Table 1. Number of Observations and Deposits by Period Each Year

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 2020 | | 2021 | | 2022 | |
| Period | N | Deposit | N | Deposit | N | Deposit |
| 1 - February | 16076 | 238 | 18010 | 159 | 18328 | 208 |
| 2 - March 1 to March 15 | 16702 | 191 | 18703 | 136 | 19152 | 197 |
| 3 - March 16 to March 31 | 16972 | 308 | 19584 | 294 | 19700 | 315 |
| 4 - April 1 to April 7 | 16824 | 263 | 19525 | 293 | 20034 | 264 |
| 5 - April 8 to April 14 | 16597 | 299 | 19302 | 371 | 19785 | 386 |
| 6 - April 15 to April 21 | 16345 | 338 | 18841 | 462 | 19401 | 390 |
| 7 - April 22 to April 28 | 16322 | 473 | 18257 | 646 | 18583 | 853 |
| 8 - April 29 to May 1 | 15945 | 395 | 17806 | 452 | 18052 | 551 |

Table 2. Description of the Dependent and Independent Variables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | Description | N | Mean/Pct | S.D. |
| Dependent Variable | |  |  |  |
| Deposited | 1 if deposited, 0 otherwise | 8,482 | 14.1% |  |
| Economic factors |  |  |  |  |
| Financial Aid | Total offered financial aid over COA |  | 0.286 | 0.162 |
| EFC | Expected family contribution over COA |  | 1.181 | 1.602 |
| Pell | 1 if Pell eligible, 0 otherwise | 6256 | 10.4% |  |
| Sociological factors |  |  |  |  |
| Home Distance | Home distance from UD |  | 177.6 | 340.9 |
| Male | 1 if male, 0 if female | 21732 | 36.0% |  |
| African American | 1 if African American, 0 otherwise | 2280 | 3.8% |  |
| Asian | 1 if Asian American, 0 otherwise | 3457 | 5.7% |  |
| Latino | 1 if Latino/Hispanic/Chicano, 0 otherwise | 5072 | 8.4% |  |
| White | 1 if Caucasian, 0 otherwise | 44164 | 73.3% |  |
| Multi-Ethic | 1 if multi-ethnicity, 0 otherwise | 1813 | 3.0% |  |
| Psychological factors | |  |  |  |
| Early Event | 1 if attending early events for prospects | 17478 | 29.0% |  |
| Honor | 1 if admitted in the honors program, 0 otherwise | 6998 | 11.6% |  |
| Major Change | 1 if admitted major is different from applied major | 2913 | 4.8% |  |
| Campus Tour | 1 if attending campus tour, 0 otherwise | 3443 | 5.7% |  |
| Decision Day | 1 if attending Decision Day event, 0 otherwise | 3127 | 5.2% |  |
| Delay Review | 1 if not reviewing admission decision within 2 days | 24449 | 40.6% |  |

Table 3. Descriptive Statistics of Time-Independent Variables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable Name | N | Mean/Pct | S.D. | Max | Min |
| Deposited | 10358 | 17.7% |  |  |  |
| Pell | 7077 | 12.1% |  |  |  |
| SFS Time |  | 290.31 | 740.08 | 29531 | 0 |
| African American | 2732 | 4.7% |  |  |  |
| Asian | 3656 | 6.3% |  |  |  |
| Latino | 5170 | 8.8% |  |  |  |
| White | 42677 | 73.0% |  |  |  |
| Multi-Ethic | 1839 | 3.1% |  |  |  |
| Male | 20972 | 35.9% |  |  |  |
| EFC |  | 1.19 | 1.67 | 32.49 | 0.00 |
| HS GPA |  | 3.71 | 0.70 | 4.25 | 0.00 |
| Honor | 7324 | 12.5% |  |  |  |
| Different Major | 3163 | 5.4% |  |  |  |
| Recruitment Event | 11809 | 20.2% |  |  |  |
| Review Decision | 24059 | 41.2% |  |  |  |
| Major Finder |  | 14.27 | 135.91 | 9945 | 0 |

