**Supplementary Information:**

**Supplementary Table 1:** Descriptive Statistics for the given variables

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **count** | **mean** | **std** | **min** | **25%** | **50%** | **75%** | **max** |
| **Rank** | 100 | 50.49 | 29.0069 | 1 | 25.75 | 50.5 | 75.25 | 100 |
| **PR** | 100 | 32.8581 | 14.4547 | 1.94 | 24.6225 | 33.59 | 40.88 | 98.56 |
| **Male** | 100 | 50.6234 | 14.1193 | 0 | 42.9825 | 50.535 | 56.72 | 85.67 |
| **Female** | 100 | 49.3766 | 14.1193 | 14.33 | 43.28 | 49.465 | 57.0175 | 100 |
| **OC** | 100 | 1.8539 | 2.52593 | 0 | 0.2175 | 0.995 | 2.13 | 11.7 |
| **EC** | 100 | 13.8844 | 15.4159 | 0 | 3.35 | 8.61 | 19.99 | 77.69 |
| **SC** | 100 | 40.6855 | 23.0645 | 1.08 | 25.1425 | 39.98 | 52.8625 | 93.85 |
| **TFR\_Govt** | 100 | 18.9147 | 23.1918 | 0 | 0.315 | 9.905 | 29.56 | 76.23 |
| **TFR\_Inst** | 100 | 7.0392 | 9.99663 | 0 | 0.5625 | 2.7 | 9.8575 | 55.03 |
| **TFR\_Pvt** | 100 | 1.9842 | 5.12988 | 0 | 0 | 0.12 | 1.26 | 35.21 |
| **TFR\_No** | 100 | 26.6299 | 22.2540 | 0 | 7.9125 | 21.26 | 37.82 | 90.47 |
| **Grad** | 100 | 91.474 | 8.52177 | 64.29 | 88.1925 | 93.47 | 96.785 | 100 |
| **Placed** | 100 | 48.9218 | 24.5842 | 2.7 | 25.85 | 53.27 | 69.5375 | 95.21 |
| **MS** | 100 | 7555435 | 4667798 | 343 | 3781750 | 6769000 | 9969500 | 21610000 |
| **HS** | 100 | 19.3911 | 11.9721 | 2.31 | 10.9725 | 16.71 | 24.415 | 71.71 |
| **HRA** | 100 | 1.93 | 0.78180 | 1 | 1 | 2good | 3 | 3 |
| **Funding** | 100 | 2.25 | 0.72995 | 1 | 2 | 2 | 3 | 3 |
| **NAAC** | 100 | 0.91 | 0.28762 | 0 | 1 | 1 | 1 | 1 |
| **YoE** | 100 | 1968.41 | 36.3857 | 1857 | 1952 | 1980.5 | 1996 | 2012 |

**Supplementary Table 2:** Qualitative statistical tests among features and other state students

|  |  |  |  |
| --- | --- | --- | --- |
| **Features** | **P-Value (0.05)** | **Statistical Test** | **Summary** |
| Type of University | 0.0001 | Kruskal-Wallis ANOVA | There is a significant difference for percentage of other state students in different type of universities |
| HRA | 0.08 | Kruskal-Wallis ANOVA | There is no significant difference for percentage of other state students among different HRA |
| YoE (*ρ=0.33*) | 0.0001 | Spearman Correlation | There is significant difference between YoE and perncentage of Other state students |
| Border(*ρ=0.20*) | 0.004 | There is significant difference between total number of border nearby and percentage of Other State Students |
| Railway (*ρ=0.29*) | 0.0001 | There is significant difference between Railway Station distance from campus and percentage of Other State Students |
| Rank (ρ= -0.27) | 0.0001 | Higher the rank lower the other state students (there is a significant different between both) |

Note: ρ= Spearman Rank Correlation

**Supplementary Figure 1:** Women Students Enrolled in different stream of education (NIRF, 2023)

