Born in Bradford Data Dictionary

Starting School: all measures and administrative information

Contents

Background

This document is a data dictionary for Starting School: all measures and administrative information. It describes 683 variables from 5 sources.

The data comes from 2 intersecting cohorts: Born in Bradford and Starting School. When we say a cohort is *intersecting*, this means some individuals from the intersecting cohort are in the core Born in Bradford cohort, and some are not. The cohorts are described below.

This document was built from Born in Bradford database version BUILD-JAN2018.

Born in Bradford

Born in Bradford is a longitudinal multi-ethnic birth cohort study aiming to examine the impact of environmental, psychological and genetic factors on maternal and child health and wellbeing. Bradford is a city in the North of England with high levels of socio-economic deprivation and ethnic diversity. Women were recruited at the Bradford Royal Infirmary at 26-28 weeks gestation. For those consenting, a baseline questionnaire was completed. The full BiB cohort recruited 12,453 women and 3353 of their partners across 13,776 pregnancies and 13,858 children between 2007 and 2010. The cohort is broadly characteristic of the city's maternal population. Mean age of the mothers at study recruitment was 27 years old. Researchers are looking at the links between the circumstances of a child's birth, the context in which they grow up, their health and well-being and their educational progress. Ethical approval for the data collection was granted by Bradford Research Ethics Committee (Ref 07/H1302/112).

Starting School

Starting School was a research project that engaged Bradford primary schools and which ran for two consecutive academic years (2012-13 and 2013-14). The project aimed to assess all children in their first (reception) year of schooling who were in schools where there were at least 10 Born in Bradford children enrolled. Ninety-four out of the 142 primary schools in Bradford were contacted in the recruitment phase. Each recruited child was given the opportunity to participate in a (30 min long) in-school face-to-face assessment that comprised of the following standardised assessments of Motor and Literacy skills: The Clinical Kinematic Assessment Tool, the British Picture Vocabulary Scale (2nd Edition) and the Letter Identification (LetterID) from the Woodcock Reading Mastery Tests. A standardised questionnaire assessment of their emotional and behavioural was also obtained for children from the BiB cohort (teacher reported - Strengths and Difficulties Questionnaire). This was completed by a member of teaching staff who had known the child for $>$ 6 months. Starting School data from BiB children can be linked to other BiB data, including education records.

Study identifiers

Study identifiers are standardised across Born in Bradford data sources to enable linking of data from different sources.

Variable	Variable Label	Details
ChildID	BiB Child ID	Unique ID assigned to each child at birth. Where birth outcome is unknown for a given pregnancy, ChlidID will be blank and there is no child recruited to the study from that pregnancy. Use MotherID with ChildID to link siblings together. Note that twins have separate ChildIDs but the same PregnancyID.
FatherID	BiB Father ID	Unique ID assigned to partners post-recruitment. Use FatherID with PregnancyID to link fathers across pregnancies. Where FatherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different MotherIDs, this is a father with two separate pregnancies in the cohort with different mothers. Likewise, where MotherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different FatherIDs, this is a mother with two separate pregnancies in the cohort with different fathers.
MotherID	BiB Mother ID	Unique ID assigned to each mother post-recruitment. MotherID should be used when looking for pregnancies or children associated with the same mother. Data collected at pregnancy level will duplicate for MotherIDs that are in the study for more than one pregnancy.
PregnancyID	BiB Pregnancy ID	Unique ID assigned to each mother at recruitment. It is named PregnancyID because a mother can enrol for more than one pregnancy. If a mother returns to enrol for a second or third pregnancy, she is assigned a new PregnancyID. Children and partners from that pregnancy can be linked to the mother by the PregnancyID
SSChildID	Starting School Child ID	Unique ID assigned to each child in the BiB Starting School cohort. Some of these children are in the BiB cohort and have a corresponding ChildID, and some are not.

Starting School: BPVS

Database ID for source: `ssbpvs`

This source is measured at the **child** level. It contains 5 variables from 2 intersecting cohorts. From the *Born in Bradford* cohort, there are 3297 children with one observation per child, making a total of 3297 observations. From the *Starting School* cohort, there are 6657 children with one observation per child, making a total of 6657 observations. Variable-level parameters are presented for each cohort separately in the table below.

Description

Starting School was a research project that engaged Bradford primary schools and which ran for two consecutive academic years (2012-13 and 2013-14). The project aimed to assess all children in their first (reception) year of schooling who were in schools where there were at least 10 Born in Bradford children enrolled. Ninety-four out of the 142 primary schools in Bradford were contacted in the recruitment phase. The British Picture Vocabulary Scale (BPVS) is a one-to-one test that assesses a child's receptive vocabulary. For each question, the assessor says a word and the child responds by selecting a picture from four options that best illustrates the word's meaning. As no reading is required, BPVS can be used to assess language development in non-readers and especially pupils with expressive language impairments. Because no spoken response is required, the assessment may be administered to pupils with autism and other related communication difficulties or those with English as an Additional Language (EAL). To help with administration to pupils who may be colour blind the illustrations have black outlines and the colours are vivid.

BPVS

Variable	Variable Label	Details
ssbpvsBasalSet	BPVS Basal Set	Derived: Integer value Starting School: BPVS Basal Set - the number of the lowest numbered test set in which the participant makes 11 or 12 correct item responses (out of 12) *Born in Bradford*: Range 0 to 1 Mean 1.00 3297 non-missing values *Starting School*: Range 0 to 1 Mean 1.00 6657 non-missing values

Variable	Variable Label	Details
ssbpvsCeilingSet	BPVS Ceiling Set	Derived: Integer value Starting School: BPVS Ceiling Set - the number of the lowest numbered Test Set in which the participant makes no more than 4 correct item responses (out of 12) *Born in Bradford*: Range 0 to 1 Mean 1.00 3297 non-missing values *Starting School*: Range 0 to 1 Mean 1.00 6657 non-missing values
ssbpvschronage	BPVS Chronological Age	Derived: Continuous value Starting School: BPVS Chronological Age - on day of test, measured in years and completed months *Born in Bradford*: Range 4.00 to 5.10 Mean 4.57 3292 non-missing values *Starting School*: Range 4.00 to 6.03 Mean 4.57 6635 non-missing values
ssbpvsrawscore	BPVS Raw Score	Research Clinic: Integer value Starting School: BPVS Raw Score - The item number of the last number in the ceiling set (max is 168) minus the total number of individual item errors made from Basal to their Ceiling set *Born in Bradford*: Range 0 to 112 Mean 51.27 3292 non-missing values *Starting School*: Range 0 to 135 Mean 50.30 6635 non-missing values

Variable	Variable Label	Details
ssbpvsstandardised	BPVS Standardised Score	Derived: Integer value ——— Starting School: BPVS Standardised Score - Interpretation in relation to BPVS-II norm tables, Raw Score adjusted for Chronological Age (Mean for age = 100, Std Dev. = 15) ——— *Born in Bradford*: Range 39 to 161 Mean 100.74 3292 non-missing values ——— *Starting School*: Range 39 to 161 Mean 99.62 6635 non-missing values

Starting School Child Info

Database ID for source: `sscadm`

This source is measured at the **child** level. It contains 13 variables from 2 intersecting cohorts. From the *Born in Bradford* cohort, there are 3444 children with one observation per child, making a total of 3444 observations. From the *Starting School* cohort, there are 6844 children with one observation per child, making a total of 6844 observations. Variable-level parameters are presented for each cohort separately in the table below. 1 variable is sensitive or potentially disclosive and will be hidden from standard data packages. This is marked as *Hidden*, below.

Description

Administrative information about children in the Starting School cohort.

Variable	Variable Label	Details
agecm_ssbpvs	Age in months at BPVS	Administrative: Integer value ——— Starting School child age in months at BPVS ——— *Born in Bradford*: Range 48 to 70 Mean 59.60 3297 non-missing values ——— *Starting School*: Range 48 to 75 Mean 59.64 6657 non-missing values
agecm_ssckat	Age in months at CKAT	Administrative: Integer value ——— Starting School child age in months at CKAT ——— *Born in Bradford*: Range 8 to 70 Mean 59.59 3253 non-missing values ——— *Starting School*: Range 8 to 75 Mean 59.65 6586 non-missing values

Variable	Variable Label	Details
agecm_ssclid	Age in months at Letter ID	Administrative: Integer value Starting School child age in months at Letter ID *Born in Bradford*: Range 48 to 70 Mean 59.57 3258 non-missing values *Starting School*: Range 48 to 75 Mean 59.61 6582 non-missing values
agecm_sscsdq	Age in months at SDQ	Administrative: Integer value Starting School child age in months at SDQ *Born in Bradford*: Range 54 to 77 Mean 61.62 2340 non-missing values *Starting School*: Range 54 to 77 Mean 61.62 2340 non-missing values
has_ssbpvs	Has Starting School BPVS	Administrative: Categorical value Starting School child has BPVS *Born in Bradford*: 3297 non-missing values *Starting School*: 6657 non-missing values Coding [`has`]: 1 = has

Variable	Variable Label	Details
has_ssckat	Has Starting School CKAT	Administrative: Categorical value Starting School child has CKAT *Born in Bradford*: 3253 non-missing values *Starting School*: 6586 non-missing values Coding [has]: 1 = has
has_ssclid	Has Starting School Letter ID	Administrative: Categorical value Starting School child has Letter ID *Born in Bradford*: 3258 non-missing values *Starting School*: 6582 non-missing values Coding [has]: 1 = has
has_sscsdq	Has Starting School SDQ	Administrative: Categorical value Starting School child has SDQ *Born in Bradford*: 2340 non-missing values *Starting School*: 2340 non-missing values Coding [has]: 1 = has
has_stschl	Is in Starting School cohort	Administrative: Categorical value Child is in Starting School cohort *Born in Bradford*: 3444 non-missing values *Starting School*: 6844 non-missing values Coding [has]: 1 = has

Variable	Variable Label	Details
sstermofbirth	Term of birth	Administrative: Categorical value Starting School child term of birth *Born in Bradford*: 3444 non-missing values *Starting School*: 6844 non-missing values Coding [`edcontacadterm`]: 1 = Autumn 2 = Spring 3 = Summer

1 Contextual Info

Variable	Variable Label	Details
ssdateofbirth	Child date of birth	*[Hidden]* Administrative: Date value Child date of birth - Starting School project *Born in Bradford*: Range 2007-08-14 to 2009-08-31 3444 non-missing values *Starting School*: Range 2006-11-28 to 2009-08-31 6844 non-missing values
ssgender	Child gender	Administrative: Categorical value Child gender - Starting School project *Born in Bradford*: 3444 non-missing values *Starting School*: 6844 non-missing values Coding [`ssgender`]: 1 = Male 2 = Female
ssschoolid	School reference number	Administrative: Integer value School reference number - Starting School project *Born in Bradford*: Range 1 to 166 Mean 38.63 3444 non-missing values *Starting School*: Range 1 to 166 Mean 40.59 6844 non-missing values

Starting School: CKAT

Database ID for source: `ssckat`

This source is measured at the **child** level. It contains 609 variables from 2 intersecting cohorts. From the *Born in Bradford* cohort, there are 3253 children with one observation per child, making a total of 3253 observations. From the *Starting School* cohort, there are 6586 children with one observation per child, making a total of 6586 observations. Variable-level parameters are presented for each cohort separately in the table below.

Description

Starting School was a research project that engaged Bradford primary schools and which ran for two consecutive academic years (2012-13 and 2013-14). The project aimed to assess all children in their first (reception) year of schooling who were in schools where there were at least 10 Born in Bradford children enrolled. Ninety-four out of the 142 primary schools in Bradford were contacted in the recruitment phase. Clinical Kinematic Assessment Tool (CKAT) is a standardised, computerised assessment battery of visuo-manual motor control which comprises of tasks involving the presentation of interactive visual stimuli displayed on a touch-screen tablet laptop screen, whilst simultaneously recording participant's responses to these stimuli via interactions with the screen using a handheld stylus. The battery of tasks presented by CKAT is described in detail in Flatters et al. (2014; PloS One, 9(2), e88692. doi:10.1371/journal.pone.0088692), whilst the underlying software architecture and the performance metrics CKAT measures participants on are explained in Culmer, Levesley, Mon-Williams and Williams (2009; Journal of Neuroscience Methods, 184(1), 184–92. doi:10.1016/j.jneumeth.2009.07.025). To briefly summarise: (1) the CKAT Tracking task assesses participants ability to predict target movement; (2) the Aiming task assesses (discrete) feedforward and feedback control mechanisms and (3) the Tracing/Steering assesses (continuous) steering control mechanisms - all of which are considered to be fundamental sensorimotor control processes.

1 Contextual Info

Variable	Variable Label	Details
ssckatrHandedness	Handedness	Administrative: Categorical value
		Hand used to hold stylus whilst performing the task (Left or Right)
		Born in Bradford: 3235 non-missing values
		Starting School: 6560 non-missing values
		Coding [`ckathandedness`]: 1 = Right 2 = Left

2 Tracking - without Guide

Variable	Variable Label	Details
ssckatrTNGFstFgainX3	Tracking without Guide (Fast) Gain on X axis	Research Clinic: Continuous value ——— Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.049513 to 1.245457 Mean 0.57 3237 non-missing values ——— *Starting School*: Range 0.028622 to 1.245457 Mean 0.57 6551 non-missing values
ssckatrTNGFstFgainY3	Tracking without Guide (Fast) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.051086 to 0.798351 Mean 0.58 3237 non-missing values ——— *Starting School*: Range 0.002534 to 0.798351 Mean 0.58 6551 non-missing values

Variable	Variable Label	Details
ssckatrTNGFstFtrackerrorRMS3	Tracking without Guide (Fast) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 20.146141 to 135.555156 Mean 48.70 3237 non-missing values ——— *Starting School*: Range 18.107543 to 136.581849 Mean 48.89 6551 non-missing values
ssckatrTNGFstFtrackerrorSTD3	Tracking without Guide (Fast) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 8.704705 to 71.759019 Mean 23.81 3237 non-missing values ——— *Starting School*: Range 8.239380 to 73.465914 Mean 23.98 6551 non-missing values

Variable	Variable Label	Details
ssckatrTNGFstNJ3	Tracking without Guide (Fast) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) on the Tracking subtask when no guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 3372.734258 to 276236.270900 Mean 21706.23 3237 non-missing values ——— *Starting School*: Range 3372.734258 to 304680.256500 Mean 21974.54 6551 non-missing values
ssckatrTNGFstPA3	Tracking without Guide (Fast) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 3.506852 to 42.115809 Mean 10.68 3237 non-missing values ——— *Starting School*: Range 1.031773 to 42.669216 Mean 10.65 6551 non-missing values

Variable	Variable Label	Details
ssckatrTNGFstPL3	Tracking without Guide (Fast) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus on the Tracking subtask when no guide-line is present and target is moving at a Fast speed *Born in Bradford*: Range 291.269744 to 3969.705148 Mean 1919.38 3237 non-missing values *Starting School*: Range 31.734650 to 3988.508369 Mean 1911.53 6551 non-missing values
ssckatrTNGFstPLT3	Tracking without Guide (Fast) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) on the Tracking subtask when no guide-line is present and target is moving at a Fast speed *Born in Bradford*: Range 11.990000 to 12.020000 Mean 12.00 3237 non-missing values *Starting School*: Range 11.990000 to 12.020000 Mean 12.00 6551 non-missing values
ssckatrTNGMedFgainX2	Tracking without Guide (medium) Gain on X axis	Research Clinic: Continuous value Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 0.017794 to 1.184287 Mean 0.66 3240 non-missing values *Starting School*: Range 0.016913 to 1.184287 Mean 0.66 6555 non-missing values

Variable	Variable Label	Details
ssckatrTNGMedFgainY2	Tracking without Guide (medium) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.014837 to 0.823189 Mean 0.65 3240 non-missing values ——— *Starting School*: Range 0.014837 to 0.862104 Mean 0.64 6555 non-missing values
ssckatrTNGMedFtrackerrorRMS2	Tracking without Guide (medium) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 9.528383 to 107.046490 Mean 26.12 3240 non-missing values ——— *Starting School*: Range 8.819686 to 108.921226 Mean 26.28 6555 non-missing values

Variable	Variable Label	Details
ssckatrTNGMedFtrackerrorSTD2	Tracking without Guide (medium) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 4.386998 to 76.188315 Mean 17.45 3240 non-missing values ——— *Starting School*: Range 4.254775 to 78.280237 Mean 17.67 6555 non-missing values
ssckatrTNGMedNJ2	Tracking without Guide (medium) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 27263.780260 to 1197700.540000 Mean 104292.44 3240 non-missing values ——— *Starting School*: Range 20790.800050 to 1333392.370000 Mean 107627.44 6555 non-missing values

Variable	Variable Label	Details
ssckatrTNGMedPA2	Tracking without Guide (medium) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 1.795589 to 42.380833 Mean 7.09 3240 non-missing values ——— *Starting School*: Range 1.795589 to 42.380833 Mean 7.07 6555 non-missing values
ssckatrTNGMedPL2	Tracking without Guide (medium) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus on the Tracking subtask when no guide-line is present and target is moving at a medium speed ——— *Born in Bradford*: Range 56.424268 to 4810.841194 Mean 2211.85 3240 non-missing values ——— *Starting School*: Range 56.424268 to 7446.733910 Mean 2211.78 6555 non-missing values
ssckatrTNGMedPLT2	Tracking without Guide (medium) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) on the Tracking subtask when no guide-line is present and target is moving at a medium speed ——— *Born in Bradford*: Range 23.990000 to 24.030000 Mean 24.01 3240 non-missing values ——— *Starting School*: Range 23.990000 to 24.030000 Mean 24.01 6555 non-missing values

Variable	Variable Label	Details
ssckatrTNGSlowFgainX1	Tracking without Guide (slow) Gain on X axis	Research Clinic: Continuous value ——— Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.127415 to 1.174451 Mean 0.66 3241 non-missing values ——— *Starting School*: Range 0.122337 to 1.186109 Mean 0.66 6556 non-missing values
ssckatrTNGSlowFgainY1	Tracking without Guide (slow) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.106881 to 0.791316 Mean 0.66 3241 non-missing values ——— *Starting School*: Range 0.054829 to 0.791316 Mean 0.66 6556 non-missing values

Variable	Variable Label	Details
ssckatrTNGSlowFtrackerrorRMS1	Tracking without Guide (slow) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 5.371152 to 91.477812 Mean 17.46 3241 non-missing values ——— *Starting School*: Range 5.189141 to 109.875614 Mean 17.69 6556 non-missing values
ssckatrTNGSlowFtrackerrorSTD1	Tracking without Guide (slow) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 3.110753 to 78.641289 Mean 15.95 3241 non-missing values ——— *Starting School*: Range 2.954508 to 78.641289 Mean 16.22 6556 non-missing values

Variable	Variable Label	Details
ssckatrTNGSlowNJ1	Tracking without Guide (slow) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 145553.110200 to 7672972.838000 Mean 1052294.67 3241 non-missing values ——— *Starting School*: Range 145553.110200 to 18562892.760000 Mean 1071539.45 6556 non-missing values
ssckatrTNGSlowPA1	Tracking without Guide (slow) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when no guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 1.421281 to 39.003600 Mean 4.93 3241 non-missing values ——— *Starting School*: Range 0.760383 to 39.227076 Mean 4.92 6556 non-missing values

Variable	Variable Label	Details
ssckatrTNGSlowPL1	Tracking without Guide (slow) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus on the Tracking subtask when no guide-line is present and target is moving at a slow speed *Born in Bradford*: Range 892.116646 to 7503.839207 Mean 2385.60 3241 non-missing values *Starting School*: Range 263.870292 to 8068.389643 Mean 2389.11 6556 non-missing values
ssckatrTNGSlowPLT1	Tracking without Guide (slow) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) on the Tracking subtask when no guide-line is present and target is moving at a slow speed *Born in Bradford*: Range 47.990000 to 48.020000 Mean 48.00 3241 non-missing values *Starting School*: Range 47.990000 to 48.030000 Mean 48.00 6556 non-missing values
ssckatrTrackNGOvrlINJ4	Tracking without Guide (overall) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) on the Tracking subtask when no guide-line is present, irrespective of speed. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 500257.041500 to 13372260.620000 Mean 2143484.26 3237 non-missing values *Starting School*: Range 491266.753600 to 14440841.280000 Mean 2179815.25 6551 non-missing values

Variable	Variable Label	Details
ssckatrTrackNGOvrllPA4	Tracking without Guide (overall) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when no guide-line is present, irrespective of speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 2.234959 to 40.027196 Mean 6.37 3237 non-missing values ——— *Starting School*: Range 2.172558 to 40.027196 Mean 6.35 6551 non-missing values
ssckatrTrackNGOvrllPL4	Tracking without Guide (overall) Path Length	Research Clinic: Continuous value ——— Total Path Length (in mm) generated by the stylus for all three consecutive speeds cumulatively on Tracking subtask when no guide-line is present ——— *Born in Bradford*: Range 3030.332428 to 13813.069920 Mean 6519.20 3237 non-missing values ——— *Starting School*: Range 2153.199843 to 19383.603810 Mean 6514.70 6551 non-missing values
ssckatrTrackNGOvrllPLT4	Tracking without Guide (overall) Path Length Time	Research Clinic: Continuous value ——— Total time of Path Lengths (in seconds), cumulatively for all three consecutive speeds, on the Tracking subtask when no guide-line is present ——— *Born in Bradford*: Range 84.000000 to 84.060000 Mean 84.01 3237 non-missing values ——— *Starting School*: Range 84.000000 to 84.060000 Mean 84.01 6551 non-missing values

3 Tracking - with Guide

Variable	Variable Label	Details
ssckatrTrackWGOvrlINJ4	Tracking with Guide (overall) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) on the Tracking subtask when a guide-line is present, calculated irrespective of speed (i.e. calculated across all three consecutive speeds within the sub-task). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 418971.052000 to 9742394.989000 Mean 1728613.92 3236 non-missing values ——— *Starting School*: Range 418971.052000 to 25326779.170000 Mean 1751559.07 6552 non-missing values
ssckatrTrackWGOvrlIPA4	Tracking with Guide (overall) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when no guide-line is present, irrespective of speed (i.e. calculated across all three consecutive speeds within the sub-task. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 2.160029 to 16.512684 Mean 4.33 3236 non-missing values ——— *Starting School*: Range 1.972647 to 27.710528 Mean 4.32 6552 non-missing values

Variable	Variable Label	Details
ssckatrTrackWGOvrllPL4	Tracking with Guide (overall) Path Length	Research Clinic: Continuous value ——— Total Path Length (in mm) generated by the stylus for all three consecutive speeds cumulatively on Tracking subtask when a guide-line is present ——— *Born in Bradford*: Range 3285.010146 to 14446.202790 Mean 6332.94 3236 non-missing values ——— *Starting School*: Range 1205.785481 to 14690.186220 Mean 6348.10 6552 non-missing values
ssckatrTrackWGOvrllPLT4	Tracking with Guide (overall) Path Length Time	Research Clinic: Continuous value ——— Total time of Path Lengths (in seconds), cumulatively for all three consecutive speeds, on the Tracking subtask when a guide-line is present ——— *Born in Bradford*: Range 84.000000 to 84.050000 Mean 84.01 3236 non-missing values ——— *Starting School*: Range 84.000000 to 84.060000 Mean 84.01 6552 non-missing values
ssckatrTWGFstFgainX3	Tracking with Guide (Fast) Gain on X axis	Research Clinic: Continuous value ——— Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.002236 to 0.755488 Mean 0.48 3236 non-missing values ——— *Starting School*: Range 0.002236 to 0.755488 Mean 0.48 6552 non-missing values

Variable	Variable Label	Details
ssckatrTWGFstFgainY3	Tracking with Guide (Fast) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.002387 to 0.713375 Mean 0.57 3236 non-missing values ——— *Starting School*: Range 0.001465 to 0.713375 Mean 0.57 6552 non-missing values
ssckatrTWGFstFtrackerrorRMS3	Tracking with Guide (Fast) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 17.043744 to 140.973231 Mean 62.22 3236 non-missing values ——— *Starting School*: Range 14.646726 to 148.211509 Mean 62.12 6552 non-missing values

Variable	Variable Label	Details
ssckatrTWGFstFtrackerrorSTD3	Tracking with Guide (Fast) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 10.056748 to 69.451585 Mean 32.27 3236 non-missing values ——— *Starting School*: Range 7.969050 to 73.524503 Mean 32.20 6552 non-missing values
ssckatrTWGFstNJ3	Tracking with Guide (Fast) Normalised Jerk	Research Clinic: Continuous value ——— armalised Jerk (measures smoothness of movement) on the Tracking subtask when a guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 5995.790918 to 544137.960700 Mean 19219.21 3236 non-missing values ——— *Starting School*: Range 5995.790918 to 765847.591700 Mean 19266.36 6552 non-missing values

Variable	Variable Label	Details
ssckatrTWGFstPA3	Tracking with Guide (Fast) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a Fast speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 2.597957 to 37.374659 Mean 7.34 3236 non-missing values ——— *Starting School*: Range 1.924193 to 38.774540 Mean 7.31 6552 non-missing values
ssckatrTWGFstPL3	Tracking with Guide (Fast) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus on the Tracking subtask when a guide-line is present and target is moving at a Fast speed ——— *Born in Bradford*: Range 13.092388 to 3881.389695 Mean 1778.36 3236 non-missing values ——— *Starting School*: Range 13.092388 to 3903.598495 Mean 1783.14 6552 non-missing values
ssckatrTWGFstPLT3	Tracking with Guide (Fast) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) on the Tracking subtask when a guide-line is present and target is moving at a Fast speed ——— *Born in Bradford*: Range 11.990000 to 12.020000 Mean 12.00 3236 non-missing values ——— *Starting School*: Range 11.990000 to 12.020000 Mean 12.00 6552 non-missing values

Variable	Variable Label	Details
ssckatrTWGMedFgainX2	Tracking with Guide (medium) Gain on X axis	Research Clinic: Continuous value ——— Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.060768 to 0.721422 Mean 0.54 3237 non-missing values ——— *Starting School*: Range 0.013236 to 0.730604 Mean 0.54 6553 non-missing values
ssckatrTWGMedFgainY2	Tracking with Guide (medium) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.089478 to 0.733315 Mean 0.61 3237 non-missing values ——— *Starting School*: Range 0.003650 to 0.733315 Mean 0.61 6553 non-missing values

