**Table S2.** **Demographic characteristics differences between those with food allergy outcomes and those without**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **FAS  (N=328)** | **No FAS  (N=1061)** | **Chi-squared tests** | **DDFA (N=76)** | **No DDFA (N=1311)** | **Chi-squared tests** |
| **(%)** | **(%)** | **p-value** | **(%)** | **(%)** | **p-value** |
| **Race / Ethnicity** | |  |  |  |  |  |
| White | 88.7 | 88.6 | 0.70 | 75.4 | 89.0 | 0.01\* |
| Black | 3.8 | 2.6 |  | 9.2 | 2.9 |  |
| Hispanic | 4.1 | 4.5 |  | 7.7 | 4.3 |  |
| Other | 3.5 | 4.3 |  | 7.7 | 3.8 |  |
| **Marital Status** | |  |  |  |  |  |
| Married | 84.4 | 86.6 | 0.58 | 79.0 | 85.3 | 0.21 |
| Widowed | 0.0 | 0.3 |  | 0.0 | 0.2 |  |
| Divorced | 1.9 | 2.0 |  | 0.0 | 2.0 |  |
| Separated | 0.6 | 1.1 |  | 0.0 | 1.0 |  |
| Never Married | 13.1 | 10.0 |  | 21.0 | 11.4 |  |
| **Delivery Mode** | |  |  |  |  |  |
| Vaginal | 67.7 | 68.4 | 0.82 | 62.1 | 68.3 | 0.34 |
| (induced and not induced) |  |  |
| C-Section | 32.3 | 31.6 |  | 37.9 | 31.7 |  |
| (planned and unplanned) |
| **Baby's sex** | |  |  |  |  |  |
| Boy | 51.1 | 50.2 | 0.79 | 54.6 | 50.3 | 0.50 |
| Girl | 48.9 | 49.9 |  | 45.4 | 49.7 |  |
| **Education** | |  |  |  |  |  |
| Grade School | 0.0 | 0.2 | 0.75 | 0.0 | 0.2 | 0.89 |
| High School | 13.5 | 15.6 |  | 12.9 | 15.3 |  |
| College | 72.4 | 71.3 |  | 72.6 | 71.4 |  |
| Post-graduate | 14.1 | 13.0 |  | 14.5 | 13.1 |  |
| **Food Allergy History** | | |  |  |  |  |
| Maternal - Yes | 10.4 | 8.8 | 0.46 | 16.1 | 8.1 | 0.05 |
| No | 89.6 | 91.2 |  | 83.9 | 91.9 |  |
| Paternal - Yes | 9.7 | 5.1 | 0.001\* | 10.7 | 6.0 | 0.16 |
| No | 90.3 | 95.0 |  | 89.3 | 94.0 |  |
| **Prenatal Smoking** | |  |  |  |  |  |
| Yes | 9.8 | 5.5 | 0.01 | 9.1 | 6.1 | 0.33 |
| No | 90.2 | 94.5 |  | 90.0 | 93.9 |  |
| **6-year off spring BMI (kg/m2)** | 16.7±2.8 | 16.6 ±3.3 | 0.41 | 16.8 + 2.6 | 16.5 + 3.1 | 0.50 |

Categorical variables were tested using chi-square goodness of fit test or fisher’s exact

Continuous variables were tested using two-sample t-tests

\* - significant at alpha=0.05

FAS – Food allergy symptomatic

DDFA – Doctors’ diagnosed food allergy