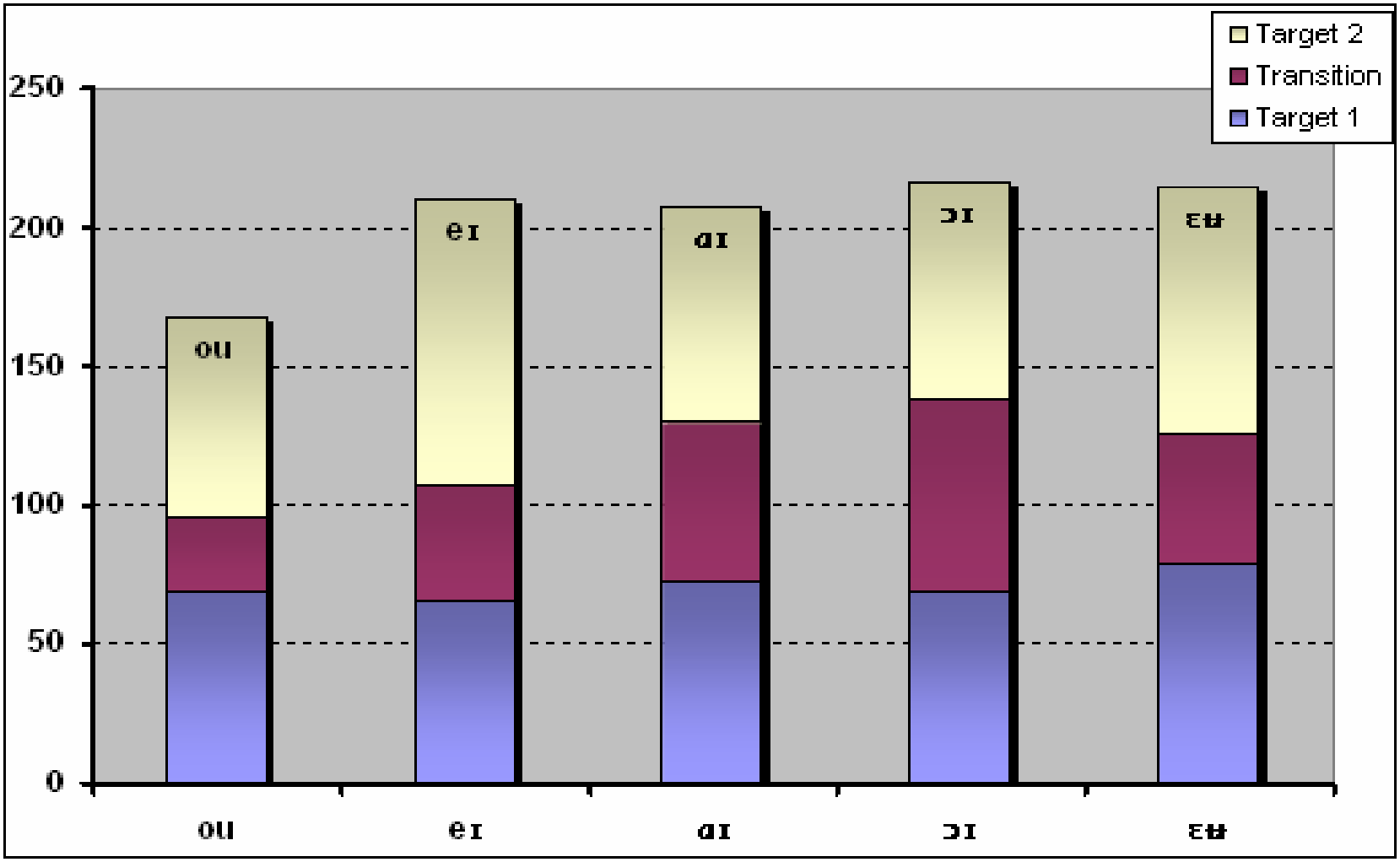
FACE: hayed [eɪ] not [e:]

