

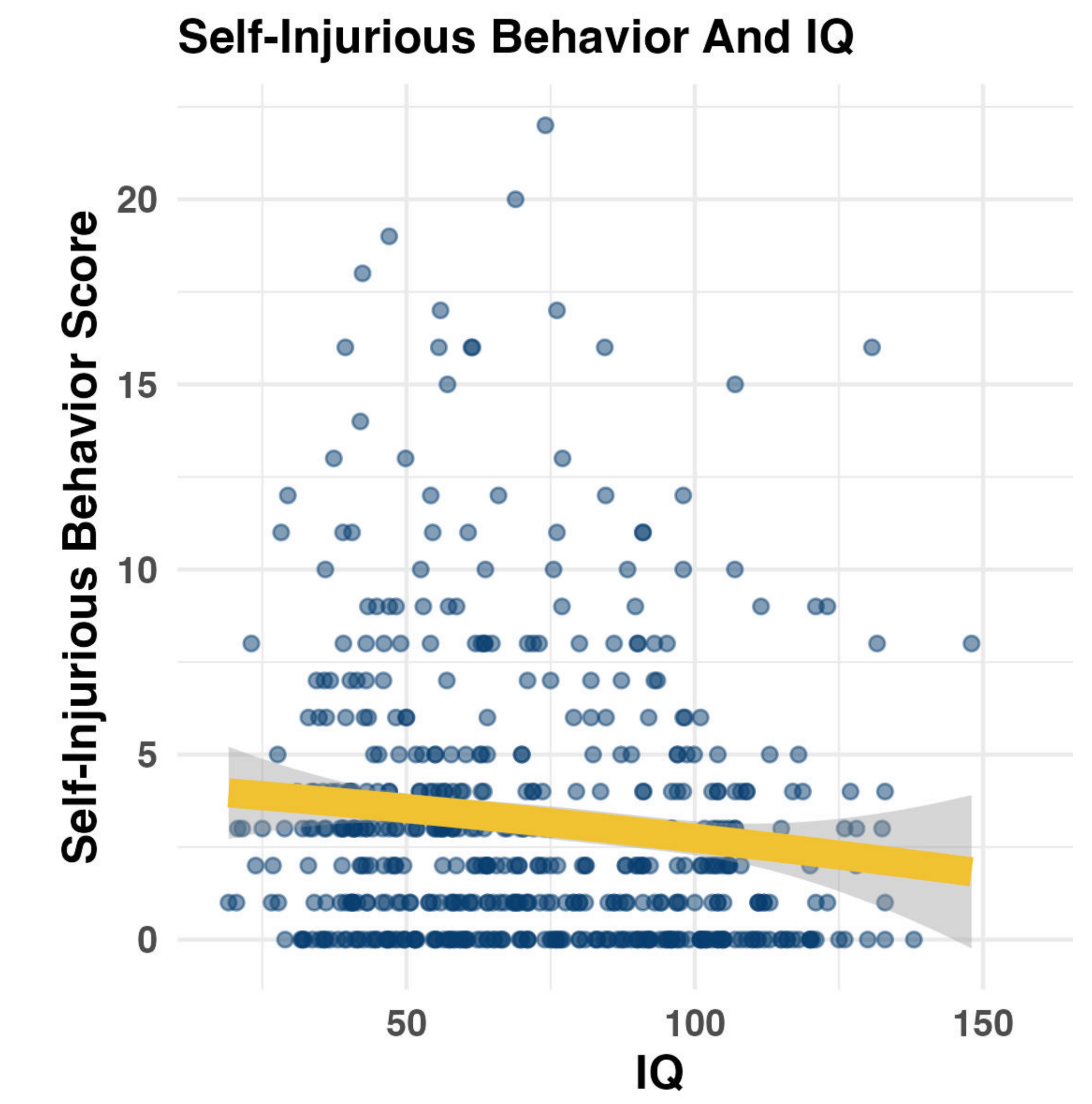
Co-occurring ADHD Symptoms And IQ Scores Predict Self-Injurious Behaviors In Autistic Youth Across Childhood