Variable	Variable Label	Details
ssckatrTWGMedFtrackerrorRMS2	Tracking with Guide (medium) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 8.427021 to 132.612717 Mean 38.05 3237 non-missing values ——— *Starting School*: Range 8.427021 to 136.550652 Mean 37.81 6553 non-missing values
ssckatrTWGMedFtrackerrorSTD2	Tracking with Guide (medium) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 4.644775 to 74.189367 Mean 26.27 3237 non-missing values ——— *Starting School*: Range 4.644775 to 74.189367 Mean 26.09 6553 non-missing values

Variable	Variable Label	Details
ssckatrTWGMedNJ2	Tracking with Guide (medium) Normalised Jerk	Research Clinic: Continuous value armalised Jerk (measures smoothness of movement) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 24511.757660 to 1498444.171000 Mean 93016.52 3237 non-missing values *Starting School*: Range 24511.757660 to 1498444.171000 Mean 92813.48 6553 non-missing values
ssckatrTWGMedPA2	Tracking with Guide (medium) Path Accuracy	Research Clinic: Continuous value Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a medium speed. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 2.052344 to 20.318783 Mean 4.71 3237 non-missing values *Starting School*: Range 1.861785 to 37.754952 Mean 4.70 6553 non-missing values

Variable	Variable Label	Details
ssckatrTWGMedPL2	Tracking with Guide (medium) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus on the Tracking subtask when a guide-line is present and target is moving at a medium speed ——— *Born in Bradford*: Range 692.142551 to 6351.292419 Mean 2114.79 3237 non-missing values ——— *Starting School*: Range 65.618068 to 6351.292419 Mean 2118.39 6553 non-missing values
ssckatrTWGMedPLT2	Tracking with Guide (medium) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) on the Tracking subtask when a guide-line is present and target is moving at a medium speed ——— *Born in Bradford*: Range 23.990000 to 24.030000 Mean 24.01 3237 non-missing values ——— *Starting School*: Range 23.990000 to 24.030000 Mean 24.01 6553 non-missing values
ssckatrTWGSlowFgainX1	Tracking with Guide (slow) Gain on X axis	Research Clinic: Continuous value ——— Gain on X-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its X axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.117319 to 0.724145 Mean 0.57 3238 non-missing values ——— *Starting School*: Range 0.068892 to 0.724145 Mean 0.56 6554 non-missing values

Variable	Variable Label	Details
ssckatrTWGSlowFgainY1	Tracking with Guide (slow) Gain on Y axis	Research Clinic: Continuous value ——— Gain on Y-axis at target frequency (0-1) relative to the sinusoidal motion of the target along its Y axis (increases indicate poorer temporal tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.064760 to 0.726984 Mean 0.63 3238 non-missing values ——— *Starting School*: Range 0.064760 to 0.739671 Mean 0.63 6554 non-missing values
ssckatrTWGSlowFtrackerrorRMS1	Tracking with Guide (slow) Root Mean Square Error	Research Clinic: Continuous value ——— Mean Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 5.141051 to 120.152780 Mean 26.36 3238 non-missing values ——— *Starting School*: Range 4.628184 to 120.152780 Mean 26.63 6554 non-missing values

Variable	Variable Label	Details
ssckatrTWGSlowFtrackerrorSTD1	Tracking with Guide (slow) SD of Root Mean Square Error	Research Clinic: Continuous value ——— Standard Deviation of Root Mean Square Error (in mm) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 3.128287 to 72.161863 Mean 22.98 3238 non-missing values ——— *Starting School*: Range 3.097286 to 72.161863 Mean 23.16 6554 non-missing values
ssckatrTWGSlowNJ1	Tracking with Guide (slow) Normalised Jerk	Research Clinic: Continuous value ——— armalised Jerk (measures smoothness of movement) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 153312.360800 to 5668751.851000 Mean 785170.40 3238 non-missing values ——— *Starting School*: Range 153312.360800 to 7068398.970000 Mean 803794.29 6554 non-missing values

Variable	Variable Label	Details
ssckatrTWGSlowPA1	Tracking with Guide (slow) Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracking subtask when a guide-line is present and target is moving at a slow speed. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 1.583611 to 15.281043 Mean 3.39 3238 non-missing values ——— *Starting School*: Range 1.511568 to 21.561719 Mean 3.39 6554 non-missing values
ssckatrTWGSlowPL1	Tracking with Guide (slow) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus on the Tracking subtask when a guide-line is present and target is moving at a slow speed ——— *Born in Bradford*: Range 885.887571 to 6602.947481 Mean 2437.60 3238 non-missing values ——— *Starting School*: Range 885.887571 to 6810.965070 Mean 2444.72 6554 non-missing values
ssckatrTWGSlowPLT1	Tracking with Guide (slow) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) on the Tracking subtask when a guide-line is present and target is moving at a slow speed ——— *Born in Bradford*: Range 47.990000 to 48.030000 Mean 48.00 3238 non-missing values ——— *Starting School*: Range 47.990000 to 48.040000 Mean 48.00 6554 non-missing values

4 Aiming - Initiation Movement

Variable	Variable Label	Details
ssckatraim01scrapDT1	Aiming (Initiation) Deceleration Time	Research Clinic: Continuous value Deceleration Time (in seconds) for the initial aiming movement (from Start position to 1st baseline target). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 47.560000 Mean 0.89 3235 non-missing values *Starting School*: Range 0.020000 to 47.560000 Mean 0.86 6552 non-missing values
ssckatraim01scrapMT1	Aiming (Initiation) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for the initial aiming movement (from Start position to 1st baseline target). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.060000 to 47.560000 Mean 1.31 3235 non-missing values *Starting School*: Range 0.060000 to 47.560000 Mean 1.28 6552 non-missing values

Variable	Variable Label	Details
ssckatraim01scrapNJ1	Aiming (Initiation) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during the initial aiming movement (from Start position to 1st baseline target). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 57.021977 to 1599158.503000 Mean 12105.63 3235 non-missing values *Starting School*: Range 44.224857 to 4104622.488000 Mean 13145.22 6552 non-missing values
ssckatraim01scrapPL1	Aiming (Initiation) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during the initial aiming movement (from Start position to 1st baseline target) *Born in Bradford*: Range 47.346610 to 2794.085495 Mean 101.37 3235 non-missing values *Starting School*: Range 45.494134 to 2794.085495 Mean 100.33 6552 non-missing values
ssckatraim01scrapPLT1	Aiming (Initiation) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during the initial aiming movement (from Start position to 1st baseline target) *Born in Bradford*: Range 0.700000 to 29.880000 Mean 3.02 3235 non-missing values *Starting School*: Range 0.630000 to 41.160000 Mean 3.02 6552 non-missing values

Variable	Variable Label	Details
ssckatraim01scrapPS1	Aiming (Initiation) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for the initial aiming movement (from Start position to 1st baseline target). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 52.477940 to 12612.316230 Mean 717.33 3082 non-missing values *Starting School*: Range 52.477940 to 12612.316230 Mean 719.15 6227 non-missing values
ssckatraim01scrapRT1	Aiming (Initiation) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for the initial aiming movement (from Start position to 1st baseline target). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -47.560000 to 19.080000 Mean 0.91 3118 non-missing values *Starting School*: Range -47.560000 to 19.300000 Mean 0.93 6313 non-missing values

Variable	Variable Label	Details
ssckatraim01scrapTPS1	Aiming (Initiation) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for the initial aiming movement (from Start position to 1st baseline target). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -47.560000 to 27.470000 Mean 1.35 3118 non-missing values *Starting School*: Range -47.560000 to 28.330000 Mean 1.36 6313 non-missing values

5 Aiming - Baseline Condition

Variable	Variable Label	Details
ssckatraim02baseDT2	Aiming Baseline (Aim Number: 1 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 63.580000 Mean 0.89 3235 non-missing values ——— *Starting School*: Range 0.030000 to 75.060000 Mean 0.86 6552 non-missing values
ssckatraim02baseMT2	Aiming Baseline (Aim Number: 1 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 64.000000 Mean 1.51 3235 non-missing values ——— *Starting School*: Range 0.060000 to 124.870000 Mean 1.52 6552 non-missing values

Variable	Variable Label	Details
ssckatraim02baseNJ2	Aiming Baseline (Aim Number: 1 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 31.466866 to 1419615.008000 Mean 5360.80 3235 non-missing values *Starting School*: Range 31.466866 to 3753101.163000 Mean 5854.99 6552 non-missing values
ssckatraim02basePL2	Aiming Baseline (Aim Number: 1 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition) *Born in Bradford*: Range 110.029975 to 4335.449611 Mean 151.53 3235 non-missing values *Starting School*: Range 110.029975 to 5474.724110 Mean 150.85 6552 non-missing values
ssckatraim02basePLT2	Aiming Baseline (Aim Number: 1 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition) *Born in Bradford*: Range 0.810000 to 65.240000 Mean 2.89 3235 non-missing values *Starting School*: Range 0.750000 to 129.950000 Mean 2.88 6552 non-missing values

Variable	Variable Label	Details
ssckatraim02basePS2	Aiming Baseline (Aim Number: 1 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 54.654813 to 9321.900727 Mean 350.26 3229 non-missing values ——— *Starting School*: Range 53.244946 to 9321.900727 Mean 343.46 6537 non-missing values
ssckatraim02baseRT2	Aiming Baseline (Aim Number: 1 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. 2009) for more detailed description. ——— *Born in Bradford*: Range -10.660000 to 19.360000 Mean 0.88 3221 non-missing values ——— *Starting School*: Range -75.060000 to 19.360000 Mean 0.86 6527 non-missing values

Variable	Variable Label	Details
ssckatraim02baseTPS2	Aiming Baseline (Aim Number: 1 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 1 of 50 (from 1st baseline target to 2nd baseline target, 1st repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -10.660000 to 37.540000 Mean 1.51 3221 non-missing values ——— *Starting School*: Range -75.060000 to 123.670000 Mean 1.52 6527 non-missing values
ssckatraim03baseDT3	Aiming Baseline (Aim Number: 2 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 18.240000 Mean 0.87 3234 non-missing values ——— *Starting School*: Range 0.040000 to 46.150000 Mean 0.86 6549 non-missing values

Variable	Variable Label	Details
ssckatraim03baseMT3	Aiming Baseline (Aim Number: 2 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 24.300000 Mean 1.47 3234 non-missing values ——— *Starting School*: Range 0.070000 to 47.890000 Mean 1.47 6549 non-missing values
ssckatraim03baseNJ3	Aiming Baseline (Aim Number: 2 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 39.928808 to 2099246.994000 Mean 4903.72 3234 non-missing values ——— *Starting School*: Range 34.212773 to 2099246.994000 Mean 4416.31 6549 non-missing values

Variable	Variable Label	Details
ssckatraim03basePL3	Aiming Baseline (Aim Number: 2 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition) *Born in Bradford*: Range 109.292942 to 2752.878980 Mean 158.44 3234 non-missing values *Starting School*: Range 109.292942 to 9528.595311 Mean 159.32 6549 non-missing values
ssckatraim03basePLT3	Aiming Baseline (Aim Number: 2 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition) *Born in Bradford*: Range 0.770000 to 27.990000 Mean 2.77 3234 non-missing values *Starting School*: Range 0.740000 to 49.540000 Mean 2.77 6549 non-missing values
ssckatraim03basePS3	Aiming Baseline (Aim Number: 2 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 56.644169 to 5490.629789 Mean 355.60 3234 non-missing values *Starting School*: Range 52.203298 to 5571.244973 Mean 358.70 6548 non-missing values

Variable	Variable Label	Details
ssckatraim03baseRT3	Aiming Baseline (Aim Number: 2 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 10.930000 Mean 0.82 3223 non-missing values ——— *Starting School*: Range -11.960000 to 11.880000 Mean 0.81 6523 non-missing values
ssckatraim03baseTPS3	Aiming Baseline (Aim Number: 2 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 2 of 50 (2nd baseline target to 3rd baseline target, 1st repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.140000 to 26.310000 Mean 1.42 3223 non-missing values ——— *Starting School*: Range -11.960000 to 26.310000 Mean 1.43 6523 non-missing values

Variable	Variable Label	Details
ssckatraim04baseDT4	Aiming Baseline (Aim Number: 3 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 12.560000 Mean 0.76 3234 non-missing values ——— *Starting School*: Range 0.040000 to 24.010000 Mean 0.76 6549 non-missing values
ssckatraim04baseMT4	Aiming Baseline (Aim Number: 3 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 27.090000 Mean 1.19 3234 non-missing values ——— *Starting School*: Range 0.070000 to 35.020000 Mean 1.19 6549 non-missing values

Variable	Variable Label	Details
ssckatraim04baseNJ4	Aiming Baseline (Aim Number: 3 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 86.538399 to 804391.137500 Mean 3406.00 3234 non-missing values *Starting School*: Range 75.293141 to 932747.640400 Mean 3550.42 6549 non-missing values
ssckatraim04basePL4	Aiming Baseline (Aim Number: 3 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition) *Born in Bradford*: Range 110.774656 to 3333.224162 Mean 138.51 3234 non-missing values *Starting School*: Range 110.723070 to 3406.234952 Mean 139.62 6549 non-missing values
ssckatraim04basePLT4	Aiming Baseline (Aim Number: 3 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition) *Born in Bradford*: Range 0.810000 to 28.800000 Mean 2.27 3234 non-missing values *Starting School*: Range 0.750000 to 35.480000 Mean 2.28 6549 non-missing values

Variable	Variable Label	Details
ssckatraim04basePS4	Aiming Baseline (Aim Number: 3 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 62.080509 to 10754.568030 Mean 321.37 3233 non-missing values ——— *Starting School*: Range 55.850972 to 10754.568030 Mean 338.98 6547 non-missing values
ssckatraim04baseRT4	Aiming Baseline (Aim Number: 3 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -12.560000 to 15.170000 Mean 0.60 3222 non-missing values ——— *Starting School*: Range -24.010000 to 15.170000 Mean 0.60 6519 non-missing values

Variable	Variable Label	Details
ssckatraim04baseTPS4	Aiming Baseline (Aim Number: 3 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 3 of 50 (3rd baseline target to 4th baseline target, 1st repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -12.560000 to 19.890000 Mean 1.04 3222 non-missing values ——— *Starting School*: Range -24.010000 to 19.890000 Mean 1.04 6519 non-missing values
ssckatraim05baseDT5	Aiming Baseline (Aim Number: 4 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 20.380000 Mean 0.75 3234 non-missing values ——— *Starting School*: Range 0.040000 to 20.380000 Mean 0.74 6549 non-missing values

Variable	Variable Label	Details
ssckatraim05baseMT5	Aiming Baseline (Aim Number: 4 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.080000 to 20.480000 Mean 1.28 3234 non-missing values ——— *Starting School*: Range 0.080000 to 24.540000 Mean 1.27 6549 non-missing values
ssckatraim05baseNJ5	Aiming Baseline (Aim Number: 4 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 96.874394 to 450119.459100 Mean 3694.31 3234 non-missing values ——— *Starting School*: Range 93.435277 to 1380682.229000 Mean 4063.34 6549 non-missing values

Variable	Variable Label	Details
ssckatraim05basePL5	Aiming Baseline (Aim Number: 4 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition) *Born in Bradford*: Range 109.671956 to 5831.699909 Mean 150.52 3234 non-missing values *Starting School*: Range 109.671956 to 5831.699909 Mean 149.48 6549 non-missing values
ssckatraim05basePLT5	Aiming Baseline (Aim Number: 4 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition) *Born in Bradford*: Range 0.800000 to 21.920000 Mean 2.48 3234 non-missing values *Starting School*: Range 0.800000 to 25.880000 Mean 2.47 6549 non-missing values
ssckatraim05basePS5	Aiming Baseline (Aim Number: 4 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 62.281450 to 5807.735565 Mean 323.05 3234 non-missing values *Starting School*: Range 62.281450 to 5853.700871 Mean 319.61 6549 non-missing values

Variable	Variable Label	Details
ssckatraim05baseRT5	Aiming Baseline (Aim Number: 4 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 8.400000 Mean 0.73 3216 non-missing values ——— *Starting School*: Range 0.020000 to 8.400000 Mean 0.74 6519 non-missing values
ssckatraim05baseTPS5	Aiming Baseline (Aim Number: 4 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 4 of 50 (4th baseline target to 5th baseline target, 1st repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.240000 to 12.930000 Mean 1.26 3216 non-missing values ——— *Starting School*: Range 0.120000 to 15.990000 Mean 1.27 6519 non-missing values

Variable	Variable Label	Details
ssckatraim06baseDT6	Aiming Baseline (Aim Number: 5 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 26.890000 Mean 0.73 3234 non-missing values ——— *Starting School*: Range 0.040000 to 41.390000 Mean 0.74 6549 non-missing values
ssckatraim06baseMT6	Aiming Baseline (Aim Number: 5 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.080000 to 26.890000 Mean 1.13 3234 non-missing values ——— *Starting School*: Range 0.060000 to 111.310000 Mean 1.15 6549 non-missing values

Variable	Variable Label	Details
ssckatraim06baseNJ6	Aiming Baseline (Aim Number: 5 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 64.242980 to 390455.813400 Mean 2903.00 3234 non-missing values *Starting School*: Range 64.242980 to 9987349.562000 Mean 4775.27 6549 non-missing values
ssckatraim06basePL6	Aiming Baseline (Aim Number: 5 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition) *Born in Bradford*: Range 111.846261 to 989.633186 Mean 140.92 3234 non-missing values *Starting School*: Range 111.581384 to 6121.893154 Mean 142.91 6549 non-missing values
ssckatraim06basePLT6	Aiming Baseline (Aim Number: 5 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition) *Born in Bradford*: Range 0.780000 to 24.930000 Mean 2.22 3234 non-missing values *Starting School*: Range 0.780000 to 114.030000 Mean 2.26 6549 non-missing values

Variable	Variable Label	Details
ssckatraim06basePS6	Aiming Baseline (Aim Number: 5 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 54.677711 to 8916.373366 Mean 357.52 3233 non-missing values ——— *Starting School*: Range 54.677711 to 8925.470273 Mean 358.61 6546 non-missing values
ssckatraim06baseRT6	Aiming Baseline (Aim Number: 5 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -26.890000 to 12.300000 Mean 0.63 3218 non-missing values ——— *Starting School*: Range -41.390000 to 13.100000 Mean 0.63 6518 non-missing values

Variable	Variable Label	Details
ssckatraim06baseTPS6	Aiming Baseline (Aim Number: 5 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 5 of 50 (5th baseline target to 1st baseline target, 1st repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -26.890000 to 14.420000 Mean 1.02 3218 non-missing values ——— *Starting School*: Range -41.390000 to 94.680000 Mean 1.04 6518 non-missing values
ssckatraim07baseDT7	Aiming Baseline (Aim Number: 6 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 44.490000 Mean 0.64 3233 non-missing values ——— *Starting School*: Range 0.030000 to 44.490000 Mean 0.64 6547 non-missing values

Variable	Variable Label	Details
ssckatraim07baseMT7	Aiming Baseline (Aim Number: 6 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 44.520000 Mean 1.05 3233 non-missing values ——— *Starting School*: Range 0.100000 to 44.520000 Mean 1.06 6547 non-missing values
ssckatraim07baseNJ7	Aiming Baseline (Aim Number: 6 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 34.254507 to 1368217.360000 Mean 1970.54 3233 non-missing values ——— *Starting School*: Range 34.254507 to 2799541.124000 Mean 2583.65 6547 non-missing values

Variable	Variable Label	Details
ssckatraim07basePL7	Aiming Baseline (Aim Number: 6 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition) *Born in Bradford*: Range 110.535166 to 1422.439424 Mean 137.36 3233 non-missing values *Starting School*: Range 110.535166 to 4017.054171 Mean 139.23 6547 non-missing values
ssckatraim07basePLT7	Aiming Baseline (Aim Number: 6 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition) *Born in Bradford*: Range 0.760000 to 48.670000 Mean 2.14 3233 non-missing values *Starting School*: Range 0.760000 to 48.670000 Mean 2.15 6547 non-missing values
ssckatraim07basePS7	Aiming Baseline (Aim Number: 6 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.540842 to 9294.653786 Mean 315.75 3233 non-missing values *Starting School*: Range 58.231633 to 9294.653786 Mean 308.23 6547 non-missing values

Variable	Variable Label	Details
ssckatraim07baseRT7	Aiming Baseline (Aim Number: 6 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 4.550000 Mean 0.64 3225 non-missing values ——— *Starting School*: Range 0.020000 to 6.970000 Mean 0.64 6536 non-missing values
ssckatraim07baseTPS7	Aiming Baseline (Aim Number: 6 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 6 of 50 (1st baseline target to 2nd baseline target, 2nd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.140000 to 15.540000 Mean 1.05 3225 non-missing values ——— *Starting School*: Range 0.140000 to 16.760000 Mean 1.06 6536 non-missing values

Variable	Variable Label	Details
ssckatraim08baseDT8	Aiming Baseline (Aim Number: 7 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 10.920000 Mean 0.77 3233 non-missing values ——— *Starting School*: Range 0.040000 to 11.930000 Mean 0.78 6545 non-missing values
ssckatraim08baseMT8	Aiming Baseline (Aim Number: 7 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 30.730000 Mean 1.35 3233 non-missing values ——— *Starting School*: Range 0.060000 to 30.730000 Mean 1.36 6545 non-missing values

Variable	Variable Label	Details
ssckatraim08baseNJ8	Aiming Baseline (Aim Number: 7 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 38.780335 to 598981.755400 Mean 3008.18 3233 non-missing values *Starting School*: Range 32.864559 to 598981.755400 Mean 2806.72 6545 non-missing values
ssckatraim08basePL8	Aiming Baseline (Aim Number: 7 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition) *Born in Bradford*: Range 112.050179 to 1904.174509 Mean 161.51 3233 non-missing values *Starting School*: Range 110.968362 to 2485.256936 Mean 162.26 6545 non-missing values
ssckatraim08basePLT8	Aiming Baseline (Aim Number: 7 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition) *Born in Bradford*: Range 0.820000 to 31.520000 Mean 2.65 3233 non-missing values *Starting School*: Range 0.730000 to 31.520000 Mean 2.66 6545 non-missing values

Variable	Variable Label	Details
ssckatraim08basePS8	Aiming Baseline (Aim Number: 7 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 61.863769 to 5434.782529 Mean 346.03 3233 non-missing values ——— *Starting School*: Range 60.910460 to 5525.868386 Mean 347.22 6545 non-missing values
ssckatraim08baseRT8	Aiming Baseline (Aim Number: 7 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.980000 Mean 0.82 3220 non-missing values ——— *Starting School*: Range 0.020000 to 10.670000 Mean 0.83 6518 non-missing values

Variable	Variable Label	Details
ssckatraim08baseTPS8	Aiming Baseline (Aim Number: 7 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 7 of 50 (2nd baseline target to 3rd baseline target, 2nd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.170000 to 29.330000 Mean 1.41 3220 non-missing values ——— *Starting School*: Range 0.170000 to 29.330000 Mean 1.41 6518 non-missing values
ssckatraim09baseDT9	Aiming Baseline (Aim Number: 8 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 58.360000 Mean 0.73 3233 non-missing values ——— *Starting School*: Range 0.030000 to 58.360000 Mean 0.71 6545 non-missing values

Variable	Variable Label	Details
ssckatraim09baseMT9	Aiming Baseline (Aim Number: 8 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 58.360000 Mean 1.08 3233 non-missing values ——— *Starting School*: Range 0.060000 to 58.360000 Mean 1.05 6545 non-missing values
ssckatraim09baseNJ9	Aiming Baseline (Aim Number: 8 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 43.532317 to 4231010.430000 Mean 4122.89 3233 non-missing values ——— *Starting School*: Range 43.532317 to 4231010.430000 Mean 3326.86 6545 non-missing values

Variable	Variable Label	Details
ssckatraim09basePL9	Aiming Baseline (Aim Number: 8 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition) *Born in Bradford*: Range 109.439959 to 2925.544056 Mean 138.39 3233 non-missing values *Starting School*: Range 109.439959 to 2925.544056 Mean 137.30 6545 non-missing values
ssckatraim09basePLT9	Aiming Baseline (Aim Number: 8 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition) *Born in Bradford*: Range 0.760000 to 35.260000 Mean 2.17 3233 non-missing values *Starting School*: Range 0.760000 to 35.260000 Mean 2.14 6545 non-missing values
ssckatraim09basePS9	Aiming Baseline (Aim Number: 8 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 55.514484 to 10775.543450 Mean 356.76 3231 non-missing values *Starting School*: Range 55.514484 to 10775.543450 Mean 348.13 6543 non-missing values

Variable	Variable Label	Details
ssckatraim09baseRT9	Aiming Baseline (Aim Number: 8 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -58.360000 to 6.550000 Mean 0.61 3219 non-missing values ——— *Starting School*: Range -58.360000 to 9.100000 Mean 0.62 6524 non-missing values
ssckatraim09baseTPS9	Aiming Baseline (Aim Number: 8 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 8 of 50 (3rd baseline target to 4th baseline target, 2nd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -58.360000 to 19.600000 Mean 0.96 3219 non-missing values ——— *Starting School*: Range -58.360000 to 19.600000 Mean 0.96 6524 non-missing values

Variable	Variable Label	Details
ssckatraim10baseDT10	Aiming Baseline (Aim Number: 9 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 16.520000 Mean 0.71 3233 non-missing values ——— *Starting School*: Range 0.040000 to 32.780000 Mean 0.72 6544 non-missing values
ssckatraim10baseMT10	Aiming Baseline (Aim Number: 9 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 27.100000 Mean 1.18 3233 non-missing values ——— *Starting School*: Range 0.070000 to 49.990000 Mean 1.19 6544 non-missing values

Variable	Variable Label	Details
ssckatraim10baseNJ10	Aiming Baseline (Aim Number: 9 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 88.636243 to 491480.053800 Mean 3245.11 3233 non-missing values *Starting School*: Range 88.636243 to 2600053.715000 Mean 3767.02 6544 non-missing values
ssckatraim10basePL10	Aiming Baseline (Aim Number: 9 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition) *Born in Bradford*: Range 110.015619 to 3404.160590 Mean 149.59 3233 non-missing values *Starting School*: Range 110.015619 to 5204.051857 Mean 149.25 6544 non-missing values
ssckatraim10basePLT10	Aiming Baseline (Aim Number: 9 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition) *Born in Bradford*: Range 0.950000 to 28.980000 Mean 2.40 3233 non-missing values *Starting School*: Range 0.950000 to 50.890000 Mean 2.40 6544 non-missing values

