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# Introduction

• Pattani Malay is often cited as a prime example of a language with moraic onset: Initial geminates (IGs) attract stress

(Hajek & Goedeman 2003, Topintzi 2008)

[buˈ**wɔh**] [Ja'**lɛ**]

'fruit' 'path, road' ['**μα**Ιε]

['**bːu**wɔh]

'to stand' 'road, path'

• *Caveat*: based on a single impressionistic description

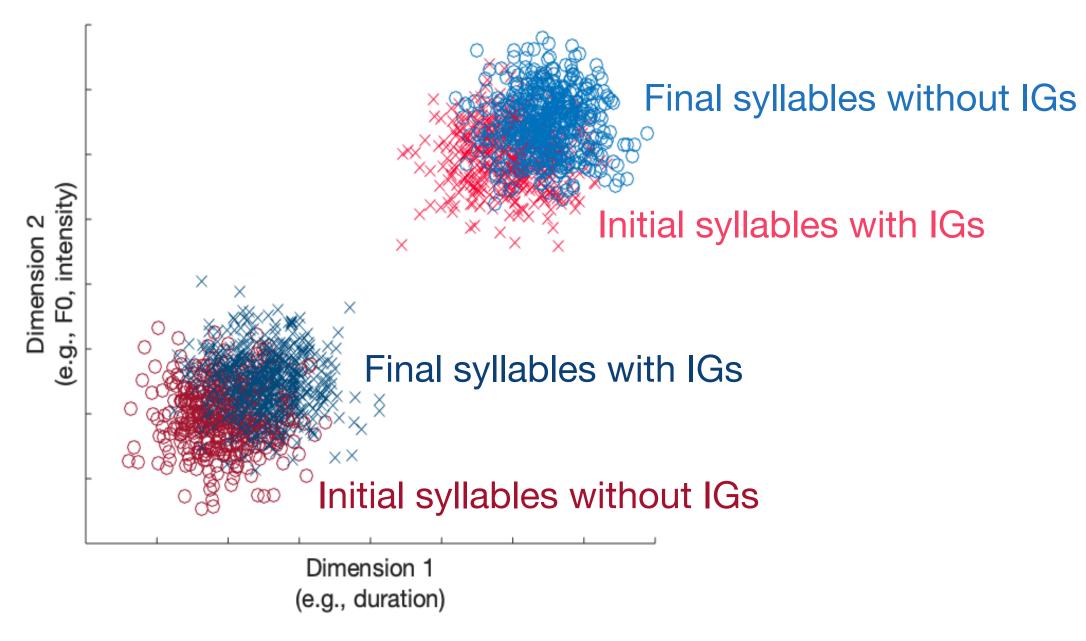
## **Research Question**

Do words with and without IGs display different prominence patterns, based on acoustic data correlating with stress?

- Words without IGs display final prominence
- Words with IGs display initial prominence

## Prediction

If IGs attract stress and words with and without IGs have different stress patterns...



