

Supplemental Table 3: Missingness rates on key covariates and outcome variables across the whole cohort, analytical sample and excluded sample.

| Covariate | Whole cohort (n=4,275) | Analytical Sample (n=3,018) | Excluded Sample (n=1,257) |
|---|---------------------------|--------------------------------|------------------------------|
| Maternal age at birth, mean (sd) | 27.6 (6.6) | 27.9 (6.5) | 27.0 (6.9) |
| Missing data (n) | 1 | 0 | 1 |
| Maternal education, mean (sd) | 10.0 (4.0) | 10.4 (3.9) | 9.1 (4.1) |
| Missing data (n) | 1 | 0 | 1 |
| Paternal education, mean (sd) | 9.4 (4.1) | 9.5 (4.0) | 9.1 (4.3) |
| Missing data (n) | 252 | 0 | 252 |
| Family income at birth, mean (sd) | 3057.0 (4123.5) | 3119.0 (4091.1) | 2869 (4216.6) |
| Missing data (n) | 259 | 0 | 259 |
| Asset index at birth, mean (sd) | 0.0 (2.5) | 0.1 (2.4) | -0.3 (2.6) |
| Missing data (n) | 148 | 0 | 148 |
| Resident density at birth, mean (sd) | 2.7 (1.0) | 2.6 (0.9) | 2.7 (1.1) |
| Missing data (n) | 172 | 0 | 172 |
| Neighborhood violence, mean (sd) | 2.8 (2.8) | 2.8 (2.7) | 2.8 (2.8) |
| Missing data (n) | 314 | 0 | 314 |
| Child weight at birth(g) , mean (sd) | 3170 (564.2) | 3205 (536.2) | 3085 (619.2) |
| Missing (n) | 17 | 0 | 17 |
| No. of prenatal consultations, n(%) | | | |
| <6 | 674 (15.8) | 357 (11.8) | 317 (25.6) |
| ≥6 | 3583 (84.2) | 2661 (88.2) | 922 (74.4) |
| Missing (n) | 18 | 0 | 18 |
| Maternal depression symptoms at 3 months, n(%) | | | |
| Yes | 831 (20.3) | 566 (18.8) | 265(24.6) |
| No | 3264 (79.7) | 2452 (81.2) | 812 (75.4) |
| Missing data (n) | 180 | 0 | 180 |
| Gestational age, n(%) | | | |
| <37 weeks | 663 (15.5) | 408 (13.5) | 255 (20.3) |
| ≥37 weeks | 3612 (84.5) | 2610 (86.5) | 1002 (79.7) |
| Missing data (n) | 0 | 0 | 0 |
| Apgar at the 5th minute, n(%) | | | |
| <7 | 54 (1.3) | 26 (0.9) | 28 (2.3) |
| ≥7 | 4206 (98.7) | 2992 (99.1) | 1214 (97.7) |
| Missing data (n) | 15 | 0 | 15 |
| No. of kids living with mother at birth, n(%) | | | |
| 0 | 2174 (50.9) | 1572 (52.1) | 602 (48.0) |
| 1 | 1341 (31.4) | 970 (32.1) | 371 (29.5) |
| 2 | 453 (10.6) | 310 (10.3) | 143 (11.4) |
| 3 | 169 (4.0) | 98 (3.2) | 71 (5.7) |
| 4+ | 13 (3.2) | 68 (2.3) | 68 (5.4) |
| Missing data (n) | 2 | 0 | 2 |
| Mother's skin color/race, n(%) | | | |
| White | 3024 (70.9) | 2193 (72.7) | 831 (66.5) |
| Black | 667 (15.6) | 447 (14.8) | 220 (17.6) |
| Mixed race | 551 (12.9) | 361 (12.0) | 190 (15.2) |
| Asian | 16 (0.4) | 11 (0.4) | 5 (0.4) |
| Indigenous | 10 (0.2) | 6 (0.2) | 4 (0.3) |
| Missing data (n) | 7 | 0 | 7 |
| Father's degree of pregnancy support, n(%) | | | |
| Little support | 462 (11.0) | 254 (8.4) | 208 (17.6) |
| Much support | 3736 (89.0) | 2764 (91.6) | 972 (82.4) |
| Missing data (n) | 77 | 0 | 77 |
| Mother lives with partner at birth , n(%) | | | |
| Yes | 3667 (85.8) | 2715 (90.0) | 952 (75.8) |
| No | 607 (14.2) | 303 (10.0) | 304 (24.2) |
| Missing (n) | 1 | 0 | 1 |
| Main caregiver until 3 months , n(%) | | | |
| Mother | 3941 (95.9) | 2929 (97.1) | 1012 (92.8) |
| Other | 168 (4.1) | 89 (2.9) | 79 (7.2) |
| Missing (n) | 166 | 0 | 166 |
| Mother smoked during pregnancy, n(%) | | | |
| Yes | 705 (16.5) | 422 (14.0) | 283 (22.6) |