Variable	Variable Label	Details
ssckatraim10basePS10	Aiming Baseline (Aim Number: 9 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 64.050162 to 5829.275892 Mean 332.71 3233 non-missing values *Starting School*: Range 62.850508 to 5919.732257 Mean 338.31 6543 non-missing values
ssckatraim10baseRT10	Aiming Baseline (Aim Number: 9 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 8.550000 Mean 0.75 3221 non-missing values *Starting School*: Range -32.780000 to 10.330000 Mean 0.74 6512 non-missing values

Variable	Variable Label	Details
ssckatraim10baseTPS10	Aiming Baseline (Aim Number: 9 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 9 of 50 (4th baseline target to 5th baseline target, 2nd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 21.320000 Mean 1.22 3221 non-missing values ——— *Starting School*: Range -32.780000 to 41.900000 Mean 1.21 6512 non-missing values
ssckatraim11baseDT11	Aiming Baseline (Aim Number: 10 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 80.020000 Mean 0.74 3233 non-missing values ——— *Starting School*: Range 0.030000 to 80.020000 Mean 0.71 6544 non-missing values

Variable	Variable Label	Details
ssckatraim11baseMT11	Aiming Baseline (Aim Number: 10 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 80.020000 Mean 1.10 3233 non-missing values ——— *Starting School*: Range 0.070000 to 80.020000 Mean 1.08 6544 non-missing values
ssckatraim11baseNJ11	Aiming Baseline (Aim Number: 10 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 85.468421 to 573078.232700 Mean 3275.77 3233 non-missing values ——— *Starting School*: Range 75.478285 to 1357392.463000 Mean 3217.34 6544 non-missing values

Variable	Variable Label	Details
ssckatraim11basePL11	Aiming Baseline (Aim Number: 10 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition) *Born in Bradford*: Range 112.338512 to 1414.161736 Mean 142.00 3233 non-missing values *Starting School*: Range 111.895557 to 1679.717145 Mean 141.72 6544 non-missing values
ssckatraim11basePLT11	Aiming Baseline (Aim Number: 10 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition) *Born in Bradford*: Range 0.880000 to 21.760000 Mean 2.21 3233 non-missing values *Starting School*: Range 0.740000 to 21.980000 Mean 2.20 6544 non-missing values
ssckatraim11basePS11	Aiming Baseline (Aim Number: 10 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 63.006077 to 8956.787085 Mean 360.26 3231 non-missing values *Starting School*: Range 56.806441 to 8997.773762 Mean 369.33 6542 non-missing values

Variable	Variable Label	Details
ssckatraim11baseRT11	Aiming Baseline (Aim Number: 10 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -80.020000 to 9.360000 Mean 0.62 3223 non-missing values ——— *Starting School*: Range -80.020000 to 9.360000 Mean 0.63 6520 non-missing values
ssckatraim11baseTPS11	Aiming Baseline (Aim Number: 10 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 10 of 50 (5th baseline target to 1st baseline target, 2nd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -80.020000 to 9.990000 Mean 0.99 3223 non-missing values ——— *Starting School*: Range -80.020000 to 9.990000 Mean 1.00 6520 non-missing values

Variable	Variable Label	Details
ssckatraim12baseDT12	Aiming Baseline (Aim Number: 11 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 75.680000 Mean 0.67 3231 non-missing values ——— *Starting School*: Range 0.030000 to 83.210000 Mean 0.66 6541 non-missing values
ssckatraim12baseMT12	Aiming Baseline (Aim Number: 11 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 75.680000 Mean 1.06 3231 non-missing values ——— *Starting School*: Range 0.070000 to 83.210000 Mean 1.06 6541 non-missing values

Variable	Variable Label	Details
ssckatraim12baseNJ12	Aiming Baseline (Aim Number: 11 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 39.655557 to 3098157.444000 Mean 2140.55 3231 non-missing values *Starting School*: Range 39.655557 to 3098157.444000 Mean 2243.83 6541 non-missing values
ssckatraim12basePL12	Aiming Baseline (Aim Number: 11 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition) *Born in Bradford*: Range 110.605609 to 1826.924441 Mean 139.19 3231 non-missing values *Starting School*: Range 110.605609 to 1826.924441 Mean 139.05 6541 non-missing values
ssckatraim12basePLT12	Aiming Baseline (Aim Number: 11 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition) *Born in Bradford*: Range 0.920000 to 72.530000 Mean 2.13 3231 non-missing values *Starting School*: Range 0.900000 to 72.530000 Mean 2.13 6541 non-missing values

Variable	Variable Label	Details
ssckatraim12basePS12	Aiming Baseline (Aim Number: 11 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 54.940664 to 9239.918594 Mean 320.62 3229 non-missing values ——— *Starting School*: Range 54.940664 to 9239.918594 Mean 324.37 6537 non-missing values
ssckatraim12baseRT12	Aiming Baseline (Aim Number: 11 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -75.680000 to 6.200000 Mean 0.62 3222 non-missing values ——— *Starting School*: Range -83.210000 to 11.810000 Mean 0.62 6523 non-missing values

Variable	Variable Label	Details
ssckatraim12baseTPS12	Aiming Baseline (Aim Number: 11 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 11 of 50 (1st baseline target to 2nd baseline target, 3rd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -75.680000 to 15.400000 Mean 1.01 3222 non-missing values ——— *Starting School*: Range -83.210000 to 18.260000 Mean 1.02 6523 non-missing values
ssckatraim13baseDT13	Aiming Baseline (Aim Number: 12 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 20.630000 Mean 0.78 3231 non-missing values ——— *Starting School*: Range 0.040000 to 93.090000 Mean 0.81 6540 non-missing values

Variable	Variable Label	Details
ssckatraim13baseMT13	Aiming Baseline (Aim Number: 12 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.080000 to 41.280000 Mean 1.36 3231 non-missing values ——— *Starting School*: Range 0.080000 to 93.090000 Mean 1.38 6540 non-missing values
ssckatraim13baseNJ13	Aiming Baseline (Aim Number: 12 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 67.370754 to 556009.350900 Mean 2457.73 3231 non-missing values ——— *Starting School*: Range 46.978613 to 556009.350900 Mean 2330.26 6540 non-missing values

Variable	Variable Label	Details
ssckatraim13basePL13	Aiming Baseline (Aim Number: 12 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition) *Born in Bradford*: Range 111.631786 to 6475.459130 Mean 166.70 3231 non-missing values *Starting School*: Range 109.168732 to 7211.215256 Mean 166.53 6540 non-missing values
ssckatraim13basePLT13	Aiming Baseline (Aim Number: 12 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition) *Born in Bradford*: Range 0.970000 to 42.750000 Mean 2.66 3231 non-missing values *Starting School*: Range 0.950000 to 42.750000 Mean 2.67 6540 non-missing values
ssckatraim13basePS13	Aiming Baseline (Aim Number: 12 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 56.234268 to 5496.649011 Mean 349.90 3231 non-missing values *Starting School*: Range 56.234268 to 6546.074975 Mean 353.23 6539 non-missing values

Variable	Variable Label	Details
ssckatraim13baseRT13	Aiming Baseline (Aim Number: 12 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 16.160000 Mean 0.82 3219 non-missing values ——— *Starting School*: Range -93.090000 to 16.160000 Mean 0.81 6515 non-missing values
ssckatraim13baseTPS13	Aiming Baseline (Aim Number: 12 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 12 of 50 (2nd baseline target to 3rd baseline target, 3rd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.180000 to 37.540000 Mean 1.40 3219 non-missing values ——— *Starting School*: Range -93.090000 to 37.540000 Mean 1.39 6515 non-missing values

Variable	Variable Label	Details
ssckatraim14baseDT14	Aiming Baseline (Aim Number: 13 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 88.580000 Mean 0.73 3231 non-missing values ——— *Starting School*: Range 0.040000 to 88.580000 Mean 0.70 6540 non-missing values
ssckatraim14baseMT14	Aiming Baseline (Aim Number: 13 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 88.580000 Mean 1.06 3231 non-missing values ——— *Starting School*: Range 0.080000 to 88.580000 Mean 1.04 6540 non-missing values

Variable	Variable Label	Details
ssckatraim14baseNJ14	Aiming Baseline (Aim Number: 13 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 94.598639 to 466831.465500 Mean 2765.05 3231 non-missing values *Starting School*: Range 68.580357 to 884665.217900 Mean 2777.81 6540 non-missing values
ssckatraim14basePL14	Aiming Baseline (Aim Number: 13 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition) *Born in Bradford*: Range 110.916802 to 2059.499917 Mean 137.49 3231 non-missing values *Starting School*: Range 110.481759 to 2143.532191 Mean 137.33 6540 non-missing values
ssckatraim14basePLT14	Aiming Baseline (Aim Number: 13 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition) *Born in Bradford*: Range 0.880000 to 21.320000 Mean 2.15 3231 non-missing values *Starting School*: Range 0.880000 to 22.650000 Mean 2.15 6540 non-missing values

Variable	Variable Label	Details
ssckatraim14basePS14	Aiming Baseline (Aim Number: 13 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 62.933966 to 10739.779610 Mean 379.22 3230 non-missing values *Starting School*: Range 59.753651 to 10795.674190 Mean 368.64 6539 non-missing values
ssckatraim14baseRT14	Aiming Baseline (Aim Number: 13 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -88.580000 to 11.910000 Mean 0.63 3215 non-missing values *Starting School*: Range -88.580000 to 11.910000 Mean 0.64 6514 non-missing values

Variable	Variable Label	Details
ssckatraim14baseTPS14	Aiming Baseline (Aim Number: 13 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 13 of 50 (3rd baseline target to 4th baseline target, 3rd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -88.580000 to 14.130000 Mean 0.96 3215 non-missing values ——— *Starting School*: Range -88.580000 to 20.180000 Mean 0.98 6514 non-missing values
ssckatraim15baseDT15	Aiming Baseline (Aim Number: 14 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 16.510000 Mean 0.71 3231 non-missing values ——— *Starting School*: Range 0.040000 to 61.340000 Mean 0.72 6540 non-missing values

Variable	Variable Label	Details
ssckatraim15baseMT15	Aiming Baseline (Aim Number: 14 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.130000 to 52.520000 Mean 1.18 3231 non-missing values *Starting School*: Range 0.130000 to 61.340000 Mean 1.19 6540 non-missing values
ssckatraim15baseNJ15	Aiming Baseline (Aim Number: 14 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 115.162311 to 1044974.136000 Mean 3691.88 3231 non-missing values *Starting School*: Range 115.162311 to 1044974.136000 Mean 3315.66 6540 non-missing values

Variable	Variable Label	Details
ssckatraim15basePL15	Aiming Baseline (Aim Number: 14 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition) *Born in Bradford*: Range 110.660330 to 1669.778827 Mean 149.93 3231 non-missing values *Starting School*: Range 110.660330 to 1918.848697 Mean 149.45 6540 non-missing values
ssckatraim15basePLT15	Aiming Baseline (Aim Number: 14 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition) *Born in Bradford*: Range 0.960000 to 52.880000 Mean 2.40 3231 non-missing values *Starting School*: Range 0.900000 to 52.880000 Mean 2.39 6540 non-missing values
ssckatraim15basePS15	Aiming Baseline (Aim Number: 14 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 65.174139 to 5777.647180 Mean 346.28 3231 non-missing values *Starting School*: Range 65.174139 to 5777.647180 Mean 341.17 6538 non-missing values

Variable	Variable Label	Details
ssckatraim15baseRT15	Aiming Baseline (Aim Number: 14 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 9.660000 Mean 0.75 3218 non-missing values ——— *Starting School*: Range -61.340000 to 9.660000 Mean 0.74 6516 non-missing values
ssckatraim15baseTPS15	Aiming Baseline (Aim Number: 14 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 14 of 50 (4th baseline target to 5th baseline target, 3rd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.200000 to 36.180000 Mean 1.22 3218 non-missing values ——— *Starting School*: Range -61.340000 to 36.180000 Mean 1.21 6516 non-missing values

Variable	Variable Label	Details
ssckatraim16baseDT16	Aiming Baseline (Aim Number: 15 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 19.190000 Mean 0.68 3231 non-missing values ——— *Starting School*: Range 0.040000 to 24.720000 Mean 0.68 6540 non-missing values
ssckatraim16baseMT16	Aiming Baseline (Aim Number: 15 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 33.340000 Mean 1.08 3231 non-missing values ——— *Starting School*: Range 0.100000 to 33.340000 Mean 1.08 6540 non-missing values

Variable	Variable Label	Details
ssckatraim16baseNJ16	Aiming Baseline (Aim Number: 15 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 84.194380 to 454036.355100 Mean 2978.34 3231 non-missing values *Starting School*: Range 84.194380 to 1322644.452000 Mean 2992.58 6540 non-missing values
ssckatraim16basePL16	Aiming Baseline (Aim Number: 15 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition) *Born in Bradford*: Range 110.122476 to 3850.074401 Mean 144.41 3231 non-missing values *Starting School*: Range 110.122476 to 3850.074401 Mean 143.97 6540 non-missing values
ssckatraim16basePLT16	Aiming Baseline (Aim Number: 15 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition) *Born in Bradford*: Range 0.950000 to 33.750000 Mean 2.22 3231 non-missing values *Starting School*: Range 0.950000 to 33.750000 Mean 2.21 6540 non-missing values

Variable	Variable Label	Details
ssckatraim16basePS16	Aiming Baseline (Aim Number: 15 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 63.213899 to 8895.904951 Mean 350.09 3231 non-missing values ——— *Starting School*: Range 62.729201 to 8934.489233 Mean 362.46 6540 non-missing values
ssckatraim16baseRT16	Aiming Baseline (Aim Number: 15 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.180000 Mean 0.66 3225 non-missing values ——— *Starting School*: Range 0.020000 to 7.180000 Mean 0.66 6520 non-missing values

Variable	Variable Label	Details
ssckatraim16baseTPS16	Aiming Baseline (Aim Number: 15 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 15 of 50 (5th baseline target to 1st baseline target, 3rd repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.190000 to 32.930000 Mean 1.06 3225 non-missing values ——— *Starting School*: Range 0.190000 to 32.930000 Mean 1.06 6520 non-missing values
ssckatraim17baseDT17	Aiming Baseline (Aim Number: 16 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 55.700000 Mean 0.64 3231 non-missing values ——— *Starting School*: Range 0.030000 to 55.700000 Mean 0.63 6540 non-missing values

Variable	Variable Label	Details
ssckatraim17baseMT17	Aiming Baseline (Aim Number: 16 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 55.700000 Mean 1.05 3231 non-missing values ——— *Starting School*: Range 0.060000 to 55.700000 Mean 1.04 6540 non-missing values
ssckatraim17baseNJ17	Aiming Baseline (Aim Number: 16 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 50.316859 to 365037.849900 Mean 1356.68 3231 non-missing values ——— *Starting School*: Range 40.642003 to 442678.798900 Mean 1376.54 6540 non-missing values

Variable	Variable Label	Details
ssckatraim17basePL17	Aiming Baseline (Aim Number: 16 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition) *Born in Bradford*: Range 111.637322 to 1283.824541 Mean 140.72 3231 non-missing values *Starting School*: Range 110.638846 to 3939.416238 Mean 140.97 6540 non-missing values
ssckatraim17basePLT17	Aiming Baseline (Aim Number: 16 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition) *Born in Bradford*: Range 0.920000 to 28.130000 Mean 2.16 3231 non-missing values *Starting School*: Range 0.870000 to 37.300000 Mean 2.14 6540 non-missing values
ssckatraim17basePS17	Aiming Baseline (Aim Number: 16 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.634120 to 9223.127423 Mean 324.84 3230 non-missing values *Starting School*: Range 60.634120 to 9223.127423 Mean 334.87 6539 non-missing values

Variable	Variable Label	Details
ssckatraim17baseRT17	Aiming Baseline (Aim Number: 16 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -55.700000 to 13.290000 Mean 0.66 3223 non-missing values ——— *Starting School*: Range -55.700000 to 13.290000 Mean 0.66 6522 non-missing values
ssckatraim17baseTPS17	Aiming Baseline (Aim Number: 16 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 16 of 50 (1st baseline target to 2nd baseline target, 4th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -55.700000 to 14.710000 Mean 1.06 3223 non-missing values ——— *Starting School*: Range -55.700000 to 14.710000 Mean 1.06 6522 non-missing values

Variable	Variable Label	Details
ssckatraim18baseDT18	Aiming Baseline (Aim Number: 17 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 38.510000 Mean 0.79 3231 non-missing values ——— *Starting School*: Range 0.030000 to 38.510000 Mean 0.78 6539 non-missing values
ssckatraim18baseMT18	Aiming Baseline (Aim Number: 17 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 43.690000 Mean 1.34 3231 non-missing values ——— *Starting School*: Range 0.100000 to 43.690000 Mean 1.35 6539 non-missing values

Variable	Variable Label	Details
ssckatraim18baseNJ18	Aiming Baseline (Aim Number: 17 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 51.970377 to 276536.801000 Mean 2109.16 3231 non-missing values *Starting School*: Range 35.292058 to 819817.632200 Mean 2428.71 6539 non-missing values
ssckatraim18basePL18	Aiming Baseline (Aim Number: 17 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition) *Born in Bradford*: Range 111.517752 to 8910.525895 Mean 165.07 3231 non-missing values *Starting School*: Range 111.517752 to 8910.525895 Mean 163.51 6539 non-missing values
ssckatraim18basePLT18	Aiming Baseline (Aim Number: 17 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition) *Born in Bradford*: Range 0.940000 to 44.100000 Mean 2.65 3231 non-missing values *Starting School*: Range 0.850000 to 44.100000 Mean 2.66 6539 non-missing values

Variable	Variable Label	Details
ssckatraim18basePS18	Aiming Baseline (Aim Number: 17 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 65.785736 to 5561.888067 Mean 339.49 3231 non-missing values ——— *Starting School*: Range 57.171402 to 5561.888067 Mean 348.37 6539 non-missing values
ssckatraim18baseRT18	Aiming Baseline (Aim Number: 17 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 10.450000 Mean 0.83 3222 non-missing values ——— *Starting School*: Range 0.020000 to 11.690000 Mean 0.83 6520 non-missing values

Variable	Variable Label	Details
ssckatraim18baseTPS18	Aiming Baseline (Aim Number: 17 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 17 of 50 (2nd baseline target to 3rd baseline target, 4th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.090000 to 16.720000 Mean 1.39 3222 non-missing values ——— *Starting School*: Range 0.090000 to 16.720000 Mean 1.40 6520 non-missing values
ssckatraim19baseDT19	Aiming Baseline (Aim Number: 18 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 54.870000 Mean 0.69 3231 non-missing values ——— *Starting School*: Range 0.040000 to 54.870000 Mean 0.69 6539 non-missing values

Variable	Variable Label	Details
ssckatraim19baseMT19	Aiming Baseline (Aim Number: 18 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.110000 to 54.870000 Mean 1.05 3231 non-missing values *Starting School*: Range 0.080000 to 54.870000 Mean 1.05 6539 non-missing values
ssckatraim19baseNJ19	Aiming Baseline (Aim Number: 18 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 62.024063 to 1340844.531000 Mean 2635.26 3231 non-missing values *Starting School*: Range 62.024063 to 1340844.531000 Mean 2547.23 6539 non-missing values

Variable	Variable Label	Details
ssckatraim19basePL19	Aiming Baseline (Aim Number: 18 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition) *Born in Bradford*: Range 111.210180 to 8961.726200 Mean 141.67 3231 non-missing values *Starting School*: Range 109.603982 to 8961.726200 Mean 140.95 6539 non-missing values
ssckatraim19basePLT19	Aiming Baseline (Aim Number: 18 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition) *Born in Bradford*: Range 0.880000 to 55.020000 Mean 2.17 3231 non-missing values *Starting School*: Range 0.880000 to 55.020000 Mean 2.16 6539 non-missing values
ssckatraim19basePS19	Aiming Baseline (Aim Number: 18 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 66.695707 to 10697.627050 Mean 368.71 3231 non-missing values *Starting School*: Range 65.110545 to 10697.627050 Mean 373.89 6539 non-missing values

Variable	Variable Label	Details
ssckatraim19baseRT19	Aiming Baseline (Aim Number: 18 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 6.680000 Mean 0.65 3218 non-missing values ——— *Starting School*: Range 0.020000 to 7.410000 Mean 0.64 6513 non-missing values
ssckatraim19baseTPS19	Aiming Baseline (Aim Number: 18 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 18 of 50 (3rd baseline target to 4th baseline target, 4th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.230000 to 28.940000 Mean 1.01 3218 non-missing values ——— *Starting School*: Range 0.230000 to 28.940000 Mean 1.01 6513 non-missing values

Variable	Variable Label	Details
ssckatraim20baseDT20	Aiming Baseline (Aim Number: 19 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 22.010000 Mean 0.71 3231 non-missing values ——— *Starting School*: Range 0.040000 to 136.480000 Mean 0.72 6537 non-missing values
ssckatraim20baseMT20	Aiming Baseline (Aim Number: 19 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.080000 to 37.790000 Mean 1.20 3231 non-missing values ——— *Starting School*: Range 0.080000 to 136.480000 Mean 1.20 6537 non-missing values

Variable	Variable Label	Details
ssckatraim20baseNJ20	Aiming Baseline (Aim Number: 19 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 90.948876 to 1543272.639000 Mean 4413.65 3231 non-missing values *Starting School*: Range 90.948876 to 1543272.639000 Mean 3785.97 6537 non-missing values
ssckatraim20basePL20	Aiming Baseline (Aim Number: 19 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition) *Born in Bradford*: Range 113.298516 to 1638.166191 Mean 150.66 3231 non-missing values *Starting School*: Range 111.580954 to 2061.660624 Mean 149.89 6537 non-missing values
ssckatraim20basePLT20	Aiming Baseline (Aim Number: 19 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition) *Born in Bradford*: Range 1.010000 to 38.460000 Mean 2.41 3231 non-missing values *Starting School*: Range 0.930000 to 38.460000 Mean 2.39 6537 non-missing values

Variable	Variable Label	Details
ssckatraim20basePS20	Aiming Baseline (Aim Number: 19 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 63.919582 to 5818.433584 Mean 353.03 3231 non-missing values ——— *Starting School*: Range 63.919582 to 5818.433584 Mean 349.30 6536 non-missing values
ssckatraim20baseRT20	Aiming Baseline (Aim Number: 19 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 6.290000 Mean 0.74 3212 non-missing values ——— *Starting School*: Range -136.480000 to 6.440000 Mean 0.72 6508 non-missing values

Variable	Variable Label	Details
ssckatraim20baseTPS20	Aiming Baseline (Aim Number: 19 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 19 of 50 (4th baseline target to 5th baseline target, 4th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.210000 to 38.080000 Mean 1.23 3212 non-missing values ——— *Starting School*: Range -136.480000 to 38.080000 Mean 1.20 6508 non-missing values
ssckatraim21baseDT21	Aiming Baseline (Aim Number: 20 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 104.330000 Mean 0.71 3231 non-missing values ——— *Starting School*: Range 0.040000 to 104.330000 Mean 0.70 6537 non-missing values

Variable	Variable Label	Details
ssckatraim21baseMT21	Aiming Baseline (Aim Number: 20 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 104.330000 Mean 1.11 3231 non-missing values ——— *Starting School*: Range 0.100000 to 104.330000 Mean 1.09 6537 non-missing values
ssckatraim21baseNJ21	Aiming Baseline (Aim Number: 20 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 103.986248 to 661878.036300 Mean 2895.64 3231 non-missing values ——— *Starting School*: Range 77.424988 to 3094222.142000 Mean 4154.20 6537 non-missing values

Variable	Variable Label	Details
ssckatraim21basePL21	Aiming Baseline (Aim Number: 20 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition) *Born in Bradford*: Range 112.009555 to 1299.605394 Mean 143.65 3231 non-missing values *Starting School*: Range 111.068058 to 4825.737314 Mean 143.60 6537 non-missing values
ssckatraim21basePLT21	Aiming Baseline (Aim Number: 20 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition) *Born in Bradford*: Range 0.970000 to 15.500000 Mean 2.23 3231 non-missing values *Starting School*: Range 0.910000 to 36.120000 Mean 2.23 6537 non-missing values
ssckatraim21basePS21	Aiming Baseline (Aim Number: 20 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 69.300291 to 8915.656990 Mean 366.73 3230 non-missing values *Starting School*: Range 69.300291 to 8921.016328 Mean 380.44 6536 non-missing values

Variable	Variable Label	Details
ssckatraim21baseRT21	Aiming Baseline (Aim Number: 20 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -104.330000 to 10.670000 Mean 0.64 3218 non-missing values ——— *Starting School*: Range -104.330000 to 11.570000 Mean 0.66 6508 non-missing values
ssckatraim21baseTPS21	Aiming Baseline (Aim Number: 20 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 20 of 50 (5th baseline target to 1st baseline target, 4th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -104.330000 to 12.390000 Mean 1.04 3218 non-missing values ——— *Starting School*: Range -104.330000 to 20.030000 Mean 1.05 6508 non-missing values

Variable	Variable Label	Details
ssckatraim22baseDT22	Aiming Baseline (Aim Number: 21 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 120.150000 Mean 0.65 3231 non-missing values ——— *Starting School*: Range 0.030000 to 120.150000 Mean 0.63 6536 non-missing values
ssckatraim22baseMT22	Aiming Baseline (Aim Number: 21 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.140000 to 121.090000 Mean 1.05 3231 non-missing values ——— *Starting School*: Range 0.070000 to 121.090000 Mean 1.04 6536 non-missing values

