Can heritage speakers innovate allophonic splits due to contact?

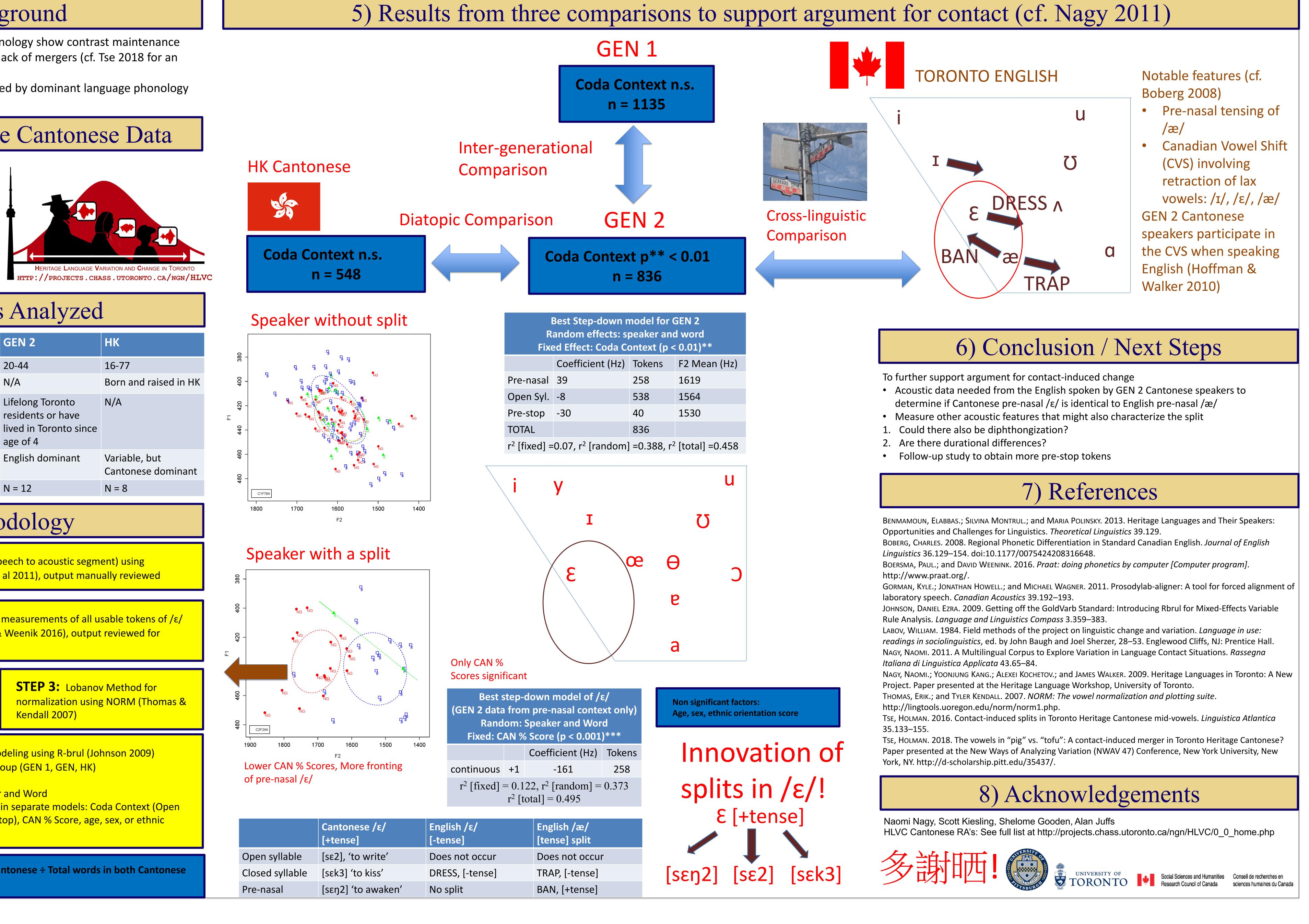


Linguistic Society of America Annual Meeting, January 5, 2019, New York, NY Holman Tse (hbt3@pitt.edu), Dept. of Linguistics, Univ. of Pittsburgh, Pittsburgh, PA 15260 **Poster PDF available at: http://www.pitt.edu/~hbt3/**

- exception)
- (cf. Tse 2016)?

HLVC Corpus (Nagy et al 2009, Nagy 2011) consists of:

- Sociolinguistic Interviews (~1 hour long spontaneous speech samples following methods discussed in Labov 1984)
- Picture naming task



Group	GEN 1	GEN 2	НК
Age Range	46-87	20-44	16-77
Time in Hong Kong	Born and raised in HK	N/A	Born and raise
Time in Toronto	Moved to Toronto as adults, lived in Toronto > 20 years	Lifelong Toronto residents or have lived in Toronto since age of 4	N/A
English Proficiency	Variable, but Cantonese dominant	English dominant	Variable, but Cantonese do
TOTAL	N = 12	N = 12	N = 8





extreme values

NORM





and English



Notable features (cf. Boberg 2008)

- Pre-nasal tensing of /æ/
- Canadian Vowel Shift (CVS) involving retraction of lax vowels: /ɪ/, /ε/, /æ/

GEN 2 Cantonese speakers participate in the CVS when speaking English (Hoffman & Walker 2010)

6) Conclusion / Next Steps

- Acoustic data needed from the English spoken by GEN 2 Cantonese speakers to

7) References

- BENMAMOUN, ELABBAS.; SILVINA MONTRUL.; and MARIA POLINSKY. 2013. Heritage Languages and Their Speakers:
- BOBERG, CHARLES. 2008. Regional Phonetic Differentiation in Standard Canadian English. Journal of English
- BOERSMA, PAUL.; and DAVID WEENINK. 2016. Praat: doing phonetics by computer [Computer program].
- GORMAN, KYLE.; JONATHAN HOWELL.; and MICHAEL WAGNER. 2011. Prosodylab-aligner: A tool for forced alignment of
- JOHNSON, DANIEL EZRA. 2009. Getting off the GoldVarb Standard: Introducing Rbrul for Mixed-Effects Variable
- LABOV, WILLIAM. 1984. Field methods of the project on linguistic change and variation. Language in use: *readings in sociolinguistics,* ed. by John Baugh and Joel Sherzer, 28–53. Englewood Cliffs, NJ: Prentice Hall. NAGY, NAOMI. 2011. A Multilingual Corpus to Explore Variation in Language Contact Situations. Rassegna
- NAGY, NAOMI.; YOONJUNG KANG.; ALEXEI KOCHETOV.; and JAMES WALKER. 2009. Heritage Languages in Toronto: A New
- TSE, HOLMAN. 2016. Contact-induced splits in Toronto Heritage Cantonese mid-vowels. *Linguistica Atlantica*

TSE, HOLMAN. 2018. The vowels in "pig" vs. "tofu": A contact-induced merger in Toronto Heritage Cantonese? Paper presented at the New Ways of Analyzing Variation (NWAV 47) Conference, New York University, New

8) Acknowledgements

HLVC Cantonese RA's: See full list at http://projects.chass.utoronto.ca/ngn/HLVC/0_0_home.php