| ***Variable*** | ***Nonoperative (n = 65)*** | ***Operative (n = 101)*** | ***p*** | ***test*** | ***OR*** |
| --- | --- | --- | --- | --- | --- |
| index\_group: IR | 22 (34%) | 0 (0%) | 9e-48 | Fisher exact |  |
| index\_group: OR\_K | 0 (0%) | 101 (100%) | 9e-48 | Fisher exact |  |
| index\_group: SM | 43 (66%) | 0 (0%) | 9e-48 | Fisher exact |  |
| grade | 3.5 ± 0.5 | 4.4 ± 0.5 | 1e-18 | Wilcoxon rank-sum |  |
| survived: Y | 63 (97%) | 87 (86%) | 0.029 | Fisher exact | 0.20 [0.04–0.90] |
| renal\_pres: Y | 65 (100%) | 36 (36%) | 3e-20 | Fisher exact | 0.00 [0.00–NaN] |
| AKI: Y | 15 (24%) | 39 (45%) | 0.013 | Chi-squared | 2.60 [1.27–5.33] |
| return\_ed\_30d: Y | 17 (27%) | 30 (34%) | 0.42 | Chi-squared | 1.42 [0.70–2.90] |
| GCS | 14 [12–16] | 13 [10–16] | 0.062 | Wilcoxon rank-sum |  |
| ED\_SBP | 118.6 ± 35.5 | 114.6 ± 29.9 | 0.45 | Welch t-test |  |
| ED\_DBP | 72.4 ± 30.6 | 66.7 ± 20.2 | 0.18 | Welch t-test |  |
| MAP\_calc | 85 ± 27.4 | 85.9 ± 24.8 | 0.83 | Welch t-test |  |
| ED\_HR | 98.3 ± 29.6 | 96.4 ± 29.9 | 0.54 | Wilcoxon rank-sum |  |
| ISS | 26 [20–33] | 30 [22–35] | 0.39 | Wilcoxon rank-sum |  |
| surv\_ICU\_LOS | 6.3 ± 3.3 | 11.3 ± 7.8 | 3e-04 | Wilcoxon rank-sum |  |
| vent\_LOS | 6.8 ± 3.8 | 9.6 ± 5.7 | 0.005 | Wilcoxon rank-sum |  |
| surv\_hosp\_LOS | 17.1 ± 9.9 | 29.2 ± 18.2 | 5e-05 | Wilcoxon rank-sum |  |
| Age | 26.5 ± 9 | 29.8 ± 12 | 0.046 | Welch t-test |  |
| BMI | 25 ± 5.6 | 26.3 ± 6.2 | 0.18 | Welch t-test |  |

*Statistical Methods: For continuous variables, normality was assessed using the Shapiro-Wilk test. For 2-group comparisons, normally distributed variables were compared using Welch’s t-test; non-normal distributions were compared using the Wilcoxon rank-sum test. For 3-group comparisons, normally distributed variables were compared using one-way ANOVA; non-normal or ordinal variables specified by the user were compared using the Kruskal-Wallis test. Categorical variables were compared using Chi-squared tests or Fisher’s exact tests if expected counts were <5. Ordinal variables were summarized as medians [IQR] and compared using appropriate non-parametric tests. Note: Approximate p-values were used for non-parametric tests with tied data.*