Table 1. Sample Sizes by Agency and ITP Filter

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Count** | | **SDPD (1)** | **SFPD (1)** | **Oakland PD (2)** | | **BPD (3)** | **Marin PD (3)** |
| **Total** | 104512 | | 67412 | 7446 | 2944 | | 2789 |
| **ITP** | 35826 | | 21324 | 1859 | 1059 | | 728 |
| **Day (d=0)** | 20787 | | 13033 | 1249 | 466 | | 173 |
| **Dark (d=1)** | 15039 | | 8291 | 610 | 593 | | 555 |

<https://www.youtube.com/watch?v=JV1nTBwsy0A&ab_channel=RichardMetcalfe>

Table 2. SFPD BLACK/AA VOD Models (Including Novel YOE Feature)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Model 1** | **Model 2** | **Model 3** |  |
| **Darkness (d = 1)** | -0.0314 | -0.0435 | -0.0641 |  |
|  | (0.448) | (0.293) | (0.123) |  |
|  |  |  |  |  |
| **Stop Time (Spline DF = 6)** | 0.0024\*\*\* | 0.0023\*\*\* | 0.0014\*\*\* |  |
|  | (0.000) | (0.000) | (0.000) |  |
|  |  |  |  |  |
| **Location** |  |  |  |  |
| **Area Population High** |  | 0.1571\*\*\* | -0.0197 |  |
|  |  | (0.000) | (0.669) |  |
| **Area Population Low** |  | -0.2151\*\*\* | -0.0674 |  |
|  |  | (0.155) | (0.248) |  |
|  |  |  |  |  |
| **Area Frequency High** |  | -0.2054\* | -0.0787 |  |
|  |  | (0.041) | (0.437) |  |
| **Area Frequency Low** |  | -0.4922 | -0.3897 |  |
|  |  | (0.323) | (0.435) |  |
|  |  |  |  |  |
| **Officer YOE** |  |  | -0.0422\*\*\* |  |
|  |  |  | (0.000) |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Constant | -3.9940\*\*\* | -3.6440\*\*\* | -2.4776\*\*\* |  |
| Pearson Chi-Squared | 1.92e+04 | 1.92e+04 | 1.92e+04 |  |
| Pseudo R-Squared (CS) | 0.003529 | 0.005395 | 0.01940 |  |
| Number of Observations | 19192 | 19192 | 19192 |  |

Table 3. SFPD HISPANIC VOD Models (Including Novel YOE Feature)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Model 1** | **Model 2** | **Model 3** |  |
| **Darkness (d = 1)** | -0.0684 | -0.0949\* | -0.0968\* |  |
|  | (0.117) | (0.031) | (0.028) |  |
|  |  |  |  |  |
| **Stop Time (Spline DF = 6)** | 0.0013\*\*\* | 0.0009\*\* | 0.0008\*\*\* |  |
|  | (0.000) | (0.011) | (0.000) |  |
|  |  |  |  |  |
| **Location** |  |  |  |  |
| **Area Population High** |  | 0.9050\*\*\* | 0.8882\*\*\* |  |
|  |  | (0.000) | (0.000) |  |
| **Area Population Low** |  | 0.0205 | 0.0341 |  |
|  |  | (0.734) | (0.577) |  |
|  |  |  |  |  |
| **Area Frequency High** |  | -0.1780 | -0.1659 |  |
|  |  | (0.111) | (0.139) |  |
| **Area Frequency Low** |  | -0.8461\* | -0.8390 |  |
|  |  | (0.171) | (0.174) |  |
|  |  |  |  |  |
| **Officer YOE** |  |  | -0.0036 |  |
|  |  |  | (0.167) |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Constant | -2.8909\*\*\* | -2.4725\*\*\* | -2.3645\*\*\* |  |
| Pearson Chi-Squared | 1.92e+04 | 1.11e+04 | 1.11e+04 |  |
| Pseudo R-Squared (CS) | 0.0007276 | 0.02237 | 0.02247 |  |
| Number of Observations | 19192 | 19192 | 19192 |  |

