**MLS Variables (Age 11)**

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| **Variable No** | **Variable**  **Name** | **Variable**  **Label** |
| 1 | ID\_No | Identification number of participants |
| 2 | Gender | Gender of participant |
| 3 | Month\_year\_of\_birth | Month and year of birth |
| 4 | Sec\_statement | Does the child have a statement of special educational needs at secondary level? |
| 5 | Sec\_support | Does the child have support at secondary level? |
| 6 | Y7PmentType | Year 7 placement type |
| 7 | Year\_grp | School year group the child is in |
| 8 | Dot | Date of testing |
| 9 | Age\_mths | age (months) |
| 10 | bpvs\_rs | British Picture Vocabulary Scale raw score |
| 11 | bpvs\_ss | British Picture Vocabulary Scale standard score |
| 12 | bpvs\_cen | British Picture Vocabulary Scale centile |
| 13 | wpc\_rs | wisc picture completion raw score |
| 14 | wpc\_ss | wisc picture completion scaled score |
| 15 | wbd\_rs | wisc block design raw score |
| 16 | wbd\_ss | wisc block design scaled score |
| 17 | wds\_rs | wisc digit span raw score |
| 18 | wds\_ss | wisc digit span scaled score |
| 19 | wv\_rs | wisc vocabulary raw score |
| 20 | wv\_ss | wisc vocabulary scaled score |
| 21 | wc\_rs | wisc comprehension raw score |
| 22 | wc\_ss | wisc comprehension scaled score |
| 23 | iq\_verb | wisc verbal iq score |
| 24 | iqv\_cen | wisc verbal iq centile |
| 25 | iq\_perf | wisc performance iq score |
| 26 | iqp\_cen | wisc performance iq centile |
| 27 | pcts\_5 | picture completion T score |
| 28 | pc\_iq | picture completion iq score |
| 29 | pc\_cen | picture completion iq centile |
| 30 | bdts | block design T score |
| 31 | bd\_iq | Block design iq score |
| 32 | bd\_cen | block design iq centile |
| 33 | dsts | digit span T score |
| 34 | ds\_iq | digit span iq |
| 35 | ds\_cen | digit span iq centile |
| 36 | vts | vocabulary T score |
| 37 | v\_iq | vocabulary iq |
| 38 | v\_cen | vocabulary iq centile |
| 39 | cts | comprehension T score |
| 40 | c\_iq | comprehension iq |
| 41 | c\_cen\_11 | comprehension iq centile |
| 42 | evt\_rs | evt raw score |
| 43 | evt\_ss | evt standard score |
| 44 | evt\_cen | evt centile |
| 45 | trog\_rs | trog raw score |
| 46 | trog\_cen | trog centile |
| 47 | P\_trog\_mid\_11 | trog centile midpoint score |
| 48 | P\_cnrep\_rs\_11 | cnrep raw score at 11 |
| 49 | P\_cnrep\_ss\_11 | cnrep standard score |
| 50 | P\_cnrp\_cen\_11 | cnrep centile |
| 51 | P\_cnrp\_mid\_11 | cnrep centile midpoint score |
| 52 | P\_cnrp\_ae\_11 | cnrep age equivalent |
| 53 | P\_cnrep\_2s\_11 | cnrep score for 2 syllable words |
| 54 | P\_cnrep\_3s\_11 | cnrep score for 3 syllable words |
| 55 | P\_cnrep\_4s\_11 | cnrep scores for 4 syllable words |
| 56 | P\_cnrep\_5s\_11 | cnrep scores for 5 syllable words |
| 57 | P\_past\_rs\_11 | PT raw score at 11 |
| 58 | P\_past\_inc\_11 | past tense task - incorrect items |
| 59 | P\_crecs\_rs\_11 | celf recalling sentences raw score |
| 60 | P\_crecs\_ss\_11 | celf recalling sentences scaled score |
| 61 | P\_crs\_cen\_11 | celf recalling sentences centile |
| 62 | P\_cwass\_rs\_11 | celf word associations raw score |
| 63 | P\_cwass\_ss\_11 | celf word associations scaled score |
| 64 | P\_cwa\_cen\_11 | celf word associations centile |
| 65 | P\_wrdbr\_rs\_11 | word basic reading raw score |
