
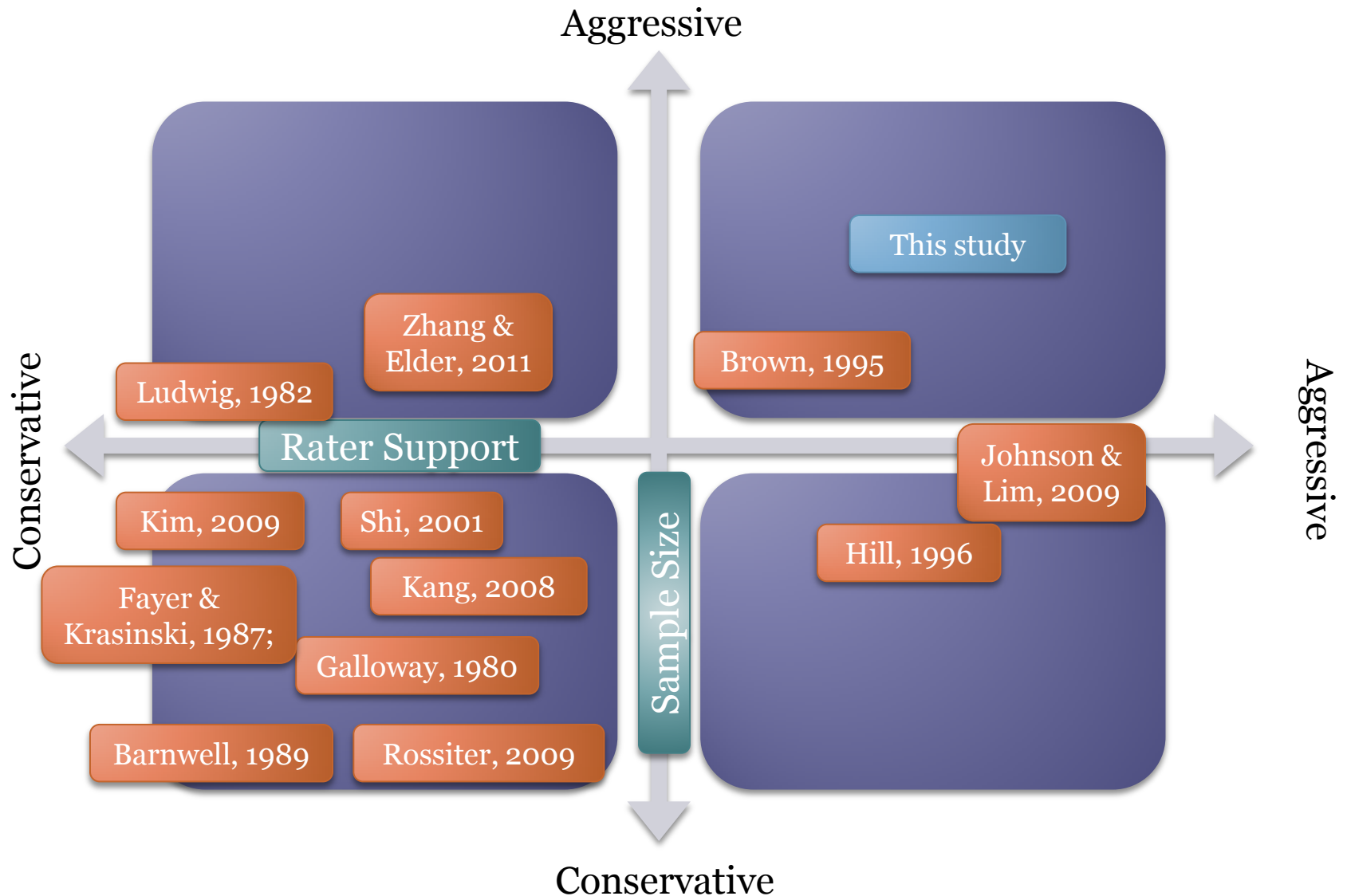


# Comparing native and non-native raters of US Federal Government speaking tests

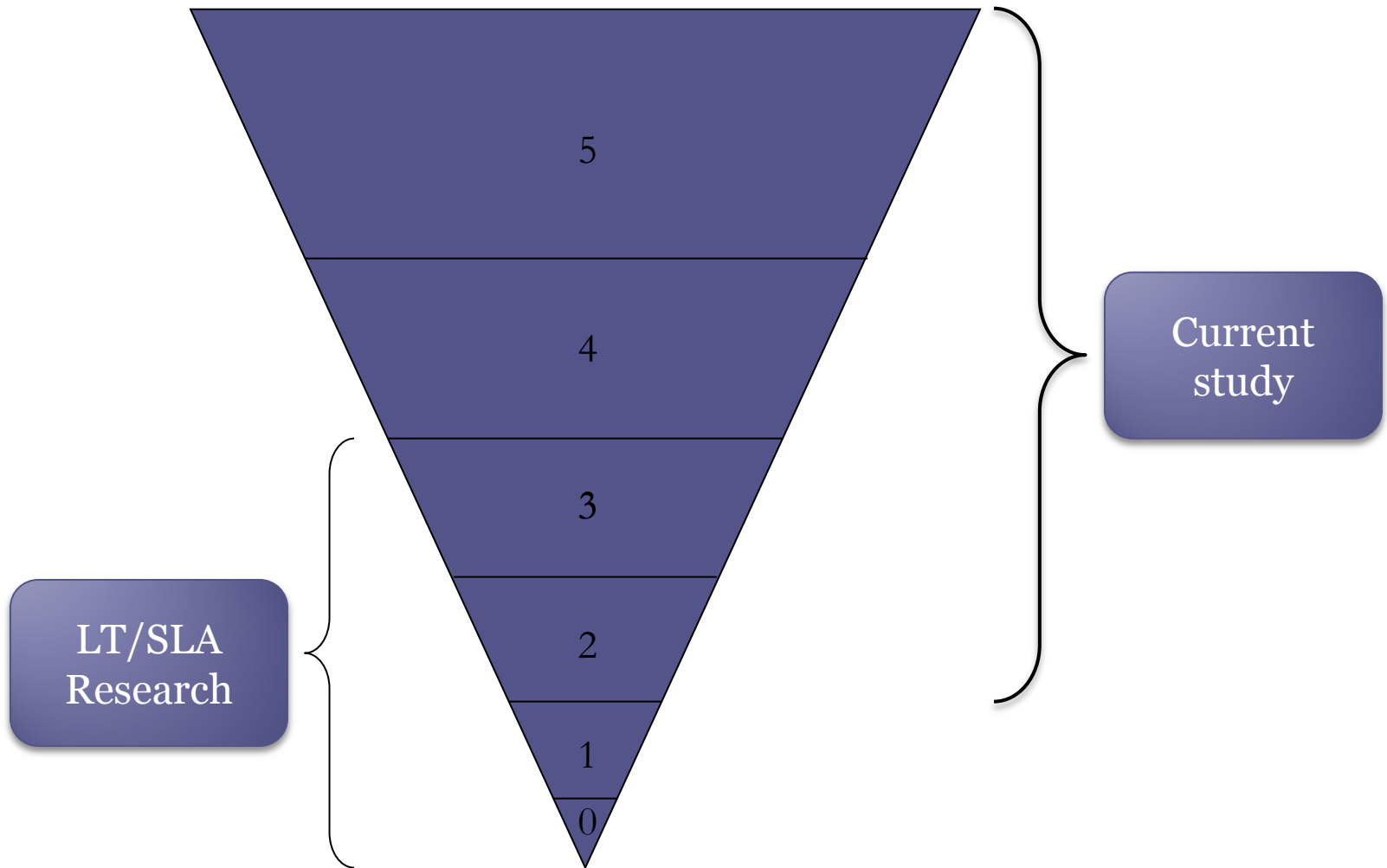
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ALTE 2014

A series of horizontal lines in teal and white, located to the right of the speaker's name.

# Native Speaker in Language Testing



# ILR Skill Level Descriptions



# What is a n

If **L1/mother tongue** is relevant, then a non-native rater with an L1 similar to the language tested might rate more accurately.