GOAT: hoed, goat [ou] not [o:]

Diphthongs Trajectories



Diphthongs Average Durations (ms)

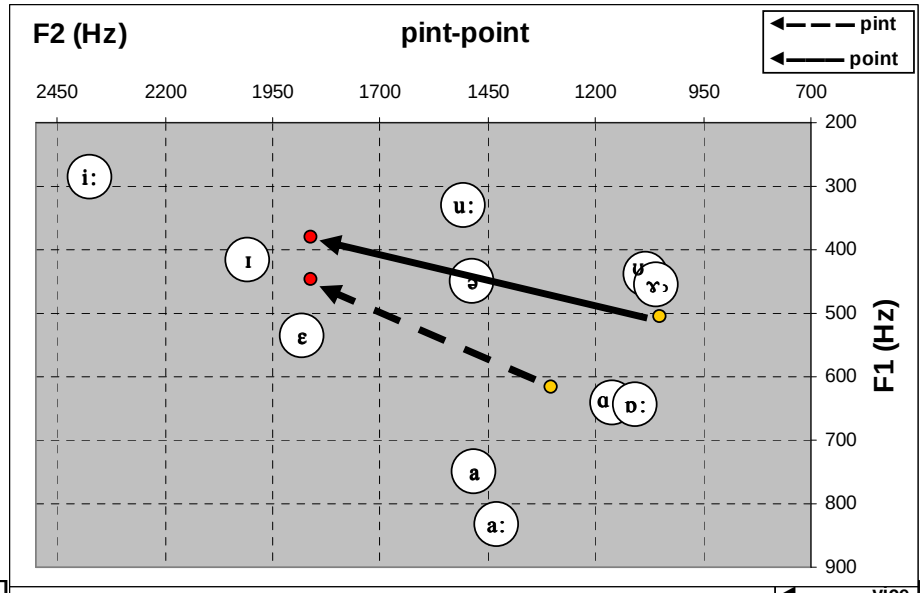


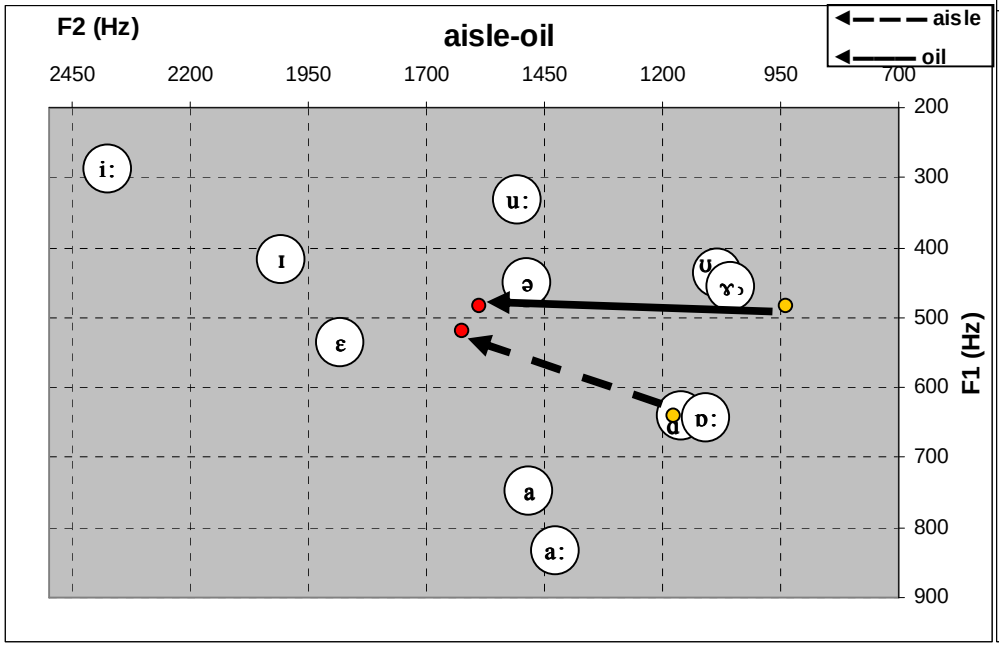
PRICE [ɑɪ] - CHOICE [ɔɪ]

