# Supplementary Material

**Differentiation of Subjective Cognitive Decline, Mild Cognitive Impairment, and Dementia Using qEEG/ERP-Based Cognitive Testing and Volumetric MRI in an Outpatient Specialty Memory Clinic**

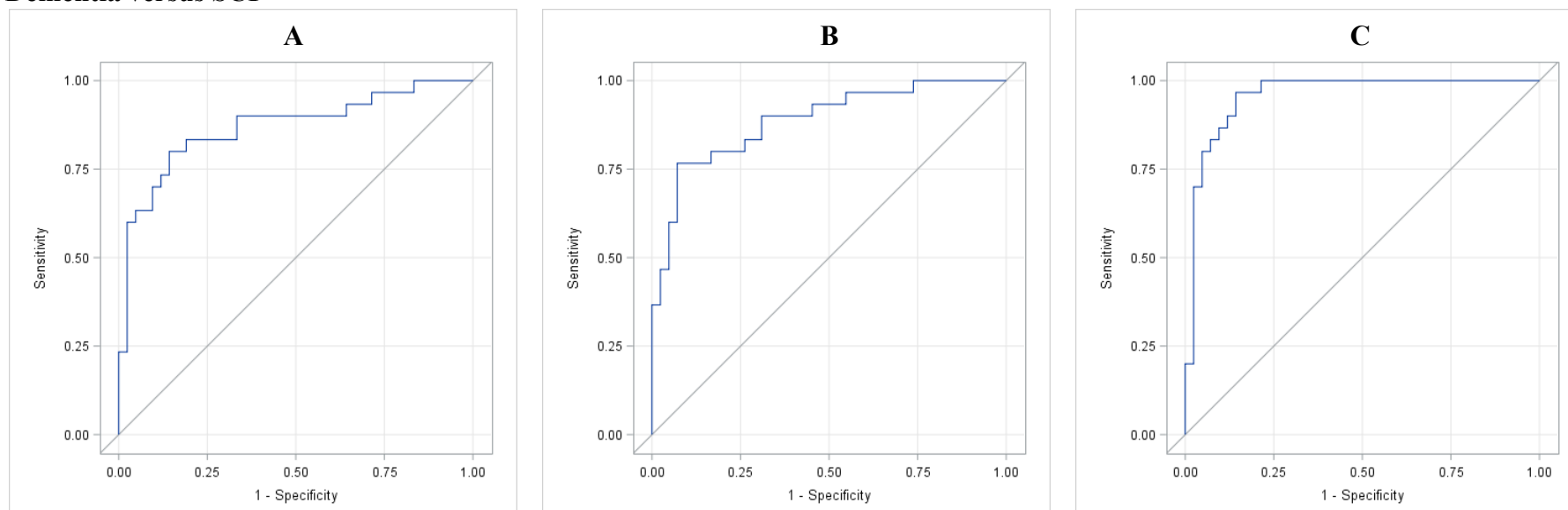**Supplementary Table 1.** Data collected using the eVox® System

| Type | Variable |
|---|---|
| Patient Demographics | Gender |
| | Age |
| | Handedness |
| Neuropsychological Testing* | Reaction Time |
| | Reaction Time Variability |
| | Omission Errors |
| | Commission Errors |
| Self-Reported Symptoms$^{\&}$ | Memory |
| | Affect |
| | Word Fluency |
| | Executive & Attention |
| | Sensory |
| | Motor |
| Brain Biomarkers | Peak-Alpha Frequency (PAF) |
| | Theta/Beta Ratio |
| ERP | P300A Latency |
| | P300A Amplitude |
| | P300B Latency |
| | P300B Amplitude |

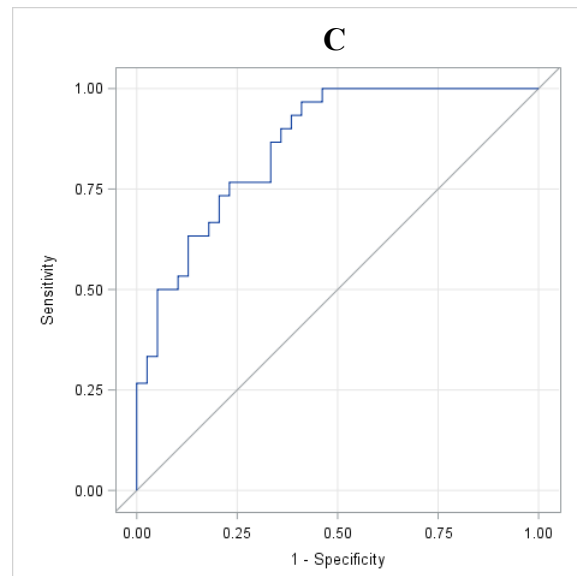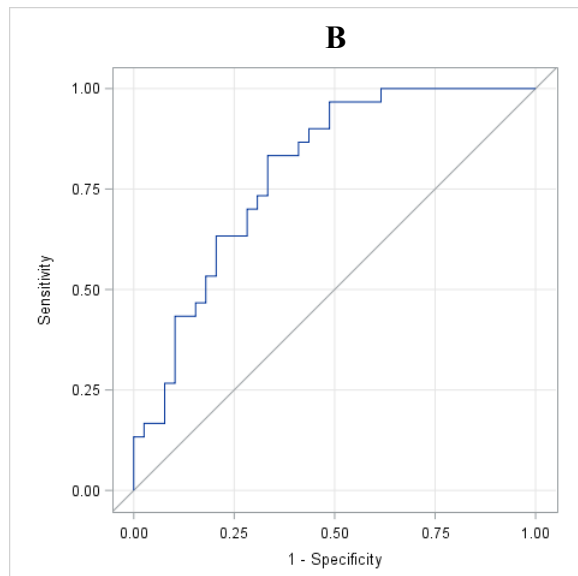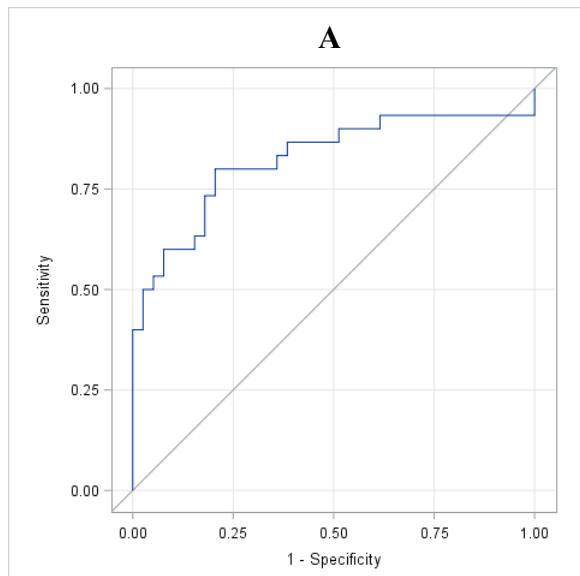*Measured during the Go-No Go button-press task

$^{\&}$Frequency of symptoms calculated through self-report questionnaire and categorized by domain

**Supplementary Figure 1.** ROC Curves for pairwise differentiation of Dementia versus SCI, Dementia versus MCI and MCI versus SCI using qEEG/ERP (A), vMRI (B), and qEEG/EPR +vMRI (C).

**Dementia versus SCI**

**Dementia versus MCI**

**MCI versus SCI**