Variable	Variable Label	Details
ssckatraim22baseNJ22	Aiming Baseline (Aim Number: 21 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 38.408800 to 3553689.146000 Mean 2356.46 3231 non-missing values *Starting School*: Range 24.215262 to 3553689.146000 Mean 1892.17 6536 non-missing values
ssckatraim22basePL22	Aiming Baseline (Aim Number: 21 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition) *Born in Bradford*: Range 109.677865 to 1482.676366 Mean 140.97 3231 non-missing values *Starting School*: Range 109.677865 to 6540.541523 Mean 141.33 6536 non-missing values
ssckatraim22basePLT22	Aiming Baseline (Aim Number: 21 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition) *Born in Bradford*: Range 0.950000 to 123.120000 Mean 2.17 3231 non-missing values *Starting School*: Range 0.830000 to 123.120000 Mean 2.15 6536 non-missing values

Variable	Variable Label	Details
ssckatraim22basePS22	Aiming Baseline (Aim Number: 21 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 63.602313 to 9251.876443 Mean 322.41 3231 non-missing values ——— *Starting School*: Range 57.957725 to 9338.546370 Mean 335.50 6536 non-missing values
ssckatraim22baseRT22	Aiming Baseline (Aim Number: 21 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 18.820000 Mean 0.67 3225 non-missing values ——— *Starting School*: Range 0.020000 to 18.820000 Mean 0.66 6517 non-missing values

Variable	Variable Label	Details
ssckatraim22baseTPS22	Aiming Baseline (Aim Number: 21 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 21 of 50 (1st baseline target to 2nd baseline target, 5th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.230000 to 18.930000 Mean 1.08 3225 non-missing values ——— *Starting School*: Range 0.230000 to 23.350000 Mean 1.07 6517 non-missing values
ssckatraim23baseDT23	Aiming Baseline (Aim Number: 22 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 48.160000 Mean 0.78 3231 non-missing values ——— *Starting School*: Range 0.040000 to 48.160000 Mean 0.76 6536 non-missing values

Variable	Variable Label	Details
ssckatraim23baseMT23	Aiming Baseline (Aim Number: 22 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.080000 to 48.160000 Mean 1.34 3231 non-missing values ——— *Starting School*: Range 0.080000 to 48.160000 Mean 1.32 6536 non-missing values
ssckatraim23baseNJ23	Aiming Baseline (Aim Number: 22 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 37.878460 to 540123.604900 Mean 1859.40 3231 non-missing values ——— *Starting School*: Range 37.878460 to 540123.604900 Mean 1880.18 6536 non-missing values

Variable	Variable Label	Details
ssckatraim23basePL23	Aiming Baseline (Aim Number: 22 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition) *Born in Bradford*: Range 110.747289 to 1668.062249 Mean 163.06 3231 non-missing values *Starting School*: Range 110.747289 to 1668.062249 Mean 161.71 6536 non-missing values
ssckatraim23basePLT23	Aiming Baseline (Aim Number: 22 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition) *Born in Bradford*: Range 0.890000 to 21.910000 Mean 2.60 3231 non-missing values *Starting School*: Range 0.890000 to 21.910000 Mean 2.59 6536 non-missing values
ssckatraim23basePS23	Aiming Baseline (Aim Number: 22 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 65.179737 to 5406.185916 Mean 345.18 3230 non-missing values *Starting School*: Range 60.251121 to 5538.649087 Mean 342.67 6535 non-missing values

Variable	Variable Label	Details
ssckatraim23baseRT23	Aiming Baseline (Aim Number: 22 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -48.160000 to 10.010000 Mean 0.77 3218 non-missing values ——— *Starting School*: Range -48.160000 to 10.010000 Mean 0.79 6514 non-missing values
ssckatraim23baseTPS23	Aiming Baseline (Aim Number: 22 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 22 of 50 (2nd baseline target to 3rd baseline target, 5th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -48.160000 to 16.060000 Mean 1.33 3218 non-missing values ——— *Starting School*: Range -48.160000 to 16.060000 Mean 1.35 6514 non-missing values

Variable	Variable Label	Details
ssckatraim24baseDT24	Aiming Baseline (Aim Number: 23 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 73.190000 Mean 0.71 3230 non-missing values ——— *Starting School*: Range 0.040000 to 73.190000 Mean 0.70 6534 non-missing values
ssckatraim24baseMT24	Aiming Baseline (Aim Number: 23 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 73.190000 Mean 1.08 3230 non-missing values ——— *Starting School*: Range 0.100000 to 73.190000 Mean 1.05 6534 non-missing values

Variable	Variable Label	Details
ssckatraim24baseNJ24	Aiming Baseline (Aim Number: 23 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 40.062281 to 349906.757500 Mean 2184.74 3230 non-missing values *Starting School*: Range 40.062281 to 557509.483000 Mean 2116.85 6534 non-missing values
ssckatraim24basePL24	Aiming Baseline (Aim Number: 23 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition) *Born in Bradford*: Range 110.205394 to 1800.995801 Mean 140.39 3230 non-missing values *Starting School*: Range 110.130983 to 1800.995801 Mean 138.87 6534 non-missing values
ssckatraim24basePLT24	Aiming Baseline (Aim Number: 23 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition) *Born in Bradford*: Range 0.830000 to 32.220000 Mean 2.16 3230 non-missing values *Starting School*: Range 0.830000 to 32.220000 Mean 2.15 6534 non-missing values

Variable	Variable Label	Details
ssckatraim24basePS24	Aiming Baseline (Aim Number: 23 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 58.040001 to 10598.444610 Mean 366.06 3229 non-missing values ——— *Starting School*: Range 58.040001 to 10711.578010 Mean 367.46 6533 non-missing values
ssckatraim24baseRT24	Aiming Baseline (Aim Number: 23 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -73.190000 to 7.610000 Mean 0.62 3219 non-missing values ——— *Starting School*: Range -73.190000 to 8.680000 Mean 0.63 6511 non-missing values

Variable	Variable Label	Details
ssckatraim24baseTPS24	Aiming Baseline (Aim Number: 23 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 23 of 50 (3rd baseline target to 4th baseline target, 5th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -73.190000 to 31.570000 Mean 0.99 3219 non-missing values ——— *Starting School*: Range -73.190000 to 31.570000 Mean 0.98 6511 non-missing values
ssckatraim25baseDT25	Aiming Baseline (Aim Number: 24 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 14.750000 Mean 0.70 3229 non-missing values ——— *Starting School*: Range 0.050000 to 86.600000 Mean 0.71 6533 non-missing values

Variable	Variable Label	Details
ssckatraim25baseMT25	Aiming Baseline (Aim Number: 24 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.110000 to 19.450000 Mean 1.15 3229 non-missing values *Starting School*: Range 0.110000 to 86.600000 Mean 1.16 6533 non-missing values
ssckatraim25baseNJ25	Aiming Baseline (Aim Number: 24 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 75.673963 to 1757366.173000 Mean 3070.99 3229 non-missing values *Starting School*: Range 74.399164 to 1757366.173000 Mean 3290.02 6533 non-missing values

Variable	Variable Label	Details
ssckatraim25basePL25	Aiming Baseline (Aim Number: 24 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition) *Born in Bradford*: Range 111.864164 to 1417.674847 Mean 149.84 3229 non-missing values *Starting School*: Range 111.864164 to 1417.674847 Mean 149.00 6533 non-missing values
ssckatraim25basePLT25	Aiming Baseline (Aim Number: 24 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition) *Born in Bradford*: Range 0.880000 to 20.140000 Mean 2.34 3229 non-missing values *Starting School*: Range 0.880000 to 23.820000 Mean 2.35 6533 non-missing values
ssckatraim25basePS25	Aiming Baseline (Aim Number: 24 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 73.412146 to 5780.822346 Mean 343.62 3229 non-missing values *Starting School*: Range 63.470226 to 5930.475858 Mean 350.88 6532 non-missing values

Variable	Variable Label	Details
ssckatraim25baseRT25	Aiming Baseline (Aim Number: 24 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 6.390000 Mean 0.72 3219 non-missing values *Starting School*: Range -86.600000 to 17.640000 Mean 0.72 6508 non-missing values
ssckatraim25baseTPS25	Aiming Baseline (Aim Number: 24 of 50) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for baseline movement Number 24 of 50 (4th baseline target to 5th baseline target, 5th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.070000 to 14.090000 Mean 1.18 3219 non-missing values *Starting School*: Range -86.600000 to 17.880000 Mean 1.17 6508 non-missing values

Variable	Variable Label	Details
ssckatraim26baseDT26	Aiming Baseline (Aim Number: 25 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 158.400000 Mean 0.74 3228 non-missing values ——— *Starting School*: Range 0.040000 to 158.400000 Mean 0.72 6531 non-missing values
ssckatraim26baseMT26	Aiming Baseline (Aim Number: 25 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 158.400000 Mean 1.14 3228 non-missing values ——— *Starting School*: Range 0.100000 to 158.400000 Mean 1.11 6531 non-missing values

Variable	Variable Label	Details
ssckatraim26baseNJ26	Aiming Baseline (Aim Number: 25 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 67.572374 to 387972.665200 Mean 2764.40 3228 non-missing values *Starting School*: Range 67.572374 to 35823361.850000 Mean 8286.81 6531 non-missing values
ssckatraim26basePL26	Aiming Baseline (Aim Number: 25 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition) *Born in Bradford*: Range 111.563994 to 8425.693084 Mean 146.57 3228 non-missing values *Starting School*: Range 111.563994 to 8425.693084 Mean 144.67 6531 non-missing values
ssckatraim26basePLT26	Aiming Baseline (Aim Number: 25 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition) *Born in Bradford*: Range 0.970000 to 29.470000 Mean 2.20 3228 non-missing values *Starting School*: Range 0.920000 to 115.070000 Mean 2.21 6531 non-missing values

Variable	Variable Label	Details
ssckatraim26basePS26	Aiming Baseline (Aim Number: 25 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 64.371842 to 8979.452769 Mean 357.20 3227 non-missing values *Starting School*: Range 55.763777 to 9063.288853 Mean 375.44 6530 non-missing values
ssckatraim26baseRT26	Aiming Baseline (Aim Number: 25 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -158.400000 to 6.590000 Mean 0.59 3219 non-missing values *Starting School*: Range -158.400000 to 49.310000 Mean 0.63 6505 non-missing values

Variable	Variable Label	Details
ssckatraim26baseTPS26	Aiming Baseline (Aim Number: 25 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 25 of 50 (5th baseline target to 1st baseline target, 5th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -158.400000 to 19.150000 Mean 0.99 3219 non-missing values ——— *Starting School*: Range -158.400000 to 49.400000 Mean 1.03 6505 non-missing values
ssckatraim27baseDT27	Aiming Baseline (Aim Number: 26 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 8.920000 Mean 0.61 3226 non-missing values ——— *Starting School*: Range 0.040000 to 112.190000 Mean 0.63 6528 non-missing values

Variable	Variable Label	Details
ssckatraim27baseMT27	Aiming Baseline (Aim Number: 26 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 23.860000 Mean 1.03 3226 non-missing values ——— *Starting School*: Range 0.130000 to 112.190000 Mean 1.04 6528 non-missing values
ssckatraim27baseNJ27	Aiming Baseline (Aim Number: 26 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 34.690407 to 221661.848200 Mean 1014.63 3226 non-missing values ——— *Starting School*: Range 34.690407 to 563238.802200 Mean 1208.93 6528 non-missing values

Variable	Variable Label	Details
ssckatraim27basePL27	Aiming Baseline (Aim Number: 26 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition) *Born in Bradford*: Range 111.025797 to 1134.487835 Mean 141.23 3226 non-missing values *Starting School*: Range 111.025797 to 1180.323761 Mean 141.02 6528 non-missing values
ssckatraim27basePLT27	Aiming Baseline (Aim Number: 26 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition) *Born in Bradford*: Range 0.890000 to 24.620000 Mean 2.13 3226 non-missing values *Starting School*: Range 0.890000 to 24.620000 Mean 2.12 6528 non-missing values
ssckatraim27basePS27	Aiming Baseline (Aim Number: 26 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 63.514769 to 9327.825827 Mean 327.04 3226 non-missing values *Starting School*: Range 63.514769 to 9327.825827 Mean 334.15 6527 non-missing values

Variable	Variable Label	Details
ssckatraim27baseRT27	Aiming Baseline (Aim Number: 26 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 7.220000 Mean 0.65 3219 non-missing values ——— *Starting School*: Range -112.190000 to 12.980000 Mean 0.64 6513 non-missing values
ssckatraim27baseTPS27	Aiming Baseline (Aim Number: 26 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 26 of 50 (1st baseline target to 2nd baseline target, 6th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.200000 to 22.880000 Mean 1.08 3219 non-missing values ——— *Starting School*: Range -112.190000 to 22.880000 Mean 1.05 6513 non-missing values

Variable	Variable Label	Details
ssckatraim28baseDT28	Aiming Baseline (Aim Number: 27 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 12.210000 Mean 0.76 3225 non-missing values ——— *Starting School*: Range 0.040000 to 12.210000 Mean 0.76 6527 non-missing values
ssckatraim28baseMT28	Aiming Baseline (Aim Number: 27 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 12.620000 Mean 1.31 3225 non-missing values ——— *Starting School*: Range 0.110000 to 13.680000 Mean 1.31 6527 non-missing values

Variable	Variable Label	Details
ssckatraim28baseNJ28	Aiming Baseline (Aim Number: 27 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 50.887230 to 325008.573800 Mean 1868.20 3225 non-missing values *Starting School*: Range 44.468072 to 1873434.749000 Mean 2063.54 6527 non-missing values
ssckatraim28basePL28	Aiming Baseline (Aim Number: 27 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition) *Born in Bradford*: Range 112.170745 to 963.625660 Mean 161.69 3225 non-missing values *Starting School*: Range 111.166958 to 1748.956747 Mean 162.04 6527 non-missing values
ssckatraim28basePLT28	Aiming Baseline (Aim Number: 27 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition) *Born in Bradford*: Range 0.910000 to 14.350000 Mean 2.59 3225 non-missing values *Starting School*: Range 0.910000 to 35.330000 Mean 2.59 6527 non-missing values

Variable	Variable Label	Details
ssckatraim28basePS28	Aiming Baseline (Aim Number: 27 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 68.300445 to 5524.743711 Mean 339.20 3225 non-missing values *Starting School*: Range 68.300445 to 5803.116319 Mean 346.38 6527 non-missing values
ssckatraim28baseRT28	Aiming Baseline (Aim Number: 27 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 9.670000 Mean 0.79 3214 non-missing values *Starting School*: Range 0.020000 to 33.970000 Mean 0.80 6504 non-missing values

Variable	Variable Label	Details
ssckatraim28baseTPS28	Aiming Baseline (Aim Number: 27 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 27 of 50 (2nd baseline target to 3rd baseline target, 6th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.260000 to 10.990000 Mean 1.34 3214 non-missing values ——— *Starting School*: Range 0.240000 to 34.060000 Mean 1.36 6504 non-missing values
ssckatraim29baseDT29	Aiming Baseline (Aim Number: 28 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 11.100000 Mean 0.66 3225 non-missing values ——— *Starting School*: Range 0.040000 to 11.130000 Mean 0.67 6527 non-missing values

Variable	Variable Label	Details
ssckatraim29baseMT29	Aiming Baseline (Aim Number: 28 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.080000 to 11.190000 Mean 1.02 3225 non-missing values *Starting School*: Range 0.080000 to 17.250000 Mean 1.02 6527 non-missing values
ssckatraim29baseNJ29	Aiming Baseline (Aim Number: 28 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 81.849712 to 642283.200800 Mean 1738.08 3225 non-missing values *Starting School*: Range 80.704914 to 642283.200800 Mean 1841.15 6527 non-missing values

Variable	Variable Label	Details
ssckatraim29basePL29	Aiming Baseline (Aim Number: 28 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition) *Born in Bradford*: Range 110.763730 to 966.261074 Mean 138.12 3225 non-missing values *Starting School*: Range 110.439336 to 1100.865000 Mean 138.15 6527 non-missing values
ssckatraim29basePLT29	Aiming Baseline (Aim Number: 28 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition) *Born in Bradford*: Range 0.830000 to 17.840000 Mean 2.12 3225 non-missing values *Starting School*: Range 0.830000 to 18.170000 Mean 2.12 6527 non-missing values
ssckatraim29basePS29	Aiming Baseline (Aim Number: 28 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 56.030783 to 10702.650670 Mean 348.62 3225 non-missing values *Starting School*: Range 56.030783 to 10702.650670 Mean 362.51 6527 non-missing values

Variable	Variable Label	Details
ssckatraim29baseRT29	Aiming Baseline (Aim Number: 28 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 8.970000 Mean 0.65 3217 non-missing values *Starting School*: Range 0.020000 to 11.380000 Mean 0.65 6506 non-missing values
ssckatraim29baseTPS29	Aiming Baseline (Aim Number: 28 of 50) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for baseline movement Number 28 of 50 (3rd baseline target to 4th baseline target, 6th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.110000 to 9.910000 Mean 1.00 3217 non-missing values *Starting School*: Range 0.110000 to 12.760000 Mean 1.00 6506 non-missing values

Variable	Variable Label	Details
ssckatraim30baseDT30	Aiming Baseline (Aim Number: 29 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 16.150000 Mean 0.67 3225 non-missing values ——— *Starting School*: Range 0.030000 to 16.150000 Mean 0.67 6526 non-missing values
ssckatraim30baseMT30	Aiming Baseline (Aim Number: 29 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 25.750000 Mean 1.15 3225 non-missing values ——— *Starting School*: Range 0.110000 to 25.750000 Mean 1.13 6526 non-missing values

Variable	Variable Label	Details
ssckatraim30baseNJ30	Aiming Baseline (Aim Number: 29 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 106.327569 to 288749.305600 Mean 2181.37 3225 non-missing values *Starting School*: Range 105.600322 to 604347.692300 Mean 2318.76 6526 non-missing values
ssckatraim30basePL30	Aiming Baseline (Aim Number: 29 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition) *Born in Bradford*: Range 110.172397 to 2916.939770 Mean 150.06 3225 non-missing values *Starting School*: Range 110.172397 to 2916.939770 Mean 148.87 6526 non-missing values
ssckatraim30basePLT30	Aiming Baseline (Aim Number: 29 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition) *Born in Bradford*: Range 1.000000 to 25.990000 Mean 2.32 3225 non-missing values *Starting School*: Range 0.970000 to 25.990000 Mean 2.31 6526 non-missing values

Variable	Variable Label	Details
ssckatraim30basePS30	Aiming Baseline (Aim Number: 29 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 57.853005 to 5767.580484 Mean 338.07 3225 non-missing values *Starting School*: Range 57.853005 to 5826.269757 Mean 345.36 6526 non-missing values
ssckatraim30baseRT30	Aiming Baseline (Aim Number: 29 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 9.110000 Mean 0.71 3215 non-missing values *Starting School*: Range 0.020000 to 14.440000 Mean 0.72 6505 non-missing values

Variable	Variable Label	Details
ssckatraim30baseTPS30	Aiming Baseline (Aim Number: 29 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 29 of 50 (4th baseline target to 5th baseline target, 6th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.200000 to 25.470000 Mean 1.19 3215 non-missing values ——— *Starting School*: Range 0.070000 to 25.470000 Mean 1.18 6505 non-missing values
ssckatraim31baseDT31	Aiming Baseline (Aim Number: 30 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 161.060000 Mean 0.72 3225 non-missing values ——— *Starting School*: Range 0.040000 to 161.060000 Mean 0.72 6526 non-missing values

Variable	Variable Label	Details
ssckatraim31baseMT31	Aiming Baseline (Aim Number: 30 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 161.060000 Mean 1.12 3225 non-missing values ——— *Starting School*: Range 0.100000 to 161.060000 Mean 1.11 6526 non-missing values
ssckatraim31baseNJ31	Aiming Baseline (Aim Number: 30 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 83.963483 to 680067.173100 Mean 2554.33 3225 non-missing values ——— *Starting School*: Range 60.715585 to 2046460.371000 Mean 2819.77 6526 non-missing values

Variable	Variable Label	Details
ssckatraim31basePL31	Aiming Baseline (Aim Number: 30 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition) *Born in Bradford*: Range 109.172511 to 1168.510857 Mean 143.27 3225 non-missing values *Starting School*: Range 109.172511 to 1686.043338 Mean 143.01 6526 non-missing values
ssckatraim31basePLT31	Aiming Baseline (Aim Number: 30 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition) *Born in Bradford*: Range 0.960000 to 23.550000 Mean 2.20 3225 non-missing values *Starting School*: Range 0.820000 to 40.340000 Mean 2.19 6526 non-missing values
ssckatraim31basePS31	Aiming Baseline (Aim Number: 30 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 69.631212 to 8829.651557 Mean 353.89 3224 non-missing values *Starting School*: Range 58.888990 to 9000.267080 Mean 361.37 6524 non-missing values

Variable	Variable Label	Details
ssckatraim31baseRT31	Aiming Baseline (Aim Number: 30 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -161.060000 to 7.470000 Mean 0.60 3217 non-missing values ——— *Starting School*: Range -161.060000 to 7.470000 Mean 0.61 6508 non-missing values
ssckatraim31baseTPS31	Aiming Baseline (Aim Number: 30 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 30 of 50 (5th baseline target to 1st baseline target, 6th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -161.060000 to 12.660000 Mean 1.00 3217 non-missing values ——— *Starting School*: Range -161.060000 to 12.660000 Mean 1.00 6508 non-missing values

Variable	Variable Label	Details
ssckatraim32baseDT32	Aiming Baseline (Aim Number: 31 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 23.190000 Mean 0.62 3224 non-missing values ——— *Starting School*: Range 0.040000 to 23.190000 Mean 0.61 6523 non-missing values
ssckatraim32baseMT32	Aiming Baseline (Aim Number: 31 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 23.900000 Mean 1.04 3224 non-missing values ——— *Starting School*: Range 0.110000 to 26.300000 Mean 1.02 6523 non-missing values

Variable	Variable Label	Details
ssckatraim32baseNJ32	Aiming Baseline (Aim Number: 31 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 33.608192 to 201150.830300 Mean 1102.88 3224 non-missing values *Starting School*: Range 33.608192 to 2693429.416000 Mean 1503.85 6523 non-missing values
ssckatraim32basePL32	Aiming Baseline (Aim Number: 31 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition) *Born in Bradford*: Range 113.094735 to 3472.710386 Mean 143.09 3224 non-missing values *Starting School*: Range 109.793718 to 3472.710386 Mean 142.18 6523 non-missing values
ssckatraim32basePLT32	Aiming Baseline (Aim Number: 31 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition) *Born in Bradford*: Range 0.930000 to 25.760000 Mean 2.15 3224 non-missing values *Starting School*: Range 0.820000 to 32.900000 Mean 2.13 6523 non-missing values

Variable	Variable Label	Details
ssckatraim32basePS32	Aiming Baseline (Aim Number: 31 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.655015 to 9264.709942 Mean 325.78 3224 non-missing values *Starting School*: Range 60.655015 to 9264.709942 Mean 345.52 6523 non-missing values
ssckatraim32baseRT32	Aiming Baseline (Aim Number: 31 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 6.400000 Mean 0.66 3217 non-missing values *Starting School*: Range 0.020000 to 21.880000 Mean 0.67 6499 non-missing values

Variable	Variable Label	Details
ssckatraim32baseTPS32	Aiming Baseline (Aim Number: 31 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 31 of 50 (1st baseline target to 2nd baseline target, 7th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.260000 to 20.650000 Mean 1.09 3217 non-missing values ——— *Starting School*: Range 0.260000 to 32.300000 Mean 1.08 6499 non-missing values
ssckatraim33baseDT33	Aiming Baseline (Aim Number: 32 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 90.320000 Mean 0.78 3223 non-missing values ——— *Starting School*: Range 0.040000 to 90.320000 Mean 0.77 6521 non-missing values

Variable	Variable Label	Details
ssckatraim33baseMT33	Aiming Baseline (Aim Number: 32 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.100000 to 90.320000 Mean 1.33 3223 non-missing values *Starting School*: Range 0.100000 to 90.320000 Mean 1.32 6521 non-missing values
ssckatraim33baseNJ33	Aiming Baseline (Aim Number: 32 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 48.455477 to 207776.284600 Mean 1781.92 3223 non-missing values *Starting School*: Range 44.208605 to 365835.050900 Mean 1766.96 6521 non-missing values

Variable	Variable Label	Details
ssckatraim33basePL33	Aiming Baseline (Aim Number: 32 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition) *Born in Bradford*: Range 111.529729 to 1290.673099 Mean 163.63 3223 non-missing values *Starting School*: Range 110.096131 to 1290.673099 Mean 162.37 6521 non-missing values
ssckatraim33basePLT33	Aiming Baseline (Aim Number: 32 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition) *Born in Bradford*: Range 0.840000 to 16.460000 Mean 2.57 3223 non-missing values *Starting School*: Range 0.840000 to 18.780000 Mean 2.57 6521 non-missing values
ssckatraim33basePS33	Aiming Baseline (Aim Number: 32 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 65.487018 to 5502.277755 Mean 348.10 3222 non-missing values *Starting School*: Range 65.487018 to 5546.571585 Mean 348.04 6520 non-missing values

Variable	Variable Label	Details
ssckatraim33baseRT33	Aiming Baseline (Aim Number: 32 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -90.320000 to 13.900000 Mean 0.76 3217 non-missing values ——— *Starting School*: Range -90.320000 to 13.900000 Mean 0.77 6505 non-missing values
ssckatraim33baseTPS33	Aiming Baseline (Aim Number: 32 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 32 of 50 (2nd baseline target to 3rd baseline target, 7th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -90.320000 to 14.480000 Mean 1.31 3217 non-missing values ——— *Starting School*: Range -90.320000 to 14.480000 Mean 1.32 6505 non-missing values

Variable	Variable Label	Details
ssckatraim34baseDT34	Aiming Baseline (Aim Number: 33 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 14.350000 Mean 0.68 3223 non-missing values ——— *Starting School*: Range 0.040000 to 116.600000 Mean 0.69 6521 non-missing values
ssckatraim34baseMT34	Aiming Baseline (Aim Number: 33 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 16.390000 Mean 1.03 3223 non-missing values ——— *Starting School*: Range 0.110000 to 116.600000 Mean 1.05 6521 non-missing values