Table 4. Descriptive Statistics of Time-Varying Variables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable Name | Period | Mean | S.D. | Max | Min |
| Institutional Grant | 1 | 0.190 | 0.125 | 0.838 | 0 |
|  | 2 | 0.201 | 0.129 | 0.958 | 0 |
|  | 3 | 0.203 | 0.132 | 0.998 | 0 |
|  | 4 | 0.201 | 0.134 | 1.087 | 0 |
|  | 5 | 0.202 | 0.134 | 1.087 | 0 |
|  | 6 | 0.205 | 0.133 | 1.087 | 0 |
|  | 7 | 0.204 | 0.134 | 1.087 | 0 |
|  | 8 | 0.205 | 0.133 | 1.087 | 0 |
| Loan | 1 | 0.071 | 0.049 | 0.357 | 0 |
|  | 2 | 0.079 | 0.053 | 0.211 | 0 |
|  | 3 | 0.082 | 0.052 | 0.211 | 0 |
|  | 4 | 0.082 | 0.052 | 0.211 | 0 |
|  | 5 | 0.082 | 0.051 | 0.211 | 0 |
|  | 6 | 0.083 | 0.050 | 0.211 | 0 |
|  | 7 | 0.082 | 0.050 | 0.211 | 0 |
|  | 8 | 0.082 | 0.050 | 0.211 | 0 |

Table 5. Parameter Estimates for Fall 2020, 2.5% percentile, mean and 97.5% percentile

