Table A-1. AP VoteCast Selected Attitudinal Data, Pennsylvania 2020 and 2024

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| --- | --- | --- |
|   | **AP 2024** | **AP 2020** |
|  | **% Voters** | **Harris** | **Trump** | **Other** | **D - R** | **% Voters** | **Biden** | **Trump** | **Other** | **D - R** |
| US on “Wrong Track” | 71% | 32% | 67% | 1% | -35% | 60% | 79% | 19% | 2% | 60% |
|  |   |   |   |   |   |  |  |  |  |  |
| COVID |   |   |   |   |   | 42% | 76% | 24% | 1% | 52% |
| Economy | 43% | 39% | 60% | 1% | -21% | 29% | 14% | 84% | 2% | -69% |
| Immigration | 20% | 9% | 91% | 1% | -82% | 3% | 7% | 93% | 0% | -86% |
| Abortion | 14% | 84% | 16% | 0% | 67% | 4% | 7% | 91% | 2% | -84% |
|  |   |   |   |   |   |  |  |  |  |  |
| President: Strongly Disapprove | 48% | 5% | 93% | 2% | -88% | 45% | 97% | 2% | 1% | 95% |
|  |   |   |   |   |   |  |  |  |  |  |
| Did not vote in prior presidential election | 11% | 48% | 51% | 1% | -3% | 12% | 54% | 45% | 1% | 9% |
| *Source; AP VoteCast Data, PA Voters. Calculations by Author.* |

Table A-2. AP VoteCast Selected Demographic Data, Pennsylvania 2020 and 2024

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| --- | --- | --- |
|   | **AP 2024** | **AP 2020** |
|   | % Voters | Harris | Trump | Other | D - R | % Voters | Biden | Trump | Other | D - R |
| Men | 46% | 44% | 55% | 1% | -11% | 47% | 47% | 52% | 2% | -5% |
| Women | 53% | 53% | 47% | 1% | 6% | 53% | 53% | 47% | 1% | 6% |
|  |   |   |   |   |   |  |  |  |  |  |
| Under 30 | 17% | 54% | 44% | 2% | 10% | 14% | 52% | 39% | 2% | 13% |
| 30 - 39 | 15% | 50% | 49% | 1% | 2% | 15% | 55% | 41% | 3% | 14% |
| 40 - 49 | 15% | 48% | 51% | 1% | -3% | 15% | 45% | 53% | 1% | -8% |
| 50 - 64 | 25% | 46% | 53% | 1% | -6% | 29% | 48% | 51% | 1% | -2% |
| 65 and over | 28% | 47% | 52% | 1% | -5% | 27% | 47% | 53% | 0% | -5% |
|  |   |   |   |   |   |  |  |  |  |  |
| White | 85% | 45% | 54% | 1% | -9% | 85% | 45% | 54% | 1% | -9% |
| Black | 8% | 82% | 17% | 0% | 65% | 9% | 95% | 5% | 0% | 90% |
| Hispanic | 4% | 57% | 40% | 3% | 17% | 4% | 65% | 33% | 1% | 32% |
|  |   |   |   |   |   |  |  |  |  |  |
| HS or less | 33% | 40% | 59% | 1% | -19% | 35% | 42% | 57% | 1% | -15% |
| Some college | 26% | 48% | 51% | 1% | -3% | 28% | 49% | 50% | 1% | -1% |
| College | 25% | 54% | 45% | 1% | 9% | 22% | 57% | 41% | 2% | 16% |
| Postgrad | 16% | 60% | 39% | 1% | 20% | 14% | 60% | 39% | 1% | 21% |
|  |   |   |   |   |   |  |  |  |  |  |
| Dem / Lean Dem | 45% | 94% | 5% | 1% | 90% | 46% | 93% | 6% | 1% | 87% |
| Independent | 4% | 47% | 45% | 8% | 1% | 6% | 55% | 38% | 7% | 16% |
| Rep / Lean Rep | 50% | 7% | 92% | 1% | -85% | 49% | 9% | 90% | 1% | -80% |
|  |   |   |   |   |   |  |  |  |  |  |
| Suburban Men | 21% | 47% | 51% | 1% | -4% | 21% | 51% | 47% | 2% | 4% |
| Suburban Women | 22% | 56% | 43% | 1% | 13% | 22% | 57% | 42% | 1% | 15% |
|  |   |   |   |   |   |  |  |  |  |  |
| White No College Men | 22% | 31% | 68% | 0% | -38% | 23% | 35% | 64% | 1% | -29% |
| White No College Women | 27% | 42% | 57% | 1% | -15% | 30% | 41% | 59% | 1% | -18% |
| *Source; AP VoteCast Data, PA Voters. Calculations by Author.* |

The candidate who voters perceived was best able to handle the economy, ideology, feelings about the direction of the state, ratings of Biden’s performance as president, and partisanship each affected the likelihood of casting a vote for Donald Trump in November. These relationships were found in a logistic regression analysis that assessed the effects of party affiliation, education, race, gender, ideology, and selected attitudinal variables on the likelihood that a voter cast a ballot for Donald Trump.[[1]](#footnote-1) The logistic regression model was statistically significant, χ2(11) = 1434.27, p. < .001. The model explained 90.3% (Nagelkerke R2) of the variance in vote choice and correctly classified 98% of cases. Model specificity was 97.9% (714/729) and model sensitivity was 96.7% (446/461).

Table A-3. Logistic Regression Predicting 2024 Presidential Vote Choice, Pennsylvania

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| term | estimate | std.error | statistic | p.value |
| (Intercept) | -1.8389 | 0.6651 | -2.7649 | 0.0057 |
| **Democrat** | **-1.0583** | **0.5289** | **-2.0008** | **0.0454** |
| Other Party | -0.3975 | 0.6433 | -0.6180 | 0.5366 |
| College Graduate | -0.3030 | 0.4700 | -0.6448 | 0.5191 |
| Non-White | 0.1654 | 0.6621 | 0.2498 | 0.8027 |
| Male | 0.0310 | 0.4589 | 0.0675 | 0.9462 |
| **State on Wrong Track** | **1.9982** | **0.5026** | **3.9756** | **0.0001** |
| **Biden Performance Poor** | **1.8142** | **0.4917** | **3.6895** | **0.0002** |
| **Trump Best on Economy** | **3.6481** | **0.4916** | **7.4206** | **0.0000** |
| **Harris Best on Values** | **-2.6971** | **0.4661** | **-5.7862** | **0.0000** |
| **Liberal** | **-3.1735** | **1.0635** | **-2.9842** | **0.0028** |
| Conservative | 0.6696 | 0.5056 | 1.3244 | 0.1854 |

Model Statistics:

Null deviance: 1588.5435 on 1189 degrees of freedom

Residual deviance: 154.5 on 1178 degrees of freedom

AIC: 178.5

1. Models that included other variables such as geography, vote history, personal finances, age and interaction terms for race, gender, and education were also run, but these models did not significantly improve the model predictions. [↑](#footnote-ref-1)