| 66 | P\_wrdbr\_ss\_11 | word basic reading standard score |
| 67 | P\_wdbr\_cen\_11 | word basic reading centile |
| 68 | P\_wrdrc\_rs\_11 | word reading comprehension raw score |
| 69 | P\_wrdrc\_ss\_11 | word reading comprehension standard score at 11 |
| 70 | P\_wdrc\_cen\_11 | word reading comprehension centile |
| 71 | P\_tps\_rs\_11 | third person singular task raw score |
| 72 | P\_tps\_perc\_11 | third person singular task - percentage correct |
| 73 | P\_verb\_ana\_11 | raw score verbal analogies task |
| 74 | P\_sem\_choi\_11 | raw score semantic choices task |
| 75 | P\_inferen\_11 | raw score inferences task |
| 76 | P\_mlis\_1\_11 | During this week another child in school has, called me names - item 1 |
| 77 | P\_mlis\_2\_11 | During this week another child in school has, said something nice to me - item 2 |
| 78 | P\_mlis\_2r\_11 | During this week another child in school has, said something nice to me - item 2 (Reversed) |
| 79 | P\_mlis\_3\_11 | During this week another child in school, was nasty about my family - item 3 |
| 80 | P\_mlis\_4\_11 | During this week another child in school has, tried to kick me - item 4 |
| 81 | P\_mlis\_5\_11 | During this week another child in school, was very nice to me - item 5 |
| 82 | P\_mlis\_5r\_11 | During this week another child in school was very nice to me - item 5 (Reversed) |
| 83 | P\_mlis\_6\_11 | During this week another child in school was unkind because I'm different - item 6 |
| 84 | P\_mlis\_7\_11 | During this week another child in school gave me a present - item 7 |
| 85 | P\_mlis\_7r\_11 | During this week another child in school gave me a present - item 7 reversed |
| 86 | P\_mlis\_8\_11 | During this week another child in school, said they'd beat me up - item 8 |
| 87 | P\_mlis\_9\_11 | During this week another child in school, gave me some money - item 9 |
| 88 | P\_mlis\_9r\_11 | During this week another child in school gave me some money - item 9 (Reversed) |
| 89 | P\_mlis\_10\_11 | During this week another child in school, tried to make me give them money - item 10 |
| 90 | P\_mlis\_11\_11 | During this week another child in school has, tried to frighten me - item 11 |
| 91 | P\_mlis\_12\_11 | During this week another child in school, asked me a stupid question - item 12 |
| 92 | P\_mlis\_13\_11 | During this week another child in school, lent me something - item 13 |
| 93 | P\_mlis\_13r\_11 | During this week another child in school, lent me something - item 13 reversed |
| 94 | P\_mlis\_14\_11 | During this week another child in school has stopped me playing a game - item 14 |
| 95 | P\_mlis\_15\_11 | During this week another child in school, was unkind about something I did - item 15 |
| 96 | P\_mlis\_16\_11 | During this week another child in school, talked about clothes with me - item 16 |
| 97 | P\_mlis\_16r\_11 | During this week another child in school, talked about clothes with me - item 16 reversed |
| 98 | P\_mlis\_17\_11 | During this week another child in school, told me a joke - item 17 |
| 99 | P\_mlis\_17r\_11 | During this week another child in school, told me a joke - item 17 reversed |
| 100 | P\_mlis\_18\_11 | During this week another child in school, told me a lie - item 18 |
| 101 | P\_mlis\_19\_11 | During this week another child in school, got a gang on me - item 19 |