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable | Period 1 | Period 2 | Period 3 | Period 4 | Period 5 | Period 6 | Period 7 | Period 8 |
| Baseline | (-7.65, -7.47, -7.28) | (-8.64, -8.46, -8.29) | (-7.73, -7.55, -7.37) | (-7.59, -7.42, -7.26) | (-7.13, -6.97, -6.79) | (-7.42, -7.27, -7.09) | (-6.51, -6.33, -6.17) | (-6.1, -5.93, -5.74) |
| Admitted | (-0.47, -0.08, 0.3) | (0.2, 0.65, 1.06) | (0.15, 0.63, 1.04) | (0.28, 0.83, 1.42) | (0.12, 0.68, 1.22) | (0.38, 0.92, 1.49) | (1.08, 1.43, 1.76) | (0.2, 0.74, 1.32) |
| Home Distance | (-0.3, -0.08, 0.09) | (-0.64, -0.33, -0.04) | (-0.24, -0.06, 0.09) | (-0.13, 0.02, 0.15) | (-0.39, -0.18, -0.0) | (-0.2, -0.03, 0.11) | (-0.21, -0.08, 0.04) | (-0.25, -0.1, 0.03) |
| Honor Program | (-0.33, -0.04, 0.23) | (-0.45, -0.12, 0.22) | (-0.13, 0.13, 0.39) | (0.09, 0.36, 0.61) | (-0.21, 0.06, 0.36) | (-0.25, 0.0, 0.25) | (-0.0, 0.23, 0.46) | (-0.1, 0.17, 0.41) |
| Change Major | (0.66, 0.97, 1.24) | (0.57, 0.95, 1.31) | (0.76, 1.09, 1.4) | (0.7, 1.04, 1.37) | (0.74, 1.06, 1.36) | (0.87, 1.18, 1.48) | (0.8, 1.05, 1.31) | (0.77, 1.11, 1.42) |
| Gender | (-0.59, -0.34, -0.09) | (-0.36, -0.08, 0.2) | (-0.58, -0.33, -0.11) | (-0.49, -0.23, 0.0) | (-0.27, -0.06, 0.15) | (0.04, 0.21, 0.4) | (-0.12, 0.05, 0.23) | (0.24, 0.44, 0.61) |
| Institutional Grant | (-0.98, -0.44, 0.1) | (-1.04, -0.43, 0.13) | (-0.81, -0.29, 0.26) | (-0.58, -0.03, 0.5) | (-0.83, -0.26, 0.28) | (-0.52, 0.01, 0.56) | (-0.55, -0.07, 0.45) | (-0.74, -0.22, 0.3) |
| Loan | (0.27, 1.27, 2.22) | (0.25, 1.28, 2.27) | (0.11, 1.18, 2.19) | (0.34, 1.33, 2.32) | (0.26, 1.32, 2.31) | (0.27, 1.3, 2.28) | (0.25, 1.3, 2.23) | (0.39, 1.39, 2.41) |
| EFC | (-0.2, -0.1, -0.01) | (-0.14, -0.04, 0.05) | (-0.05, 0.02, 0.08) | (-0.14, -0.05, 0.03) | (-0.2, -0.1, -0.01) | (-0.12, -0.04, 0.03) | (-0.16, -0.08, -0.01) | (-0.14, -0.06, 0.0) |
| Pell | (-0.26, 0.09, 0.42) | (-0.25, 0.15, 0.52) | (-0.09, 0.24, 0.54) | (-0.22, 0.11, 0.42) | (-0.18, 0.14, 0.45) | (-0.14, 0.16, 0.44) | (-0.11, 0.16, 0.42) | (0.3, 0.56, 0.81) |
| Asian | (-0.61, -0.1, 0.36) | (-0.62, -0.09, 0.42) | (-0.66, -0.18, 0.26) | (-0.41, 0.07, 0.54) | (-0.61, -0.15, 0.29) | (-0.51, -0.06, 0.36) | (-0.58, -0.21, 0.15) | (-0.5, -0.05, 0.38) |
| African American | (-0.52, 0.01, 0.49) | (-0.63, -0.02, 0.49) | (-0.57, -0.1, 0.33) | (-0.24, 0.2, 0.68) | (-0.42, 0.08, 0.54) | (-0.2, 0.24, 0.71) | (-0.42, 0.0, 0.41) | (-0.11, 0.33, 0.73) |
| Hispanic | (-0.08, 0.31, 0.69) | (0.08, 0.46, 0.89) | (-0.11, 0.23, 0.57) | (0.03, 0.42, 0.81) | (-0.28, 0.15, 0.53) | (0.0, 0.36, 0.71) | (-0.19, 0.14, 0.49) | (0.03, 0.37, 0.71) |
| White | (0.02, 0.33, 0.63) | (0.22, 0.53, 0.87) | (-0.14, 0.11, 0.38) | (0.13, 0.4, 0.67) | (0.24, 0.49, 0.74) | (0.16, 0.4, 0.64) | (-0.18, 0.04, 0.27) | (0.1, 0.34, 0.58) |
| Multi-Ethnic | (-0.48, 0.04, 0.54) | (-0.57, -0.0, 0.49) | (-0.35, 0.09, 0.56) | (-0.18, 0.34, 0.81) | (-0.52, -0.03, 0.42) | (-0.3, 0.15, 0.57) | (-0.13, 0.24, 0.61) | (0.04, 0.49, 0.92) |
| Postcard | (-1.69, -1.41, -1.15) | (-1.03, -0.65, -0.29) | (-1.02, -0.63, -0.28) | (-1.44, -0.85, -0.22) | (-1.42, -0.9, -0.36) | (-1.14, -0.67, -0.24) | (-1.45, -0.92, -0.4) | (-1.44, -0.84, -0.25) |
| Early Event | (0.82, 1.06, 1.29) | (0.64, 0.91, 1.16) | (0.46, 0.66, 0.86) | (0.58, 0.8, 1.02) | (0.35, 0.55, 0.75) | (0.68, 0.86, 1.07) | (0.31, 0.5, 0.69) | (0.05, 0.26, 0.45) |
| Campus Tour | (1.66, 1.98, 2.33) | (1.27, 1.66, 2.03) | (1.44, 1.7, 1.96) | (1.6, 1.83, 2.08) | (1.44, 1.67, 1.89) | (1.52, 1.75, 1.97) | (1.55, 1.75, 1.95) | (1.44, 1.66, 1.86) |
| Decision Day Event | (1.68, 1.92, 2.16) | (1.62, 1.89, 2.16) | (1.32, 1.57, 1.81) | (1.12, 1.39, 1.65) | (1.15, 1.42, 1.68) | (1.44, 1.66, 1.88) | (1.11, 1.35, 1.59) | (1.01, 1.31, 1.59) |
| Delay Review | (-0.6, -0.35, -0.1) | (-0.54, -0.26, 0.01) | (-0.51, -0.28, -0.07) | (-0.31, -0.08, 0.17) | (-0.36, -0.14, 0.07) | (-0.32, -0.1, 0.09) | (-0.14, 0.04, 0.22) | (-0.09, 0.08, 0.26) |

Box and whisker chart

Description automatically generated with low confidence

Figure 1. Boxplots of the distributions of the parameter estimates of baseline force, Financial Aid, Gender and Honors Program among the three years