Appendix A. Characteristics of children with and without missing data in the LSAC case study.

Table A1 Characteristics of children with and without missing data.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable Description** | | |  | **Number**  **missing (%)** | **Characteristics of children with and without missing data (*n*=4983)** | |
|  | | |  |  | Complete cases  (*n*=3201) | Incomplete cases  (*n*=1782) |
| *Binary variables* | | |  |  |  |  |
|  | | |  |  |  |  |
|  | Sex of child | | | 0(0) | 1630(50.9) | 907(50.9) |
|  | Child has a sibling in the home | | | 0(0) | 2862(89.4) | 1551(87.0) |
|  | Child has two parents in the home | | | 0(0) | 2851(89.1) | 1435(80.5) |
|  | Mother’s primary language is not English\* | | | 144(2.9) | 405(12.7) | 382(23.3) |
|  | Mother current cigarette smoker\* | | | 852(17.1) | 647(20.2) | 306(32.9) |
|  | Mother alcohol consumption†\* | | | 966(19.2) | 134(4.2) | 40(4.9) |
|  | Mother completed high school\* | | | 44(0.9) | 2027(63.3) | 868(49.9) |
|  | Maternal emotional distress at 4-5 years\* | | | 819(16.4) | 597(18.7) | 271(28.1) |
|  | | |  |  |  |  |
| *Continuous variables* | | |  |  |  |  |
|  | | |  |  |  |  |
|  | Mother’s age\* | | | 39(0.8) | 35.0(5.0)  35[32,38] | 34.0(5.9)  34[30,38] |
|  | Consistent parenting score\* | | | 81(2) | 4.1(0.6)  4.2[3.8,4.6] | 3.9(0.7)  4[3.4,4.4] |
|  | Family financial hardship score\* | | | 14(0.3) | 0.4(0.9)  0[0,1] | 0.8(1.2)  0[0,1] |
|  | Child physical functioning score\* | | | 785(16) | 83.0(11.5)  84.4[78.1,90.6] | 81.9(14.0)  84.4[75,90.6] |
|  | Child SDQ total score at 4-5 years\* | | | 15(0.3) | 8.9(5.2)  8[5,12] | 10.1(5.5)  10[6,13] |
|  | Child SDQ total score at 8-9 years\* | | | 1185(24) | 7.4(5.2)  6[3,10] | 8.3(5.7)  7[4,11] |
|  | |  | |  |  |  |

Data in column 2 are number (%) and in columns 3 and 4 are number (%) / mean (standard deviation) or median [25th, 75th percentile].

†Mother consumes >2 standard drinks of alcohol daily

\*The number of incomplete cases varies for variables with missing data, ranging between 597 and 1768: mother’s primary language is not English (*n*=1638), mother current cigarette smoker (*n*=930), mother alcohol consumption (*n*=816), mother’s age (*n*=1743), mother completed high school (*n*=1738), maternal emotional distress at 4-5 years (*n*=963), consistent parenting score (*n*=1701), family financial hardship score (*n*=1768), child physical functioning score (*n*=997), child SDQ total score at 4-5 years (*n*=1767), and child SDQ total score at 8-9 years (*n*=597).