| 102 | P\_mlis\_20\_11 | During this week another child in school, tried to make me hurt other people - item 20 |
| 103 | P\_mlis\_21\_11 | During this week another child in school, smiled at me - item 21 |
| 104 | P\_mlis\_21r\_11 | During this week another child in school, smiled at me - item 21 reversed |
| 105 | P\_mlis\_22\_11 | During this week another child in school, tried to get me into trouble - item 22 |
| 106 | P\_mlis\_23\_11 | During this week another child in school, helped my carry something - item 23 |
| 107 | P\_mlis\_23r\_11 | During this week another child in school, helped my carry something - item 23 reversed |
| 108 | P\_mlis\_24\_11 | During this week another child in school, tried to hurt me - item 24 |
| 109 | P\_mlis\_25\_11 | During this week another child in school, helped me with my class work - item 25 |
| 110 | P\_mlis\_25r\_11 | During this week another child in school, helped me with my class work - item 25 reversed |
| 111 | P\_mlis\_26\_11 | During this week another child in my school, made me do something I did not want to do - item 26 |
| 112 | P\_mlis\_27\_11 | During this week another child in my school, talked about TV with me - item 27 |
| 113 | P\_mlis\_27r\_11 | During this week another child in my school, talked about TV with me - item 27 reversed |
| 114 | P\_mlis\_28\_11 | During this week another child in my school, took something off me - item 28 |
| 115 | P\_mlis\_29\_11 | During this week another child in my school, shared something with me - item 29 |
| 116 | P\_mlis\_29r\_11 | During this week another child in my school, shared something with me - item 29 reversed |
| 117 | P\_mlis\_30\_11 | During this week another child in my school, was rude about the colour of my skin - item 30 |
| 118 | P\_mlis\_31\_11 | During this week another child in my school, shouted at me - item 31 |
| 119 | P\_mlis\_32\_11 | During this week another child in my school, played a game with me - item 32 |
| 120 | P\_mlis\_32r\_11 | During this week another child in my school, played a game with me - item 32 reversed |
| 121 | P\_mlis\_33\_11 | During this week another child in my school, tried to trip me up - item 33 |
| 122 | P\_mlis\_34\_11 | During this week another child in my school, talked about things I like - item 34 |
| 123 | P\_mlis\_34r\_11 | During this week another child in my school, talked about things I like - item 34 reversed |
| 124 | P\_mlis\_35\_11 | During this week another child in my school, laughed at me horribly - item 35 |
| 125 | P\_mlis\_36\_11 | During this week another child in my school, said they would tell on me - item 36 |
| 126 | P\_mlis\_37\_11 | During this week another child in my school, tried to break something of mine - item 37 |
| 127 | P\_mlis\_38\_11 | During this week another child in my school, told a lie about me - item 38 |
| 128 | P\_mlis\_39\_11 | During this week another child in my school, tried to hit me - item 39 |
| 129 | P\_mlis\_tot\_11 | my life in school total score |
| 130 | P\_mlis\_smi\_11 | mlis - smiths bullying index |
| 131 | P\_mlis\_st\_11 | mlis - smiths total score |
| 132 | P\_mlis\_bul\_11 | mlis - bullying score |
| 133 | P\_mlis\_exc\_11 | mlis - exclusion score |
| 134 | P\_msad\_1\_11 | SDQ1 - I try to be nice to other people, I care about their feelings |
| 135 | P\_msad\_2\_11 | SDQ2 - I am restless, I cannot stay still for long |
