Study Design:
Movement impairments are a common co-occurring symptom in children with developmental disorders, including autism spectrum disorders (ASD) and attention-deficit/hyperactivity disorder (ADHD).

Experimental Question: To evaluate evidence for motor impairment specificity in autism spectrum disorder (ASD) and attention deficit/hyperactivity disorder (ADHD)? Relationship with age? General Ability Index (calculated by summing subscale scores from the WISC and using the appropriate GAI lookup table)? SRS?

Sample Details: Children completed a performance-based assessment of motor functioning (Movement Assessment Battery for Children: MABC-2). 151 Children with autism, 226 children with ADHD, and 288 typically developing controls completed one study visit when they were between the ages of 8 and 13 years old. In addition, 32 children with ADHD and 22 typically developing children completed a second follow-up visit during adolescence.

Variable	Description	Units	Source
ID	Subject Identification number	Numerical	KKI_demographicInfo.xlsx
visit	Indicates first or repeated visits	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx, KKI_movementAssessmentBatteryforChildren.xlsx KKI_handedness.xlsx
Gender		'M', 'F'	KKI_demographicInfo.xlsx
PrimaryDiagnosis	Individual diagnosis	'Autism', 'ADHD', 'None'	KKI_demographicInfo.xlsx
SecondaryDiagnosis		'Yes', 'No'	KKI_demographicInfo.xlsx
ADHD_Subtype	If the subject meets the criteria for a Primary or Secondary Diagnosis of ADHD, indicates which subclassification.	'Inattentive', 'Hyperactive/Impulsive', 'Combined', 'No dx'	KKI_demographicInfo.xlsx
CurrentlyNotTakingMeds	Parent report of whether child is currently not taking any medications	'TRUE', 'FALSE'	KKI_demographicInfo.xlsx
CurrentlyTakingAtomoxetine	If CurrentlyNotTakingMeds is 'FALSE', make sure not taking Atomoxetine (for ADHD)	'TRUE', 'FALSE'	KKI_demographicInfo.xlsx
CurrentlyTakingClonidine	If CurrentlyNotTakingMeds is 'FALSE', make sure not taking Clonidine (for ADHD)	'TRUE', 'FALSE'	KKI_demographicInfo.xlsx
WISC_AGE	Age when completed the Wechsler Intelligence Scale for Children (WISC)	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC_VERSION	Version of the test administered	'4' or '5'	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC4_Vocabulary	Vocabulary Score from version 4	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC4_Information	General knowledge questions score from version 4	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC4_Similarities	Children are asked to describe how two words are alike from version 4	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC4_BlockDesign	Children put together red and white blocks in a pattern according to a displayed model from version 4	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC4_PictureConcepts	Children are provided with a series of pictures presented in rows (either two or	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx

	three rows) and asked to determine which pictures go together, one from each row, from version 4.		
WISC4_MatrixReasoning	Children are shown an array of pictures with one missing square and asked to select the picture that fits the array from five options, from version 4.	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC5_Vocabulary	From version 5	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC5_Similarities	From version 5	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC5_BlockDesign	From version 5	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC5_MatrixReasoning	From version 5	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
WISC5_FigureWeights	Children view pictures of shapes on a scale (or scales) with one empty side and are asked to select the choice that keeps the scale balanced; from version 5	Numerical	KKI_WechslerIntelligenceScaleforChildren.xlsx
EdinburghHandedness_Integer	Parents indicated which hand child most likely to use for 12 common tasks	Numerical	KKI_handedness.xlsx
SRS_Version	Version of the Social Responsiveness Scale (SRS) Questionnaire administered to parents	1 or 2	KKI_SocialResponsivenessScaleQuestionnaire.xlsx
SRS_TotalRawScore	The SRS probes a child's level of motivation to engage in social interactions, his/her ability to recognize emotional and interpersonal cues from other people, to interpret those cues correctly, and to respond to what he/she interprets appropriately. The social deficit severity index range from 0 to 195 with higher scores indicating more severe social deficits.	Numerical	KKI_SocialResponsivenessScaleQuestionnaire.xlsx
mABC_TotalStandardScore	The Movement Assessment Battery for Children (mABC) is designed to identify and describe impairments in motor performance of children and adolescents 3 through 17 years of age. The Performance Test involves children completing a series of fine and gross motor tasks grouped in three categories: Manual Dexterity, Aiming and Catching, and Balance.	Numerical	KKI_movementAssessmentBatteryforChildren.xlsx