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| **Table 5.** Odds of vaccine receipt in bivariate and multivariate logistic regression models by vaccine |
|  | OR (95% CI) |  | aOR (95% CI) |
| **Measles, Mumps, Rubella vaccine** |  |  |  |
|  | Vaccine importance group |  |  |  |
|  | Low to moderate | ref |  | ref |
|  | High  | **7.8 (3.26, 18.56)** |  | **6.0 (2.32, 15.72)** |
|  | Very high | **7.0 (3.32, 14.64)** |  | **7.6 (3.16, 18.42)** |
|  | Vaccine info source: family | 3.2 (0.76, 13.40) |  | **5.1 (1.05, 24.31)** |
|  | Vaccine info source: social media | **0.13 (0.040, 0.456)** |  | **0.12 (0.021, 0.632)** |
|  | Values: excitement | 0.81 (0.563, 1.16) |  | **0.50 (0.307, 0.812)** |
|  | Values: warm relationships with others | **1.6 (1.14, 2.30)** |  | **2.5 (1.51, 4.00)** |
|  | Parent's insurance coverage |  |  |  |
|  | None | ref |  | ref |
|  | Private only | **3.3 (1.13, 9.88)** |  | **6.5 (1.66, 25.08)** |
|  | Public only | 1.5 (0.53, 4.07) |  | 2.3 (0.64, 8.37) |
|  | Private and public\* | - |  | - |
|  | Don't know | 0.92 (0.09, 9.13) |  | 1.3 (0.10, 16.48) |
|  | Comfort level with vaccines between children |  |  |  |
|  | Only have one child | ref |  | ref |
|  | More comfortable with younger child | 0.7 (0.28, 1.59) |  | 0.7 (0.23, 2.16) |
|  | Less comfortable with younger child | **0.3 (0.11, 0.84)** |  | **0.2 (0.07, 0.87)** |
|  | Never comfortable | 0.7 (0.23, 2.24) |  | 1.2 (0.30, 4.57) |
|  | Always comfortable | 2.7 (0.98, 7.38) |  | 1.8 (0.55, 5.86) |
| **Haemophilus influenzae type B vaccine** |  |  |  |
|  | Vaccine importance group |  |  |  |
|  | Low to moderate | ref |  | ref |
|  | High  | **5.9 (3.37, 10.25)** |  | **6.0 (3.26, 11.14)** |
|  | Very high | **12.6 (6.89, 22.92)** |  | **13.1 (6.75, 25.54)** |
|  | Vaccine info source: academic journal | 1.5 (0.64, 3.60) |  | **4.2 (1.46, 12.13)** |
|  | Vaccine info source: internet | **0.4 (0.25, 0.70)** |  | **0.5 (0.27, 0.93)** |
|  | Values: self-fulfillment | **1.5 (1.15, 1.89)** |  | **1.8 (1.30, 2.54)** |
|  | Values: self-respect | 0.9 (0.60, 1.21) |  | **0.4 (0.27, 0.73)** |
|  | Child's insurance coverage |  |  |  |
|  | None | ref |  | ref |
|  | Private only | **6.8 (1.98, 23.61)** |  | **19.0 (3.26, 110.65)** |
|  | Public only | **6.0 (1.76, 20.35)** |  | **13.5 (2.43, 75.27)** |
|  | Private and public | **8.3 (1.28, 54.42)** |  | **18.0 (1.80, 179.94)** |
|  | Don't know | 1.7 (0.21, 13.22) |  | 2.0 (0.13, 31.38) |
|  | Race |  |  |  |
|  | White | ref |  | ref |
|  | Black | **0.5 (0.27, 0.94)** |  | **0.3 (0.16, 0.71)** |
|  | Asian | 2.0 (0.47, 8.51) |  | 3.3 (0.60, 17.71) |
|  | Other | 0.9 (0.26, 3.10) |  | 0.8 (0.19, 2.97) |
|  | Mixed race | 0.7 (0.23, 2.02) |  | 0.8 (0.22, 2.88) |
|  | Income |  |  |  |
|  | $60,000 or less | 1.4 (0.75, 2.55) |  | **2.4 (1.17, 5.06)** |
|  | $60,001 to $100,000 | 0.6 (0.33, 1.20) |  | 0.6 (0.27, 1.24) |
|  | $100,001 or more | ref |  | ref |
| **Pneumococcal Conjugate Vaccine** |  |  |  |