Variable	Variable Label	Details
ssckatraim34baseNJ34	Aiming Baseline (Aim Number: 33 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 50.141217 to 5904476.356000 Mean 3353.59 3223 non-missing values *Starting School*: Range 50.141217 to 5904476.356000 Mean 2559.43 6521 non-missing values
ssckatraim34basePL34	Aiming Baseline (Aim Number: 33 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition) *Born in Bradford*: Range 110.409115 to 3010.635932 Mean 139.63 3223 non-missing values *Starting School*: Range 110.041941 to 3010.635932 Mean 139.43 6521 non-missing values
ssckatraim34basePLT34	Aiming Baseline (Aim Number: 33 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition) *Born in Bradford*: Range 0.850000 to 28.540000 Mean 2.15 3223 non-missing values *Starting School*: Range 0.850000 to 28.540000 Mean 2.14 6521 non-missing values

Variable	Variable Label	Details
ssckatraim34basePS34	Aiming Baseline (Aim Number: 33 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 66.216408 to 10781.008450 Mean 392.81 3223 non-missing values *Starting School*: Range 66.216408 to 10781.008450 Mean 388.79 6520 non-missing values
ssckatraim34baseRT34	Aiming Baseline (Aim Number: 33 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 27.660000 Mean 0.66 3204 non-missing values *Starting School*: Range -116.600000 to 27.660000 Mean 0.63 6486 non-missing values

Variable	Variable Label	Details
ssckatraim34baseTPS34	Aiming Baseline (Aim Number: 33 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 33 of 50 (3rd baseline target to 4th baseline target, 7th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.330000 to 27.700000 Mean 1.01 3204 non-missing values ——— *Starting School*: Range -116.600000 to 27.700000 Mean 0.99 6486 non-missing values
ssckatraim35baseDT35	Aiming Baseline (Aim Number: 34 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 25.440000 Mean 0.70 3223 non-missing values ——— *Starting School*: Range 0.040000 to 25.440000 Mean 0.68 6520 non-missing values

Variable	Variable Label	Details
ssckatraim35baseMT35	Aiming Baseline (Aim Number: 34 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 29.140000 Mean 1.16 3223 non-missing values ——— *Starting School*: Range 0.070000 to 29.140000 Mean 1.14 6520 non-missing values
ssckatraim35baseNJ35	Aiming Baseline (Aim Number: 34 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 89.839670 to 3256769.497000 Mean 4144.86 3223 non-missing values ——— *Starting School*: Range 89.839670 to 3256769.497000 Mean 3089.09 6520 non-missing values

Variable	Variable Label	Details
ssckatraim35basePL35	Aiming Baseline (Aim Number: 34 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition) *Born in Bradford*: Range 110.980332 to 2064.358242 Mean 151.58 3223 non-missing values *Starting School*: Range 110.980332 to 2064.358242 Mean 149.80 6520 non-missing values
ssckatraim35basePLT35	Aiming Baseline (Aim Number: 34 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition) *Born in Bradford*: Range 0.970000 to 34.670000 Mean 2.36 3223 non-missing values *Starting School*: Range 0.900000 to 34.670000 Mean 2.33 6520 non-missing values
ssckatraim35basePS35	Aiming Baseline (Aim Number: 34 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 59.480467 to 5722.903755 Mean 349.67 3223 non-missing values *Starting School*: Range 59.480467 to 5765.335965 Mean 343.56 6520 non-missing values

Variable	Variable Label	Details
ssckatraim35baseRT35	Aiming Baseline (Aim Number: 34 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 19.550000 Mean 0.73 3215 non-missing values ——— *Starting School*: Range 0.020000 to 19.550000 Mean 0.72 6505 non-missing values
ssckatraim35baseTPS35	Aiming Baseline (Aim Number: 34 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 34 of 50 (4th baseline target to 5th baseline target, 7th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.220000 to 19.590000 Mean 1.20 3215 non-missing values ——— *Starting School*: Range 0.220000 to 19.590000 Mean 1.18 6505 non-missing values

Variable	Variable Label	Details
ssckatraim36baseDT36	Aiming Baseline (Aim Number: 35 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 14.390000 Mean 0.68 3223 non-missing values ——— *Starting School*: Range 0.040000 to 39.860000 Mean 0.68 6519 non-missing values
ssckatraim36baseMT36	Aiming Baseline (Aim Number: 35 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 37.390000 Mean 1.08 3223 non-missing values ——— *Starting School*: Range 0.110000 to 78.510000 Mean 1.09 6519 non-missing values

Variable	Variable Label	Details
ssckatraim36baseNJ36	Aiming Baseline (Aim Number: 35 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 81.300322 to 2026804.569000 Mean 2494.99 3223 non-missing values *Starting School*: Range 73.570361 to 52203390.240000 Mean 10801.98 6519 non-missing values
ssckatraim36basePL36	Aiming Baseline (Aim Number: 35 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition) *Born in Bradford*: Range 111.533618 to 1248.187995 Mean 144.93 3223 non-missing values *Starting School*: Range 111.293723 to 2419.620392 Mean 144.57 6519 non-missing values
ssckatraim36basePLT36	Aiming Baseline (Aim Number: 35 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition) *Born in Bradford*: Range 0.870000 to 38.000000 Mean 2.19 3223 non-missing values *Starting School*: Range 0.870000 to 114.860000 Mean 2.21 6519 non-missing values

Variable	Variable Label	Details
ssckatraim36basePS36	Aiming Baseline (Aim Number: 35 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 75.692809 to 8928.706245 Mean 356.41 3223 non-missing values ——— *Starting School*: Range 69.835739 to 9013.707884 Mean 370.35 6519 non-missing values
ssckatraim36baseRT36	Aiming Baseline (Aim Number: 35 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.600000 Mean 0.64 3214 non-missing values ——— *Starting School*: Range 0.020000 to 35.810000 Mean 0.66 6494 non-missing values

Variable	Variable Label	Details
ssckatraim36baseTPS36	Aiming Baseline (Aim Number: 35 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 35 of 50 (5th baseline target to 1st baseline target, 7th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.280000 to 23.440000 Mean 1.05 3214 non-missing values ——— *Starting School*: Range 0.280000 to 74.460000 Mean 1.07 6494 non-missing values
ssckatraim37baseDT37	Aiming Baseline (Aim Number: 36 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 12.650000 Mean 0.62 3223 non-missing values ——— *Starting School*: Range 0.030000 to 219.690000 Mean 0.65 6519 non-missing values

Variable	Variable Label	Details
ssckatraim37baseMT37	Aiming Baseline (Aim Number: 36 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 24.640000 Mean 1.04 3223 non-missing values ——— *Starting School*: Range 0.110000 to 219.690000 Mean 1.06 6519 non-missing values
ssckatraim37baseNJ37	Aiming Baseline (Aim Number: 36 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 34.613129 to 127731.508800 Mean 955.42 3223 non-missing values ——— *Starting School*: Range 21.654920 to 127731.508800 Mean 870.81 6519 non-missing values

Variable	Variable Label	Details
ssckatraim37basePL37	Aiming Baseline (Aim Number: 36 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition) *Born in Bradford*: Range 111.045883 to 1717.576251 Mean 143.55 3223 non-missing values *Starting School*: Range 111.045883 to 4710.981448 Mean 142.78 6519 non-missing values
ssckatraim37basePLT37	Aiming Baseline (Aim Number: 36 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition) *Born in Bradford*: Range 0.910000 to 26.080000 Mean 2.14 3223 non-missing values *Starting School*: Range 0.820000 to 26.080000 Mean 2.12 6519 non-missing values
ssckatraim37basePS37	Aiming Baseline (Aim Number: 36 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 65.125854 to 9280.650117 Mean 357.87 3223 non-missing values *Starting School*: Range 58.510377 to 9372.721424 Mean 352.57 6518 non-missing values

Variable	Variable Label	Details
ssckatraim37baseRT37	Aiming Baseline (Aim Number: 36 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.030000 to 9.310000 Mean 0.65 3210 non-missing values *Starting School*: Range -219.690000 to 12.290000 Mean 0.62 6493 non-missing values
ssckatraim37baseTPS37	Aiming Baseline (Aim Number: 36 of 50) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for baseline movement Number 36 of 50 (1st baseline target to 2nd baseline target, 8th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.380000 to 25.440000 Mean 1.07 3210 non-missing values *Starting School*: Range -219.690000 to 25.440000 Mean 1.03 6493 non-missing values

Variable	Variable Label	Details
ssckatraim38baseDT38	Aiming Baseline (Aim Number: 37 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 11.380000 Mean 0.77 3222 non-missing values ——— *Starting School*: Range 0.050000 to 159.700000 Mean 0.82 6518 non-missing values
ssckatraim38baseMT38	Aiming Baseline (Aim Number: 37 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 16.960000 Mean 1.31 3222 non-missing values ——— *Starting School*: Range 0.100000 to 159.700000 Mean 1.37 6518 non-missing values

Variable	Variable Label	Details
ssckatraim38baseNJ38	Aiming Baseline (Aim Number: 37 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 25.981026 to 427961.401000 Mean 1732.16 3222 non-missing values *Starting School*: Range 25.981026 to 427961.401000 Mean 1729.96 6518 non-missing values
ssckatraim38basePL38	Aiming Baseline (Aim Number: 37 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition) *Born in Bradford*: Range 113.267505 to 1599.383380 Mean 163.49 3222 non-missing values *Starting School*: Range 111.843856 to 1599.383380 Mean 162.78 6518 non-missing values
ssckatraim38basePLT38	Aiming Baseline (Aim Number: 37 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition) *Born in Bradford*: Range 0.900000 to 17.280000 Mean 2.58 3222 non-missing values *Starting School*: Range 0.900000 to 21.760000 Mean 2.59 6518 non-missing values

Variable	Variable Label	Details
ssckatraim38basePS38	Aiming Baseline (Aim Number: 37 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 64.092783 to 5399.600254 Mean 355.94 3222 non-missing values *Starting School*: Range 64.092783 to 5573.690627 Mean 359.34 6516 non-missing values
ssckatraim38baseRT38	Aiming Baseline (Aim Number: 37 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 11.370000 Mean 0.79 3210 non-missing values *Starting School*: Range -159.700000 to 17.510000 Mean 0.74 6490 non-missing values

Variable	Variable Label	Details
ssckatraim38baseTPS38	Aiming Baseline (Aim Number: 37 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 37 of 50 (2nd baseline target to 3rd baseline target, 8th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 12.460000 Mean 1.33 3210 non-missing values ——— *Starting School*: Range -159.700000 to 17.540000 Mean 1.30 6490 non-missing values
ssckatraim39baseDT39	Aiming Baseline (Aim Number: 38 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 9.810000 Mean 0.69 3222 non-missing values ——— *Starting School*: Range 0.040000 to 14.080000 Mean 0.69 6518 non-missing values

Variable	Variable Label	Details
ssckatraim39baseMT39	Aiming Baseline (Aim Number: 38 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 13.660000 Mean 1.04 3222 non-missing values ——— *Starting School*: Range 0.110000 to 20.220000 Mean 1.05 6518 non-missing values
ssckatraim39baseNJ39	Aiming Baseline (Aim Number: 38 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 68.562103 to 446631.290000 Mean 1671.41 3222 non-missing values ——— *Starting School*: Range 53.563717 to 446631.290000 Mean 1675.63 6518 non-missing values

Variable	Variable Label	Details
ssckatraim39basePL39	Aiming Baseline (Aim Number: 38 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition) *Born in Bradford*: Range 111.862147 to 1658.494212 Mean 140.98 3222 non-missing values *Starting School*: Range 109.637857 to 1658.494212 Mean 141.23 6518 non-missing values
ssckatraim39basePLT39	Aiming Baseline (Aim Number: 38 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition) *Born in Bradford*: Range 0.930000 to 14.750000 Mean 2.16 3222 non-missing values *Starting School*: Range 0.880000 to 21.220000 Mean 2.18 6518 non-missing values
ssckatraim39basePS39	Aiming Baseline (Aim Number: 38 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 67.378331 to 10582.605430 Mean 372.83 3222 non-missing values *Starting School*: Range 60.511829 to 10724.104030 Mean 369.68 6518 non-missing values

Variable	Variable Label	Details
ssckatraim39baseRT39	Aiming Baseline (Aim Number: 38 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 7.210000 Mean 0.65 3210 non-missing values *Starting School*: Range 0.020000 to 12.050000 Mean 0.66 6497 non-missing values
ssckatraim39baseTPS39	Aiming Baseline (Aim Number: 38 of 50) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for baseline movement Number 38 of 50 (3rd baseline target to 4th baseline target, 8th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.240000 to 14.060000 Mean 1.01 3210 non-missing values *Starting School*: Range 0.160000 to 14.690000 Mean 1.02 6497 non-missing values

Variable	Variable Label	Details
ssckatraim40baseDT40	Aiming Baseline (Aim Number: 39 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 39.930000 Mean 0.69 3222 non-missing values ——— *Starting School*: Range 0.040000 to 39.930000 Mean 0.69 6517 non-missing values
ssckatraim40baseMT40	Aiming Baseline (Aim Number: 39 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 64.230000 Mean 1.16 3222 non-missing values ——— *Starting School*: Range 0.070000 to 64.230000 Mean 1.16 6517 non-missing values

Variable	Variable Label	Details
ssckatraim40baseNJ40	Aiming Baseline (Aim Number: 39 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 84.135971 to 713613.514800 Mean 2110.99 3222 non-missing values *Starting School*: Range 56.308373 to 713613.514800 Mean 2168.14 6517 non-missing values
ssckatraim40basePL40	Aiming Baseline (Aim Number: 39 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition) *Born in Bradford*: Range 112.028833 to 7417.585530 Mean 152.78 3222 non-missing values *Starting School*: Range 112.028833 to 7417.585530 Mean 151.23 6517 non-missing values
ssckatraim40basePLT40	Aiming Baseline (Aim Number: 39 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition) *Born in Bradford*: Range 0.990000 to 65.280000 Mean 2.33 3222 non-missing values *Starting School*: Range 0.940000 to 65.280000 Mean 2.33 6517 non-missing values

Variable	Variable Label	Details
ssckatraim40basePS40	Aiming Baseline (Aim Number: 39 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 71.303158 to 5820.386059 Mean 358.01 3222 non-missing values *Starting School*: Range 71.303158 to 5855.401725 Mean 358.01 6517 non-missing values
ssckatraim40baseRT40	Aiming Baseline (Aim Number: 39 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 5.480000 Mean 0.70 3207 non-missing values *Starting School*: Range 0.020000 to 12.050000 Mean 0.72 6490 non-missing values

Variable	Variable Label	Details
ssckatraim40baseTPS40	Aiming Baseline (Aim Number: 39 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 39 of 50 (4th baseline target to 5th baseline target, 8th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 62.090000 Mean 1.18 3207 non-missing values ——— *Starting School*: Range 0.110000 to 62.090000 Mean 1.18 6490 non-missing values
ssckatraim41baseDT41	Aiming Baseline (Aim Number: 40 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 7.190000 Mean 0.67 3221 non-missing values ——— *Starting School*: Range 0.050000 to 11.190000 Mean 0.67 6515 non-missing values

Variable	Variable Label	Details
ssckatraim41baseMT41	Aiming Baseline (Aim Number: 40 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 11.510000 Mean 1.08 3221 non-missing values ——— *Starting School*: Range 0.110000 to 20.980000 Mean 1.07 6515 non-missing values
ssckatraim41baseNJ41	Aiming Baseline (Aim Number: 40 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 91.997223 to 1148364.453000 Mean 2378.68 3221 non-missing values ——— *Starting School*: Range 78.820132 to 1148364.453000 Mean 2327.96 6515 non-missing values

Variable	Variable Label	Details
ssckatraim41basePL41	Aiming Baseline (Aim Number: 40 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition) *Born in Bradford*: Range 111.067716 to 1005.817365 Mean 145.94 3221 non-missing values *Starting School*: Range 110.579436 to 1427.571661 Mean 144.98 6515 non-missing values
ssckatraim41basePLT41	Aiming Baseline (Aim Number: 40 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition) *Born in Bradford*: Range 0.910000 to 14.570000 Mean 2.21 3221 non-missing values *Starting School*: Range 0.900000 to 22.250000 Mean 2.20 6515 non-missing values
ssckatraim41basePS41	Aiming Baseline (Aim Number: 40 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 57.926129 to 8964.862680 Mean 376.49 3221 non-missing values *Starting School*: Range 57.926129 to 9017.274973 Mean 378.32 6515 non-missing values

Variable	Variable Label	Details
ssckatraim41baseRT41	Aiming Baseline (Aim Number: 40 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 12.470000 Mean 0.66 3207 non-missing values ——— *Starting School*: Range 0.020000 to 12.470000 Mean 0.66 6488 non-missing values
ssckatraim41baseTPS41	Aiming Baseline (Aim Number: 40 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 40 of 50 (5th baseline target to 1st baseline target, 8th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.170000 to 12.670000 Mean 1.08 3207 non-missing values ——— *Starting School*: Range 0.120000 to 13.720000 Mean 1.06 6488 non-missing values

Variable	Variable Label	Details
ssckatraim42baseDT42	Aiming Baseline (Aim Number: 41 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 13.830000 Mean 0.63 3221 non-missing values ——— *Starting School*: Range 0.030000 to 244.080000 Mean 0.69 6515 non-missing values
ssckatraim42baseMT42	Aiming Baseline (Aim Number: 41 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 16.840000 Mean 1.04 3221 non-missing values ——— *Starting School*: Range 0.100000 to 244.080000 Mean 1.10 6515 non-missing values

Variable	Variable Label	Details
ssckatraim42baseNJ42	Aiming Baseline (Aim Number: 41 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 29.985202 to 479783.464900 Mean 1131.44 3221 non-missing values *Starting School*: Range 29.985202 to 539984.680200 Mean 1151.71 6515 non-missing values
ssckatraim42basePL42	Aiming Baseline (Aim Number: 41 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition) *Born in Bradford*: Range 108.871677 to 1454.521593 Mean 143.15 3221 non-missing values *Starting School*: Range 108.871677 to 3741.006886 Mean 142.80 6515 non-missing values
ssckatraim42basePLT42	Aiming Baseline (Aim Number: 41 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition) *Born in Bradford*: Range 0.970000 to 17.920000 Mean 2.14 3221 non-missing values *Starting School*: Range 0.940000 to 22.360000 Mean 2.13 6515 non-missing values

Variable	Variable Label	Details
ssckatraim42basePS42	Aiming Baseline (Aim Number: 41 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 66.380684 to 9329.312584 Mean 357.10 3221 non-missing values *Starting School*: Range 64.579766 to 9329.312584 Mean 352.05 6513 non-missing values
ssckatraim42baseRT42	Aiming Baseline (Aim Number: 41 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 11.020000 Mean 0.65 3205 non-missing values *Starting School*: Range -244.080000 to 11.020000 Mean 0.58 6487 non-missing values

Variable	Variable Label	Details
ssckatraim42baseTPS42	Aiming Baseline (Aim Number: 41 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 41 of 50 (1st baseline target to 2nd baseline target, 9th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.150000 to 15.150000 Mean 1.07 3205 non-missing values ——— *Starting School*: Range -244.080000 to 17.120000 Mean 1.00 6487 non-missing values
ssckatraim43baseDT43	Aiming Baseline (Aim Number: 42 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 135.380000 Mean 0.82 3220 non-missing values ——— *Starting School*: Range 0.040000 to 135.380000 Mean 0.79 6514 non-missing values

Variable	Variable Label	Details
ssckatraim43baseMT43	Aiming Baseline (Aim Number: 42 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 135.380000 Mean 1.38 3220 non-missing values ——— *Starting School*: Range 0.100000 to 135.380000 Mean 1.34 6514 non-missing values
ssckatraim43baseNJ43	Aiming Baseline (Aim Number: 42 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 27.370188 to 5338641.534000 Mean 3354.17 3220 non-missing values ——— *Starting School*: Range 27.370188 to 5338641.534000 Mean 2387.83 6514 non-missing values

Variable	Variable Label	Details
ssckatraim43basePL43	Aiming Baseline (Aim Number: 42 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition) *Born in Bradford*: Range 112.519966 to 2264.493194 Mean 163.99 3220 non-missing values *Starting School*: Range 110.642104 to 2264.493194 Mean 161.90 6514 non-missing values
ssckatraim43basePLT43	Aiming Baseline (Aim Number: 42 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition) *Born in Bradford*: Range 0.800000 to 58.110000 Mean 2.58 3220 non-missing values *Starting School*: Range 0.800000 to 58.110000 Mean 2.57 6514 non-missing values
ssckatraim43basePS43	Aiming Baseline (Aim Number: 42 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 61.770391 to 5491.411108 Mean 357.91 3219 non-missing values *Starting School*: Range 61.770391 to 5491.411108 Mean 356.13 6513 non-missing values

Variable	Variable Label	Details
ssckatraim43baseRT43	Aiming Baseline (Aim Number: 42 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -135.380000 to 7.120000 Mean 0.70 3203 non-missing values ——— *Starting School*: Range -135.380000 to 10.090000 Mean 0.74 6480 non-missing values
ssckatraim43baseTPS43	Aiming Baseline (Aim Number: 42 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 42 of 50 (2nd baseline target to 3rd baseline target, 9th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -135.380000 to 35.800000 Mean 1.27 3203 non-missing values ——— *Starting School*: Range -135.380000 to 35.800000 Mean 1.30 6480 non-missing values

Variable	Variable Label	Details
ssckatraim44baseDT44	Aiming Baseline (Aim Number: 43 of 50) Deceleration Time	Research Clinic: Continuous value Deceleration Time (in seconds) for baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.030000 to 11.030000 Mean 0.67 3218 non-missing values *Starting School*: Range 0.030000 to 12.350000 Mean 0.66 6511 non-missing values
ssckatraim44baseMT44	Aiming Baseline (Aim Number: 43 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.100000 to 15.530000 Mean 1.05 3218 non-missing values *Starting School*: Range 0.100000 to 15.530000 Mean 1.02 6511 non-missing values

Variable	Variable Label	Details
ssckatraim44baseNJ44	Aiming Baseline (Aim Number: 43 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 66.230542 to 202656.869200 Mean 1667.91 3218 non-missing values *Starting School*: Range 51.349442 to 202656.869200 Mean 1460.92 6511 non-missing values
ssckatraim44basePL44	Aiming Baseline (Aim Number: 43 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition) *Born in Bradford*: Range 110.310036 to 1648.305312 Mean 142.01 3218 non-missing values *Starting School*: Range 110.310036 to 1648.305312 Mean 140.22 6511 non-missing values
ssckatraim44basePLT44	Aiming Baseline (Aim Number: 43 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition) *Born in Bradford*: Range 0.970000 to 15.830000 Mean 2.18 3218 non-missing values *Starting School*: Range 0.940000 to 15.830000 Mean 2.15 6511 non-missing values

Variable	Variable Label	Details
ssckatraim44basePS44	Aiming Baseline (Aim Number: 43 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 67.434499 to 10686.594260 Mean 397.75 3218 non-missing values ——— *Starting School*: Range 66.505417 to 10686.594260 Mean 391.42 6511 non-missing values
ssckatraim44baseRT44	Aiming Baseline (Aim Number: 43 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 9.260000 Mean 0.65 3200 non-missing values ——— *Starting School*: Range 0.020000 to 9.260000 Mean 0.65 6477 non-missing values

Variable	Variable Label	Details
ssckatraim44baseTPS44	Aiming Baseline (Aim Number: 43 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 43 of 50 (3rd baseline target to 4th baseline target, 9th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.330000 to 11.900000 Mean 1.03 3200 non-missing values ——— *Starting School*: Range 0.280000 to 11.900000 Mean 1.02 6477 non-missing values
ssckatraim45baseDT45	Aiming Baseline (Aim Number: 44 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 10.170000 Mean 0.68 3217 non-missing values ——— *Starting School*: Range 0.040000 to 13.090000 Mean 0.67 6509 non-missing values

Variable	Variable Label	Details
ssckatraim45baseMT45	Aiming Baseline (Aim Number: 44 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.130000 to 10.530000 Mean 1.14 3217 non-missing values *Starting School*: Range 0.100000 to 22.730000 Mean 1.14 6509 non-missing values
ssckatraim45baseNJ45	Aiming Baseline (Aim Number: 44 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 61.483960 to 104673.608400 Mean 1640.64 3217 non-missing values *Starting School*: Range 61.483960 to 804434.652000 Mean 1846.13 6509 non-missing values

Variable	Variable Label	Details
ssckatraim45basePL45	Aiming Baseline (Aim Number: 44 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition) *Born in Bradford*: Range 110.653889 to 1105.369759 Mean 148.86 3217 non-missing values *Starting School*: Range 110.653889 to 2031.617329 Mean 149.11 6509 non-missing values
ssckatraim45basePLT45	Aiming Baseline (Aim Number: 44 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition) *Born in Bradford*: Range 0.900000 to 14.990000 Mean 2.32 3217 non-missing values *Starting School*: Range 0.900000 to 24.360000 Mean 2.30 6509 non-missing values
ssckatraim45basePS45	Aiming Baseline (Aim Number: 44 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 66.073403 to 5816.397661 Mean 365.97 3217 non-missing values *Starting School*: Range 60.755835 to 5816.397661 Mean 362.84 6509 non-missing values

Variable	Variable Label	Details
ssckatraim45baseRT45	Aiming Baseline (Aim Number: 44 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 9.030000 Mean 0.71 3199 non-missing values *Starting School*: Range 0.020000 to 12.000000 Mean 0.70 6476 non-missing values
ssckatraim45baseTPS45	Aiming Baseline (Aim Number: 44 of 50) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for baseline movement Number 44 of 50 (4th baseline target to 5th baseline target, 9th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.260000 to 10.710000 Mean 1.17 3199 non-missing values *Starting School*: Range 0.210000 to 23.290000 Mean 1.17 6476 non-missing values

Variable	Variable Label	Details
ssckatraim46baseDT46	Aiming Baseline (Aim Number: 45 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 119.380000 Mean 0.71 3217 non-missing values ——— *Starting School*: Range 0.030000 to 119.380000 Mean 0.69 6507 non-missing values
ssckatraim46baseMT46	Aiming Baseline (Aim Number: 45 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 119.380000 Mean 1.10 3217 non-missing values ——— *Starting School*: Range 0.080000 to 119.380000 Mean 1.10 6507 non-missing values