| 136 | P\_msad\_3\_11 | SDQ3 - I get a lot of headaches, stomach aches or sickness |
| 137 | P\_msad\_4\_11 | SDQ4 - I usually share with other children |
| 138 | P\_msad\_5\_11 | SDQ5 - I get very angry and often lose my temper |
| 139 | P\_msad\_6\_11 | SDQ6 - I am usually on my own. I generally play alone or keep to myself |
| 140 | P\_msad\_7\_11 | SDQ7 - I usually do what I am told |
| 141 | P\_msad\_7r\_11 | SDQ7 - I usually do what I am told - reversed |
| 142 | P\_msad\_8\_11 | SDQ8 - I worry a lot |
| 143 | P\_msad\_9\_11 | SDQ9 - I am helpful if someone is hurt upset or feeling ill |
| 144 | P\_msad\_10\_11 | SDQ10 - I am constantly fidgeting or squirming |
| 145 | P\_msad\_11\_11 | SDQ11 - I have one good friend or more |
| 146 | P\_msad\_11r\_11 | SDQ11 - I have one good friend or more - reversed |
| 147 | P\_msad\_12\_11 | SDQ12 - I fight a lot. |
| 148 | P\_msad\_13\_11 | SDQ13 - I am often unhappy, downhearted or tearful |
| 149 | P\_msad\_14\_11 | SDQ14 - Other children my age generally like me |
| 150 | P\_msad\_14r\_11 | SDQ14 - Other children my age generally like me - reversed |
| 151 | P\_msad\_15\_11 | SDQ15 - I am easily distracted. I find it difficult to concentrate |
| 152 | P\_msad\_16\_11 | SDQ16 - I am nervous in new situations. I easily lose confidence |
| 153 | P\_msad\_17\_11 | SDQ17 - I am kind to you younger children |
| 154 | P\_msad\_18\_11 | SDQ18 - I am often accused of lying or cheating |
| 155 | P\_msad\_19\_11 | SDQ19 - Other children or young people pick on me or bully me |
| 156 | P\_msad\_20\_11 | SDQ20 - I often volunteer to help others |
| 157 | P\_msad\_21\_11 | SDQ21 - I think before I do things |
| 158 | P\_msad\_21r\_11 | SDQ21 - I think before I do things - reversed |
| 159 | P\_msad\_22\_11 | SDQ22 - I take thinks that are not mine from home, school or elsewhere |
| 160 | P\_msad\_23\_11 | SDQ23 - I get on better with adults than I do with people my own age |
| 161 | P\_msad\_24\_11 | SDQ24 - I have many fears, I am easily scared |
| 162 | P\_msad\_25\_11 | SDQ25 - I finish the work I am doing, my attention is good |
| 163 | P\_msad\_25r\_11 | SDQ25 - I finish the work I am doing, my attention is good - reversed |
| 164 | P\_msad\_pro\_11 | msad - prosocial scale |
| 165 | P\_msad\_hyp\_11 | msad - hyperactivity scale |
| 166 | P\_msad\_emo\_11 | msad - emotional symptoms scale |
| 167 | P\_msad\_con\_11 | msad - conduct problems scale |
| 168 | P\_msad\_pee\_11 | msad - peer problems scale |
| 169 | P\_msad\_dif\_11 | msad - total difficulties |
| 170 | P\_tq\_a1\_11 | TQ Child's former placement |
| 171 | P\_tq\_a2\_11 | TQ Child's current placement |
| 172 | P\_tq\_a3\_11 | TQ Residential status of current placement |
| 173 | P\_tq\_a4\_11 | TQ Time at current school (months) |
| 174 | P\_tq\_a5\_11 | TQ Is child appropriately placed? |
| 175 | P\_tq\_a6\_11 | TQ Does the child needs more support? |
| 176 | P\_tq\_b1\_11 | Child's participation in class activity |
| 177 | P\_tq\_b2\_11 | Relationship with peers in class |
| 178 | P\_tq\_jrs\_11 | junior rating scale |
| 179 | P\_tq\_c1\_11 | TQC1 - The child finds it hard to make friends or finds it easy to make friends |
| 180 | P\_tq\_c2\_11 | TQC2 - The child has a lot of friends or doesn't have many friends |
| 181 | P\_tq\_c3\_11 | TQC3 - This child is popular with others his/her age or is not very popular |