Department of Psychiatry and Behavioral Science



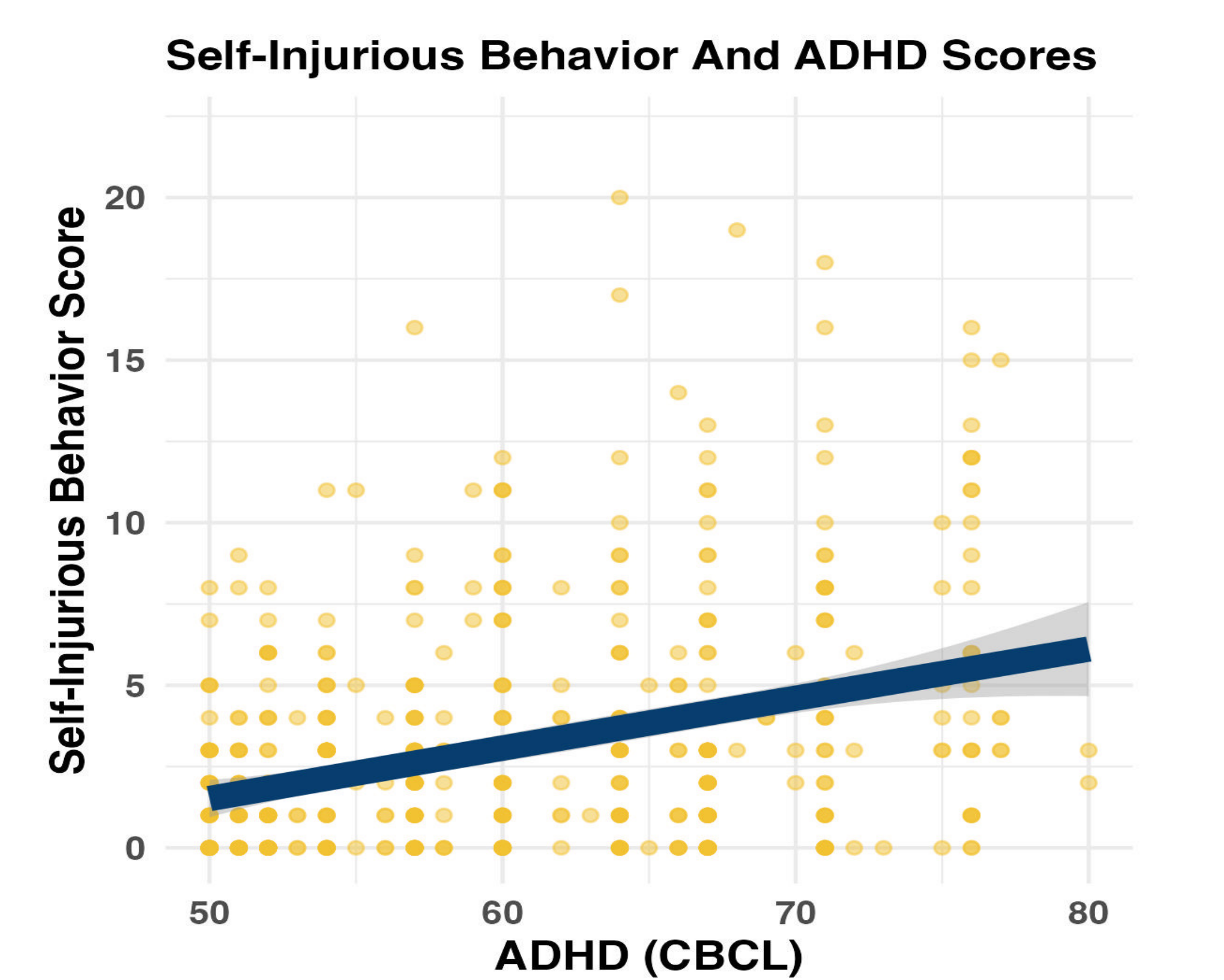