Variable	Variable Label	Details
ssckatraim46baseNJ46	Aiming Baseline (Aim Number: 45 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 77.310336 to 3683451.881000 Mean 2997.42 3217 non-missing values *Starting School*: Range 73.321109 to 3683451.881000 Mean 2575.06 6507 non-missing values
ssckatraim46basePL46	Aiming Baseline (Aim Number: 45 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition) *Born in Bradford*: Range 111.353613 to 806.877604 Mean 143.92 3217 non-missing values *Starting School*: Range 110.976658 to 1761.069234 Mean 144.79 6507 non-missing values
ssckatraim46basePLT46	Aiming Baseline (Aim Number: 45 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition) *Born in Bradford*: Range 0.930000 to 37.100000 Mean 2.20 3217 non-missing values *Starting School*: Range 0.930000 to 37.100000 Mean 2.20 6507 non-missing values

Variable	Variable Label	Details
ssckatraim46basePS46	Aiming Baseline (Aim Number: 45 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 75.114036 to 8983.280998 Mean 373.72 3216 non-missing values ——— *Starting School*: Range 55.917066 to 8983.280998 Mean 370.77 6506 non-missing values
ssckatraim46baseRT46	Aiming Baseline (Aim Number: 45 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -119.380000 to 5.950000 Mean 0.61 3206 non-missing values ——— *Starting School*: Range -119.380000 to 11.110000 Mean 0.63 6488 non-missing values

Variable	Variable Label	Details
ssckatraim46baseTPS46	Aiming Baseline (Aim Number: 45 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 45 of 50 (5th baseline target to 1st baseline target, 9th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -119.380000 to 10.330000 Mean 1.01 3206 non-missing values ——— *Starting School*: Range -119.380000 to 19.020000 Mean 1.04 6488 non-missing values
ssckatraim47baseDT47	Aiming Baseline (Aim Number: 46 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 37.350000 Mean 0.63 3215 non-missing values ——— *Starting School*: Range 0.040000 to 37.350000 Mean 0.63 6505 non-missing values

Variable	Variable Label	Details
ssckatraim47baseMT47	Aiming Baseline (Aim Number: 46 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.140000 to 37.450000 Mean 1.06 3215 non-missing values ——— *Starting School*: Range 0.110000 to 37.450000 Mean 1.05 6505 non-missing values
ssckatraim47baseNJ47	Aiming Baseline (Aim Number: 46 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 31.502797 to 502239.351000 Mean 985.07 3215 non-missing values ——— *Starting School*: Range 23.766627 to 502239.351000 Mean 874.98 6505 non-missing values

Variable	Variable Label	Details
ssckatraim47basePL47	Aiming Baseline (Aim Number: 46 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition) *Born in Bradford*: Range 111.455286 to 1670.523956 Mean 143.60 3215 non-missing values *Starting School*: Range 111.455286 to 2314.959004 Mean 143.61 6505 non-missing values
ssckatraim47basePLT47	Aiming Baseline (Aim Number: 46 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition) *Born in Bradford*: Range 0.920000 to 38.080000 Mean 2.17 3215 non-missing values *Starting School*: Range 0.900000 to 38.080000 Mean 2.15 6505 non-missing values
ssckatraim47basePS47	Aiming Baseline (Aim Number: 46 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.467761 to 9291.240851 Mean 354.04 3215 non-missing values *Starting School*: Range 60.467761 to 9291.240851 Mean 351.35 6505 non-missing values

Variable	Variable Label	Details
ssckatraim47baseRT47	Aiming Baseline (Aim Number: 46 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 13.300000 Mean 0.66 3200 non-missing values ——— *Starting School*: Range 0.020000 to 13.300000 Mean 0.66 6478 non-missing values
ssckatraim47baseTPS47	Aiming Baseline (Aim Number: 46 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 46 of 50 (1st baseline target to 2nd baseline target, 10th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.390000 to 23.350000 Mean 1.09 3200 non-missing values ——— *Starting School*: Range 0.200000 to 23.350000 Mean 1.08 6478 non-missing values

Variable	Variable Label	Details
ssckatraim48baseDT48	Aiming Baseline (Aim Number: 47 of 50) Deceleration Time	Research Clinic: Continuous value Deceleration Time (in seconds) for baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.050000 to 17.360000 Mean 0.76 3215 non-missing values *Starting School*: Range 0.040000 to 116.950000 Mean 0.79 6502 non-missing values
ssckatraim48baseMT48	Aiming Baseline (Aim Number: 47 of 50) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.130000 to 24.750000 Mean 1.32 3215 non-missing values *Starting School*: Range 0.130000 to 116.950000 Mean 1.34 6502 non-missing values

Variable	Variable Label	Details
ssckatraim48baseNJ48	Aiming Baseline (Aim Number: 47 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 20.173475 to 1010867.721000 Mean 1772.75 3215 non-missing values *Starting School*: Range 20.173475 to 1010867.721000 Mean 1620.50 6502 non-missing values
ssckatraim48basePL48	Aiming Baseline (Aim Number: 47 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition) *Born in Bradford*: Range 111.623329 to 1624.155909 Mean 162.55 3215 non-missing values *Starting School*: Range 111.623329 to 1975.461637 Mean 163.13 6502 non-missing values
ssckatraim48basePLT48	Aiming Baseline (Aim Number: 47 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition) *Born in Bradford*: Range 0.930000 to 26.040000 Mean 2.56 3215 non-missing values *Starting School*: Range 0.760000 to 26.040000 Mean 2.57 6502 non-missing values

Variable	Variable Label	Details
ssckatraim48basePS48	Aiming Baseline (Aim Number: 47 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 78.440944 to 5467.818845 Mean 357.17 3215 non-missing values *Starting School*: Range 75.794827 to 5467.818845 Mean 362.57 6501 non-missing values
ssckatraim48baseRT48	Aiming Baseline (Aim Number: 47 of 50) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 11.330000 Mean 0.77 3204 non-missing values *Starting School*: Range -116.950000 to 11.330000 Mean 0.75 6473 non-missing values

Variable	Variable Label	Details
ssckatraim48baseTPS48	Aiming Baseline (Aim Number: 47 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 47 of 50 (2nd baseline target to 3rd baseline target, 10th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.170000 to 25.480000 Mean 1.33 3204 non-missing values ——— *Starting School*: Range -116.950000 to 25.480000 Mean 1.31 6473 non-missing values
ssckatraim49baseDT49	Aiming Baseline (Aim Number: 48 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 9.540000 Mean 0.68 3213 non-missing values ——— *Starting School*: Range 0.040000 to 10.280000 Mean 0.67 6496 non-missing values

Variable	Variable Label	Details
ssckatraim49baseMT49	Aiming Baseline (Aim Number: 48 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 10.930000 Mean 1.05 3213 non-missing values ——— *Starting School*: Range 0.070000 to 15.010000 Mean 1.04 6496 non-missing values
ssckatraim49baseNJ49	Aiming Baseline (Aim Number: 48 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 55.568545 to 127752.913400 Mean 1312.40 3213 non-missing values ——— *Starting School*: Range 55.568545 to 127752.913400 Mean 1270.19 6496 non-missing values

Variable	Variable Label	Details
ssckatraim49basePL49	Aiming Baseline (Aim Number: 48 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition) *Born in Bradford*: Range 111.191618 to 1406.545610 Mean 140.90 3213 non-missing values *Starting School*: Range 110.670818 to 1415.601253 Mean 140.73 6496 non-missing values
ssckatraim49basePLT49	Aiming Baseline (Aim Number: 48 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition) *Born in Bradford*: Range 0.950000 to 15.990000 Mean 2.16 3213 non-missing values *Starting School*: Range 0.890000 to 18.700000 Mean 2.15 6496 non-missing values
ssckatraim49basePS49	Aiming Baseline (Aim Number: 48 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.001570 to 10787.113900 Mean 382.16 3213 non-missing values *Starting School*: Range 60.001570 to 10787.113900 Mean 377.25 6496 non-missing values

Variable	Variable Label	Details
ssckatraim49baseRT49	Aiming Baseline (Aim Number: 48 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 12.990000 Mean 0.64 3200 non-missing values ——— *Starting School*: Range 0.020000 to 12.990000 Mean 0.64 6472 non-missing values
ssckatraim49baseTPS49	Aiming Baseline (Aim Number: 48 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 48 of 50 (3rd baseline target to 4th baseline target, 10th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.230000 to 13.020000 Mean 1.02 3200 non-missing values ——— *Starting School*: Range 0.090000 to 17.550000 Mean 1.02 6472 non-missing values

Variable	Variable Label	Details
ssckatraim50baseDT50	Aiming Baseline (Aim Number: 49 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 11.290000 Mean 0.70 3211 non-missing values ——— *Starting School*: Range 0.040000 to 130.440000 Mean 0.70 6493 non-missing values
ssckatraim50baseMT50	Aiming Baseline (Aim Number: 49 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 13.570000 Mean 1.17 3211 non-missing values ——— *Starting School*: Range 0.070000 to 130.440000 Mean 1.16 6493 non-missing values

Variable	Variable Label	Details
ssckatraim50baseNJ50	Aiming Baseline (Aim Number: 49 of 50) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 71.625086 to 300127.785100 Mean 1971.13 3211 non-missing values *Starting School*: Range 56.044039 to 317544.700900 Mean 1922.75 6493 non-missing values
ssckatraim50basePL50	Aiming Baseline (Aim Number: 49 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition) *Born in Bradford*: Range 112.528660 to 1038.085648 Mean 151.17 3211 non-missing values *Starting School*: Range 111.738121 to 1233.918546 Mean 149.60 6493 non-missing values
ssckatraim50basePLT50	Aiming Baseline (Aim Number: 49 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition) *Born in Bradford*: Range 0.920000 to 32.290000 Mean 2.35 3211 non-missing values *Starting School*: Range 0.910000 to 32.290000 Mean 2.31 6493 non-missing values

Variable	Variable Label	Details
ssckatraim50basePS50	Aiming Baseline (Aim Number: 49 of 50) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 55.947744 to 5849.947874 Mean 358.02 3211 non-missing values ——— *Starting School*: Range 55.947744 to 5858.454624 Mean 361.71 6492 non-missing values
ssckatraim50baseRT50	Aiming Baseline (Aim Number: 49 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 31.170000 Mean 0.71 3196 non-missing values ——— *Starting School*: Range -130.440000 to 31.170000 Mean 0.69 6467 non-missing values

Variable	Variable Label	Details
ssckatraim50baseTPS50	Aiming Baseline (Aim Number: 49 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 49 of 50 (4th baseline target to 5th baseline target, 10th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.320000 to 31.610000 Mean 1.18 3196 non-missing values ——— *Starting School*: Range -130.440000 to 31.610000 Mean 1.14 6467 non-missing values
ssckatraim51baseDT51	Aiming Baseline (Aim Number: 50 of 50) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 9.120000 Mean 0.68 3211 non-missing values ——— *Starting School*: Range 0.040000 to 9.120000 Mean 0.66 6492 non-missing values

Variable	Variable Label	Details
ssckatraim51baseMT51	Aiming Baseline (Aim Number: 50 of 50) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 9.300000 Mean 1.07 3211 non-missing values ——— *Starting School*: Range 0.100000 to 19.950000 Mean 1.06 6492 non-missing values
ssckatraim51baseNJ51	Aiming Baseline (Aim Number: 50 of 50) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 50.979196 to 1112918.428000 Mean 2126.17 3211 non-missing values ——— *Starting School*: Range 50.979196 to 1112918.428000 Mean 1929.08 6492 non-missing values

Variable	Variable Label	Details
ssckatraim51basePL51	Aiming Baseline (Aim Number: 50 of 50) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition) *Born in Bradford*: Range 112.469041 to 1379.023752 Mean 144.65 3211 non-missing values *Starting School*: Range 110.033544 to 1379.023752 Mean 144.25 6492 non-missing values
ssckatraim51basePLT51	Aiming Baseline (Aim Number: 50 of 50) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition) *Born in Bradford*: Range 0.890000 to 18.560000 Mean 2.21 3211 non-missing values *Starting School*: Range 0.890000 to 20.800000 Mean 2.20 6492 non-missing values
ssckatraim51basePS51	Aiming Baseline (Aim Number: 50 of 50) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 65.811873 to 8924.395804 Mean 373.43 3211 non-missing values *Starting School*: Range 64.365285 to 8962.042929 Mean 372.65 6492 non-missing values

Variable	Variable Label	Details
ssckatraim51baseRT51	Aiming Baseline (Aim Number: 50 of 50) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.220000 Mean 0.65 3199 non-missing values ——— *Starting School*: Range 0.020000 to 9.520000 Mean 0.65 6470 non-missing values
ssckatraim51baseTPS51	Aiming Baseline (Aim Number: 50 of 50) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for baseline movement Number 50 of 50 (5th baseline target to 1st baseline target, 10th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.290000 to 8.830000 Mean 1.05 3199 non-missing values ——— *Starting School*: Range 0.280000 to 18.640000 Mean 1.06 6470 non-missing values

6 Aiming - Embedded Baseline Condition

Variable	Variable Label	Details
ssckatraim53EbslnDT53	Aiming Embedded Baseline (Aim Number: 1 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 216.160000 Mean 0.73 3209 non-missing values ——— *Starting School*: Range 0.030000 to 216.160000 Mean 0.68 6486 non-missing values
ssckatraim53EbslnMT53	Aiming Embedded Baseline (Aim Number: 1 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 216.160000 Mean 1.10 3209 non-missing values ——— *Starting School*: Range 0.070000 to 216.160000 Mean 1.06 6486 non-missing values

Variable	Variable Label	Details
ssckatraim53EbslnNJ53	Aiming Embedded Baseline (Aim Number: 1 of 11) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 43.051455 to 631583.774600 Mean 1551.30 3209 non-missing values *Starting School*: Range 43.051455 to 631583.774600 Mean 1297.14 6486 non-missing values
ssckatraim53EbslnPL53	Aiming Embedded Baseline (Aim Number: 1 of 11) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition) *Born in Bradford*: Range 110.262702 to 2653.175845 Mean 142.31 3209 non-missing values *Starting School*: Range 110.262702 to 2653.175845 Mean 141.49 6486 non-missing values

Variable	Variable Label	Details
ssckatraim53EbslnPLT53	Aiming Embedded Baseline (Aim Number: 1 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition) ——— *Born in Bradford*: Range 0.800000 to 33.840000 Mean 2.11 3209 non-missing values ——— *Starting School*: Range 0.800000 to 33.840000 Mean 2.10 6486 non-missing values
ssckatraim53EbslnPS53	Aiming Embedded Baseline (Aim Number: 1 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 59.021653 to 12050.978980 Mean 380.21 3208 non-missing values ——— *Starting School*: Range 57.804557 to 12050.978980 Mean 386.28 6485 non-missing values

Variable	Variable Label	Details
ssckatraim53EbslnRT53	Aiming Embedded Baseline (Aim Number: 1 of 11) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -216.160000 to 10.710000 Mean 0.55 3196 non-missing values ——— *Starting School*: Range -216.160000 to 10.710000 Mean 0.58 6455 non-missing values
ssckatraim53EbslnTPS53	Aiming Embedded Baseline (Aim Number: 1 of 11) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for embedded baseline movement Number 1 of 11 (3rd embedded baseline target to 4th embedded baseline target, 11th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range -216.160000 to 26.140000 Mean 0.92 3196 non-missing values ——— *Starting School*: Range -216.160000 to 26.140000 Mean 0.95 6455 non-missing values

Variable	Variable Label	Details
ssckatraim54EbslnDT54	Aiming Embedded Baseline (Aim Number: 2 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 221.320000 Mean 0.74 3208 non-missing values ——— *Starting School*: Range 0.040000 to 221.320000 Mean 0.72 6485 non-missing values
ssckatraim54EbslnMT54	Aiming Embedded Baseline (Aim Number: 2 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 221.320000 Mean 1.20 3208 non-missing values ——— *Starting School*: Range 0.080000 to 221.320000 Mean 1.17 6485 non-missing values

Variable	Variable Label	Details
ssckatraim54EbslnNJ54	Aiming Embedded Baseline (Aim Number: 2 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 79.556253 to 1014758.705000 Mean 1644.45 3208 non-missing values ——— *Starting School*: Range 78.077030 to 1014758.705000 Mean 1649.53 6485 non-missing values
ssckatraim54EbslnPL54	Aiming Embedded Baseline (Aim Number: 2 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition) ——— *Born in Bradford*: Range 111.668119 to 1123.124150 Mean 149.35 3208 non-missing values ——— *Starting School*: Range 109.688409 to 2425.726986 Mean 149.27 6485 non-missing values

Variable	Variable Label	Details
ssckatraim54EbslnPLT54	Aiming Embedded Baseline (Aim Number: 2 of 11) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition) *Born in Bradford*: Range 0.960000 to 31.190000 Mean 2.25 3208 non-missing values *Starting School*: Range 0.900000 to 31.190000 Mean 2.24 6485 non-missing values
ssckatraim54EbslnPS54	Aiming Embedded Baseline (Aim Number: 2 of 11) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.336105 to 5828.055574 Mean 355.53 3207 non-missing values *Starting School*: Range 59.450080 to 5828.055574 Mean 365.42 6483 non-missing values

Variable	Variable Label	Details
ssckatraim54EbslnRT54	Aiming Embedded Baseline (Aim Number: 2 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -221.320000 to 14.440000 Mean 0.60 3195 non-missing values *Starting School*: Range -221.320000 to 14.440000 Mean 0.62 6452 non-missing values
ssckatraim54EbslnTPS54	Aiming Embedded Baseline (Aim Number: 2 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 2 of 11 (4th embedded baseline target to 5th embedded baseline target, 11th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range -221.320000 to 30.710000 Mean 1.06 3195 non-missing values *Starting School*: Range -221.320000 to 30.710000 Mean 1.07 6452 non-missing values

Variable	Variable Label	Details
ssckatraim56EbslnDT56	Aiming Embedded Baseline (Aim Number: 3 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 8.690000 Mean 0.76 3203 non-missing values ——— *Starting School*: Range 0.040000 to 32.870000 Mean 0.76 6478 non-missing values
ssckatraim56EbslnMT56	Aiming Embedded Baseline (Aim Number: 3 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 12.780000 Mean 1.28 3203 non-missing values ——— *Starting School*: Range 0.100000 to 32.970000 Mean 1.28 6478 non-missing values

Variable	Variable Label	Details
ssckatraim56EbslnNJ56	Aiming Embedded Baseline (Aim Number: 3 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 34.760637 to 198006.391400 Mean 1312.95 3203 non-missing values ——— *Starting School*: Range 28.339545 to 2997878.542000 Mean 1622.70 6478 non-missing values
ssckatraim56EbslnPL56	Aiming Embedded Baseline (Aim Number: 3 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition) ——— *Born in Bradford*: Range 111.890017 to 1030.385709 Mean 164.21 3203 non-missing values ——— *Starting School*: Range 111.149439 to 1291.587827 Mean 164.37 6478 non-missing values

Variable	Variable Label	Details
ssckatraim56EbslnPLT56	Aiming Embedded Baseline (Aim Number: 3 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition) ——— *Born in Bradford*: Range 0.900000 to 18.650000 Mean 2.41 3203 non-missing values ——— *Starting School*: Range 0.690000 to 33.750000 Mean 2.41 6478 non-missing values
ssckatraim56EbslnPS56	Aiming Embedded Baseline (Aim Number: 3 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 80.429423 to 5532.251752 Mean 378.20 3203 non-missing values ——— *Starting School*: Range 73.584232 to 5543.051742 Mean 378.50 6478 non-missing values

Variable	Variable Label	Details
ssckatraim56EbslnRT56	Aiming Embedded Baseline (Aim Number: 3 of 11) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 12.380000 Mean 0.67 3180 non-missing values ——— *Starting School*: Range 0.020000 to 12.380000 Mean 0.68 6435 non-missing values
ssckatraim56EbslnTPS56	Aiming Embedded Baseline (Aim Number: 3 of 11) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for embedded baseline movement Number 3 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 12th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.170000 to 16.670000 Mean 1.19 3180 non-missing values ——— *Starting School*: Range 0.160000 to 16.670000 Mean 1.19 6435 non-missing values

Variable	Variable Label	Details
ssckatraim58EbslnDT58	Aiming Embedded Baseline (Aim Number: 4 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 9.380000 Mean 0.65 3200 non-missing values ——— *Starting School*: Range 0.040000 to 12.090000 Mean 0.65 6467 non-missing values
ssckatraim58EbslnMT58	Aiming Embedded Baseline (Aim Number: 4 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 12.110000 Mean 1.04 3200 non-missing values ——— *Starting School*: Range 0.100000 to 16.350000 Mean 1.05 6467 non-missing values

Variable	Variable Label	Details
ssckatraim58EbslnNJ58	Aiming Embedded Baseline (Aim Number: 4 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 67.330521 to 432382.950400 Mean 1425.41 3200 non-missing values ——— *Starting School*: Range 59.067460 to 611010.134700 Mean 1586.04 6467 non-missing values
ssckatraim58EbslnPL58	Aiming Embedded Baseline (Aim Number: 4 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition) ——— *Born in Bradford*: Range 111.141565 to 1163.999359 Mean 145.12 3200 non-missing values ——— *Starting School*: Range 111.141565 to 4878.445634 Mean 146.02 6467 non-missing values

Variable	Variable Label	Details
ssckatraim58EbslnPLT58	Aiming Embedded Baseline (Aim Number: 4 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition) ——— *Born in Bradford*: Range 0.860000 to 16.110000 Mean 2.10 3200 non-missing values ——— *Starting School*: Range 0.830000 to 24.760000 Mean 2.10 6467 non-missing values
ssckatraim58EbslnPS58	Aiming Embedded Baseline (Aim Number: 4 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 71.880588 to 8949.302335 Mean 407.41 3200 non-missing values ——— *Starting School*: Range 56.711669 to 9053.721975 Mean 412.94 6467 non-missing values

Variable	Variable Label	Details
ssckatraim58EbslnRT58	Aiming Embedded Baseline (Aim Number: 4 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 9.800000 Mean 0.59 3177 non-missing values *Starting School*: Range 0.020000 to 20.560000 Mean 0.60 6417 non-missing values
ssckatraim58EbslnTPS58	Aiming Embedded Baseline (Aim Number: 4 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 4 of 11 (5th embedded baseline target to 1st embedded baseline target, 12th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.320000 to 11.270000 Mean 0.98 3177 non-missing values *Starting School*: Range 0.090000 to 23.380000 Mean 1.00 6417 non-missing values

Variable	Variable Label	Details
ssckatraim59EbslnDT59	Aiming Embedded Baseline (Aim Number: 5 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 7.610000 Mean 0.61 3196 non-missing values ——— *Starting School*: Range 0.040000 to 9.770000 Mean 0.59 6461 non-missing values
ssckatraim59EbslnMT59	Aiming Embedded Baseline (Aim Number: 5 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.110000 to 9.800000 Mean 1.01 3196 non-missing values ——— *Starting School*: Range 0.110000 to 13.490000 Mean 1.00 6461 non-missing values

Variable	Variable Label	Details
ssckatraim59EbslnNJ59	Aiming Embedded Baseline (Aim Number: 5 of 11) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 20.522450 to 56592.277500 Mean 601.47 3196 non-missing values *Starting School*: Range 13.383892 to 124833.807800 Mean 613.87 6461 non-missing values
ssckatraim59EbslnPL59	Aiming Embedded Baseline (Aim Number: 5 of 11) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition) *Born in Bradford*: Range 112.041445 to 1050.072784 Mean 142.82 3196 non-missing values *Starting School*: Range 111.397879 to 1319.895084 Mean 142.69 6461 non-missing values

Variable	Variable Label	Details
ssckatraim59EbslnPLT59	Aiming Embedded Baseline (Aim Number: 5 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition) ——— *Born in Bradford*: Range 0.820000 to 12.810000 Mean 2.09 3196 non-missing values ——— *Starting School*: Range 0.820000 to 20.100000 Mean 2.07 6461 non-missing values
ssckatraim59EbslnPS59	Aiming Embedded Baseline (Aim Number: 5 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 66.359146 to 9299.196196 Mean 371.59 3196 non-missing values ——— *Starting School*: Range 60.741451 to 9299.196196 Mean 365.93 6461 non-missing values

Variable	Variable Label	Details
ssckatraim59EbslnRT59	Aiming Embedded Baseline (Aim Number: 5 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 9.370000 Mean 0.63 3180 non-missing values *Starting School*: Range 0.020000 to 18.550000 Mean 0.63 6433 non-missing values
ssckatraim59EbslnTPS59	Aiming Embedded Baseline (Aim Number: 5 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 5 of 11 (1st embedded baseline target to 2nd embedded baseline target, 13th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.110000 to 10.140000 Mean 1.04 3180 non-missing values *Starting School*: Range 0.110000 to 18.810000 Mean 1.04 6433 non-missing values

Variable	Variable Label	Details
ssckatraim60EbslnDT60	Aiming Embedded Baseline (Aim Number: 6 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 15.560000 Mean 0.76 3191 non-missing values ——— *Starting School*: Range 0.050000 to 16.740000 Mean 0.76 6453 non-missing values
ssckatraim60EbslnMT60	Aiming Embedded Baseline (Aim Number: 6 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 24.220000 Mean 1.32 3191 non-missing values ——— *Starting School*: Range 0.100000 to 24.220000 Mean 1.31 6453 non-missing values

Variable	Variable Label	Details
ssckatraim60EbslnNJ60	Aiming Embedded Baseline (Aim Number: 6 of 11) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 30.673484 to 792518.129000 Mean 1461.30 3191 non-missing values *Starting School*: Range 22.844627 to 792518.129000 Mean 1415.13 6453 non-missing values
ssckatraim60EbslnPL60	Aiming Embedded Baseline (Aim Number: 6 of 11) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition) *Born in Bradford*: Range 112.145456 to 1531.785897 Mean 164.36 3191 non-missing values *Starting School*: Range 112.145456 to 1531.785897 Mean 163.51 6453 non-missing values

Variable	Variable Label	Details
ssckatraim60EbslnPLT60	Aiming Embedded Baseline (Aim Number: 6 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition) ——— *Born in Bradford*: Range 0.920000 to 24.660000 Mean 2.52 3191 non-missing values ——— *Starting School*: Range 0.750000 to 24.660000 Mean 2.51 6453 non-missing values
ssckatraim60EbslnPS60	Aiming Embedded Baseline (Aim Number: 6 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 76.610978 to 5471.213111 Mean 371.39 3191 non-missing values ——— *Starting School*: Range 73.520985 to 5471.213111 Mean 363.46 6453 non-missing values