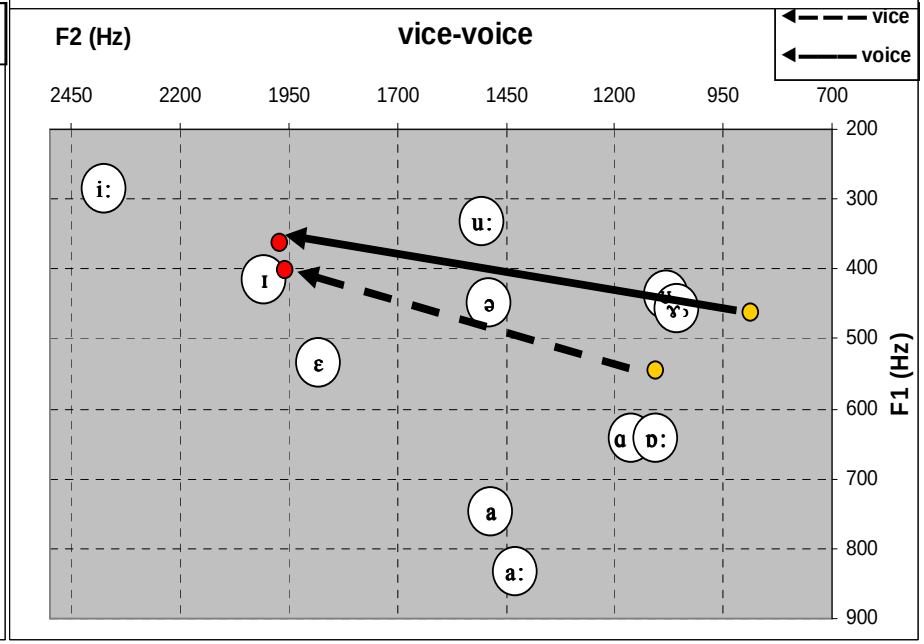
aisle - oil

pint - point

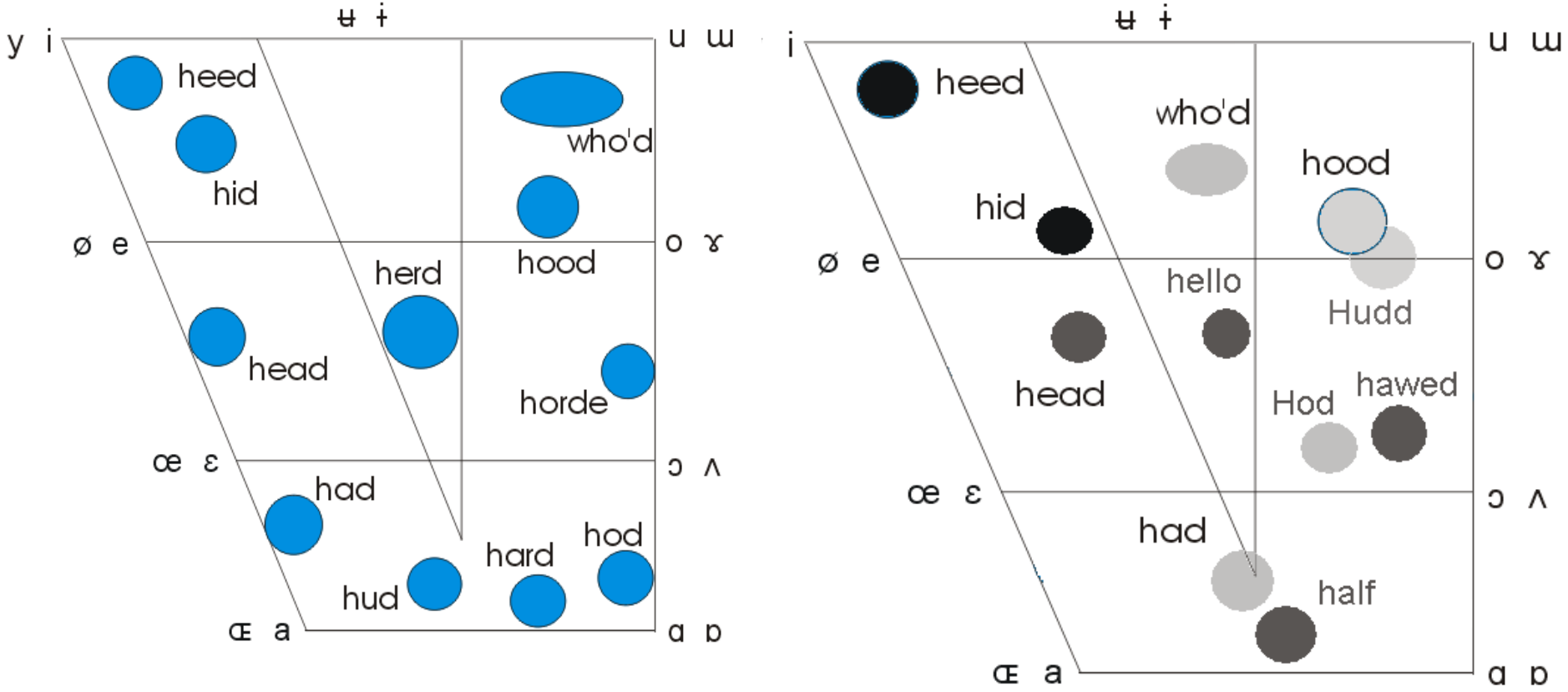
vice - voice





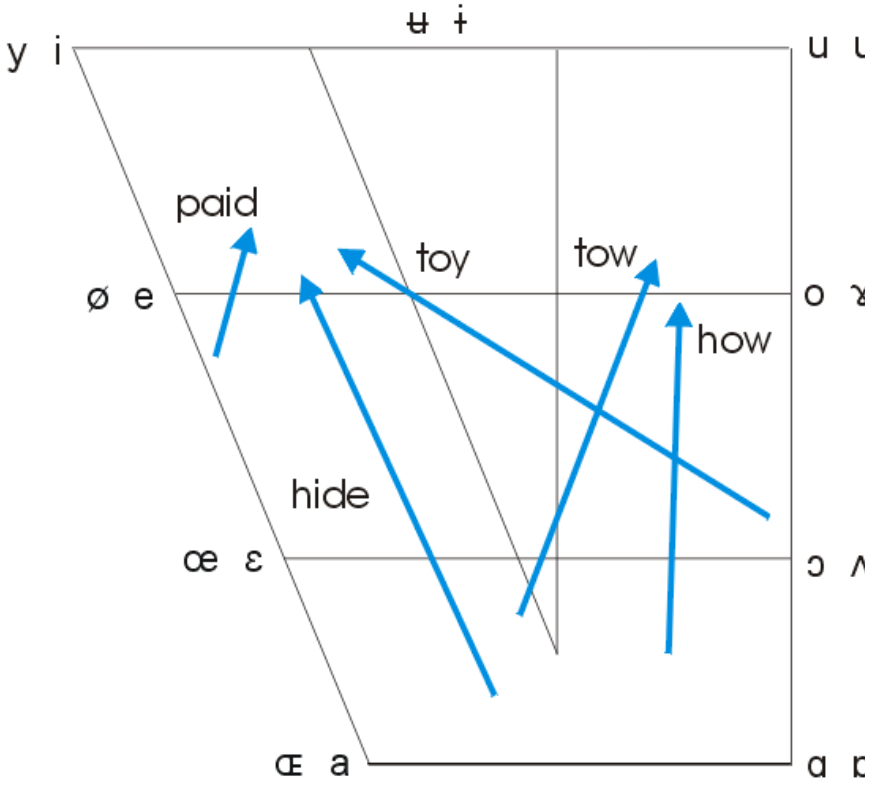


Comparison with RP: Monophthongs