| 182 | P\_tq\_hart\_11 | Harter Competence Scale total (derived from teacher questions) |
| 183 | P\_d1\_11 | TQD1 - Considerate of other people's feelings |
| 184 | P\_d2\_11 | TQD2 - Restless, overactive, cannot stay still for long |
| 185 | P\_d3\_11 | TQD3 - Often complains of headaches, stomach aches or sickness |
| 186 | P\_d4\_11 | TQD4 - Shares readily with other children |
| 187 | P\_d5\_11 | TQD5 - Often has temper tantrums or hot tempers |
| 188 | P\_d6\_11 | TQD6 - Rather solitary, tends to play alone |
| 189 | P\_d7\_11 | TQD7 - Generally obedient, usually does what adults request |
| 190 | P\_d7\_r\_11 | TQD7 - Generally obedient, usually does what adults request (Reversed) |
| 191 | P\_d8\_11 | TQD8 - Many worries, often seems worried |
| 192 | P\_d9\_11 | TQD9 - Helpful if someone is hurt, upset or feeling ill |
| 193 | P\_d10\_11 | TQD10 - Constantly fidgeting or squirming |
| 194 | P\_d11\_11 | TQD11 - Has at least one good friend |
| 195 | P\_d11\_r\_11 | TQD11 - Has at least one good friend (Reversed) |
| 196 | P\_d12\_11 | TQD12 - Often fights with other children |
| 197 | P\_d13\_11 | TQD13 - Often unhappy, downhearted or tearful |
| 198 | P\_d14\_11 | TQD14 - Generally liked by other children |
| 199 | P\_d14\_r\_11 | TQD14 - Generally liked by other children (Reversed) |
| 200 | P\_d15\_11 | TQD15 - Easily distracted, concentration wanders |
| 201 | P\_d16\_11 | TQD16 - Nervous or clingy in new situations, easily loses confidence |
| 202 | P\_d17\_11 | TQD17 - Kind to younger children |
| 203 | P\_d18\_11 | TQD18 - Often lies or cheats |
| 204 | P\_d19\_11 | TQD19 - Picked on or bullied by other children |
| 205 | P\_d20\_11 | TQD20 - Often volunteers to help others |
| 206 | P\_d21\_11 | TQD21 - Thinks things out before acting |
| 207 | P\_d21\_r\_11 | TQD21 - Thinks things out before acting (Reversed) |
| 208 | P\_d22\_11 | TQD22 - Steals from home, school or elsewhere |
| 209 | P\_d23\_11 | TQD23 - Gets on better with adults than with other children |
| 210 | P\_d24\_11 | TQD24 - Many fears easily scared |
| 211 | P\_d25\_11 | TQD25 - Sees tasks through to the end, good attention span |
| 212 | P\_d25\_r\_11 | TQD25 - Sees tasks through to the end, good attention span (Reversed) |
| 213 | P\_d26\_11 | TQD26 - Truants from school |
| 214 | P\_d27\_11 | TQD27 - Often destroys own or other's belongings |
| 215 | P\_d28\_11 | TQD28 - Has twitches, mannerisms or tics of the face and body |
| 216 | P\_d29\_11 | TQD29 - Frequently sucks thumb or finger - item d29 |
| 217 | P\_d30\_11 | TQD30 - Frequently bites nails or fingers |
| 218 | P\_d31\_11 | TQD31 - Tends to be absent from school for trivial reasons |
| 219 | P\_d32\_11 | TQD32 - Fussy or over particular child |
| 220 | P\_d33\_11 | TQD33 - Is inert, unresponsive or apathetic |
| 221 | P\_d34\_11 | TQD34 - Often complains of aches and pains |
| 222 | P\_d35\_11 | TQD35 - Has had tears on arrival to school or refused to enter |
| 223 | P\_d36\_11 | TQD36 - Has a stutter or a stammer |
| 224 | P\_d37\_11 | TQD37 - Is resentful or angry often |
| 225 | P\_d38\_11 | TQD38 - Bullies other children |
| 226 | P\_tq\_pro\_11 | goodman prosocial subscale |
| 227 | P\_tq\_hyp\_11 | goodman hyperactivity subscale |
| 228 | P\_tq\_emo\_11 | goodman emotional subscale |
| 229 | P\_tq\_con\_11 | goodman conduct subscale |
