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Variation in the Production and Perception of Regional Putonghua in Ningbo, China

Empowering Individuals

Transforming Societies

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Background

Variationist sociolinguistics has benefitted from a combination of production and perception data (Drager, 2009; Labov, 1972; Walker, 2014), which not only offers a fuller picture of the variation in question, but also contributes to our theoretical understanding of, for example, the mechanism of indexicality (Campbell-Kibler, 2009, 2010).

- To understand language variation in contact variety(-ies) of Putonghua (standard Chinese) better by linking speakers' production and perception.
- To investigate how social meanings are conveyed for different features in the same variety.
- Production and perception data from young adult speakers of Ningbo Putonghua, Putonghua and Ningbonese/Wu in Eastern China.
- (non-standard) phonetic/phonological merger in Ningbo Putonghua.

ed for different features in the CHINA Shanghai Mingbo

Production

Participants: 44 university students in Ningbo (22 women & 20 men).

Data: 44 Sociolinguistic interviews with all participants (~45 hours total)

Social factor: gender

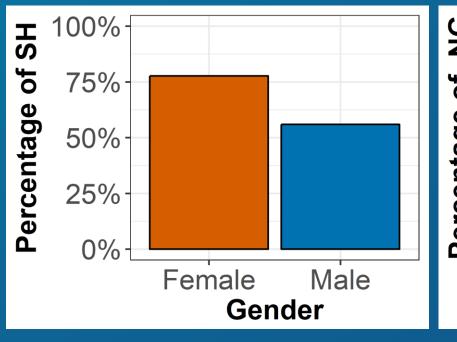
Variables:

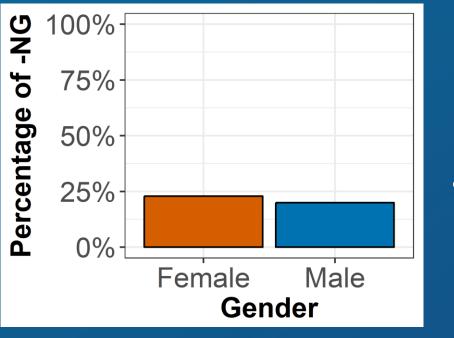
- (merger = local/'non-standard')
- dental-retroflex fricative/affricates /s/~/s/, /ts/~/ts/ & /tsh/~/tsh/ (\$/SH)
- alveolar/velar nasal finals /n/~/ŋ/ (-N/NG).

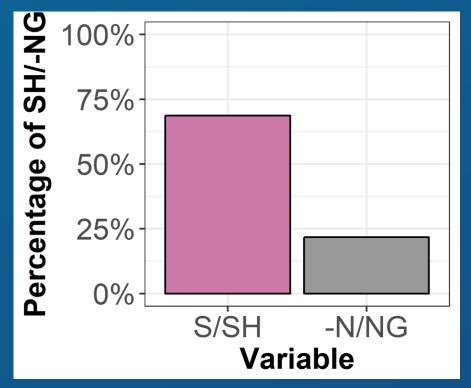
Mixed-effect logistic regression: [presence/absence of target variant ~ gender]

Results

- 10 women & 8 men (2200 tokens)
- Overall, more (-N) than (S)
 - -N/-NG merger > S/SH merger







Women use more -SH than men, while no significant gender differences for -N/-NG.

Perception

Participants: 310 responses (80 from men, 167 from women, mean age: 22.6)

Matched guise experiment:

zai gongjiao**zhan/zan peng/pen**daodenei Qi**shi/si** wo jianguo zuotian jige meet-PP yesterday at bus stop Bump-DE those several-CL actually I nian**ging/qin**de neige hui chou/couyan. ouer ren, that-CL occasionally can most young-DE smoke-cigarette person 'I have actually met those people we bumped into at the bus stop yesterday, the youngest one smokes occasionally.'

Linear regression: [rating ~ presence/absence of target variant]

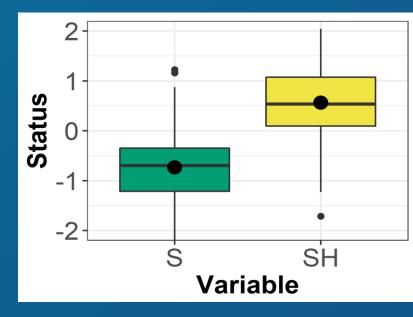
Results (Significant for S/SH)

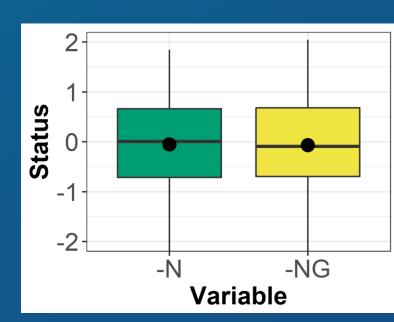
Status:

Formality

Occupation

(PCA) Standard + Educated + Leadership + Quality (*suzhi*)

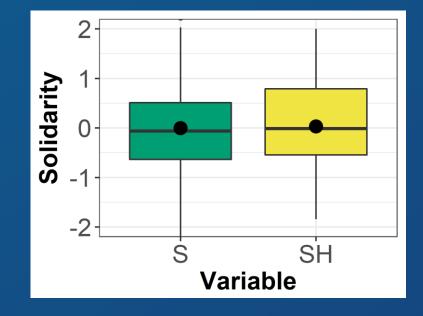


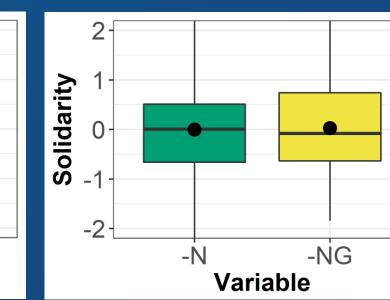


Results (Non-Significant)

Solidarity:

(PCA) Familiar + Gentle





- Femininity
- Localness

Summary

- In perception, use of SH (retroflex variants) associated with higher status, greater formality, better occupations
- > SH = the 'standard' variant: more standard = more overt prestige
- -N/NG not associated with overt prestige
- Neither S/SH nor –N/NG linked to solidarity, femininity or localness
 - > 'Standard' and local variants enjoy the same level of solidarity.
 - Surprising yet consistent with previous findings on reginal Putonghua varieties (Chong & Tan, 2013; Zhang, 1990; Zhao, 2018).
 - Supralocal variable shared by many Southern varieties?
- Speakers, especially women avoid
 - less prestigious S variant for S/SH
 - Not the -N variant for -N/NG
- > Gaining social status while not penalised on solidarity dimension