

Linguistic behavior and social affiliation in an urbanizing community

David Bowie
University of Central Florida
dbowie@pegasus.cc.ucf.edu
American Dialect Society Annual Meeting
8 January 2004

WALDORF DEMOGRAPHICS

- ❖ Historically rural
- ❖ Stable population until World War II, then rapid increase

WALDORF /ci/-MONOPHTHONGIZATION

- ❖ Change in progress toward diphthongal form

LOCAL AFFILIATION

- ❖ Based on answers to three questions
 1. What sports teams do you cheer for?
 2. What newspapers do you read?
 3. If you can't find something in Waldorf, where would you go for fun or shopping?

SPORTS RESPONSES

- ❖ 18 of 25 speakers responded
 - ❖ 8 of 14 female, 10 of 11 male
- ❖ Between 1 and 6 teams per response
 - ❖ Negative responses not counted
- ❖ Teams located 0 to 2,686 miles from Waldorf
 - ❖ Distance capped at 100 miles for analysis

NEWS RESPONSES

- ❖ 23 of 25 speakers responded
 - ❖ 13 of 14 female, 10 of 11 male
- ❖ Between 1 and 3 sources per response
 - ❖ Negative responses not counted
- ❖ Sources located 0 to 241 miles from Waldorf (plus sources not fixed to a location)
 - ❖ Distance capped at 100 miles for analysis

SHOPPING AND ENTERTAINMENT RESPONSES

- ❖ 25 of 25 speakers responded
- ❖ Between 1 and 4 locations per response
- ❖ Locations located 0 to 195 miles from Waldorf
 - ❖ Distance capped at 100 miles for analysis
 - ❖ "Negative" responses assigned 0 miles
 - ❖ Catalogs/internet/&c. assigned 0 miles

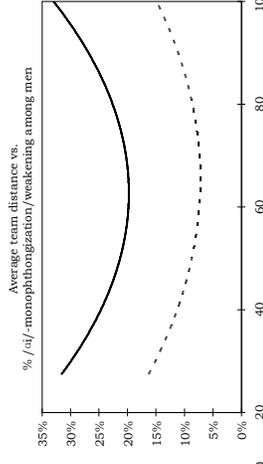
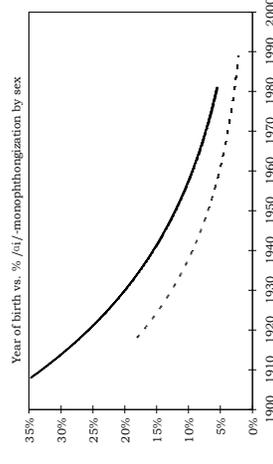
CORRELATIONS CALCULATED

- ❖ All correlations done for entire sample and broken down by sex
- ❖ Degree of divergence from standard (diphthongal) form
 - ❖ Monophthongal forms only
 - ❖ Weakened-glide (including fully monophthongal) forms
- ❖ Breakdown of local affiliation responses
 - ❖ Distance to first response
 - ❖ Distance to nearest response
 - ❖ Distance to farthest response
 - ❖ Average distance to all responses
 - ❖ Number of locations outside of Waldorf named

SIGNIFICANT CORRELATIONS

- ❖ Monophthongization and weakening among all speakers
 - ❖ Maximally distant shopping and entertainment location
 - ❖ Average distance of shopping and entertainment locations
- ❖ Monophthongization and weakening among males:
 - ❖ Average distance of sports teams
 - ❖ First named shopping and entertainment location
 - ❖ Minimally distant shopping and entertainment location
 - ❖ Average distance of shopping and entertainment locations
- ❖ Monophthongization only among males:
 - ❖ First named sports team
 - ❖ Maximally distant sports team
 - ❖ Maximally distant shopping and entertainment location

SHAPES OF CORRELATIONS



Up parabolas

- Monophthongization and weakening among males:
 - ❖ Average sports team
 - ❖ First shopping/entertainment
 - ❖ Nearest shopping/entertainment
 - ❖ Average shopping/entertainment
- Monophthongization only among males:
 - ❖ First sports team
 - ❖ Farthest sports team

Down parabolas

- Monophthongization and weakening among all speakers:
 - ❖ Farthest shopping/entertainment
 - ❖ Average shopping/entertainment
 - ❖ Monophthongization only among males:
 - ❖ Farthest shopping/entertainment