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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Referrals** | | | | **Consultations** | | | |
|  | Crude OR | 95% CI | Adjusted OR\* | 95% CI | Crude OR\* | 95% CI | Adjusted OR\* | 95% CI |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |
| White or Caucasian | 1 | REF | 1 | REF | 1 | REF | 1 | REF |
| Black or African American | 1.23 | (1.11,1.35) | 1.14 | (1.03,1.26) | 1.28 | (1.15,1.42) | 1.19 | (1.06,1.32) |
| Hispanic | 1.42 | (1.35,1.49) | 1.39 | (1.31,1.48) | 1.48 | (1.4,1.56) | 1.43 | (1.34,1.52) |
| American Indian or Alaska Native | 1.14 | (0.69,1.87) | 1.1 | (0.67,1.8) | 1.31 | (0.8,2.15) | 1.26 | (0.76,2.07) |
| Asian | 0.91 | (0.83,1.01) | 0.95 | (0.86,1.06) | 0.94 | (0.84,1.04) | 0.95 | (0.86,1.06) |
| Native Hawaiian or Pacific Islander | 0.91 | (0.63,1.31) | 0.92 | (0.64,1.33) | 0.98 | (0.67,1.43) | 0.98 | (0.67,1.43) |
| Mutiple/Other | 1.27 | (0.97,1.66) | 1.27 | (0.97,1.67) | 1.41 | (1.08,1.85) | 1.4 | (1.07,1.84) |
| Unknown | 0.35 | (0.25,0.5) | 0.39 | (0.27,0.55) | 0.35 | (0.24,0.51) | 0.39 | (0.26,0.57) |
| **Language** |  |  |  |  |  |  |  |  |
| English | 1 | REF | 1 | REF | 1 | REF | 1 | REF |
| Spanish | 1.22 | (1.15,1.29) | 0.99 | (0.92,1.05) | 1.26 | (1.19,1.33) | 1 | (0.94,1.08) |
| Other | 0.75 | (0.61,0.92) | 0.88 | (0.71,1.08) | 0.8 | (0.65,0.99) | 0.95 | (0.76,1.18) |
| Unknown | 0.05 | (0.01,0.2) | 0.06 | (0.01,0.24) | 0.03 | (0,0.2) | 0.04 | (0.01,0.26) |
| **NDI** |  |  |  |  |  |  |  |  |
| Lower 20% (-1.78061 - -0.61357) | 1 | REF | 1 | REF | 1 | REF | 1 | REF |
| 20-40% (> -0.61357 - -0.17118) | 1.04 | (0.97,1.12) | 0.98 | (0.91,1.05) | 1.08 | (1,1.16) | 1.01 | (0.94,1.09) |
| 40-60% (> -0.17118 - 0.37874) | 1.04 | (0.97,1.12) | 0.93 | (0.87,1.01) | 1.07 | (0.99,1.15) | 0.95 | (0.88,1.03) |
| 60-80% (> 0.37874 - 1.11366) | 1.1 | (1.03,1.19) | 0.96 | (0.89,1.05) | 1.14 | (1.06,1.23) | 0.98 | (0.9,1.07) |
| Top 20% (> 1.11366 - 5.69214) | 1.27 | (1.18,1.36) | 1.06 | (0.97,1.17) | 1.33 | (1.23,1.43) | 1.09 | (0.99,1.2) |
| Unknown/Missing | 1.24 | (0.58,2.64) | 1.58 | (0.71,3.53) | 1.23 | (0.55,2.72) | 1.68 | (0.73,3.86) |
| **Insurance types** |  |  |  |  |  |  |  |  |
| Private plan | 1 | REF | 1 | REF | 1 | REF | 1 | REF |
| Medicare | 0.95 | (0.89,1) | 0.99 | (0.92,1.05) | 0.91 | (0.85,0.96) | 1.08 | (0.99,1.17) |
| Other public plan | 1.74 | (1.58,1.92) | 0.88 | (0.71,1.08) | 1.66 | (1.5,1.84) | 1.57 | (1.42,1.75) |
| Unknown | 0.93 | (0.11,7.54) | 0.06 | (0.01,0.24) | 0 | (0,3.68) | 0 | (0,2.55) |

Table 1. Logistic regression of referral and consultation patterns