## Data Collection

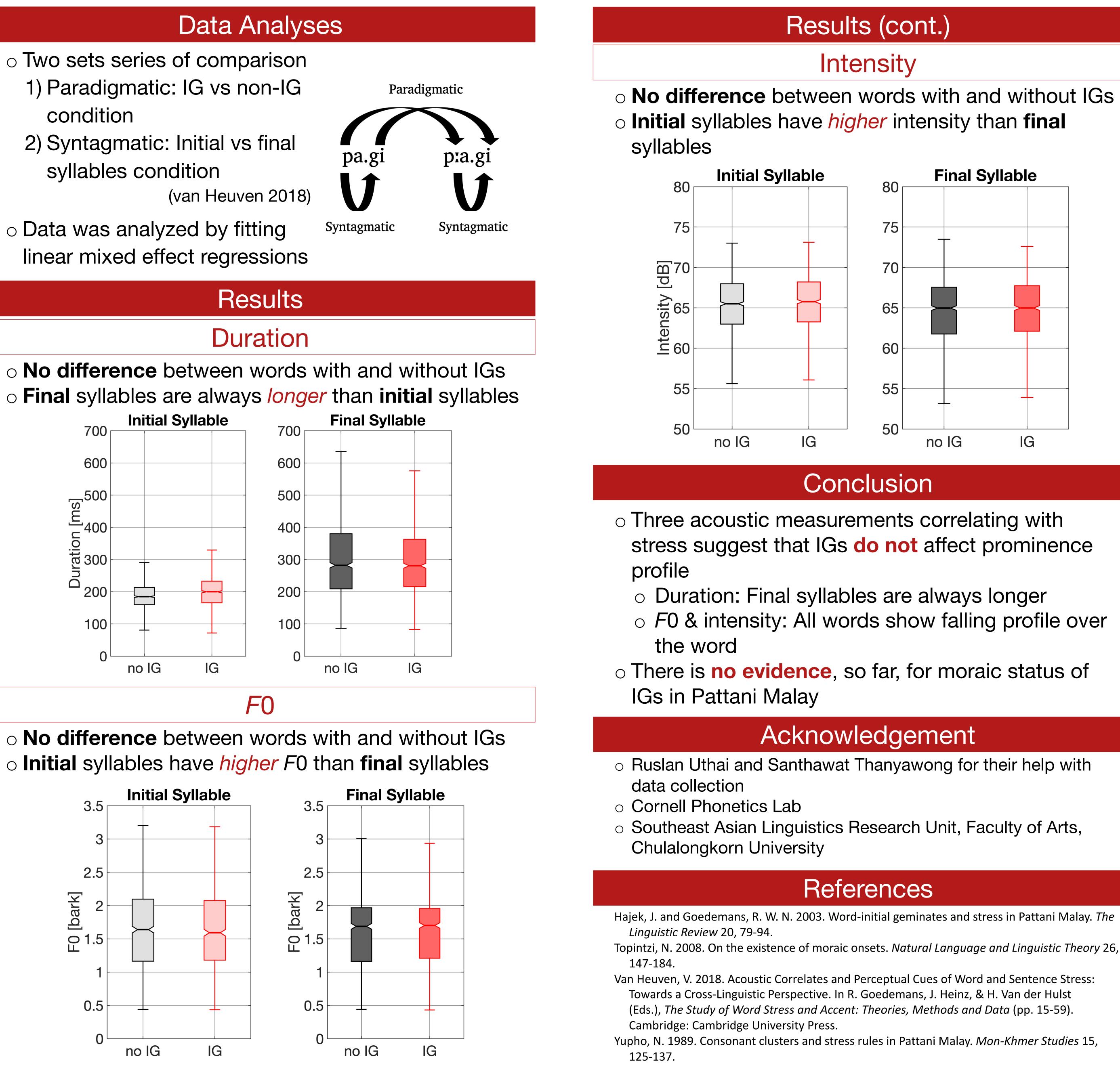
- $\circ$  14 speakers (6M; 8F) in age range 20-61 y.o.  $(\mu = 33, \sigma = 16)$
- Target words: 13 disyllabic minimal pairs x 6 repetitions
- Each target word embedded in a sentence
- Cued by natural sounding Thai sentences

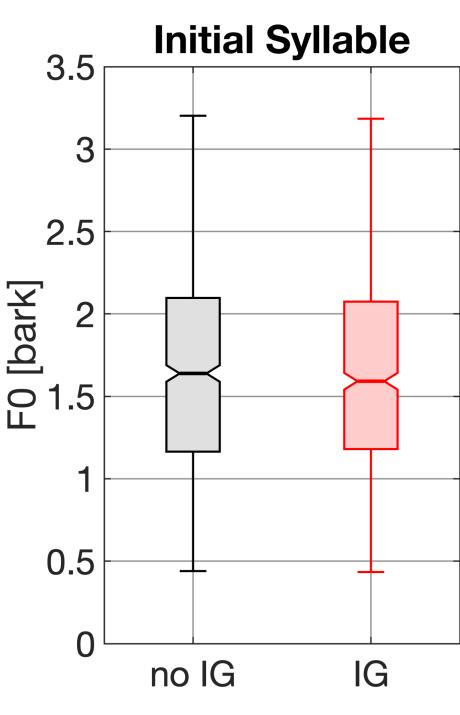
# (Non-)Interactions of Initial Geminates and Stress: A case study of Pattani Malay