| | | | |
|--|-------------|-------------|-------------|
| No | 3567 (83.5) | 2596 (86.0) | 971 (77.4) |
| Missing (n) | 3 | 0 | 3 |
| Mother drank alcohol during pregnancy, n(%) | | | |
| Yes | 315 (7.4) | 216 (7.2) | 99 (7.9) |
| No | 3957 (92.6) | 2802 (92.8) | 1155 (92.1) |
| Missing (n) | 3 | 0 | 3 |
| Maternal diabetes during pregnancy, n(%) | | | |
| Yes | 366 (8.6) | 272 (9.0) | 94 (7.5) |
| No | 3906 (91.4) | 2746 (91.0) | 1160 (92.5) |
| Missing (n) | 3 | 0 | 3 |
| Mother paid worked during pregnancy, n(%) | | | |
| Yes | 2379 (55.7) | 1779 (58.9) | 656 (52.2) |
| No | 1895 (44.3) | 1239 (41.1) | 600 (47.8) |
| Missing (n) | 1 | 0 | 1 |
| Mother arterial hypertension during pregnancy, n(%) | | | |
| Yes | 1089 (25.5) | 768 (25.4) | 321 (25.6) |
| No | 3183 (74.5) | 2250 (74.6) | 933 (74.4) |
| Missing (n) | 3 | 0 | 3 |
| Pregnancy planned, n(%) | | | |
| Yes | 2058 (48.2) | 1578 (52.3) | 480 (38.2) |
| No | 2216 (51.8) | 1578 (47.7) | 776 (61.8) |
| Missing (n) | 1 | 0 | 1 |
| Child sex, n(%) | | | |
| Male | 2164 (50.6) | 1554 (51.5) | 610 (48.5) |
| Female | 2111 (49.4) | 1464 (48.5) | 647 (51.5) |
| Missing (n) | 0 | 0 | 0 |
| Preschool attendance, n(%) | | | |
| No preschool attendance (0-2 years) | 2615 (66.9) | 1971 (65.6) | 644 (72.5) |
| Some preschool attendance (0-2 years) | 886 (22.7) | 702 (23.3) | 184 (20.7) |
| Full preschool attendance (0-2 years) | 405 (10.4) | 345 (11.4) | 60 (6.8) |
| Missing (n) | 369 | 0 | 369 |
| Any enrolment in PIM up to age 4, n(%) | | | |
| Yes | 797 (18.6) | 587 (19.4) | 210 (17.0) |
| No | 3454 (81.3) | 2431 (80.6) | 1023 (83.0) |
| Missing (n) | 24 | 0 | 24 |
| Responsive interactions, mean (sd) | 2.5 (0.8) | 2.6 (0.8) | 2.3 (0.8) |
| Missing (n) | 407 | 0 | 407 |
| Parent sensitivity, mean (sd) | 3.6 (0.8) | 3.7 (0.8) | 3.4 (0.9) |
| Missing (n) | 407 | 0 | 407 |
| Parent coerciveness (PAFAS), mean (sd) | 3.6 (2.1) | 3.6 (2.1) | 3.6 (2.2) |
| Missing (n) | 297 | 0 | 297 |
| Parent guidance, mean (sd) | 0.7 (0.4) | 0.7 (0.4) | 0.60 (0.4) |
| Missing (n) | 416 | 0 | 416 |
| Parent-child relationship (PAFAS), n(%) | | | |
| 0 | 2101 (52.8) | 1651 (54.7) | 450 (46.8) |
| 1 | 1878 (47.2) | 1367 (45.3) | 511 (53.2) |
| Missing (n) | 296 | 0 | 296 |