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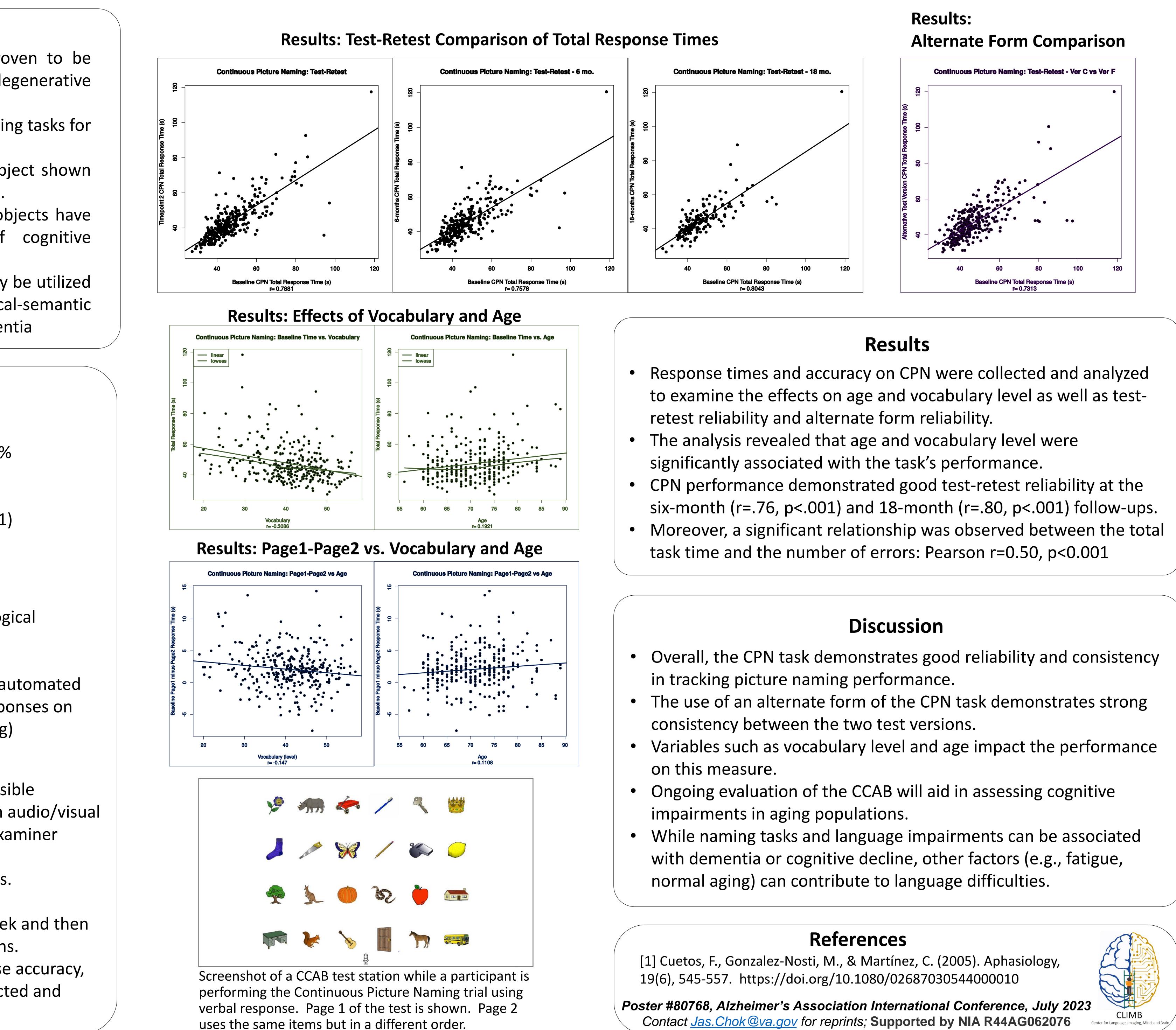
Introduction

- Tasks involving speech and language have proven to be valuable tools in the assessment of neurodegenerative diseases and cognitive decline.
- The predictive power of continuous picture naming tasks for dementia is still an ongoing area of research.
- Articulating the correct name for a common object shown in a picture is a quick and efficient cognitive task.
- Notably, deficits in naming pictured common objects have associated with various degrees of cognitive been impairment in people with dementia
- Research suggests that picture naming tasks may be utilized to investigate the extent of decline in lexical-semantic abilities among individuals diagnosed with dementia

Methods

- Participants:
 - 377 healthy aging adults (47.5% female)
 - 13.3% Asian, 17.8% Black, 58.9% White, 9.8% Other/Mixed Race, 7.4% Hispanic/Latinx
 - Age: 52-89 y.o. (Mean = 70.50; SD = 6.47)
 - Education: 8-20 years (Mean = 15.3; SD = 2.1)
- Continuous Picture Naming (CPN) from
 - California Cognitive Assessment Battery (CCAB):
 - Automated set of cognitive tests & psychological questionnaires
 - Remote administration, longitudinal testing
 - Includes automated scoring and consensus automated speech recognition (CASR) to transcribe responses on verbal tasks (e.g., continuous picture naming)
- Procedures:
 - Name the pictured objects as quickly as possible
 - Testing sessions administered remotely with audio/visual supervision and assistance via web-based examiner interface.
 - Automated transcription of verbal responses.
 - Automated instructions and practice trials.
 - Battery was administered twice within a week and then once after six months and again at 18 months.
 - Reaction times, word onset latency, response accuracy, error types, and speech samples were collected and analyzed

Continuous Picture Naming Performance in Older Adults



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