| 230 | P\_tq\_peer\_11 | goodman peer subscale |
| 231 | P\_tq\_good\_11 | goodman total |
| 232 | P\_tq\_rutt\_11 | rutter total |
| 233 | P\_c\_i\_11 | CARS item i - Relating to people |
| 234 | P\_c\_ii\_11 | CARS item ii - Imitation |
| 235 | P\_c\_iii\_11 | CARS item iii - Emotional response |
| 236 | P\_c\_iv\_11 | CARS item iv - Body use |
| 237 | P\_c\_v\_11 | CARS item v - Object use |
| 238 | P\_c\_vi\_11 | CARS item vi - Adaptation to change |
| 239 | P\_c\_vii\_11 | CARS item vii - Visual response |
| 240 | P\_c\_viii\_11 | CARS item viii - Listening response |
| 241 | P\_c\_ix\_11 | CARS item ix - Taste, smell, and touch response and use |
| 242 | P\_c\_x\_11 | CARS item x - Fear or nervousness |
| 243 | P\_c\_xi\_11 | CARS item xi - Verbal communication |
| 244 | P\_c\_xii\_11 | CARS item xii - Nonverbal communication |
| 245 | P\_c\_xiii\_11 | CARS item xiii - Activity level |
| 246 | P\_c\_xiv\_11 | CARS item xiv - Level of consistency of intellectual response |
| 247 | P\_c\_xv\_11 | CARS item xv - General impressions |
| 248 | P\_cars\_tot\_11 | cars total score |
| 249 | P\_cars\_cat\_11 | cars categorisation |
| 250 | P\_ccc\_a\_11 | ccc subscale a (speech) |
| 251 | P\_ccc\_b\_11 | ccc subscale b (syntax) |
| 252 | P\_ccc\_c\_11 | ccc subscale c (inappropriate initiation) |
| 253 | P\_ccc\_d\_11 | ccc subscale d (coherence) |
| 254 | P\_ccc\_e\_11 | ccc subscale e (stereotyped conv) |
| 255 | P\_ccc\_f\_11 | ccc subscale f (use of context) |
| 256 | P\_ccc\_g\_11 | ccc subscale g (rapport) |
| 257 | P\_ccc\_h\_11 | ccc subscale h (social) |
| 258 | P\_ccc\_i\_11 | ccc subscale i (interests) |
| 259 | P\_ccc\_prag\_11 | ccc pragmatic composite |
| 260 | P\_prag\_cut\_11 | ccc pragmatic composite cut-off |
| 261 | P\_soc\_cut\_11 | ccc social subscale cut-off |
| 262 | P\_int\_cut\_11 | ccc interests subscale cut-off |
| 263 | P\_soc\_int\_11 | ccc social or interests impairment |
| 264 | P\_ccc\_grp\_11 | ccc group |
| 265 | KS2\_engteach1\_11 | KS2 english teacher assessment1 speak & listen |
| 266 | KS2\_engteach2\_11 | KS2 english teacher assessment 2 reading |
| 267 | KS2\_engteach3\_11 | KS2 english teacher assessment 3 writing |
| 268 | KS2\_engteach\_11 | KS2 english teacher assessment level |
| 269 | KS2\_engtest1\_11 | KS2 english test result 1 reading |
| 270 | KS2\_engtest2\_11 | KS2 english test result 2 writing |
| 271 | KS2\_engtestl\_11 | KS2 english test result level |
| 272 | KS2\_mathsteach\_11 | KS2 maths teacher assessment level |
| 273 | KS2\_mathstest\_11 | KS2 maths test result level |
| 274 | KS2\_scienceteach\_11 | KS2 science teacher assessment level |
| 275 | KS2\_sciencetest\_11 | KS2 science test result level |
| 276 | KS2\_englishentered\_11 | KS2 not/entered for english sat |
| 277 | KS2\_englishlevel2\_11 | KS2 english sats - >/<2 |
| 278 | KS2\_mathsentered11 | KS2 not/entered for maths sat |
| 279 | KS2\_mathslevel2\_11 | KS2 maths sats - >/<2 |
| 280 | KS2\_scienceentered\_11 | KS2 not/entered for science sat |
| 281 | KS2\_sciencelevel2\_11 | KS2 science sats - >/<2 |
| 282 | KS2\_support\_11 | KS2 sats - overall support or not |
| 283 | KS2\_reader\_11 | KS2 sats - reader for any test |
| 284 | KS2\_scribe\_11 | KS2 sats - scribe for any test |
| 285 | KS2\_extratime\_11 | KS2 sats - extra time for any test |
| 286 | KS2\_other\_11 | KS2 sats - other support for any test |