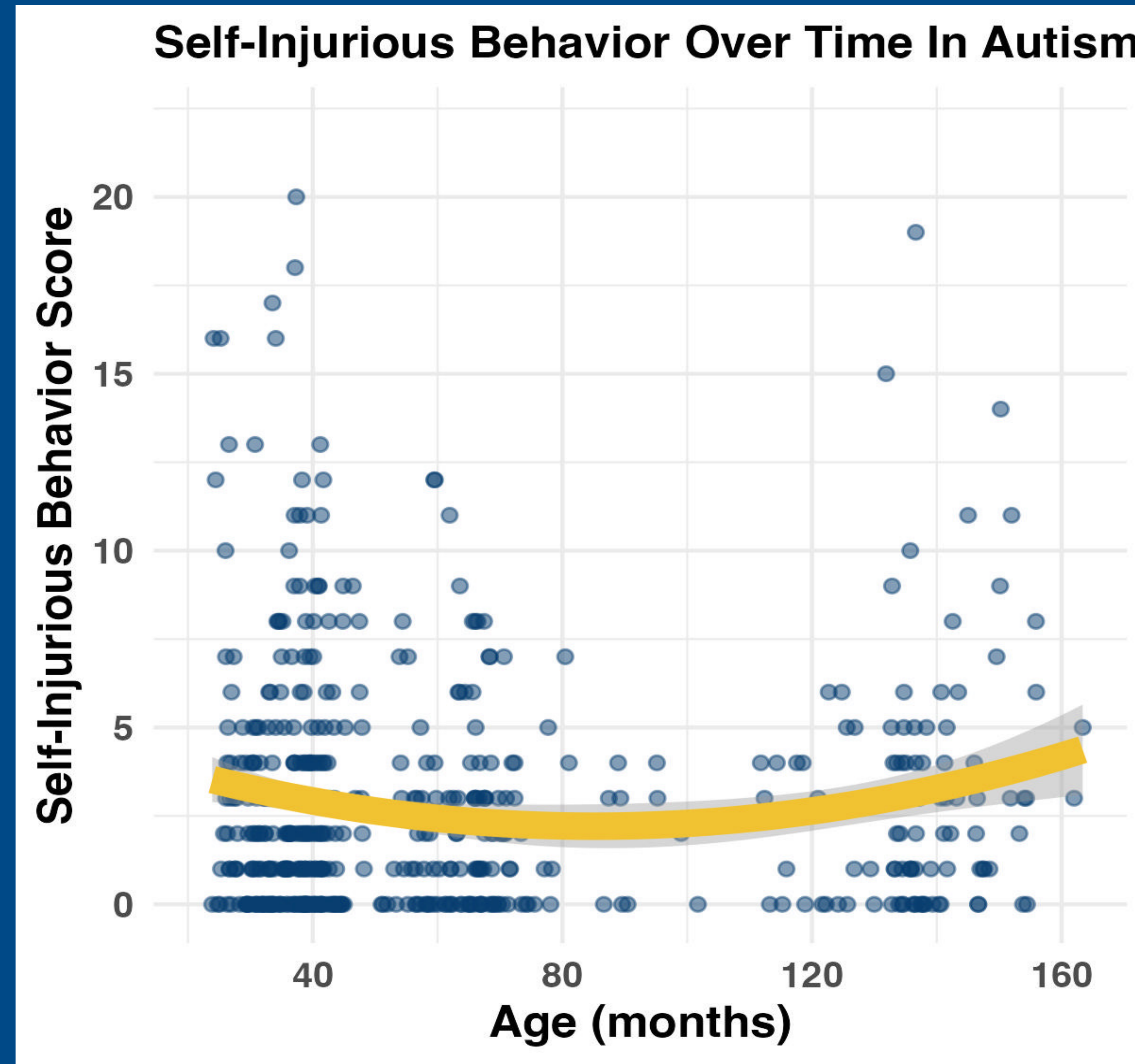
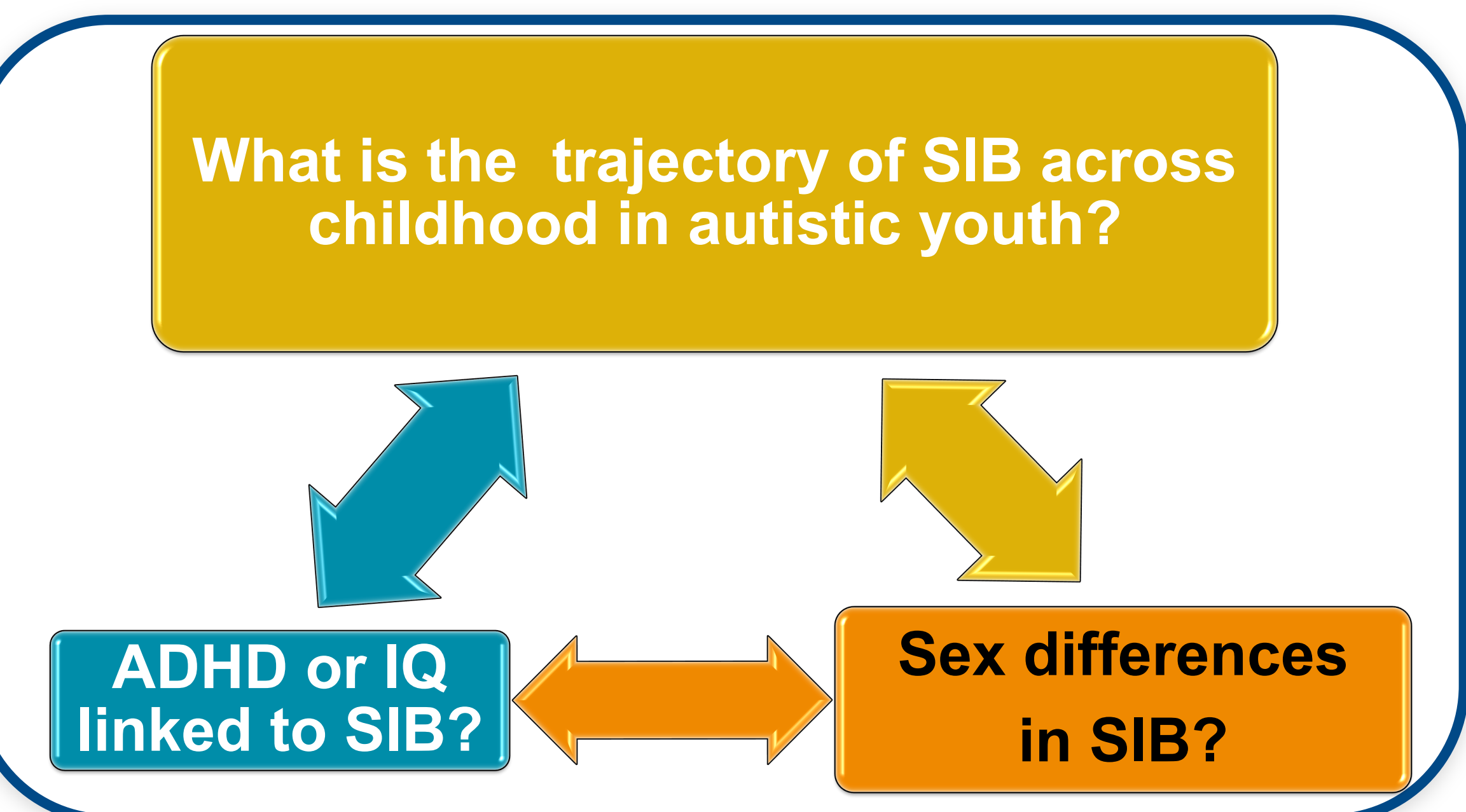
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What do Self-Injurious Behaviors look like in autistic youth across early to late childhood?



