



Massachusetts General Hospital
Founding Member, Mass General Brigham

III. Autism Neuropsychological & Driving Profile

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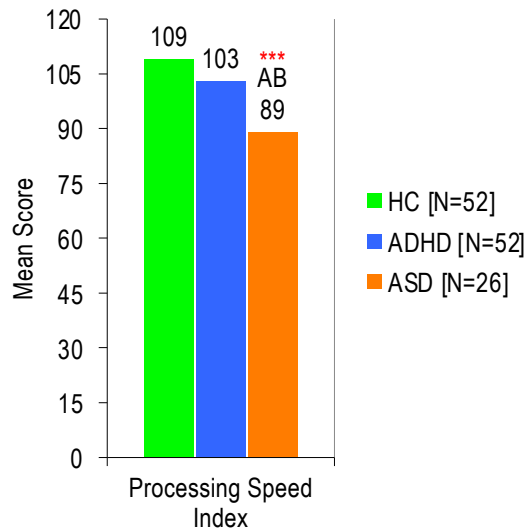


HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Neuropsychological Correlates of HF-ASD

Processing Speed

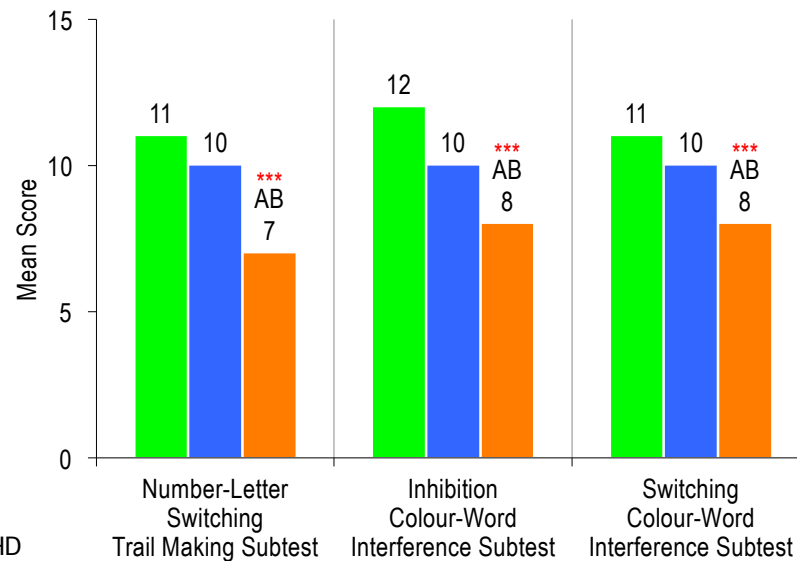
Wechsler Adult Intelligence Scale (WAIS-III)



HC=Healthy Controls; A=Versus HC, B=Versus ADHD
Statistical Significance:***p≤0.001

Cognitive Flexibility

Delis Kaplan Executive Function System (D-KEFS)



Significantly worse processing speed & cognitive flexibility in Autism



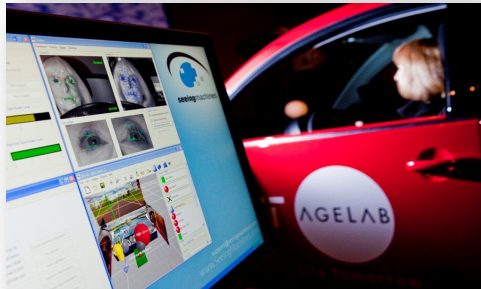
Characterizing Driving Behavior in Young Adults with ASD

The MIT AgeLab Driving Simulator



Difficulties attending to the roadway:

- Higher vertical gaze position
- Wider dispersion of horizontal gaze scanning
- Focus more on the median



Drive at higher level of arousal:

- Increased level of anxiety

Impaired driving ability is associated with Autism

