Supplementary Figure 1
SNAP cohort participation over waves 1-3

Total population age 9-10 years (N=56,946)

On Special Needs Register OR local diagnosis of ASD (N-1770) screened with SCQ

Responded and opted in N=1035
Selected for in-depth assessment N=363

Seen and assessed for ASD @ 12 years old N=255

WAVE 1: SNAP ASD sample @ 12 years N=158

WAVE 2: SNAP ASD sample @16 years (IQ>=50) N=90 N=45

WAVE 3: SNAP ASD SAMPLE @ 23 years N=126

Assessment completed with parent & young adult = 106
Parent only assessment = 16
Young adult only assessment = 4

Dropout:
2 = Deceased
9 = Not traced
17 = Refused
4 = Not seen during study time period
### Supplementary Table 1 – Overall tests of predictors

| Predictor                                                      | p-value |
|---------------------------------------------------------------|---------|
| School (non-mainstream vs mainstream)                         | 0.698   |
| Parental education                                            | 0.003   |
| (ref category: No education or O-levels equivalent)           |         |
| Carstairs deprivation                                         | 0.002   |
| ADOS G Severity Score                                         | 0.031   |
| Behaviours in infancy (DISCO)                                 | 0.128   |
| VABS                                                          | 0.006   |
| ADOS module 1 (ref category: ADOS module 3)                   | 0.014   |
| ADOS Module 2 (ref category: ADOS module 3)                   | 0.001   |
| Maternal GHQ total                                            | 0.726   |
| Parent history of MH problems (Y vs N)                        | 0.076   |