## Paikeday, 1985

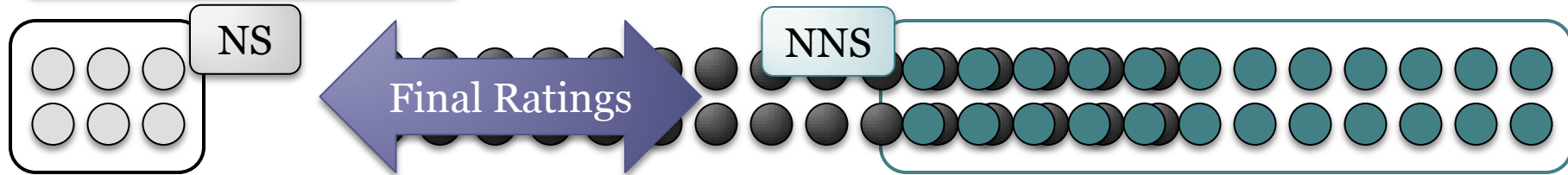
- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. A person who has a specified language as <b>the mother tongue or first learned language</b> <ul style="list-style-type: none"> <li>• hav[ing] at least a bachelor's degree from a reputable college or university</li> </ul> </li> <li>2. A <b>competent speaker</b> of a specified language           <ul style="list-style-type: none"> <li>• who</li> </ul> </li> </ol> | <ol style="list-style-type: none"> <li>1. <b>Acquired L1/native language in childhood</b></li> <li>2. Has intuitions (acceptability/productiveness) about his idiolectal grammar</li> <li>3. Has <b>intuitions about standard grammar</b></li> <li>4. Is <b>widely fluent, spontaneous, with huge vocabulary and communicative competence</b><br/>Writes <b>creatively</b><br/>Has a unique capacity to interpret or translate into L1</li> </ol> |
|--|---|
- If **competence/ability** is relevant, then a non-native rater with a higher speaking proficiency might rate more accurately.

# Rater Distribution (n=30)

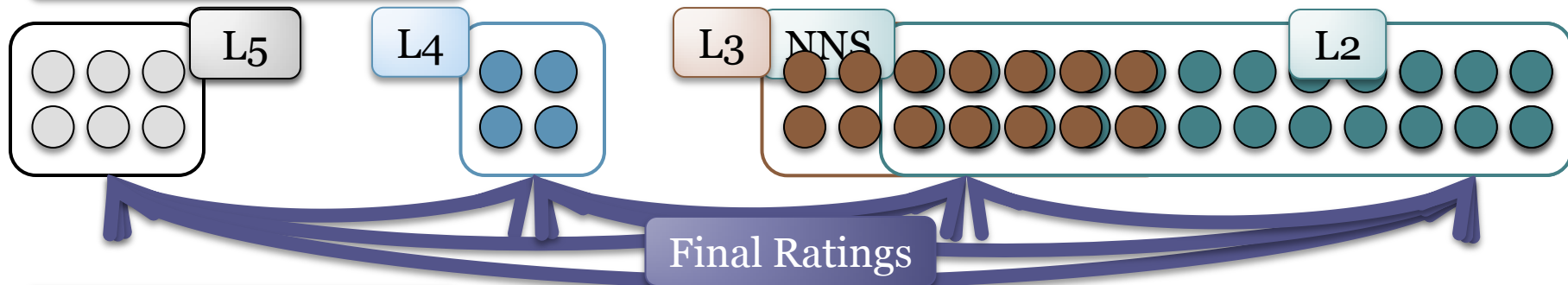
Research Question 4

Linguistic Category Ratings

Research Question 1



Research Question 2



Research Question 3



# Research Questions

1. Do native and non-native speaker raters assign comparable ratings on speaking tests?
2. Does speaking proficiency level affect a rater's ability to reliably evaluate speaking proficiency?
3. Does the first language learned affect a rater's ability to reliably evaluate speaking proficiency?
4. Do native and non-native raters assess the specific linguistic features of the speaking samples comparably?

# Raters/ Samples Evaluated

## Raters

| Language         | Total |
|------------------|-------|
| English (NS)     | 6     |
| Arabic (NNS)     | 4     |
| Farsi (NNS)      | 3     |
| French (NNS)     | 3     |
| German (NNS)     | 3     |
| Mandarin (NNS)   | 4     |
| Spanish (NNS)    | 4     |
| Vietnamese (NNS) | 3     |
| Total            | 30    |

## Exams Rated

| ILR Level | NS | NNS | Total |
|-----------|----|-----|-------|
| 4/4+/5    | 5  | 0   | 5     |
| 3/3+      | 7  | 7   | 14    |
| 2/2+      | 1  | 5   | 6     |
| Total     | 13 | 12  | 25    |

