| Variable | Levels | no ASD | ASD | p |
| --- | --- | --- | --- | --- |
| n |  | 101009 | 3446 |  |
| Age |  | 8.33 ± 5.30 | 9.98 ± 4.66 | <0.001 |
| Sex (%) | Female | 49555 (49.1) | 799 (23.2) | <0.001 |
|  | Male | 51454 (50.9) | 2647 (76.8) |  |
| Birth Weight (grams) |  | 3307.04 ± 544.08 | 3270.76 ± 599.67 | 0.001 |
| Prematurity (%) | No | 89251 (89.3) | 2847 (83.6) | <0.001 |
|  | Yes | 10724 (10.7) | 560 (16.4) |  |
| Ever Breast-fed (%) | No | 6015 (15.3) | 236 (28.6) | <0.001 |
|  | Yes | 33197 (84.7) | 588 (71.4) |  |
| Parental Age at Birth (years) |  | 30.38 ± 5.69 | 29.90 ± 6.07 | <0.001 |
| Maternal Education Level (%) | Less than high school | 2663 ( 2.6) | 91 ( 2.6) | <0.001 |
|  | High school (including vocational, trade, or business school) | 13035 (12.9) | 554 (16.1) |  |
|  | Some college or Associate Degree | 21081 (20.9) | 942 (27.3) |  |
|  | College degree or higher | 64230 (63.6) | 1859 (53.9) |  |
| Smoke (%) | No | 87079 (88.3) | 2815 (83.1) | <0.001 |
|  | Yes | 11503 (11.7) | 573 (16.9) |  |
| Access to Healthcare Services (%) | No | 4325 ( 4.3) | 81 ( 2.4) | <0.001 |
|  | Yes | 96209 (95.7) | 3349 (97.6) |  |
| Allergies history (%) | No | 74364 (73.8) | 2112 (61.4) | <0.001 |
|  | Yes | 26437 (26.2) | 1329 (38.6) |  |
| Family Poverty Ratio (%) | 0-99% | 10259 (10.2) | 497 (14.4) | <0.001 |
|  | 100-199% | 16650 (16.5) | 768 (22.3) |  |
|  | 200-399% | 36685 (36.3) | 1196 (34.7) |  |
|  | ≥400% | 37415 (37.0) | 985 (28.6) |  |
| Family History of Mental Disorders (%) | No | 75107 (89.4) | 2114 (74.2) | <0.001 |
|  | Yes | 8909 (10.6) | 735 (25.8) |  |