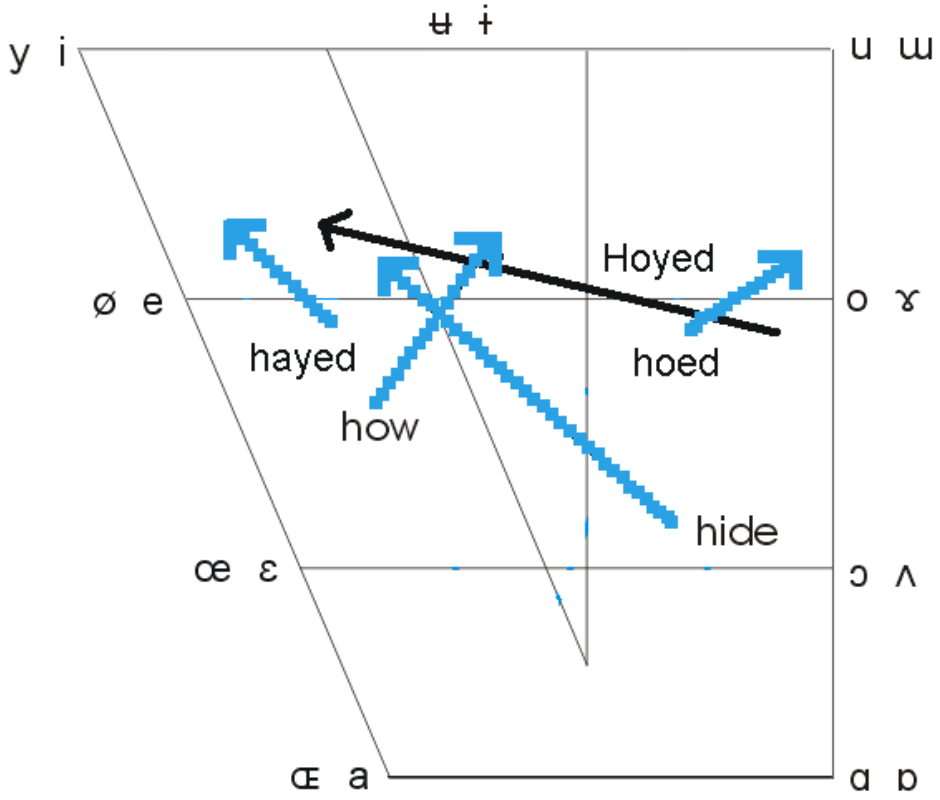


RP

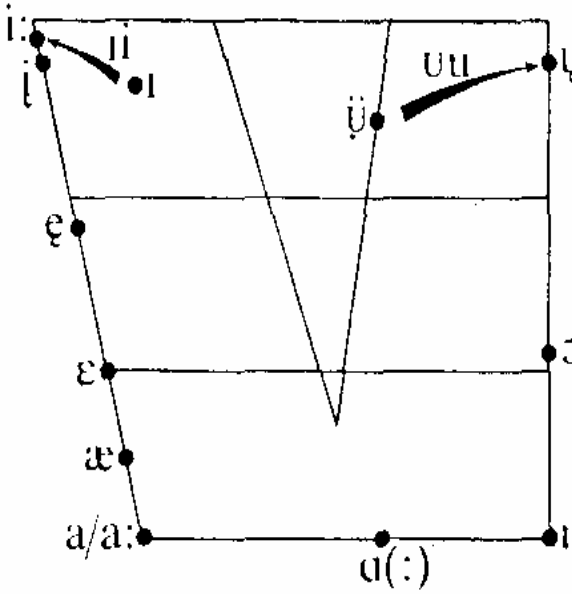
Comparison with RP: Diphthongs

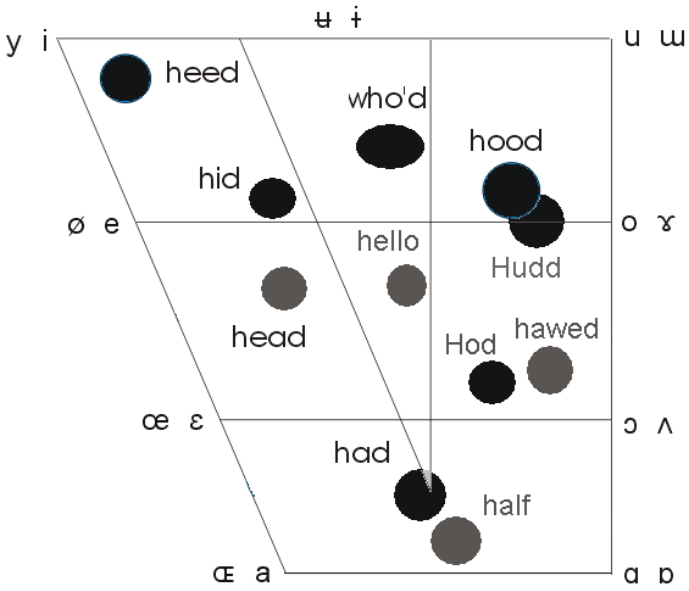