Table 4. SDPD BLACK/AA VOD Models (Including Novel YOE Feature)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Model 1** | **Model 2** | **Model 3** |  |
| **Darkness (d = 1)** | 0.0162 | 0.0052 | -0.0512 |  |
|  | (0.644) | (0.883) | (0.148) |  |
|  |  |  |  |  |
| **Stop Time (Spline DF = 6)** | -7.727e-06 | 2.339e-05 | -2.383e-05 |  |
|  | (0.980) | (0.940) | (0.939) |  |
|  |  |  |  |  |
| **Location** |  |  |  |  |
| **Area Frequency High** |  | -0.3798\*\*\* | -0.2731\*\*\* |  |
|  |  | (0.000) | (0.012) |  |
| **Area Frequency Low** |  | -0.3626\*\*\* | -0.3270\*\*\* |  |
|  |  | (0.000) | (0.000) |  |
|  |  |  |  |  |
| **Officer YOE** |  |  | -0.0571\*\*\* |  |
|  |  |  | (0.000) |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Constant | -1.5378\*\*\* | -1.3022\*\*\* | -0.9660\* |  |
| Pearson Chi-Squared | 3.11e+04 | 3.11e+04 | 3.11e+04 |  |
| Pseudo R-Squared (CS) | 8.980e-06 | 0.004435 | 0.02275 |  |
| Number of Observations | 31095 | 31095 | 31095 |  |

Table 5. SDPD HISPANIC/LATINO(A) VOD Models (Including Novel YOE Feature)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Model 1** | **Model 2** | **Model 3** |  |
| **Darkness (d = 1)** | 0.1154\*\*\* | 0.1201\*\*\* | 0.1185\*\*\* |  |
|  | (0.000) | (0.000) | (0.000) |  |
|  |  |  |  |  |
| **Stop Time (Spline DF = 6)** | -0.0012\*\*\* | -0.0012\*\*\* | -0.0012\*\*\* |  |
|  | (0.000) | (0.000) | (0.000) |  |
|  |  |  |  |  |
| **Location** |  |  |  |  |
| **Area Frequency High** |  | 0.1221\*\*\* | 0.1253\*\*\* |  |
|  |  | (0.000) | (0.000) |  |
| **Area Frequency Low** |  | -0.0635 | -0.0623 |  |
|  |  | (0.328) | (0.337) |  |
|  |  |  |  |  |
| **Officer YOE** |  |  | -0.0014 |  |
|  |  |  | (0.392) |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Constant | 0.6718\* | 0.5922\* | 0.6012\* |  |
| Pearson Chi-Squared | 3.11e+04 | 3.11e+04 | 3.11e+04 |  |
| Pseudo R-Squared (CS) | 0.0008645 | 0.001719 | 0.001742 |  |
| Number of Observations | 31095 | 31095 | 31095 |  |

Table 6. Minority Groups in Oakland, Berkeley, and Marin PD Areas

|  |  |  |  |
| --- | --- | --- | --- |
|  | **OAKLAND** | **BERKELEY** | **MARIN** |
| **Total Population\*** | 433,823 | 117,145 | 260,206 |
| **White** | 33.4% | 57.5% | 84.7% |
| **Black/AA** | 22% | 7.5% | 2.9% |
| **Hispanic/Latino(a)** | 27.2% | 12% | 16.8% |
|  |  |  |  |
| **Observations** | 10,817 | 6,466 | 5,526 |
| **Obs. Race Prior** | 10,817 | 6,466 | 3,234 |
| **Observations ITP** | 2986 | 1090 | 795 |
|  |  |  |  |
| **Daily Stops CI\*\*** | [28 , 31] SE: 0.97 | [17 , 19] SE: 0.56 | [14 , 16] SE: 0.47 |
| **Daily ITP Stops CI** | [4 , 5] SE: 0.23 | [2 , 3] SE: 0.16 | [1 , 2] SE: 0.11 |

\* *Census ACS 1 5-year survey 2021*

\*\* *Standard Error calculated on 95% CI*