Variable	Variable Label	Details
ssckatraim60EbslnRT60	Aiming Embedded Baseline (Aim Number: 6 of 11) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.220000 Mean 0.73 3176 non-missing values ——— *Starting School*: Range 0.020000 to 8.140000 Mean 0.73 6427 non-missing values
ssckatraim60EbslnTPS60	Aiming Embedded Baseline (Aim Number: 6 of 11) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for embedded baseline movement Number 6 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 13th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.190000 to 21.910000 Mean 1.28 3176 non-missing values ——— *Starting School*: Range 0.190000 to 21.910000 Mean 1.28 6427 non-missing values

Variable	Variable Label	Details
ssckatraim62EbslnDT62	Aiming Embedded Baseline (Aim Number: 7 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 8.390000 Mean 0.65 3185 non-missing values ——— *Starting School*: Range 0.040000 to 11.100000 Mean 0.64 6442 non-missing values
ssckatraim62EbslnMT62	Aiming Embedded Baseline (Aim Number: 7 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 35.830000 Mean 1.05 3185 non-missing values ——— *Starting School*: Range 0.120000 to 35.830000 Mean 1.04 6442 non-missing values

Variable	Variable Label	Details
ssckatraim62EbslnNJ62	Aiming Embedded Baseline (Aim Number: 7 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 66.012810 to 10159080.360000 Mean 4545.66 3185 non-missing values ——— *Starting School*: Range 32.662392 to 10159080.360000 Mean 2916.16 6442 non-missing values
ssckatraim62EbslnPL62	Aiming Embedded Baseline (Aim Number: 7 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition) ——— *Born in Bradford*: Range 111.401840 to 1226.644797 Mean 145.32 3185 non-missing values ——— *Starting School*: Range 110.356029 to 1226.644797 Mean 145.30 6442 non-missing values

Variable	Variable Label	Details
ssckatraim62EbslnPLT62	Aiming Embedded Baseline (Aim Number: 7 of 11) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition) *Born in Bradford*: Range 0.930000 to 36.160000 Mean 2.12 3185 non-missing values *Starting School*: Range 0.780000 to 36.160000 Mean 2.10 6442 non-missing values
ssckatraim62EbslnPS62	Aiming Embedded Baseline (Aim Number: 7 of 11) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 60.979048 to 9005.445326 Mean 384.57 3185 non-missing values *Starting School*: Range 58.412659 to 9005.445326 Mean 387.26 6442 non-missing values

Variable	Variable Label	Details
ssckatraim62EbslnRT62	Aiming Embedded Baseline (Aim Number: 7 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 7.900000 Mean 0.59 3172 non-missing values *Starting School*: Range 0.020000 to 7.900000 Mean 0.59 6414 non-missing values
ssckatraim62EbslnTPS62	Aiming Embedded Baseline (Aim Number: 7 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 7 of 11 (5th embedded baseline target to 1st embedded baseline target, 13th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.220000 to 34.660000 Mean 1.00 3172 non-missing values *Starting School*: Range 0.220000 to 34.660000 Mean 0.99 6414 non-missing values

Variable	Variable Label	Details
ssckatraim63EbslnDT63	Aiming Embedded Baseline (Aim Number: 8 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 9.300000 Mean 0.60 3181 non-missing values ——— *Starting School*: Range 0.040000 to 11.750000 Mean 0.60 6435 non-missing values
ssckatraim63EbslnMT63	Aiming Embedded Baseline (Aim Number: 8 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 10.720000 Mean 1.01 3181 non-missing values ——— *Starting School*: Range 0.130000 to 13.920000 Mean 1.02 6435 non-missing values

Variable	Variable Label	Details
ssckatraim63EbslnNJ63	Aiming Embedded Baseline (Aim Number: 8 of 11) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 15.575272 to 1233877.377000 Mean 915.17 3181 non-missing values *Starting School*: Range 13.741012 to 1233877.377000 Mean 766.22 6435 non-missing values
ssckatraim63EbslnPL63	Aiming Embedded Baseline (Aim Number: 8 of 11) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition) *Born in Bradford*: Range 112.675957 to 1285.460364 Mean 142.84 3181 non-missing values *Starting School*: Range 111.067938 to 1285.460364 Mean 142.90 6435 non-missing values

Variable	Variable Label	Details
ssckatraim63EbslnPLT63	Aiming Embedded Baseline (Aim Number: 8 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition) ——— *Born in Bradford*: Range 0.900000 to 53.700000 Mean 2.09 3181 non-missing values ——— *Starting School*: Range 0.720000 to 53.700000 Mean 2.10 6435 non-missing values
ssckatraim63EbslnPS63	Aiming Embedded Baseline (Aim Number: 8 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 71.090781 to 9289.718139 Mean 356.54 3181 non-missing values ——— *Starting School*: Range 62.101368 to 9334.162474 Mean 358.01 6435 non-missing values

Variable	Variable Label	Details
ssckatraim63EbslnRT63	Aiming Embedded Baseline (Aim Number: 8 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 51.240000 Mean 0.64 3168 non-missing values *Starting School*: Range 0.020000 to 51.240000 Mean 0.64 6408 non-missing values
ssckatraim63EbslnTPS63	Aiming Embedded Baseline (Aim Number: 8 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 8 of 11 (1st embedded baseline target to 2nd embedded baseline target, 14th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.100000 to 51.280000 Mean 1.05 3168 non-missing values *Starting School*: Range 0.100000 to 51.280000 Mean 1.06 6408 non-missing values

Variable	Variable Label	Details
ssckatraim64EbslnDT64	Aiming Embedded Baseline (Aim Number: 9 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 19.800000 Mean 0.76 3176 non-missing values ——— *Starting School*: Range 0.040000 to 19.800000 Mean 0.76 6428 non-missing values
ssckatraim64EbslnMT64	Aiming Embedded Baseline (Aim Number: 9 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.130000 to 20.050000 Mean 1.29 3176 non-missing values ——— *Starting School*: Range 0.100000 to 25.970000 Mean 1.30 6428 non-missing values

Variable	Variable Label	Details
ssckatraim64EbslnNJ64	Aiming Embedded Baseline (Aim Number: 9 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 40.216832 to 108418.485200 Mean 1128.07 3176 non-missing values ——— *Starting School*: Range 22.220593 to 440544.709700 Mean 1231.65 6428 non-missing values
ssckatraim64EbslnPL64	Aiming Embedded Baseline (Aim Number: 9 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition) ——— *Born in Bradford*: Range 111.191229 to 977.089164 Mean 163.21 3176 non-missing values ——— *Starting School*: Range 111.191229 to 1625.936996 Mean 163.53 6428 non-missing values

Variable	Variable Label	Details
ssckatraim64EbslnPLT64	Aiming Embedded Baseline (Aim Number: 9 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition) ——— *Born in Bradford*: Range 1.000000 to 25.920000 Mean 2.51 3176 non-missing values ——— *Starting School*: Range 0.910000 to 27.060000 Mean 2.51 6428 non-missing values
ssckatraim64EbslnPS64	Aiming Embedded Baseline (Aim Number: 9 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 71.372751 to 5425.825378 Mean 367.39 3176 non-missing values ——— *Starting School*: Range 71.372751 to 5437.658732 Mean 368.02 6428 non-missing values

Variable	Variable Label	Details
ssckatraim64EbslnRT64	Aiming Embedded Baseline (Aim Number: 9 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 8.510000 Mean 0.74 3165 non-missing values *Starting School*: Range 0.020000 to 8.510000 Mean 0.74 6406 non-missing values
ssckatraim64EbslnTPS64	Aiming Embedded Baseline (Aim Number: 9 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 9 of 11 (2nd embedded baseline target to 3rd embedded baseline target, 14th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.130000 to 9.800000 Mean 1.28 3165 non-missing values *Starting School*: Range 0.130000 to 25.660000 Mean 1.29 6406 non-missing values

Variable	Variable Label	Details
ssckatraim65EbslnDT65	Aiming Embedded Baseline (Aim Number: 10 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 9.740000 Mean 0.66 3174 non-missing values ——— *Starting School*: Range 0.040000 to 12.630000 Mean 0.66 6420 non-missing values
ssckatraim65EbslnMT65	Aiming Embedded Baseline (Aim Number: 10 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.100000 to 9.790000 Mean 1.03 3174 non-missing values ——— *Starting School*: Range 0.100000 to 14.440000 Mean 1.04 6420 non-missing values

Variable	Variable Label	Details
ssckatraim65EbslnNJ65	Aiming Embedded Baseline (Aim Number: 10 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 34.684818 to 86708.560100 Mean 944.23 3174 non-missing values ——— *Starting School*: Range 25.506718 to 475735.040500 Mean 1134.15 6420 non-missing values
ssckatraim65EbslnPL65	Aiming Embedded Baseline (Aim Number: 10 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition) ——— *Born in Bradford*: Range 110.235363 to 893.547915 Mean 140.24 3174 non-missing values ——— *Starting School*: Range 109.903993 to 1458.022511 Mean 140.49 6420 non-missing values

Variable	Variable Label	Details
ssckatraim65EbslnPLT65	Aiming Embedded Baseline (Aim Number: 10 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition) ——— *Born in Bradford*: Range 0.820000 to 13.710000 Mean 2.11 3174 non-missing values ——— *Starting School*: Range 0.800000 to 27.190000 Mean 2.14 6420 non-missing values
ssckatraim65EbslnPS65	Aiming Embedded Baseline (Aim Number: 10 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 68.347643 to 10582.364400 Mean 376.25 3174 non-missing values ——— *Starting School*: Range 66.557043 to 10648.892830 Mean 376.72 6420 non-missing values

Variable	Variable Label	Details
ssckatraim65EbslnRT65	Aiming Embedded Baseline (Aim Number: 10 of 11) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 8.080000 Mean 0.64 3163 non-missing values ——— *Starting School*: Range 0.020000 to 24.810000 Mean 0.64 6398 non-missing values
ssckatraim65EbslnTPS65	Aiming Embedded Baseline (Aim Number: 10 of 11) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for embedded baseline movement Number 10 of 11 (3rd embedded baseline target to 4th embedded baseline target, 14th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.380000 to 10.810000 Mean 1.01 3163 non-missing values ——— *Starting School*: Range 0.160000 to 24.840000 Mean 1.02 6398 non-missing values

Variable	Variable Label	Details
ssckatraim67EbslnDT67	Aiming Embedded Baseline (Aim Number: 11 of 11) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.030000 to 7.550000 Mean 0.59 3158 non-missing values ——— *Starting School*: Range 0.030000 to 26.310000 Mean 0.60 6397 non-missing values
ssckatraim67EbslnMT67	Aiming Embedded Baseline (Aim Number: 11 of 11) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.120000 to 11.680000 Mean 0.98 3158 non-missing values ——— *Starting School*: Range 0.120000 to 26.350000 Mean 1.00 6397 non-missing values

Variable	Variable Label	Details
ssckatraim67EbslnNJ67	Aiming Embedded Baseline (Aim Number: 11 of 11) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 11.835668 to 59887.190750 Mean 484.76 3158 non-missing values ——— *Starting School*: Range 11.835668 to 1350890.788000 Mean 758.19 6397 non-missing values
ssckatraim67EbslnPL67	Aiming Embedded Baseline (Aim Number: 11 of 11) Path Length	Research Clinic: Continuous value ——— Path Length (in mm) generated by the stylus during embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition) ——— *Born in Bradford*: Range 111.791104 to 1178.875287 Mean 141.77 3158 non-missing values ——— *Starting School*: Range 111.343561 to 1804.535374 Mean 142.38 6397 non-missing values

Variable	Variable Label	Details
ssckatraim67EbslnPLT67	Aiming Embedded Baseline (Aim Number: 11 of 11) Path Length Time	Research Clinic: Continuous value ——— Time to create Path Length (in seconds) during embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition) ——— *Born in Bradford*: Range 0.880000 to 12.410000 Mean 2.02 3158 non-missing values ——— *Starting School*: Range 0.880000 to 33.710000 Mean 2.05 6397 non-missing values
ssckatraim67EbslnPS67	Aiming Embedded Baseline (Aim Number: 11 of 11) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 69.768423 to 9240.971748 Mean 343.00 3158 non-missing values ——— *Starting School*: Range 62.981181 to 9240.971748 Mean 353.08 6397 non-missing values

Variable	Variable Label	Details
ssckatraim67EbslnRT67	Aiming Embedded Baseline (Aim Number: 11 of 11) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 8.930000 Mean 0.61 3150 non-missing values *Starting School*: Range 0.020000 to 19.180000 Mean 0.62 6377 non-missing values
ssckatraim67EbslnTPS67	Aiming Embedded Baseline (Aim Number: 11 of 11) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for embedded baseline movement Number 11 of 11 (1st embedded baseline target to 2nd embedded baseline target, 15th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.230000 to 9.430000 Mean 1.01 3150 non-missing values *Starting School*: Range 0.090000 to 20.840000 Mean 1.01 6377 non-missing values

7 Aiming - Jump Condition

Variable	Variable Label	Details
ssckatraim70jump1DT70	Aiming Jump (Aim Number: 1 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 22.850000 Mean 2.58 3209 non-missing values ——— *Starting School*: Range 0.050000 to 29.460000 Mean 2.54 6488 non-missing values
ssckatraim70jump1MT70	Aiming Jump (Aim Number: 1 of 6) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 2.020000 to 26.070000 Mean 5.08 3209 non-missing values ——— *Starting School*: Range 2.020000 to 33.520000 Mean 5.06 6488 non-missing values

Variable	Variable Label	Details
ssckatraim70jump1NJ70	Aiming Jump (Aim Number: 1 of 6) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 450.847352 to 1053275.081000 Mean 8779.27 3209 non-missing values *Starting School*: Range 445.243660 to 1053275.081000 Mean 8648.98 6488 non-missing values
ssckatraim70jump1PL70	Aiming Jump (Aim Number: 1 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition) *Born in Bradford*: Range 314.337599 to 2030.321407 Mean 438.27 3209 non-missing values *Starting School*: Range 310.864231 to 2030.321407 Mean 437.58 6488 non-missing values
ssckatraim70jump1PLT70	Aiming Jump (Aim Number: 1 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition) *Born in Bradford*: Range 2.970000 to 27.470000 Mean 6.19 3209 non-missing values *Starting School*: Range 2.830000 to 36.320000 Mean 6.18 6488 non-missing values

Variable	Variable Label	Details
ssckatraim70jump1PS70	Aiming Jump (Aim Number: 1 of 6) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 120.093892 to 8924.395804 Mean 495.81 3209 non-missing values ——— *Starting School*: Range 102.661152 to 8962.042929 Mean 498.07 6488 non-missing values
ssckatraim70jump1RT70	Aiming Jump (Aim Number: 1 of 6) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 7.220000 Mean 0.65 3197 non-missing values ——— *Starting School*: Range 0.020000 to 9.520000 Mean 0.65 6466 non-missing values

Variable	Variable Label	Details
ssckatraim70jump1TPS70	Aiming Jump (Aim Number: 1 of 6) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for jump movement Number 1 of 6 (1st target to 3rd target by 'jumping' the 2nd target, 11th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.290000 to 25.540000 Mean 3.16 3197 non-missing values ——— *Starting School*: Range 0.280000 to 27.650000 Mean 3.19 6466 non-missing values
ssckatraim71jump2DT71	Aiming Jump (Aim Number: 2 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 20.590000 Mean 2.26 3206 non-missing values ——— *Starting School*: Range 0.040000 to 21.480000 Mean 2.27 6482 non-missing values

Variable	Variable Label	Details
ssckatraim71jump2MT71	Aiming Jump (Aim Number: 2 of 6) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 2.250000 to 31.230000 Mean 4.62 3206 non-missing values ——— *Starting School*: Range 2.140000 to 31.230000 Mean 4.61 6482 non-missing values
ssckatraim71jump2NJ71	Aiming Jump (Aim Number: 2 of 6) Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) during jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 471.742475 to 1271876.012000 Mean 8421.23 3206 non-missing values ——— *Starting School*: Range 471.742475 to 1271876.012000 Mean 8372.61 6482 non-missing values

Variable	Variable Label	Details
ssckatraim71jump2PL71	Aiming Jump (Aim Number: 2 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition) *Born in Bradford*: Range 305.419420 to 2538.472385 Mean 424.24 3206 non-missing values *Starting School*: Range 305.419420 to 2738.086323 Mean 424.41 6482 non-missing values
ssckatraim71jump2PLT71	Aiming Jump (Aim Number: 2 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition) *Born in Bradford*: Range 2.760000 to 32.930000 Mean 5.71 3206 non-missing values *Starting School*: Range 2.740000 to 32.930000 Mean 5.71 6482 non-missing values
ssckatraim71jump2PS71	Aiming Jump (Aim Number: 2 of 6) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 106.544286 to 5828.055574 Mean 465.42 3206 non-missing values *Starting School*: Range 100.388098 to 5828.055574 Mean 475.99 6482 non-missing values

Variable	Variable Label	Details
ssckatraim71jump2RT71	Aiming Jump (Aim Number: 2 of 6) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 14.440000 Mean 0.67 3193 non-missing values ——— *Starting School*: Range 0.020000 to 14.440000 Mean 0.67 6449 non-missing values
ssckatraim71jump2TPS71	Aiming Jump (Aim Number: 2 of 6) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for jump movement Number 2 of 6 (5th target to 2nd target by 'jumping' the 1st target, 11/12th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.400000 to 30.710000 Mean 3.04 3193 non-missing values ——— *Starting School*: Range 0.250000 to 30.710000 Mean 3.02 6449 non-missing values

Variable	Variable Label	Details
ssckatraim72jump3DT72	Aiming Jump (Aim Number: 3 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.040000 to 18.220000 Mean 2.22 3201 non-missing values ——— *Starting School*: Range 0.040000 to 39.240000 Mean 2.25 6472 non-missing values
ssckatraim72jump3MT72	Aiming Jump (Aim Number: 3 of 6) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 2.160000 to 22.310000 Mean 4.86 3201 non-missing values ——— *Starting School*: Range 2.160000 to 39.340000 Mean 4.88 6472 non-missing values

Variable	Variable Label	Details
ssckatraim72jump3NJ72	Aiming Jump (Aim Number: 3 of 6) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 680.233490 to 386785.411800 Mean 7728.39 3201 non-missing values *Starting School*: Range 634.272271 to 3786624.896000 Mean 8440.23 6472 non-missing values
ssckatraim72jump3PL72	Aiming Jump (Aim Number: 3 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition) *Born in Bradford*: Range 314.049865 to 3161.244383 Mean 443.12 3201 non-missing values *Starting School*: Range 308.813097 to 3161.244383 Mean 443.73 6472 non-missing values
ssckatraim72jump3PLT72	Aiming Jump (Aim Number: 3 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition) *Born in Bradford*: Range 2.660000 to 30.620000 Mean 5.97 3201 non-missing values *Starting School*: Range 2.660000 to 40.190000 Mean 6.00 6472 non-missing values

Variable	Variable Label	Details
ssckatraim72jump3PS72	Aiming Jump (Aim Number: 3 of 6) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 140.375579 to 5532.251752 Mean 499.26 3201 non-missing values ——— *Starting School*: Range 123.212038 to 5543.051742 Mean 500.72 6472 non-missing values
ssckatraim72jump3RT72	Aiming Jump (Aim Number: 3 of 6) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 12.380000 Mean 0.67 3178 non-missing values ——— *Starting School*: Range 0.020000 to 12.380000 Mean 0.68 6429 non-missing values

Variable	Variable Label	Details
ssckatraim72jump3TPS72	Aiming Jump (Aim Number: 3 of 6) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for jump movement Number 3 of 6 (3rd target to 5th target by 'jumping' the 4th target, 12th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.260000 to 20.080000 Mean 3.33 3178 non-missing values ——— *Starting School*: Range 0.160000 to 20.400000 Mean 3.33 6429 non-missing values
ssckatraim73jump4DT73	Aiming Jump (Aim Number: 4 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.060000 to 28.530000 Mean 2.23 3187 non-missing values ——— *Starting School*: Range 0.050000 to 35.390000 Mean 2.22 6447 non-missing values

Variable	Variable Label	Details
ssckatraim73jump4MT73	Aiming Jump (Aim Number: 4 of 6) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 2.010000 to 35.720000 Mean 5.00 3187 non-missing values *Starting School*: Range 2.010000 to 35.720000 Mean 4.99 6447 non-missing values
ssckatraim73jump4NJ73	Aiming Jump (Aim Number: 4 of 6) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 563.426013 to 1186562.297000 Mean 8569.19 3187 non-missing values *Starting School*: Range 541.800145 to 3413574.799000 Mean 8981.64 6447 non-missing values

Variable	Variable Label	Details
ssckatraim73jump4PL73	Aiming Jump (Aim Number: 4 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition) *Born in Bradford*: Range 323.343007 to 3253.053081 Mean 443.25 3187 non-missing values *Starting School*: Range 323.343007 to 3253.053081 Mean 442.09 6447 non-missing values
ssckatraim73jump4PLT73	Aiming Jump (Aim Number: 4 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition) *Born in Bradford*: Range 2.920000 to 37.010000 Mean 6.17 3187 non-missing values *Starting School*: Range 2.920000 to 37.010000 Mean 6.15 6447 non-missing values
ssckatraim73jump4PS73	Aiming Jump (Aim Number: 4 of 6) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 119.006366 to 5471.213111 Mean 499.78 3187 non-missing values *Starting School*: Range 119.006366 to 5471.213111 Mean 494.58 6447 non-missing values

Variable	Variable Label	Details
ssckatraim73jump4RT73	Aiming Jump (Aim Number: 4 of 6) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 6.870000 Mean 0.73 3172 non-missing values *Starting School*: Range 0.020000 to 8.140000 Mean 0.73 6421 non-missing values
ssckatraim73jump4TPS73	Aiming Jump (Aim Number: 4 of 6) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for jump movement Number 4 of 6 (3rd target to 5th target by 'jumping' the 4th target, 13th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.350000 to 34.690000 Mean 3.51 3172 non-missing values *Starting School*: Range 0.290000 to 34.690000 Mean 3.51 6421 non-missing values

Variable	Variable Label	Details
ssckatraim74jump5DT74	Aiming Jump (Aim Number: 5 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.050000 to 20.480000 Mean 2.35 3166 non-missing values ——— *Starting School*: Range 0.040000 to 20.480000 Mean 2.38 6407 non-missing values
ssckatraim74jump5MT74	Aiming Jump (Aim Number: 5 of 6) Movement Time	Research Clinic: Continuous value ——— Movement Time (in seconds) for jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 2.100000 to 20.710000 Mean 4.62 3166 non-missing values ——— *Starting School*: Range 1.920000 to 24.700000 Mean 4.67 6407 non-missing values

Variable	Variable Label	Details
ssckatraim74jump5NJ74	Aiming Jump (Aim Number: 5 of 6) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 519.288628 to 243137.162100 Mean 6858.35 3166 non-missing values *Starting School*: Range 512.776051 to 670464.531300 Mean 7387.96 6407 non-missing values
ssckatraim74jump5PL74	Aiming Jump (Aim Number: 5 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition) *Born in Bradford*: Range 305.211176 to 3936.894528 Mean 417.91 3166 non-missing values *Starting School*: Range 305.211176 to 3936.894528 Mean 418.65 6407 non-missing values
ssckatraim74jump5PLT74	Aiming Jump (Aim Number: 5 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition) *Born in Bradford*: Range 2.800000 to 21.960000 Mean 5.71 3166 non-missing values *Starting School*: Range 2.560000 to 30.120000 Mean 5.77 6407 non-missing values

Variable	Variable Label	Details
ssckatraim74jump5PS74	Aiming Jump (Aim Number: 5 of 6) Peak Speed	Research Clinic: Continuous value ——— Peak Speed (mm/s) for jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 134.534724 to 10582.364400 Mean 488.47 3166 non-missing values ——— *Starting School*: Range 125.856549 to 10648.892830 Mean 490.50 6407 non-missing values
ssckatraim74jump5RT74	Aiming Jump (Aim Number: 5 of 6) Reaction Time	Research Clinic: Continuous value ——— Reaction Time (in seconds) for jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.020000 to 6.540000 Mean 0.64 3155 non-missing values ——— *Starting School*: Range 0.020000 to 24.810000 Mean 0.64 6385 non-missing values

Variable	Variable Label	Details
ssckatraim74jump5TPS74	Aiming Jump (Aim Number: 5 of 6) Time to Peak Speed	Research Clinic: Continuous value ——— Time to Peak Speed (in seconds) for jump movement Number 5 of 6 (4th target to 1st target by 'jumping' the 5th target, 14th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.380000 to 15.990000 Mean 2.92 3155 non-missing values ——— *Starting School*: Range 0.160000 to 24.990000 Mean 2.94 6385 non-missing values
ssckatraim75jump6DT75	Aiming Jump (Aim Number: 6 of 6) Deceleration Time	Research Clinic: Continuous value ——— Deceleration Time (in seconds) for jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). Deceleration time caculated from time of peak speed to arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. ——— *Born in Bradford*: Range 0.070000 to 14.420000 Mean 1.99 3151 non-missing values ——— *Starting School*: Range 0.050000 to 32.510000 Mean 2.03 6384 non-missing values

Variable	Variable Label	Details
ssckatraim75jump6MT75	Aiming Jump (Aim Number: 6 of 6) Movement Time	Research Clinic: Continuous value Movement Time (in seconds) for jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). Movement time calculated from time of reaction to time arriving within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 2.070000 to 26.860000 Mean 4.63 3151 non-missing values *Starting School*: Range 2.070000 to 32.550000 Mean 4.65 6384 non-missing values
ssckatraim75jump6NJ75	Aiming Jump (Aim Number: 6 of 6) Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) during jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 182.133010 to 752509.710800 Mean 4601.03 3151 non-missing values *Starting School*: Range 182.133010 to 1108984.141000 Mean 4984.43 6384 non-missing values

