INVESTIGATING TWO METHODS FOR COMPARING HEARING-AID SETTINGS DURING GROUP CONVERSATIONS

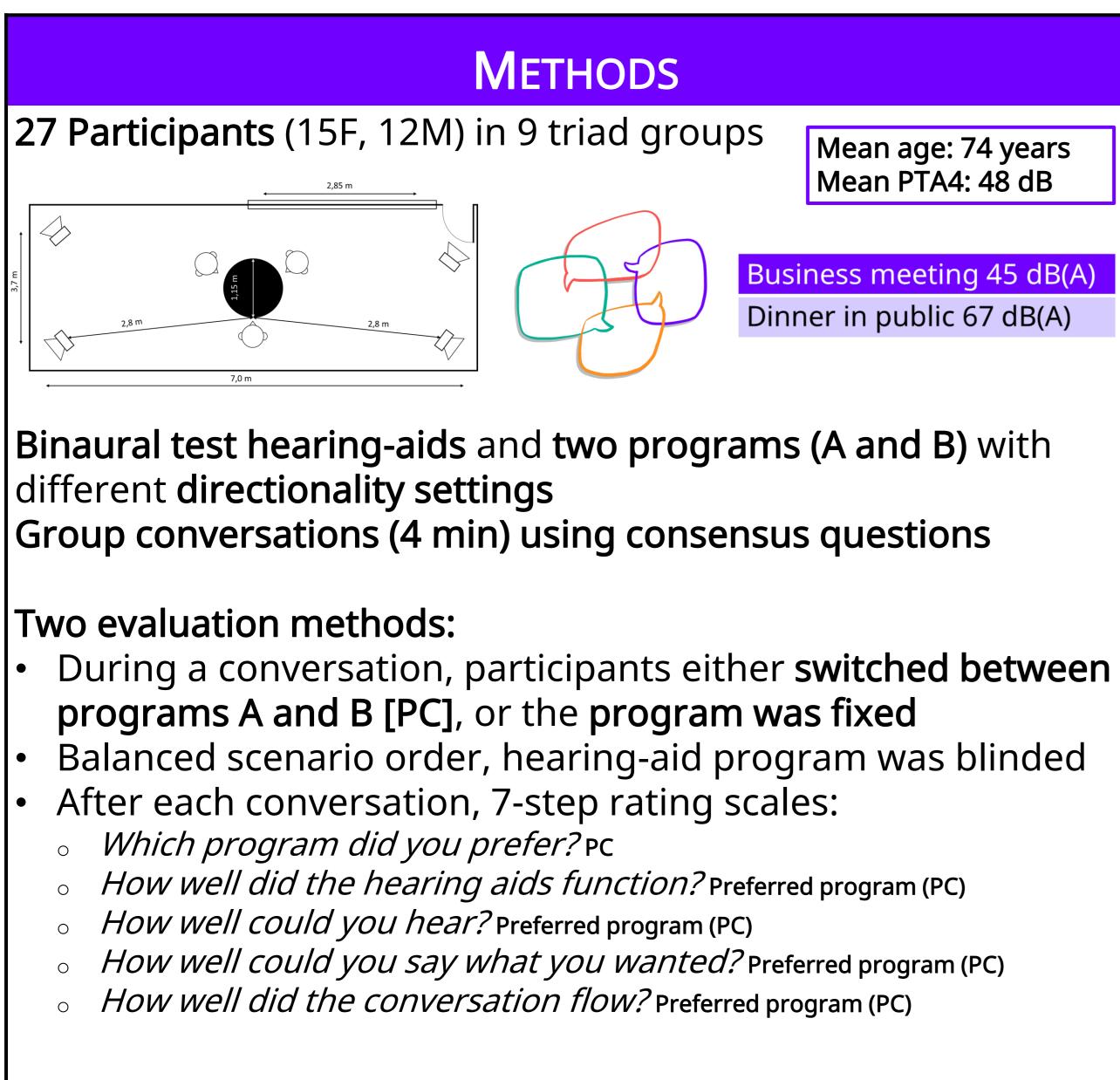
INTRODUCTION

Communication in complex situations is one of the most important challenges to focus on within the hearing-aid industry today. Interestingly, there are currently few methods that specifically and systematically measure hearing-aid benefit in group conversation scenarios that simulate acoustics and communication tasks realistically.

