### **Supplemental Table. Sensitivity analysis with mother-infant dyads with formula feeding only prenatal intentions removed for the analysis of sociodemographic factors, medical factors, prenatal feeding intentions, and healthcare system breastfeeding support associated with in-hospital exclusive breastfeeding among mother-infant dyads at Grady Memorial Hospital, 2015–2019**

|  | Model Set 2a | Birth Dyads with Formula Feeding Only Prenatal Intentions Removeda |
| --- | --- | --- |
|  | PRb | 95% CIc | *P* value | PR | 95% CI | *P* value |
| **Sociodemographic factors** |  |  |  |  |  |  |
| Maternal age (Ref. ≤17) |  |  | <0.0001 |  |  | <0.0001 |
|  18–24 | **1.78** | **1.37, 2.31** |  | **1.79** | **1.37, 2.33** |  |
|  25–29 | **1.93** | **1.49, 2.51** |  | **1.94** | **1.49, 2.53** |  |
|  30–34 | **1.84** | **1.41, 2.41** |  | **1.86** | **1.42, 2.43** |  |
|  ≥35 | **1.96** | **1.49, 2.57** |  | **1.98** | **1.51, 2.61** |  |
| Race/ethnicity (Ref. Non-Hispanic Black) |  |  | 0.005 |  |  | 0.004 |
|  Non-Hispanic White | **1.41** | **1.20, 1.66** |  | **1.42** | **1.21, 1.67** |  |
|  Hispanic | 0.95 | 0.81, 1.12 |  | 0.96 | 0.81, 1.13 |  |
|  Non-Hispanic Asian | 0.92 | 0.75, 1.12 |  | 0.92 | 0.76, 1.13 |  |
|  Other | 0.94 | 0.80, 1.10 |  | 0.94 | 0.80, 1.10 |  |
| Language (Ref. English) |  |  | 0.71 |  |  | 0.62 |
|  Spanish | 0.99 | 0.84, 1.17 |  | 0.99 | 0.84, 1.16 |  |
|  Other | 0.95 | 0.84, 1.07 |  | 0.94 | 0.83, 1.06 |  |
| Married (Ref. not married) | **1.35** | **1.25, 1.45** | <0.0001 | **1.35** | **1.26, 1.46** | <0.0001 |
| Employment (Ref. not employed)  |  |  | 0.002 |  |  | 0.002 |
|  Unknown | **1.14** | **1.06, 1.23** |  | **1.14** | **1.06, 1.23** |  |
|  Full Time | **1.13** | **1.03, 1.24** |  | **1.13** | **1.03, 1.24** |  |
|  Part Time | 1.09 | 0.97, 1.22 |  | 1.09 | 0.97, 1.23 |  |
| Prenatal care at Grady Memorial Hospital (Ref. outlying clinics) |  |  | 0.14 |  |  | 0.20 |
|  No prenatal care | 0.88 | 0.78, 1.00 |  | 0.89 | 0.78, 1.01 |  |
|  Grady Memorial Hospital | 0.95 | 0.87, 1.03 |  | 0.96 | 0.88, 1.04 |  |
| **Maternal medical factors** |  |  |  |  |  |  |
| Pre-existing, unspecified diabetes, or gestational diabetes  | **0.82** | **0.70, 0.95** | 0.005 | **0.82** | **0.71, 0.95** | 0.006 |
| Pre-existing hypertension | **0.82** | **0.70, 0.96** | 0.007 | **0.82** | **0.70, 0.97** | 0.01 |
| Pre-eclampsia/eclampsia | **0.82** | **0.71, 0.95** | 0.006 | **0.82** | **0.71, 0.96** | 0.007 |
| Cesarean delivery (Ref. vaginal delivery) | **0.84** | **0.77, 0.92** | 0.0001 | **0.84** | **0.77, 0.92** | 0.0001 |
| **Infant medical factors** |  |  |  |  |  |  |
| Gestational age [Ref. full term (39–40 weeks)] |  |  | 0.22 |  |  | 0.18 |
|  Early term (37–38 weeks) | 0.94 | 0.88, 1.01 |  | 0.94 | 0.87, 1.01 |  |
|  Late and post term (≥41) | 1.01 | 0.90, 1.13 |  | 1.01 | 0.90, 1.13 |  |
| Low birth weight <2500 g (Ref. ≥2500 g) | 0.87 | 0.71, 1.07 | 0.17 | 0.88 | 0.71, 1.08 | 0.20 |
| Hypoglycemia | **0.46** | **0.36, 0.59** | <0.0001 | **0.46** | **0.36, 0.60** | <0.0001 |
| **Prenatal feeding intentions** (Ref. exclusive breastfeeding) |  |  | <0.0001 |  |  | <0.0001 |
|  Both breastfeeding and formula | **0.55** | **0.49, 0.62** |  | **0.55** | **0.49, 0.62** |  |
|  Formula only | **0.15** | **0.10, 0.22** |  | **--** | **--** |  |
|  Undecided | **0.74** | **0.70, 0.79** |  | **0.74** | **0.70, 079** |  |
| **Healthcare system breastfeeding support** |  |  |  |  |  |  |
| In-hospital lactation consult completed | **1.24** | **1.16, 1.33** | <0.0001 | **1.24** | **1.16, 1.33** | <0.0001 |

Note. Statistically significant results for comparisons within variables are bolded.

aAdjusted for infant length of stay, birth year, and all other statistically significant factors from model set 1.

b PR=Prevalence ratio.

c CI=Confidence interval.