Supplementary Table 5: Descriptive statistics of key demographics, outcomes and predictors of trajectory membership

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| **Variable** | **Categories** | **n %; Median IQR**  |
| Sex | Male  | 51% |
|   | Female | 49% |
| Maternal age |   | 28 (25, 31)  |
| Home Ownership Status at Birth | Owned  | 74% |
|   | Rented | 26% |
| Marital Status at Birth | Not Married  | 26% |
|   | Married | 74% |
| Parity | No previous children  | 45% |
|   | 1 | 33% |
|   | 2 | 15% |
|   | 3 | 5% |
|   | 4 | 2% |
|   | 5+ | 1% |
| Ethnicity | White  | 97% |
|   | BAME | 3% |
| Mother's BMI | Underweight | 6% |
|   | Normal weight | 70% |
|   | Overweight | 17% |
|   | Obese | 7% |
| Mother's education level | CSA or none  | 22% |
|   | Vocational | 10% |
|   |  O level | 33% |
|   |  A level | 22% |
|   |  Degree | 13% |
| Partner's education level | CSA or none  | 28% |
|   | Vocational | 9% |
|   |  O level | 20% |
|   |  A level | 24% |
|   |  Degree | 19% |
| Birthweight kg  |   | 3.42 (3.10, 3.74)  |
| Gestation Category | Extremely Preterm | 0% |
|   | Very Preterm | 1% |
|   | Late Preterm | 5% |
|   | On Time | 94% |
|   | Post-term | 1% |
| Maternal smoking in 2nd trimester | No | 80% |
|   | Yes | 20% |
| Household Occupational Class | I - Professional | 9% |
|   | II - Managerial and technical | 27% |
|   | IIINM - Skilled non-manual | 12% |
|   | IIIM - Skilled manual | 38% |
|   | IV - Partly skilled | 8% |
|   | V - Unskilled | 5% |
| Temperament 5yrs 9m  |   | 17.0 (15.0, 20.0)  |
| IQ | Exceptionally Low | 4% |
|   | Low | 8% |
|   | Low Average | 13% |
|   | Average | 41% |
|   | High Average | 17% |
|   | High | 10% |
|   | Exceptionally High | 8% |
| Cognitive Skills |   | 2.00 (1.93, 2.00)  |
| Autistic Social and Communication Traits 7yrs7m  |   | 3.0 (1.0, 5.0)  |
| Self Esteem 8yrs  | Scholastic Competence | 17.0 (14.0, 20.0)  |
|   | Global Self-Worth | 20.0 (17.0, 22.0)  |
| Sibling Relationship |   | 32.0 (28.0, 36.0)  |
| Maternal care 6m |   | 20.0 (19.0, 21.0)  |
| Maternal care 18m |   | 33.0 (31.0, 35.0)  |
| Maternal care 24m |   | 35.0 (33.0, 36.0)  |
| Maternal care 38m |   | 26.0 (23.0, 27.0)  |
| Maternal care 6yrs 9m |   | 49 (44, 53)  |
| Maternal care 9y |   | 39 (34, 45)  |
| Maternal care 11y |   | 37 (33, 41)  |
| Friendships |   | 21.00 (20.00, 23.00)  |
| School Attendance | Low ≤ 10  | 92% |
|   | High >10 days | 8% |
| Extracurricular Activity 6yrs 9m | No  | 33% |
|   | Yes | 67% |
| Extracurricular Activity 9yrs | No  | 21% |
|   | Yes | 79% |
| Extracurricular Activity 16yrs | No  | 61% |
|   | Yes | 39% |
| Engagement with Religion | No  | 47% |
|   | Yes | 53% |
| Rutter Behaviour Scale 3yrs 6m  | Total difficulties score | 8.0 (6.0, 12.0 ) |
| SDQ 6yrs 9m  | Total difficulties score | 7.0 (4.0, 10.0)  |
| SDQ 9yrs 7m  | Total difficulties score | 6.0 (3.0, 9.0)  |
| SDQ 11yrs 8m  | Total difficulties score | 6.0 (3.0, 9.0)  |
| SDQ 13yrs 1m  | Total difficulties score | 6.0 (3.0, 9.0)  |
| SDQ 16yrs 6m  | Total difficulties score | 5.0 (3.0, 9.0)  |
| Resilience 3yrs 6m  |   | 0.3 (-2.8, 3.2)  |
| Resilience 6yrs 9m  |   | -0.1 (-3.2, 2.6) |
| Resilience 9yrs 7m  |   | 0.7 (-2.5, 3.3) |
| Resilience 11yrs 8m  |   | 0.8 (-2.3, 3.1) |
| Resilience 13yrs 1m  |   | 0.8 (-2.5, 3.3)  |
| Resilience 16yrs 6m  |   | 0.8 (-2.3, 3.2)  |