↓ IQ = ↑ SIB

- BACKGROUND**
- Self-injurious behaviors (SIB) more frequently occur in autistic people (30-50%) (Dimian et al., 2022)
 - Cognitive abilities at 12 months linked to higher frequency of SIB at 36 months (Dimian et al., 2023)
 - Impulsivity and hyperactivity linked to higher frequency of SIB (Richards et al., 2012;2017)



↑ ADHD = ↑ SIB

METHODS

Measures

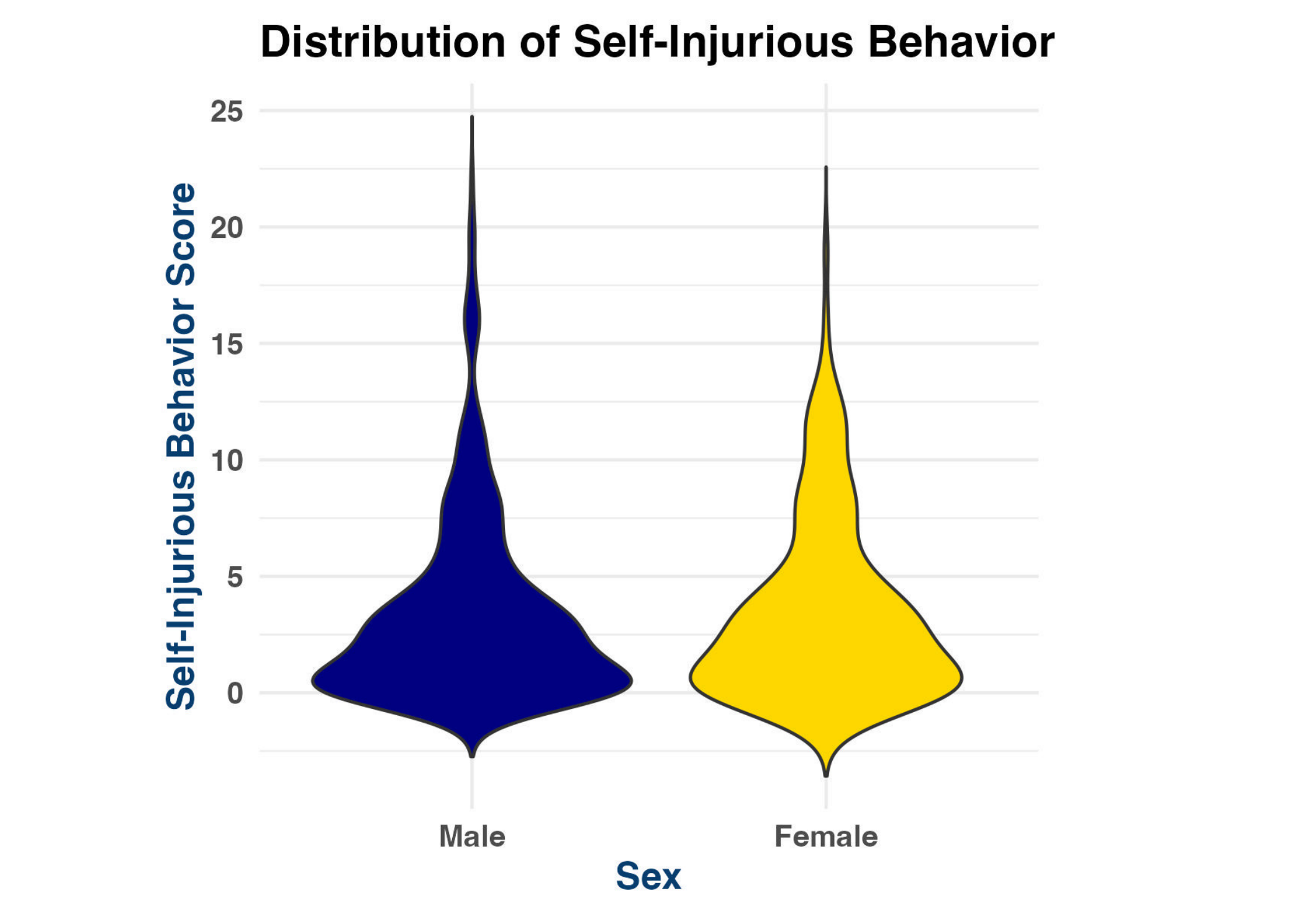
- MSEL (Mullen Scales of Early Learning),
- DAS-II (Differential Ability Scales, 2nd Edition),
- SB-5 (Stanford Binet, 5th Edition),
- CBCL (Child Behavior Checklist)
- Repetitive Behavior Scale

Participants

Children were assessed at 4 time points. At study entry, autism diagnosis was confirmed using Autism Diagnostic Observation Schedule (ADOS) and Autism Diagnostic Interview – Revised (ADI-R)

	Time 1		Time 2		Time 3		Time 4	
	f	m	f	m	f	m	f	m
n	100	194	47	90	20	80	8	24
Age range	24-48 months	24-48 months	48-72 months	48-72 months	108-144 months	108-144 months	180-228 months	180-228 months
Mean age	3.1 (.54)	3.0 (.45)	5.5 (.64)	5.6 (.94)	11.3 (1.2)	11.4 (.91)	93.6 (24.7)	87.9 (28.9)
IQ/DQ	62.3 (25.4) [MSEL]	63.1 (21.1) [MSEL]	84.3 (31.1) [DAS-II]	85.2 (32.1) [DAS-II]	80.9 (28.6) [DAS-II]	83.5 (28.9) [DAS-II]	93.6 (24.7) [SB-5]	83.5 (28.9) [SB-5]
ADHD Symptoms (CBCL DSM-Scales)	62.1 (8.9)	59.8 (5.2)	57.9 (8.2)	58.5 (7.5)	59.3 (6.1)	61.5 (8.6)	73.4 (5.1)	68.2 (6.5)
Self-Injurious Behaviors (RBS)	3.4 (3.7)	3.2 (3.9)	2.5 (3.1)	2.4 (2.8)	4.7 (5.1)	3.0 (3.1)	11.5 (5.7)	9.0 (3.5)

ADHD = attention deficit hyperactivity disorder
 IQ = Intelligence quotient
 SIB = Self-injurious behavior



No differences in SIB By Assigned Sex At Birth