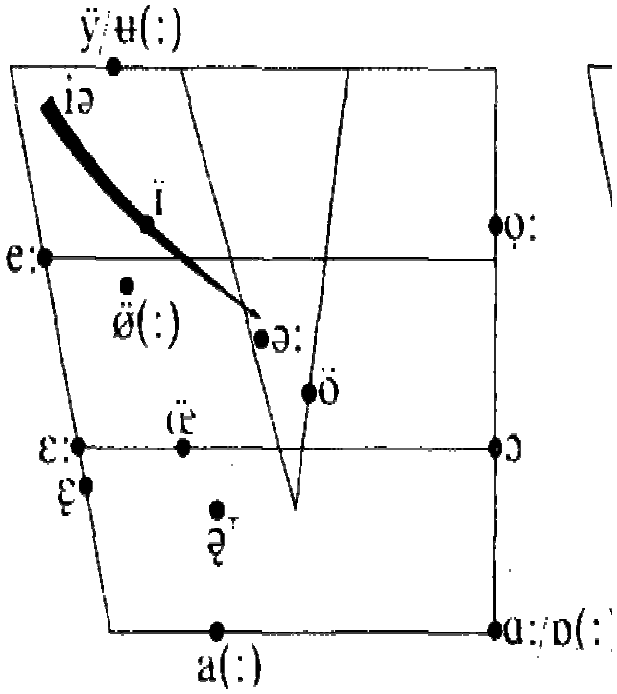
RP



Comparison with Dublin and Mid-Ulster English: Monophthongs







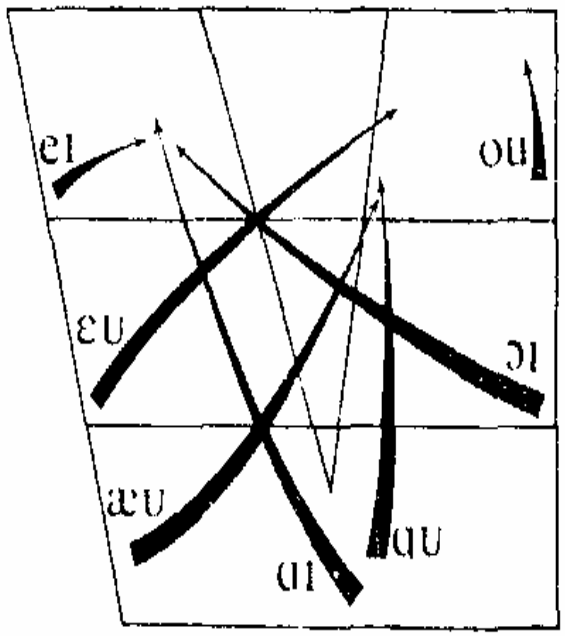
Dublin English

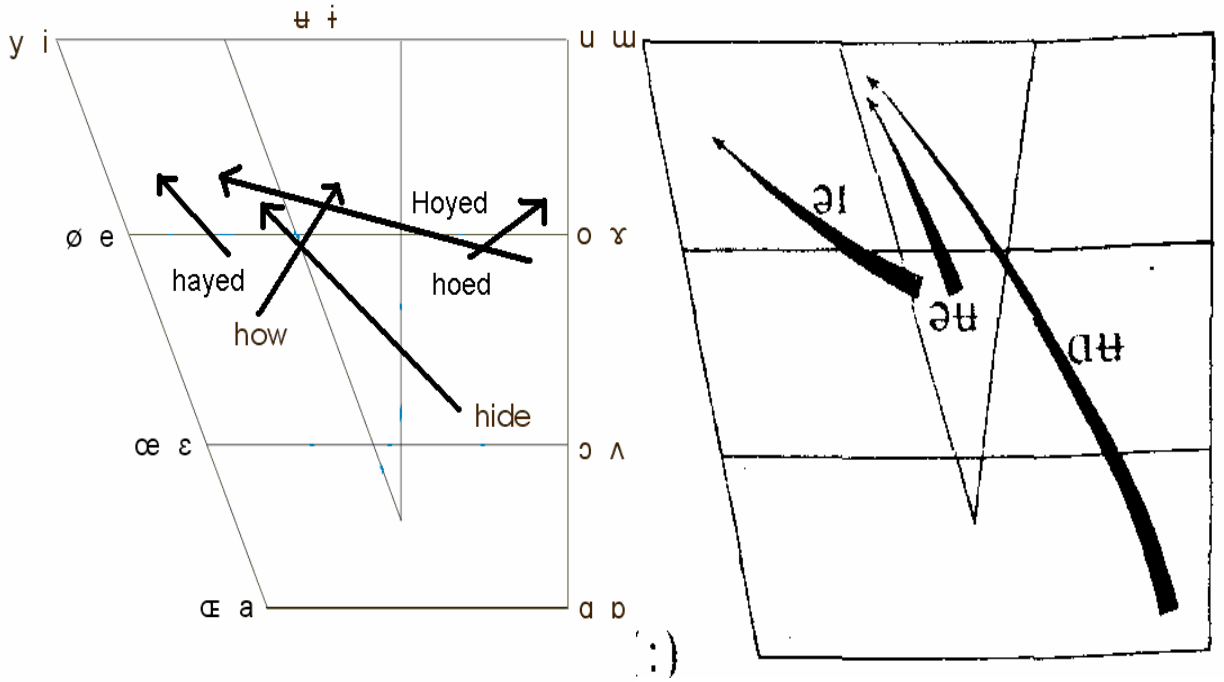
(Barry 1982)

Mid-Ulster English

(Barry 1982)

Comparison with Dublin and Mid-Ulster English : Diphthongs





Dublin English

(Barry 1982)

Mid-Ulster English

(Barry 1982)

Work in Progress

- Recording more informants and expand the word lists to verify findings of preliminary analysis.
- Modeling the intonational pattern of the variety under study.

