Inter- and Intra-Individual Variability in Non-Linguistic Attention in Aphasia

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Participants:
- 18 individuals with chronic aphasia from a unilateral stroke (M, mean age = 63.4, SD = 7.5)
- 5 age-matched controls (M, mean age = 65.3, SD = 5.9)

METHODS

- A novel measure of attention that assesses different types of non-linguistic attention.
- The measure was designed to test the impact of attention on various cognitive tasks.
- The measure was administered 4 times on different days (Sessions).

RESULTS

- For Session 1: PWA vs. Controls
- For Session 2: PWA vs. Controls
- For Session 3: PWA vs. Controls
- For Session 4: PWA vs. Controls

DATA ANALYSIS

- A 2x5 ANOVA was conducted for each Session to determine the effect of Condition on RTs.
- Post-hoc analyses were conducted to further examine the significant differences.

CONCLUSIONS

- On a non-linguistic attention task, increased task complexity elicits slower response times for both PWA and age-matched controls.
- Increased task complexity also elicits a higher degree of session-to-session intra-individual variability for PWA (but not for controls).

SELECTED REFERENCES

- Pompon, Kendall, & Stuss (2012). Attention and language processing in aphasia.

OBJECTIVES

- The objective of this research is to investigate the impact of attention on cognitive tasks in individuals with aphasia.
- The research aims to understand how attention affects performance on different tasks.

RATIONAL

- This research is grounded in the premise that attention is a critical component of cognitive function.
- The research seeks to elucidate the role of attention in various cognitive processes.

QUICK TIPS

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