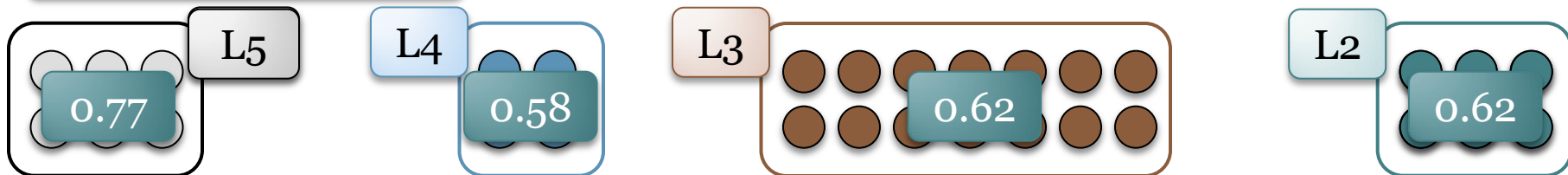
= 750 evaluations

# Inter-rater Reliability (Krippendorff's alpha)

## Research Question 1



## Research Question 2

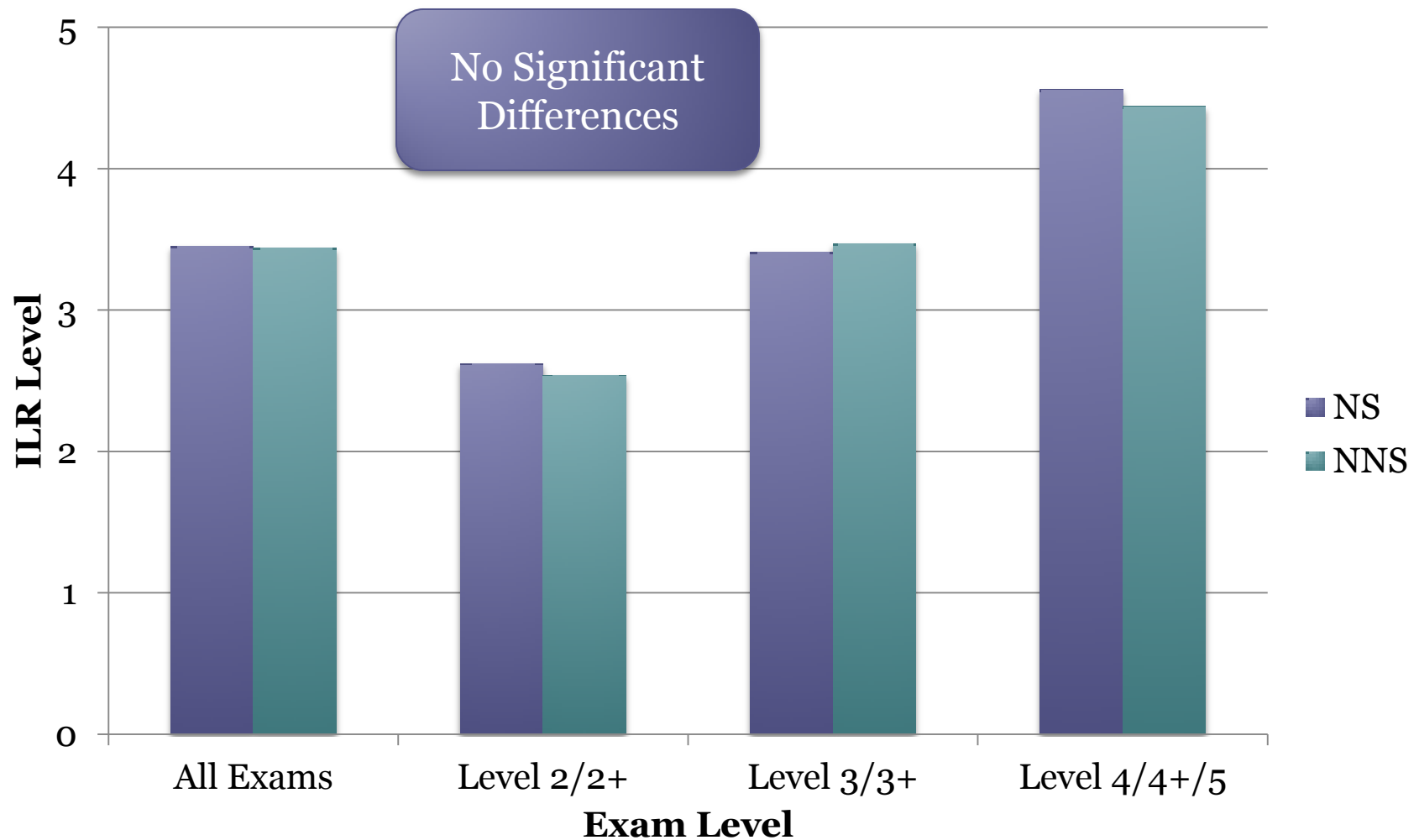


## Research Question 3

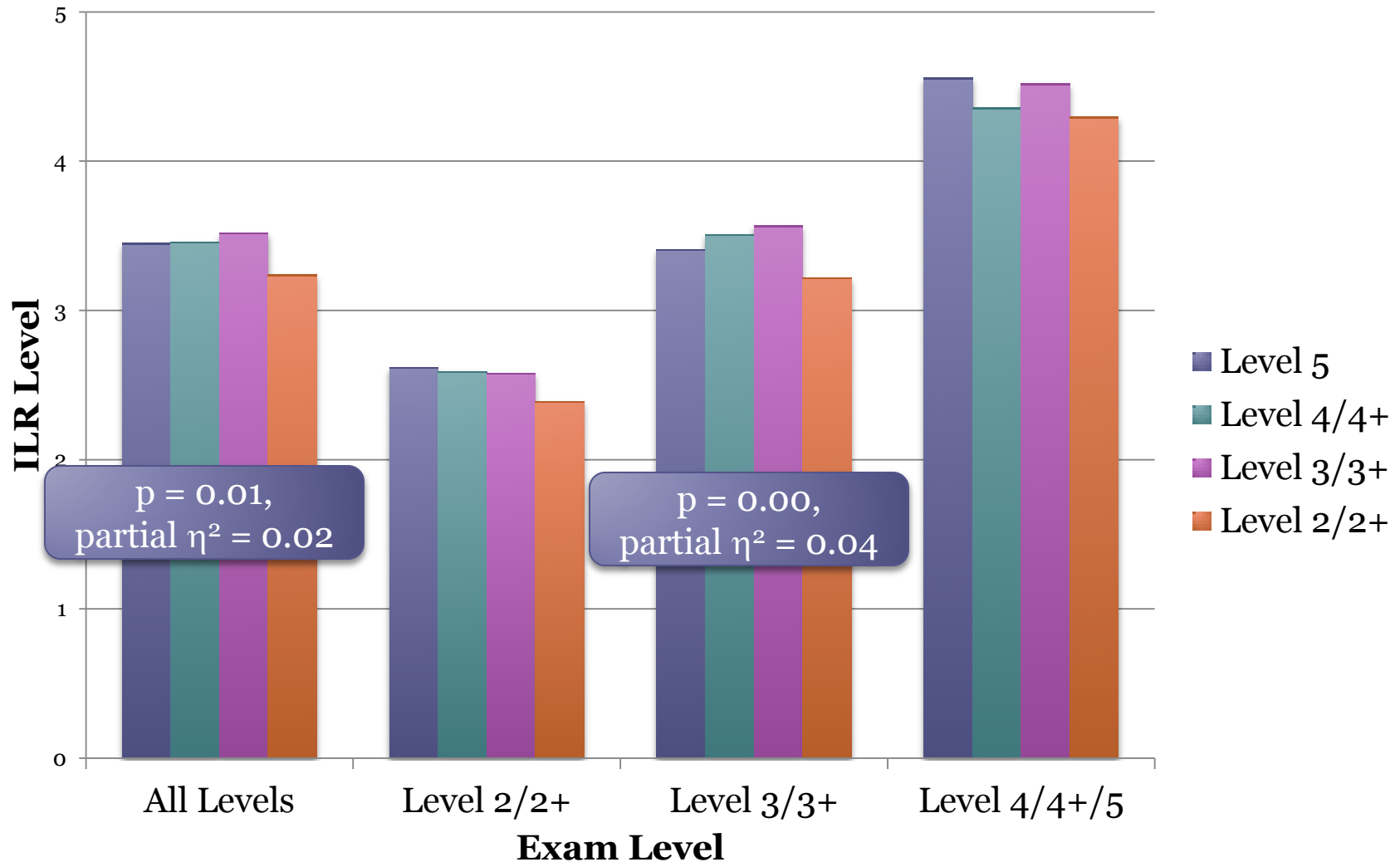




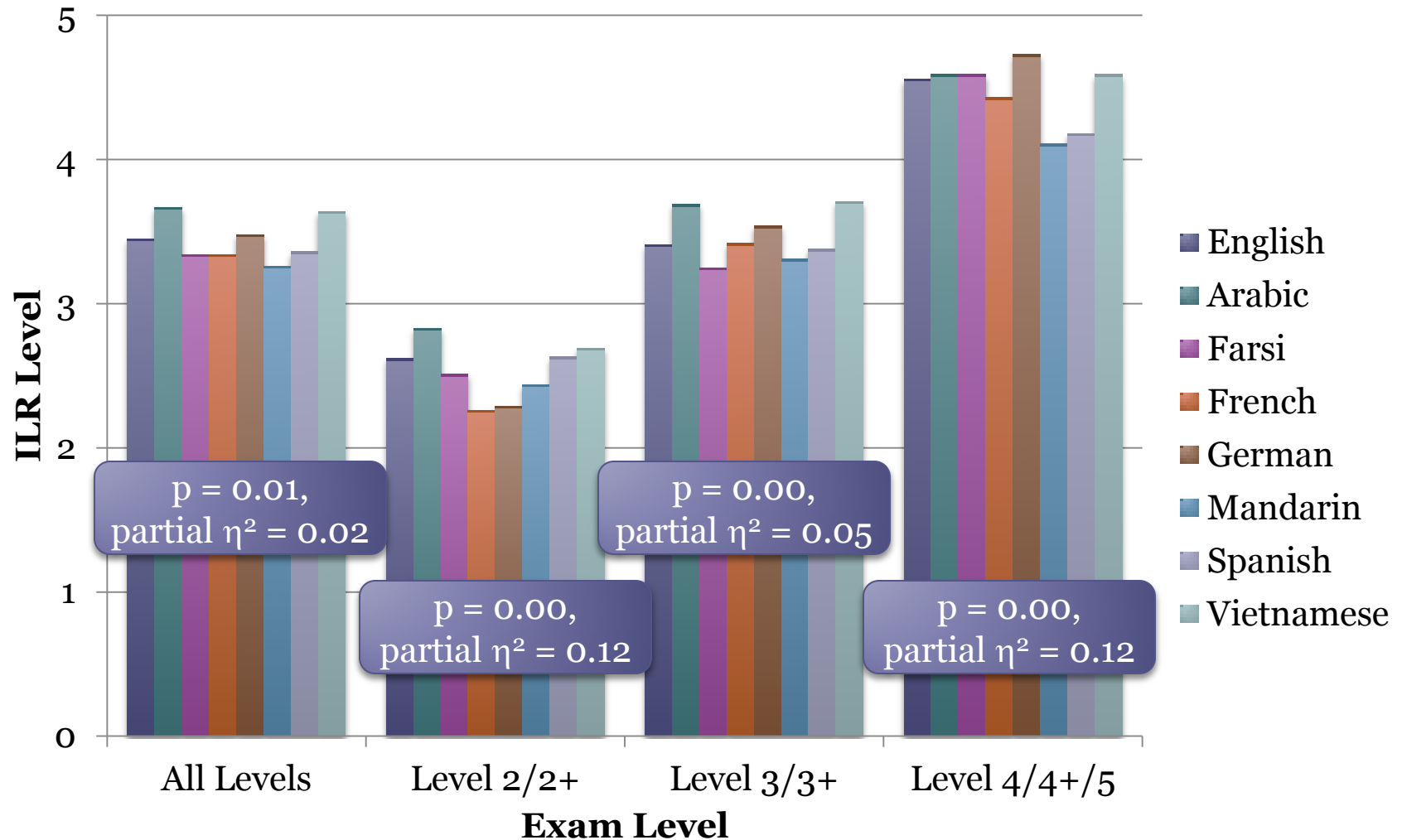
# RQ 1: NS and NNS Group Mean Ratings



## RQ 2: English Proficiency Level Group Mean Ratings

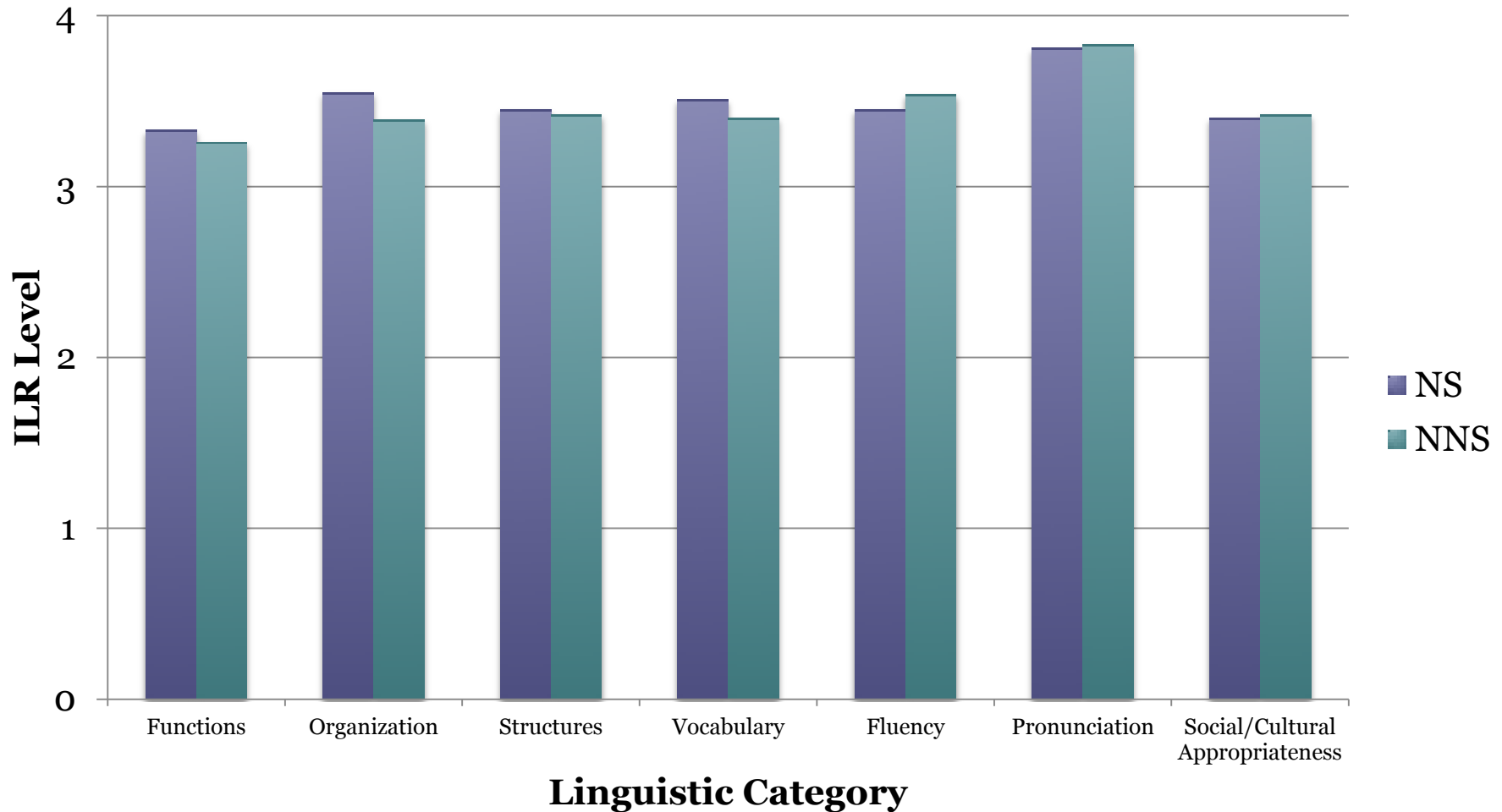


## RQ 3: First Language Mean Ratings



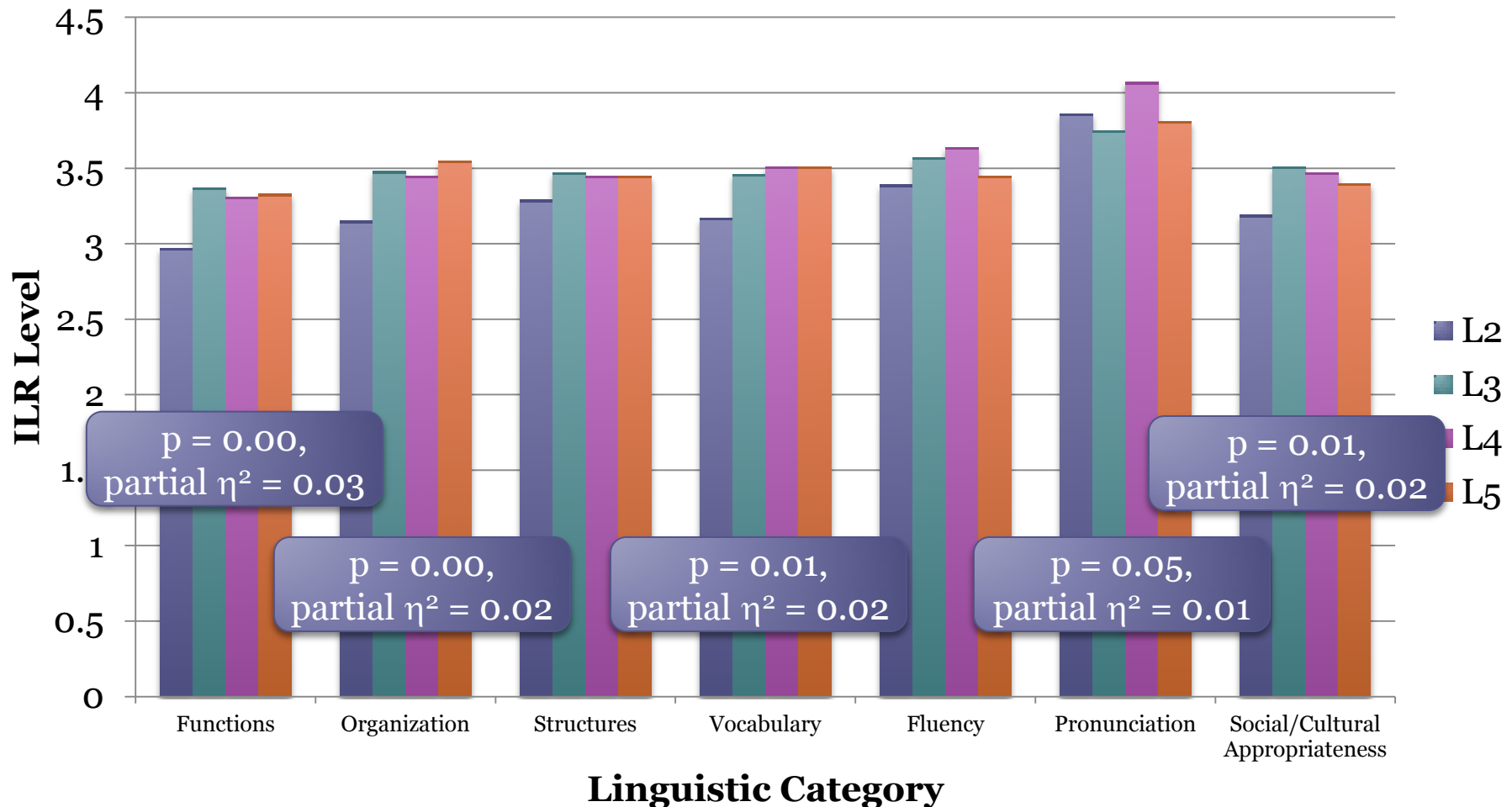