References

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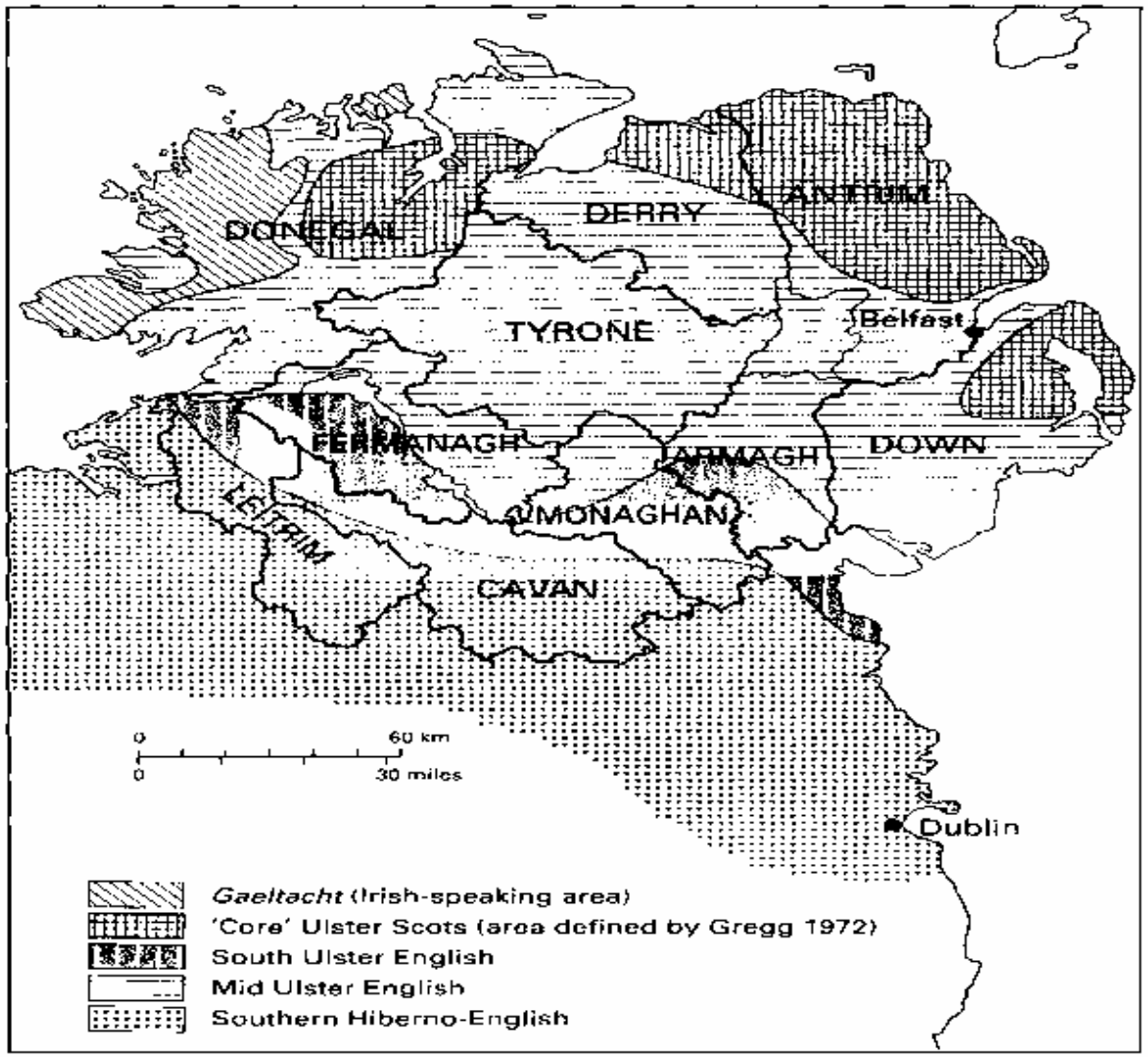
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DERRY
ANTRIM
TYRONE
Belfast
FERMANAGH
ARMAGH
DOWN
MONAGHAN
LEITRIM
CAVAN
0
60 km
0
30 miles
Dublin
Gaeltacht (Irish-speaking area)
'Core' Ulster Scots (area defined by Gregg 1972)
South Ulster English
Mid Ulster English
Southern Hiberno-English