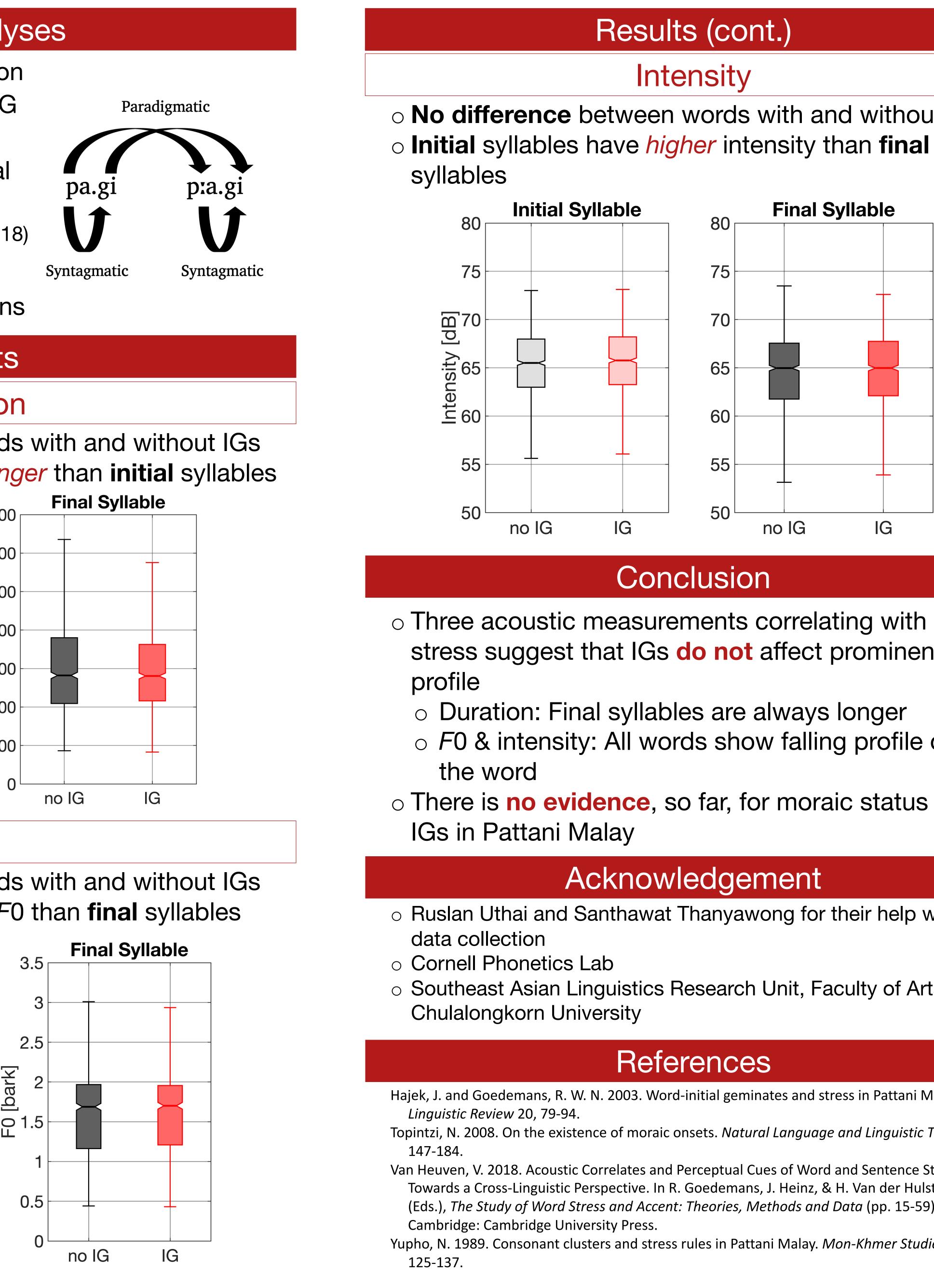
Sireemas Maspong<sup>a</sup>, Francesco Burroni<sup>a</sup>, Pimthip Kochaiyaphum<sup>b</sup>, Pittayawat Pittayaporn<sup>b</sup> Cornell University<sup>a</sup>, Chulalongkorn University<sup>b</sup>

- condition
- 2) Syntagmatic: Initial vs final syllables condition
- Data was analyzed by fitting

- Initial Syllable **700** [







## (Yupho 1989)