The aim of this study was to recommend a **method to assess** the utility of hearing-aid settings in live group conversations, using Paired comparisons and Ratings.

RESEARCH QUESTIONS

- How well do results in terms of hearing-aid functionality **agree** between the two methods?
- 2. Is the hearing-aid program with the **highest rating** of functionality also the **preferred program** in paired comparisons?
- 3. Which of the two methods is more **feasible?**





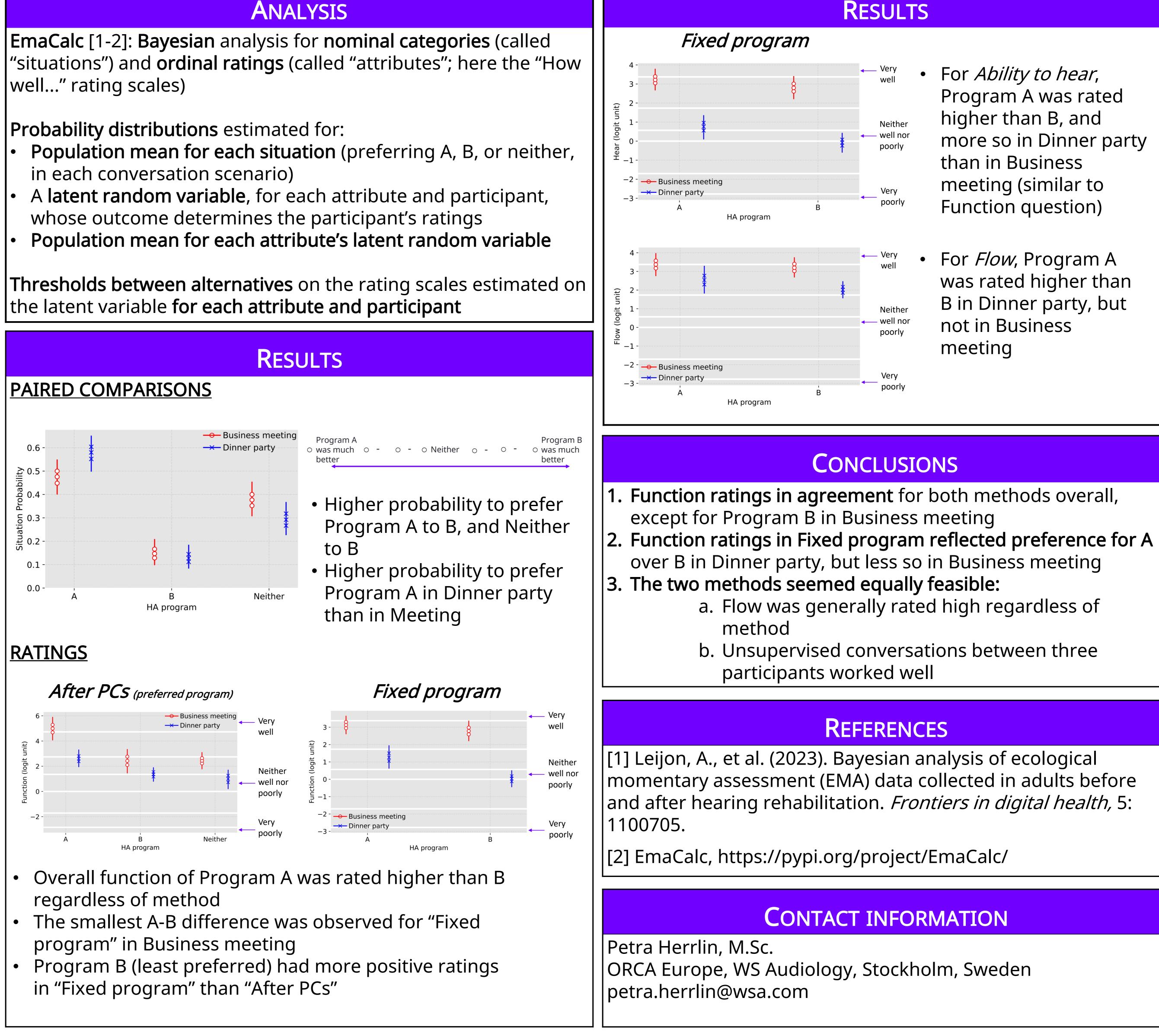
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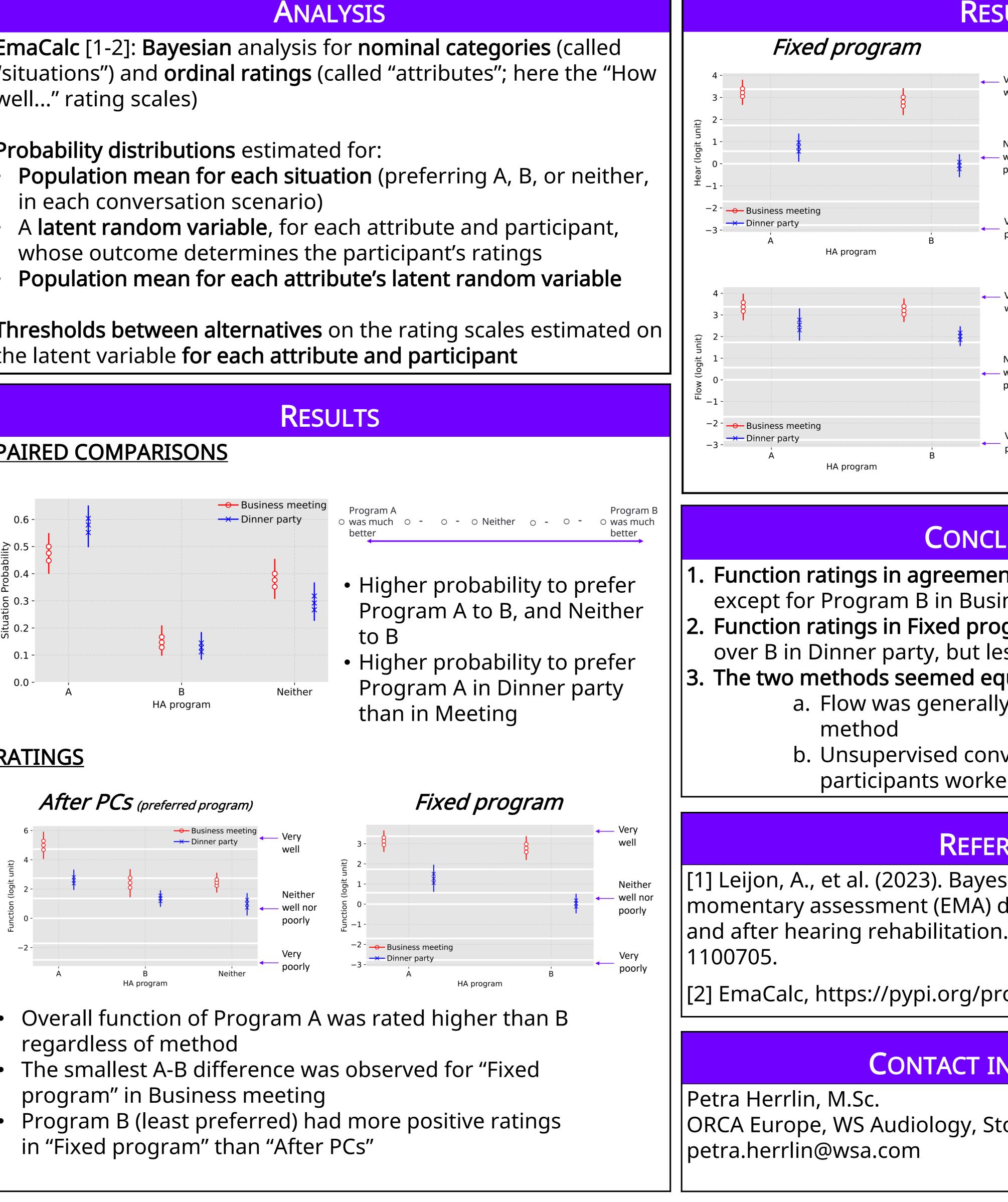
well..." rating scales)

- in each conversation scenario)

Mean age: 74 years Mean PTA4: 48 dB

Business meeting 45 dB(A) Dinner in public 67 dB(A)







RESULTS

Neither – well nor poorly

• For *Ability to hear*, Program A was rated higher than B, and more so in Dinner party than in Business meeting (similar to Function question)

– Very well

poorly

• For *Flow*, Program A was rated higher than B in Dinner party, but not in Business meeting

a. Flow was generally rated high regardless of

b. Unsupervised conversations between three

REFERENCES

CONTACT INFORMATION

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