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| **Supplementary Table 2. Variables Associated with Unscheduled Appointment (n = 10,610)** |
| **Variable** | **Appointment Scheduled a** | **Appointment Unscheduled** | **p-value b** | **aOR (95% CI) c** |
| **Total Referrals** | 8767 (83%) | 1843 (17%) |   |   |
| **Gender** |   |   | 0.900 |   |
| Female | 4247 (48%) | 897 (49%) |   | 1.04 (0.93; 1.15) |
| Male | 4520 (52%) | 946 (51%) |   | reference |
| **Race/Ethnicity** |   |   | <0.001 |   |
| White | 6744 (77%) | 1271 (69%) |   | reference |
| Black | 1488 (17%) | 489 (27%) |   | 1.66 (1.44; 1.90) |
| Hispanic/Latino | 299 (3.4%) | 40 (2.2%) |   | 0.63 (0.40; 0.98) |
| Asian | 236 (2.7%) | 43 (2.3%) |   | 1.04 (0.74; 1.48) |
| **Language** |   |   | 0.064 |   |
| English | 8448 (96%) | 1796 (97%) |   | reference |
| Spanish | 196 (2.2%) | 30 (1.6%) |   | 1.06 (0.63; 1.78) |
| Other | 123 (1.4%) | 17 (0.9%) |   | 0.66 (0.39; 1.13) |
| **Median Age at Referral (IQR)** | 9.0 (2.0, 14.0) | 12.0 (6.0, 15.0) | <0.001 | 1.42 (1.21; 1.68) d |
| **Median Deprivation Index (IQR)** | 0.35 (0.27, 0.44) | 0.35 (0.27, 0.45) | 0.084 | 1.22 (1.00; 1.48) e |
| **Insurance type** |   |   | <0.001 |   |
| Medicaid | 3954 (45%) | 958 (52%) |   |  1.37 (1.21; 1.54) |
| Private | 4813 (55%) | 885 (48%) |   | reference |
| **Referral Reason** |   |   | <0.001 |   |
| Abnormal echocardiogram/fetal imaging | 152 (1.7%) | 16 (0.9%) |   | 1.06 (0.62; 1.81) |
| Abnormal EKG | 334 (3.8%) | 48 (2.6%) |   | 0.96 (0.69; 1.34) |
| Cardiomyopathy | 95 (1.1%) | 47 (2.6%) |   | 3.87 (2.65; 5.65) |
| Chest Pain | 877 (10%) | 168 (9.1%) |   | 1.26 (1.02; 1.58) |
| Congenital Heart Disease | 339 (3.9%) | 62 (3.4%) |   | 1.69 (1.26; 2.27) |
| Cyanosis | 77 (0.9%) | 13 (0.7%) |   | 1.70 (0.93; 3.12) |
| Dizziness/Syncope | 778 (8.9%) | 179 (9.7%) |   | 1.55 (1.24; 1.94) |
| Exercise Intolerance/Dyspnea | 105 (1.2%) | 23 (1.2%) |   | 1.59 (0.98; 2.55) |
| Family History | 280 (3.2%) | 103 (5.6%) |   | 2.56 (1.97; 3.33) |
| Genetic Diagnosis | 242 (2.8%) | 66 (3.6%) |   | 2.09 (1.55; 2.83) |
| Murmur | 3092 (35%) | 359 (19%) |   | reference |
| Palpitations | 382 (4.4%) | 63 (3.4%) |   | 1.12 (0.82; 1.51) |
| Preventative Cardiology | 1116 (13%) | 497 (27%) |   | 2.91 (2.43; 3.47) |
| Other | 898 (10%) | 199 (11%) |   | 1.70 (1.39; 2.07) |
| **Referral Season** |   |   | 0.400 |   |
| Dec-Feb | 1871 (21%) | 410 (22%) |   | 1.11 (0.96; 1.29) |
| Mar-May | 2007 (23%) | 447 (24%) |   | 1.14 (0.99; 1.32) |
| Jun-Aug | 2563 (29%) | 518 (28%) |   | reference |
| Sep-Nov | 2326 (27%) | 468 (25%) |   | 1.03 (0.89; 1.18) |
| a. Values presented as n (%) unless otherwise specified.  |
| b. P-values calculated using chi-square test or Wilcoxon rank-sum test.  |
| c. Adjusted odds ratio (aOR) and 95% confidence interval (CI) obtained by multivariable logistic regression model for unscheduled appointment; model adjusted for all the variables listed in the table.d. Adjusted odds ratio for age at referral calculated comparing age at 75th versus 25th percentile. e. Adjusted odds ratio for deprivation index calculated comparing deprivation index of 0.66 (top 5th% most deprived) to 0.38 (national median).  |