Overall:  
 $p = 0.00$ ,  
partial  $\eta^2 = 0.04$

## RQ4: NS and NNS Raters: Mean Linguistic Category Ratings



# RQ4: English Proficiency: Mean Linguistic Category Ratings

Overall:  
 $p = 0.00$ ,  
partial  $\eta^2 = 0.04$



# Conclusions

1. No significant difference between NS and NNS raters
  - Any differences can be overcome by training
  - FBI SPT raters are not typical people
  - Inter-rater reliability impact?
2. Proficiency should be considered over NS
  - Level 2+ raters should be excluded
3. L1 has an impact on rating
  - But not compared to English raters
  - Language distance matters
4. Ratings of specific features show more group differences
  - Rater proficiency and L1 groups
  - Differences never occur in “structures”

# The native speaker

- (Re)defined
  - Need for clear definition
  - Native speaker assumptions
  - Native speaker is a social construct, not a measurement construct
    - It is associated with acquisition method, culture, identity, confidence
  - Call the ideal speaker something else, specify what it is
- Justification
  - Appropriateness for use: is it fair?
    - Decisions: standard variety, correctness
    - Consequences of misuse go beyond test itself

# Qualifying speaking raters by speaking proficiency ability

- It takes one to know one?
  - Much of impact seen in Level 3 tests
    - Level 2 is below rater's proficiency level
    - Level 4-5 is limited by ceiling effect
- Competence vs. performance
- Training: the great equalizer



# Holistic versus analytic rating

- Trend:
  - No differences are found in overall ratings
  - Differences found in linguistic features, except Structures
- What construct are raters using to rate?
- Does construct matter if final ratings are not significantly different?

# Limitations and future research

- Current study deals only with rating, not test administration
- Replicate with NS raters < ILR 5
- Replicate in a language other than English
- Analyze the rater comments
- Further investigate rater competencies: linguistic, cognitive, cultural, and evaluative competencies

# Thank you

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