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).