Table 1S. Changes in unadjusted estimates of breastfeeding initiation and duration in relation to ASD versus controls, including each covariate individually in models among preschoolers enrolled in the Study to Explore Early Development

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | | **Breastfeeding initiation** | | **Breastfeeding duration high tertile versus low tertile** | | **Breastfeeding duration middle tertile versus low tertile** | |
|  | OR† and 95% CI‡ | | Change in univariate estimates (%) | OR† and 95% CI‡ | Change in univariate estimates (%) | OR† and 95% CI‡ | Change in univariate estimates (%) |
| Unadjusted estimates in six sites | 0.62 (0.45, 0.85) | | n/a | 0.47 (0.36, 0.61) | n/a | 0.55 (0.42, 0.71) | n/a |
| ***Variable added*** |  | |  |  |  |  |  |
| Child sex | 0.66 (0.48, 0.92) | | 6.5 | 0.49 (0.37, 0.64) | 4.3 | 0.58 (0.44, 0.76) | 5.5 |
| Child gestational age | 0.61 (0.45, 0.84) | | -1.6 | 0.50 (0.38, 0.66) | 6.4 | 0.58 (0.44, 0.76) | 5.5 |
| Child birth weight | 0.61 (0.44, 0.83) | | -1.6 | 0.50 (0.38, 0.65) | 6.4 | 0.58 (0.44, 0.75) | 5.5 |
| Maternal age at the time of child’s birth | 0.63 (0.46, 0.87) | | 1.6 | 0.47 (0.36, 0.62) | 0 | 0.55 (0.43, 0.72) | 0 |
| Parity of the index child | 0.63 (0.46, 0.86) | | 1.6 | 0.47 (0.36, 0.61) | 0 | 0.55 (0.42, 0.71) | 0 |
| Birth plurality | 0.62 (0.45, 0.85) | | 0 | 0.49 (0.38, 0.64) | 4.3 | 0.57 (0.44, 0.75) | 3.6 |
| Maternal ethnicity | 0.62 (0.45, 0.84) | | 0 | 0.48 (0.37, 0.62) | 2.1 | 0.56 (0.43, 0.73) | 1.8 |
| Maternal race | 0.69 (0.50, 0.96) | | 11.3§ | 0.50 (0.38, 0.66) | 6.4 | 0.58 (0.44, 0.75) | 5.5 |
| Maternal education at the time of child’s birth | 0.74 (0.53, 1.02) | | 19.4§ | 0.52 (0.39, 0.68) | 10.6§ | 0.60 (0.46, 0.78) | 9.1 |
| Maternal place of birth | 0.58 (0.42, 0.80) | | -6.5 | 0.47 (0.36, 0.61) | 0 | 0.55 (0.42, 0.71) | 0 |
| Maternal employment status | 0.63 (0.46, 0.87) | | 1.6 | 0.46 (0.36, 0.60) | -2.1 | 0.55 (0.42, 0.71) | 0 |
| Maternal smoking status | 0.64 (0.46, 0.87) | | 3.2 | 0.48 (0.36, 0.62) | 2.1 | 0.55 (0.42, 0.72) | 0 |
| Maternal psychiatric diagnoses¶ | 0.64 (0.47, 0.88) | | 3.2 | 0.47 (0.36, 0.62) | 0 | 0.57 (0.44, 0.75) | 3.6 |
| Mode of delivery of the child | 0.63 (0.46, 0.87) | | 1.6 | 0.48 (0.37, 0.63) | 2.1 | 0.56 (0.43, 0.72) | 1.8 |
| Family Income† | 0.78 (0.56, 1.08) | | 25.8§ | 0.51 (0.39, 0.67) | 8.5 | 0.58 (0.45, 0.76) | 5.5 |
| Unadjusted estimates in 5 sites | 0.61 (0.44, 0.85) | | n/a | 0.46 (0.35, 0.62) | n/a | 0.50 (0.38, 0.66) | n/a |
| ***Variable added*** |  | |  |  |  |  |  |
| Marital status | 0.67 (0.48, 0.94) | | 9.8 | 0.48 (0.36, 0.65) | 4.3 | 0.51 (0.39, 0.68) | 2.0 |
| Apgar score | 0.61 (0.43, 0.84) | | 0 | 0.48 (0.36, 0.64) | 4.3 | 0.51 (0.38, 0.68) | 2.0 |

† OR: odds-ratios; ‡ CI: confidence interval; §: change in breastfeeding unadjusted estimate by more than 10% when the variable is added in the model;¶Psychiatric diagnoses include depression, anxiety, seizure disorder, intellectual disability