Variable	Variable Label	Details
ssckatraim75jump6PL75	Aiming Jump (Aim Number: 6 of 6) Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus during jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition) *Born in Bradford*: Range 300.163086 to 1730.973472 Mean 429.68 3151 non-missing values *Starting School*: Range 289.577291 to 2840.296303 Mean 429.32 6384 non-missing values
ssckatraim75jump6PLT75	Aiming Jump (Aim Number: 6 of 6) Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) during jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition) *Born in Bradford*: Range 2.730000 to 28.110000 Mean 5.68 3151 non-missing values *Starting School*: Range 2.730000 to 39.510000 Mean 5.71 6384 non-missing values
ssckatraim75jump6PS75	Aiming Jump (Aim Number: 6 of 6) Peak Speed	Research Clinic: Continuous value Peak Speed (mm/s) for jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). Peak Speed is maximum speed reached post reaction and pre-arrival within the target aimed for. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 112.035330 to 9240.971748 Mean 488.26 3151 non-missing values *Starting School*: Range 85.862310 to 9240.971748 Mean 485.89 6384 non-missing values

Variable	Variable Label	Details
ssckatraim75jump6RT75	Aiming Jump (Aim Number: 6 of 6) Reaction Time	Research Clinic: Continuous value Reaction Time (in seconds) for jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). Reaction to target judged to initiate when speed of stylus at a given sample point in time has exceeded 50 mm/s. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.020000 to 8.930000 Mean 0.61 3143 non-missing values *Starting School*: Range 0.020000 to 19.180000 Mean 0.62 6364 non-missing values
ssckatraim75jump6TPS75	Aiming Jump (Aim Number: 6 of 6) Time to Peak Speed	Research Clinic: Continuous value Time to Peak Speed (in seconds) for jump movement Number 6 of 6 (2nd target to 4th target by 'jumping' the 3rd target, 15th repetition). Time to peak speed is calculated from time of reaction to time of peak speed. See Culmer et al. (2009) for more detailed description. *Born in Bradford*: Range 0.300000 to 21.690000 Mean 3.26 3143 non-missing values *Starting School*: Range 0.090000 to 23.150000 Mean 3.25 6364 non-missing values

8 Tracing/Steering Task

Variable	Variable Label	Details
ssckatrTrace1shapeANJ1	Tracing Trial 1 Normalised Jerk	Research Clinic: Continuous value ——— Normalised Jerk (measures smoothness of movement) on the Tracing subtask Trial 1), calculated for the movement made from Start to Finish point. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 202.110681 to 30212543.340000 Mean 825398.55 3243 non-missing values ——— *Starting School*: Range 132.987213 to 38660296.800000 Mean 808311.74 6563 non-missing values
ssckatrTrace1shapeAPA1	Tracing Trial 1 Path Accuracy	Research Clinic: Continuous value ——— Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracing subtask (Trial 1) during movement from Start to Finish point. See Culmer et al. (2009) for description of formula used to calculate. ——— *Born in Bradford*: Range 0.777276 to 27.018459 Mean 2.40 3243 non-missing values ——— *Starting School*: Range 0.690287 to 34.810057 Mean 2.39 6563 non-missing values

Variable	Variable Label	Details
ssckatrTrace1shapeAPL1	Tracing Trial 1 Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus on the Tracing subtask (Trial 1) whilst moving from Start to Finish point *Born in Bradford*: Range 103.710879 to 9555.137980 Mean 666.29 3243 non-missing values *Starting School*: Range 103.710879 to 9555.137980 Mean 664.24 6563 non-missing values
ssckatrTrace1shapeAPLT1	Tracing Trial 1 Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) on the Tracing subtask (Trial 1) whilst moving from Start to Finish point *Born in Bradford*: Range 1.300000 to 109.610000 Mean 36.73 3243 non-missing values *Starting School*: Range 1.160000 to 118.920000 Mean 36.39 6563 non-missing values
ssckatrTrace2shapeBNJ1	Tracing Trial 2 Normalised Jerk	Research Clinic: Continuous value Normalised Jerk (measures smoothness of movement) on the Tracing subtask Trial 2), calculated for the movement made from Start to Finish point. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 107.670755 to 25162307.720000 Mean 620587.41 3245 non-missing values *Starting School*: Range 107.670755 to 26903163.620000 Mean 630877.78 6566 non-missing values

Variable	Variable Label	Details
ssckatrTrace2shapeBPA1	Tracing Trial 2 Path Accuracy	Research Clinic: Continuous value Mean Path Accuracy (increases indicated greater spatial errors in tracking accuracy) on the Tracing subtask (Trial 2) during movement from Start to Finish point. See Culmer et al. (2009) for description of formula used to calculate. *Born in Bradford*: Range 0.840730 to 35.735451 Mean 2.55 3245 non-missing values *Starting School*: Range 0.789296 to 35.735451 Mean 2.56 6566 non-missing values
ssckatrTrace2shapeBPL1	Tracing Trial 2 Path Length	Research Clinic: Continuous value Path Length (in mm) generated by the stylus on the Tracing subtask (Trial 2) whilst moving from Start to Finish point *Born in Bradford*: Range 106.392601 to 2554.620603 Mean 652.65 3245 non-missing values *Starting School*: Range 106.392601 to 3359.055210 Mean 652.59 6566 non-missing values
ssckatrTrace2shapeBPLT1	Tracing Trial 2 Path Length Time	Research Clinic: Continuous value Time to create Path Length (in seconds) on the Tracing subtask (Trial 2) whilst moving from Start to Finish point *Born in Bradford*: Range 1.220000 to 96.430000 Mean 30.06 3245 non-missing values *Starting School*: Range 1.220000 to 97.360000 Mean 30.07 6566 non-missing values

Starting School: Letter identification

Database ID for source: `ssclid`

This source is measured at the **child** level. It contains 4 variables from 2 intersecting cohorts. From the *Born in Bradford* cohort, there are 3258 children with one observation per child, making a total of 3258 observations. From the *Starting School* cohort, there are 6582 children with one observation per child, making a total of 6582 observations. Variable-level parameters are presented for each cohort separately in the table below.

Description

Starting School was a research project that engaged Bradford primary schools and which ran for two consecutive academic years (2012-13 and 2013-14). The project aimed to assess all children in their first (reception) year of schooling who were in schools where there were at least 10 Born in Bradford children enrolled. Ninety-four out of the 142 primary schools in Bradford were contacted in the recruitment phase.

Variable	Variable Label	Details
sslidceilingset	Letter ID Ceiling Set	Derived: Integer value Starting School: Letter ID Ceiling Set *Born in Bradford*: Range 0 to 1 Mean 0.65 3258 non-missing values *Starting School*: Range 0 to 1 Mean 0.68 6582 non-missing values
sslidchronage	Letter ID Chronological Age	Derived: Continuous value Starting School: Letter ID Chronological Age *Born in Bradford*: Range 4.01 to 5.10 Mean 4.61 3258 non-missing values *Starting School*: Range 4.01 to 6.04 Mean 4.61 6582 non-missing values

Variable	Variable Label	Details
sslidrawscore	Letter ID Raw Score	Research Clinic: Integer value ——— Starting School: Letter ID Raw Score ——— *Born in Bradford*: Range 0 to 46 Mean 23.76 3258 non-missing values ——— *Starting School*: Range 0 to 46 Mean 23.08 6582 non-missing values
sslidstandardised	Letter ID Standardised Score	Derived: Integer value ——— Starting School: Letter ID Standardised Score ——— *Born in Bradford*: Range 68 to 143 Mean 106.45 3258 non-missing values ——— *Starting School*: Range 68 to 143 Mean 105.57 6582 non-missing values

Starting School: SDQ

Database ID for source: `sscsdq`

This source is measured at the **child** level. It contains 52 variables from 2 intersecting cohorts. From the *Born in Bradford* cohort, there are 2340 children with one observation per child, making a total of 2340 observations. From the *Starting School* cohort, there are 2340 children with one observation per child, making a total of 2340 observations. Variable-level parameters are presented for each cohort separately in the table below.

Description

Starting School was a research project that engaged Bradford primary schools and which ran for two consecutive academic years (2012-13 and 2013-14). The project aimed to assess all children in their first (reception) year of schooling who were in schools where there were at least 10 Born in Bradford children enrolled. Ninety-four out of the 142 primary schools in Bradford were contacted in the recruitment phase. The Strengths and Difficulties Questionnaire (SDQ) is a brief behavioural screening tool assessing psychological attributes such as emotional symptoms, conduct problems, hyperactivity, peer relationships and prosocial behaviour. This version was completed by the child's class teacher, and also includes an impact supplement, which assesses the teacher's perceived impact of the difficulties identified. (Goodman R (1997) Journal of Child Psychology and Psychiatry, 38, 581-586 doi:10.1111/j.1469-7610.1997.tb01545.x)

Caseness

Variable	Variable Label	Details
sssdqcasecondprob	SDQ Conduct Subscale Caseness	Derived: Categorical value ——— Three level categorisation of Conduct (Problems) Subscale score ——— *Born in Bradford*: 2337 non-missing values ——— *Starting School*: 2337 non-missing values ——— Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal

Variable	Variable Label	Details
sssdqcaseemotional	SDQ Emotional Subscale Caseness	Derived: Categorical value Three level categorisation of Emotional (Problems) Subscale score *Born in Bradford*: 2336 non-missing values *Starting School*: 2336 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal
sssdqcasehyper	SDQ Hyperactivty Subscale Caseness	Derived: Categorical value Three level categorisation of Hyperactivity Subscale score *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal
sssdqcaseimpact	SDQ Impact Supplement Caseness	Derived: Categorical value Three level categorisation of Impact Supplement score *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal

Variable	Variable Label	Details
sssdqcasepeerprob	SDQ Peer Subscale Caseness	Derived: Categorical value Three level categorisation of Peer (Problems) Subscale score *Born in Bradford*: 2338 non-missing values *Starting School*: 2338 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal
sssdqcaseprosocial	SDQ Prosocial Subscale Caseness	Derived: Categorical value Three level categorisation of Prosocial Subscale score *Born in Bradford*: 2338 non-missing values *Starting School*: 2338 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal
sssdqcasetotal	SDQ Total Difficulty Score Caseness	Derived: Categorical value Three level categorisation of Total Difficulty Score *Born in Bradford*: 2335 non-missing values *Starting School*: 2335 non-missing values Coding [`sssdqcasenesslab`]: 0 = Normal 1 = Borderline 2 = Abnormal

Completer information

Variable	Variable Label	Details
sssdqcompage	SDQ Completer Age	Questionnaire: Categorical value Age of the member of teaching staff completing the SDQ *Born in Bradford*: 1218 non-missing values *Starting School*: 1218 non-missing values Coding [`sssdqagebandlab`]: 1 = 20-25 yrs 2 = 26-30 yrs 3 = 31-35 yrs 4 = 36-40 yrs 5 = 41-45 yrs 6 = 46-50 yrs 7 = 51-55 yrs 8 = 56-60 yrs 9 = 60+ yrs
sssdqcompethn	SDQ Completer Ethnicity	Questionnaire: Categorical value Ethnicity of the member of teaching staff completing the SDQ *Born in Bradford*: 1191 non-missing values *Starting School*: 1191 non-missing values Coding [`sssdqethnicitylab`]: 1 = White - British 2 = White - Other 3 = Mixed - White and Black 4 = Mixed - White and South Asian 5 = Black 6 = Indian 7 = Pakistani 8 = Bangladeshi 9 = Other

Variable	Variable Label	Details
sssdqcompgender	SDQ Completer Gender	Questionnaire: Categorical value Gender of the member of teaching staff completing the SDQ *Born in Bradford*: 1730 non-missing values *Starting School*: 1730 non-missing values Coding [`gender`]: 1 = Male 2 = Female
sssdqcompleter	SDQ Completer ID	Derived: Integer value Unique anonymous ID given to each SDQ completer *Born in Bradford*: Range 1 to 186 Mean 92.18 2340 non-missing values *Starting School*: Range 1 to 186 Mean 92.18 2340 non-missing values
sssdqcompposition	SDQ Completer Postion	Questionnaire: Categorical value Job title of the member of teaching staff completing the SDQ *Born in Bradford*: 2279 non-missing values *Starting School*: 2279 non-missing values Coding [`sssdqpositionlab`]: 1 = Class Teacher 2 = Head of Year 3 = Teaching Assistant 4 = Nursery Nurse 5 = Supply Teacher 6 = EY Phase Leader

Conduct problems items

Variable	Variable Label	Details
sssdqcp_fights	SDQ Conduct Item 3	Questionnaire: Categorical value ——— Conduct Subscale Item 3 (12th Item in order of the questionnaire): "OFTEN FIGHTS WITH OTHER CHILDREN. . . " ——— *Born in Bradford*: 2334 non-missing values ——— *Starting School*: 2334 non-missing values ——— Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqcp_lies	SDQ Conduct Item 4	Questionnaire: Categorical value ——— Conduct Subscale Item 4 (18th Item in order of the questionnaire): "OFTEN LIES OR CHEATS" ——— *Born in Bradford*: 2335 non-missing values ——— *Starting School*: 2335 non-missing values ——— Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqcp_steals	SDQ Conduct Item 5	Questionnaire: Categorical value ——— Conduct Subscale Item 5 (22nd Item in order of the questionnaire): "STEALS FROM HOME, SCHOOL OR ESLEWHERE" ——— *Born in Bradford*: 2330 non-missing values ——— *Starting School*: 2330 non-missing values ——— Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Variable	Variable Label	Details
sssdqcp_temper	SDQ Conduct Item 1	Questionnaire: Categorical value Conduct Subscale Item 1 (5th Item in order of the questionnaire): "OFTEN HAS TEMPER TANTRUMS OR HOT TEMPERS" *Born in Bradford*: 2333 non-missing values *Starting School*: 2333 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqcp_wellbeh	SDQ Conduct Item 2	Questionnaire: Categorical value Conduct Subscale Item 2 (7th Item in order of the questionnaire): "GENERALLY OBEDIENT. . . " *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqresponser`]: 0 = Certainly true 1 = Somewhat true 2 = Not true

Emotional symptoms items

Variable	Variable Label	Details
sssdqem_aches	SDQ Emotional Item 1	Questionnaire: Categorical value Emotional Subscale Item 1 (3rd Item in order of the questionnaire): "OFTEN COMPLAINS OF HEADACHES..." *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqem_fears	SDQ Emotional Item 5	Questionnaire: Categorical value Emotional Subscale Item 5 (24th Item in order of the questionnaire): "MANY FEARS, EASILY SCARED" *Born in Bradford*: 2328 non-missing values *Starting School*: 2328 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqem_nervous	SDQ Emotional Item 4	Questionnaire: Categorical value Emotional Subscale Item 4 (16th Item in order of the questionnaire): "NERVOUS OR CLINGY IN NEW SITUATIONS..." *Born in Bradford*: 2332 non-missing values *Starting School*: 2332 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Variable	Variable Label	Details
sssdqem_unhappy	SDQ Emotional Item 3	Questionnaire: Categorical value Emotional Subscale Item 3 (13th Item in order of the questionnaire): "OFTEN UNHAPPY, DOWNHEARTED..." *Born in Bradford*: 2334 non-missing values *Starting School*: 2334 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqem_worries	SDQ Emotional Item 2	Questionnaire: Categorical value Emotional Subscale Item 2 (8th Item in order of the questionnaire): "MANY WORRIES..." *Born in Bradford*: 2335 non-missing values *Starting School*: 2335 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Hyperactivity items

Variable	Variable Label	Details
sssdqhy_attention	SDQ Hyperactivity Item 5	Questionnaire: Categorical value Hyperactivity Subscale Item 5 (25th Item in order of the questionnaire): "SEES TASKS THROUGH TO THE END. . . " *Born in Bradford*: 2333 non-missing values *Starting School*: 2333 non-missing values Coding [`sssdqresponser`]: 0 = Certainly true 1 = Somewhat true 2 = Not true
sssdqhy_distracted	SDQ Hyperactivity Item 3	Questionnaire: Categorical value Hyperactivity Subscale Item 3 (15th Item in order of the questionnaire): "EASILY DISTRACTED, CONCENTRATION WANDERS" *Born in Bradford*: 2334 non-missing values *Starting School*: 2334 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Variable	Variable Label	Details
sssdqhy_fidget	SDQ Hyperactivity Item 2	Questionnaire: Categorical value Hyperactivity Subscale Item 2 (10th Item in order of the questionnaire): "CONSTANTLY FIDGETING OR SQUIRMING" *Born in Bradford*: 2334 non-missing values *Starting School*: 2334 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqhy_restless	SDQ Hyperactivity Item 1	Questionnaire: Categorical value Hyperactivity Subscale Item 1 (2nd Item in order of the questionnaire): "RESTLESS, OVERACTIVE. . . " *Born in Bradford*: 2335 non-missing values *Starting School*: 2335 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqhy_thinks	SDQ Hyperactivity Item 4	Questionnaire: Categorical value Hyperactivity Subscale Item 4 (21st Item in order of the questionnaire): "THINKS THINGS OUT BEFORE ACTING" *Born in Bradford*: 2333 non-missing values *Starting School*: 2333 non-missing values Coding [`sssdqresponser`]: 0 = Certainly true 1 = Somewhat true 2 = Not true

Impact supplement

Variable	Variable Label	Details
sssdqim_burden	SDQ Burden of Impact	Questionnaire: Categorical value Starting School SDQ: Impact: Do these difficulties put a burden on you or the class as a whole? *Born in Bradford*: 589 non-missing values *Starting School*: 589 non-missing values Coding [`sssdqimpactlab`]: 0 = Not at all 1 = Only a little 2 = Quite a lot 3 = A great deal
sssdqim_distress	SDQ Distress of Impact	Questionnaire: Categorical value Starting School SDQ: Impact: Do these difficulties upset or distress the child? *Born in Bradford*: 592 non-missing values *Starting School*: 592 non-missing values Coding [`sssdqimpactlab`]: 0 = Not at all 1 = Only a little 2 = Quite a lot 3 = A great deal

Variable	Variable Label	Details
sssdqim_duration	SDQ Duration of Impact	Questionnaire: Categorical value Starting School SDQ: Impact: How long have these difficulties been present? *Born in Bradford*: 585 non-missing values *Starting School*: 585 non-missing values Coding [`sssdqimpactdurlab`]: 1 = Less than a month 2 = 1-5 months 3 = 6-12 months 4 = Over a year
sssdqim_intclass	SDQ Impact on Classroom Learning	Questionnaire: Categorical value Starting School SDQ: Impact: Do these difficulties intefere with the Child's Everyday life in the following areas: Classroom Learning? *Born in Bradford*: 589 non-missing values *Starting School*: 589 non-missing values Coding [`sssdqimpactlab`]: 0 = Not at all 1 = Only a little 2 = Quite a lot 3 = A great deal

Variable	Variable Label	Details
sssdqim_intpeer	SDQ Impact on Peer Relationships	Questionnaire: Categorical value Starting School SDQ: Impact: Do these difficulties intefere with the Child's Everyday life in the following areas: Peer Relationships? *Born in Bradford*: 587 non-missing values *Starting School*: 587 non-missing values Coding [`sssdqimpactlab`]: 0 = Not at all 1 = Only a little 2 = Quite a lot 3 = A great deal
sssdqim_overall	SDQ Overall Impact	Questionnaire: Categorical value Starting School SDQ: Impact: Overall do you think that this child has difficulties in one or more of the following areas: emotions, concentration, behaviour or being able to get on with other people? (If "No" then no further questions in the Impact supple *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqimpactoveralllab`]: 1 = No 2 = Yes - Minor difficulties 3 = Yes - Definite difficulties 4 = Yes - Severe difficulties

Variable	Variable Label	Details
sssdqimscale	SDQ Impact Supplement score	Derived: Integer value The Impact Supplement score is the sum of the scores for the following Items within the Impact Repsonse: Distress + Peer Relationships + Classroom Learning (min value = 0, max value = 6) *Born in Bradford*: Range 0 to 6 Mean 0.27 2337 non-missing values *Starting School*: Range 0 to 6 Mean 0.27 2337 non-missing values

Peer problems items

Variable	Variable Label	Details
sssdqpp_adults	SDQ Peer Item 5	Questionnaire: Categorical value Peer Subscale Item 5 (23rd Item in order of the questionnaire): "GETS ON BETTER WITH ADULTS THAN OTHER CHILDREN" *Born in Bradford*: 2329 non-missing values *Starting School*: 2329 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqpp_bullied	SDQ Peer Item 4	Questionnaire: Categorical value Peer Subscale Item 4 (19th Item in order of the questionnaire): "PICKED ON OR BULLIED BY OTHER CHILDREN. . . " *Born in Bradford*: 2334 non-missing values *Starting School*: 2334 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqpp_friend	SDQ Peer Item 2	Questionnaire: Categorical value Peer Subscale Item 2 (11th Item in order of the questionnaire): "HAS AT LEAST ONE GOOD FRIEND" *Born in Bradford*: 2335 non-missing values *Starting School*: 2335 non-missing values Coding [`sssdqresponser`]: 0 = Certainly true 1 = Somewhat true 2 = Not true

Variable	Variable Label	Details
sssdqpp_liked	SDQ Peer Item 3	Questionnaire: Categorical value Peer Subscale Item 3 (14th Item in order of the questionnaire): "GENERALLY LIKED BY OTHER CHILDREN" *Born in Bradford*: 2336 non-missing values *Starting School*: 2336 non-missing values Coding [`sssdqresponser`]: 0 = Certainly true 1 = Somewhat true 2 = Not true
sssdqpp_solitary	SDQ Peer Item 1	Questionnaire: Categorical value Peer Subscale Item 1 (6th Item in order of the questionnaire): "RATHER SOLITARY, TENDS TO PLAY ALONE" *Born in Bradford*: 2336 non-missing values *Starting School*: 2336 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Prosocial items

Variable	Variable Label	Details
sssdqps_considerate	SDQ Prosocial Item 1	Questionnaire: Categorical value Prosocial Subscale Item 1 (1st Item in order of the questionnaire): "CONSIDERATE OF OTHER PEOPLE'S FEELINGS" *Born in Bradford*: 2336 non-missing values *Starting School*: 2336 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqps_helphurt	SDQ Prosocial Item 3	Questionnaire: Categorical value Prosocial Subscale Item 3 (9th Item in order of the questionnaire): "HELPFUL IF SOMEONE IS HURT..." *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqps_kind	SDQ Prosocial Item 4	Questionnaire: Categorical value Prosocial Subscale Item 4 (17th Item in order of the questionnaire): "KIND TO YOUNGER CHILDREN" *Born in Bradford*: 2324 non-missing values *Starting School*: 2324 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Variable	Variable Label	Details
sssdqps_offershelp	SDQ Prosocial Item 5	Questionnaire: Categorical value Prosocial Subscale Item 5 (20th Item in order of the questionnaire): "OFTEN VOLUNTEERS TO HELP OTHERS..." *Born in Bradford*: 2334 non-missing values *Starting School*: 2334 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true
sssdqps_shares	SDQ Prosocial Item 2	Questionnaire: Categorical value Prosocial Subscale Item 2 (4th Item in order of the questionnaire): "SHARES READILY WITH OTHER CHILDREN..." *Born in Bradford*: 2337 non-missing values *Starting School*: 2337 non-missing values Coding [`sssdqresponse`]: 0 = Not true 1 = Somewhat true 2 = Certainly true

Symptom scores

Variable	Variable Label	Details
sssdqcpscale	SDQ Conduct Subscale	Derived: Integer value The Conduct (Problems) score is the sum of the 5 items within this subscale of the SDQ, which assess symptoms associated with conduct difficultiess (min value = 0, max value = 10) *Born in Bradford*: Range 0 to 10 Mean 0.67 2337 non-missing values *Starting School*: Range 0 to 10 Mean 0.67 2337 non-missing values
sssdqemscale	SDQ Emotional Subscale	Derived: Integer value The Emotional (Problems) score is the sum of the 5 items within this subscale of the SDQ, which assess symptoms associated with emotional difficulties (min value = 0, max value = 10) *Born in Bradford*: Range 0 to 10 Mean 1.04 2336 non-missing values *Starting School*: Range 0 to 10 Mean 1.04 2336 non-missing values
sssdqexternalising	SDQ Externalising Score	Derived: Integer value The Externalising Score is the sum of the SDQ's Conduct Problems and Hyperactivity subscale Symptom scores (min value = 0, max value = 20) *Born in Bradford*: Range 0 to 20 Mean 3.29 2337 non-missing values *Starting School*: Range 0 to 20 Mean 3.29 2337 non-missing values

Variable	Variable Label	Details
sssdqhyscale	SDQ Hyperactivity Subscale	Derived: Integer value The Hyperactivity score is the sum of the 5 items within this subscale of the SDQ, which assess symptoms associated with hyperactivity and impulsivity (min value = 0, max value = 10) *Born in Bradford*: Range 0 to 10 Mean 2.63 2337 non-missing values *Starting School*: Range 0 to 10 Mean 2.63 2337 non-missing values
sssdqinternalising	SDQ Internalising Score	Derived: Integer value The Internalising Score is the sum of the SDQ's Emotional Problems and Peer Problems subscale Symptom scores (min value = 0, max value = 20) *Born in Bradford*: Range 0 to 20 Mean 2.40 2336 non-missing values *Starting School*: Range 0 to 20 Mean 2.40 2336 non-missing values
sssdqppscale	SDQ Peer Subscale	Derived: Integer value The Peer (Problems) score is the sum of the 5 items within this subscale of the SDQ, which assess symptoms associated with difficulties with peer interactions (min value = 0, max value = 10) *Born in Bradford*: Range 0 to 10 Mean 1.36 2338 non-missing values *Starting School*: Range 0 to 10 Mean 1.36 2338 non-missing values

Variable	Variable Label	Details
sssdqpsscale	SDQ Prosocial Subscale	Derived: Integer value The Prosocial score is the sum of the 5 items within this subscale of the SDQ, which assess positive behaviours associated with prosociality (min value = 0, max value = 10) *Born in Bradford*: Range 0 to 10 Mean 7.48 2338 non-missing values *Starting School*: Range 0 to 10 Mean 7.48 2338 non-missing values
sssdqtotaldiff	SDQ Total Difficulty Score	Derived: Integer value The Total Difficulty Score is the sum of the SDQ's Emotional, Peer, Hyperactivty and Conduct problems subscale Symptom scores (min value = 0, max value = 40) *Born in Bradford*: Range 0 to 40 Mean 5.69 2335 non-missing values *Starting School*: Range 0 to 40 Mean 5.69 2335 non-missing values