|  | Vaccine importance group |  |  |  |
|  | Low to moderate | ref |  | ref |
|  | High  | **4.7 (2.93, 7.43)** |  | **4.6 (2.86, 7.32)** |
|  | Very high | **13.7 (8.25, 22.70)** |  | **14.1 (8.39, 23.54)** |
|  | Vaccine info source: family | 1.3 (0.76, 2.33) |  | **2.2 (1.10, 4.21)** |
|  | Vaccine info source: friends and/or other parents | **0.5 (0.31, 0.83)** |  | **0.5 (0.26, 0.86)** |
| **Rotavirus vaccine** |  |  |  |
|  | Vaccine importance group |  |  |  |
|  | Low to moderate | ref |  | ref |
|  | High  | **4.8 (2.77, 8.50)** |  | **4.1 (2.10, 7.92)** |
|  | Very high | **25.6 (11.14, 58.67)** |  | **46.3 (16.52, 129.65)** |
|  | Info source: religious leaders | 0.4 (0.09, 2.09) |  | **0.1 (0.01, 0.91)** |
|  | Info source: social media | **0.2 (0.06, 0.58)** |  | **0.1 (0.02, 0.40)** |
|  | Values: warm relationships with others | **1.6 (1.19, 2.10)** |  | **1.6 (1.07, 2.30)** |
|  | Like thinking about vaccine decisions | **0.7 (0.55, 0.84)** |  | **0.7 (0.49, 0.89)** |
|  | Parent's insurance coverage |  |  |  |
|  | None | ref |  | ref |
|  | Private only | 0.8 (0.30, 2.18) |  | 0.9 (0.10, 8.07) |
|  | Public only | 0.7 (0.42, 1.13) |  | **0.2 (0.04, 0.59)** |
|  | Private and public\* | - |  | - |
|  | Don't know\* | - |  | - |
|  | Child's insurance coverage |  |  |  |
|  | None | ref |  | ref |
|  | Private only | **0.2 (0.05, 0.66)** |  | 0.1 (0.01, 2.09) |
|  | Public only | 0.9 (0.57, 1.56) |  | 4.0 (0.98, 15.95) |
|  | Private and public | 2.4 (0.31, 18.37) |  | 1.2 (0.11, 13.06) |
|  | Don't know | 0.7 (0.09, 6.13) |  | 1.4 (0.11, 17.30) |
|  | Income |  |  |  |
|  | $60,000 or less | 1.7 (0.92, 3.33) |  | 2.3 (0.93, 5.92) |
|  | $60,001 to $100,000 | 0.8 (0.41, 1.61) |  | 0.8 (0.33, 2.00) |
|  | $100,001 or more | ref |  | ref |
|  | Parent marital status |  |  |  |
|  | Single/not married | **0.5 (0.31, 0.90)** |  | **0.4 (0.19, 0.82)** |
|  | Married/domestic partner/widowed | ref |  | ref |
|  | Divorced/separated | 1.3 (0.38, 4.28) |  | 2.0 (0.42, 9.79) |
|  | Parent's education |  |  |  |
|  | High school or less | ref |  | ref |
|  | Some college | 0.9 (0.39, 1.86) |  | 1.1 (0.40, 2.89) |
|  | Technical school/Associate's degree | 1.7 (0.64, 4.27) |  | 3.1 (0.91, 10.31) |
|  | Bachelor's degree | 0.5 (0.26, 1.03) |  | 0.6 (0.24, 1.66) |
|  | Master's degree or higher | 0.8 (0.34, 2.03) |  | 2.1 (0.61, 6.91) |
| **Varicella Vaccine** |  |  |  |
|  | Vaccine importance group |  |  |  |
|  | Low to moderate | ref |  | ref |
|  | High  | **5.4 (2.95, 10.03)** |  | **5.5 (2.97, 10.26)** |
|  | Very high | **7.4 (4.09, 13.29)** |  | **7.3 (4.03, 13.34)** |
|  | Info source: social media | **0.3 (0.09, 0.95)** |  | **0.2 (0.06, 0.86)** |
|  | Parent marital status |  |  |  |
|  | Single/not married | **0.5 (0.32, 0.89)** |  | **0.5 (0.30, 0.91)** |
|  | Married/domestic partner/widowed | ref |  | ref |
|  | Divorced/separated | 2.3 (0.54, 9.78) |  | 2.4 (0.54, 10.58) |
| \*ORs unavailable due to quasi-complete separation of data points |  |  |