

Exploring Sensory Phenotypes in Autistic Children and Children with ADHD

Background

1) Sensory difficulties are common in both autism and ADHD, but are highly heterogeneous.

2) Autistic individuals often have stable sensory phenotypes, which helps to parse this heterogeneity.

3) Sensory phenotypes have not been examined in ADHD.

The aim of this research is to:

1) Identify whether these sensory phenotypes exist in children with ADHD

2) Identify whether these phenotypes are similar to those observed in autism

3) Determine whether these sensory phenotypes are related to age, IQ, gender, ASD, ADHD, and OCD traits

Methods

Participant Information:	Statistical Analysis:
1) 495 autistic children,	1) SSP z-scores from
461 children with ADHD.	participants were
	subjected to a K-me
2) Exclusions: Co-	cluster analysis to
occurring ASD and ADHD.	determine whether
	meaningful phenoty
Materials:	could be modelled.
POND Network, SSP,	
Wechsler and Stanford-	2) Follow up ANOVA
Binet Intelligence Scales,	were used to compa
Social Communication	age, IQ, sex, ASD, AD
Questionnaire, Repetitive	and OCD traits acros
Behavior Scale, Strengths	resultant phenotype
and Weaknesses of	
ADHD-symptoms and	
Normal-behaviors Rating	
Scale, Toronto Obsessive-	

Compulsive Scale.

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