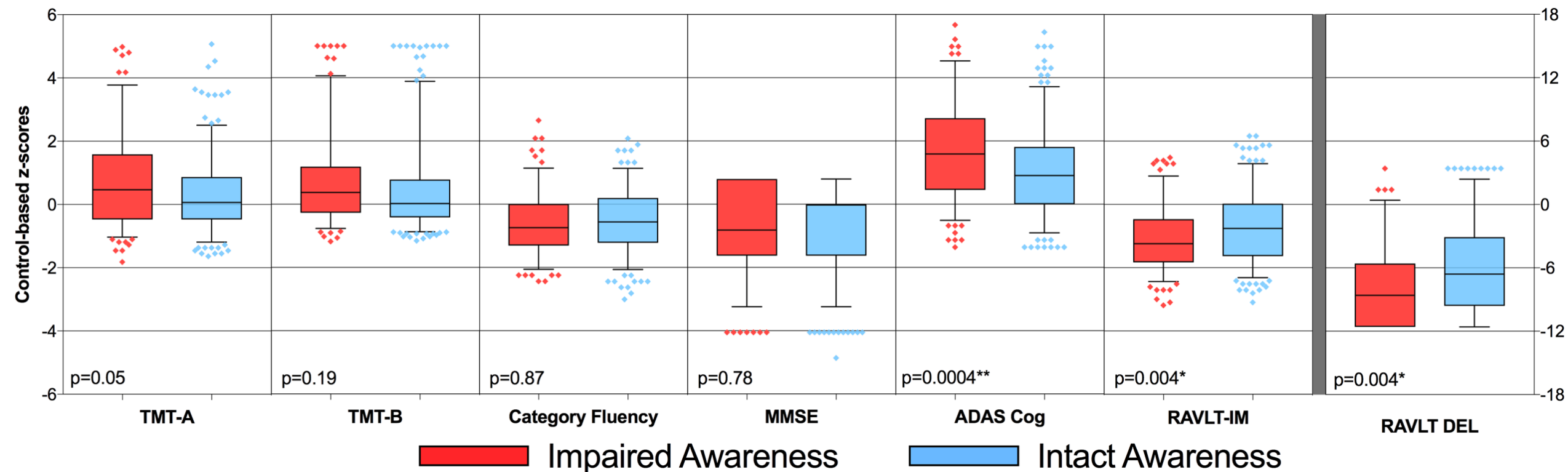**Figure e-1 Neuroimaging processing and analysis methods.**

• **Figure e-2 Anosognosia emerges in the context of multi-domain MCI.** Neuropsychological profiles of intact and impaired awareness groups, corrected for age, sex, years of education and *APOE* ε4 status. Bars in the box and whisker plots display the 5th and 95th percentiles and the horizontal line shows the median. All values are presented with respect to z-scores of the healthy population from ADNI. The impaired awareness group demonstrated decreased global cognitive functioning as demonstrated by increased ADAS-Cog scores. Working memory (RAVLT-I) and delayed recall memory (RAVLT-D) were significantly worse in the impaired self-awareness group. No differences were observed for language (Category Fluency), psychomotor performance (TMT-A) and cognitive flexibility (TMT-B). Bonferroni-corrected *P* values are displayed for each neuropsychological test. For ADAS-Cog, TMT-A and TMT-B, higher scores indicate poorer performance.