| ***Variable*** | ***N*** | ***Y*** | ***Total*** | ***p*** | ***test*** | ***SW\_p\_N*** | ***SW\_p\_Y*** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| demographics\_age\_tpx | 56.2 [46.2–61.1] | 59.1 [47.7–62.6] | 56.6 [46.2–61.3] | 0.51 | Wilcoxon rank-sum | 0.0008 | 0.2457 |
| demographics\_race: Asian | 3 (6%) | 1 (12%) | 4 (6%) | 0.20 | Fisher exact |  |  |
| demographics\_race: Black | 31 (57%) | 2 (25%) | 33 (53%) | 0.20 | Fisher exact |  |  |
| demographics\_race: Hispanic | 2 (4%) | 0 (0%) | 2 (3%) | 0.20 | Fisher exact |  |  |
| demographics\_race: White | 18 (33%) | 5 (62%) | 23 (37%) | 0.20 | Fisher exact |  |  |
| demographics\_sex: Male | 37 (69%) | 5 (62%) | 42 (68%) | 0.71 | Fisher exact |  |  |
| demographics\_BMI | 24.9 [22.2–30.3] | 28.9 [26.8–31] | 26.3 [22.8–30.6] | 0.087 | Wilcoxon rank-sum | 0.0938 | 0.9480 |
| comorbidities\_smoking\_hx: Y | 15 (28%) | 3 (38%) | 18 (29%) | 0.68 | Fisher exact |  |  |
| comorbidities\_DM: Y | 18 (33%) | 4 (50%) | 22 (35%) | 0.44 | Fisher exact |  |  |
| comorbidities\_prior\_cardiac\_surg: Y | 20 (37%) | 3 (38%) | 23 (37%) | 1.000 | Fisher exact |  |  |
| preop\_temp\_MCS: Y | 33 (61%) | 5 (62%) | 38 (61%) | >0.99 | Fisher exact |  |  |
| preop\_IABP: Y | 2 (4%) | 0 (0%) | 2 (3%) | >0.99 | Fisher exact |  |  |
| preop\_imeplla5.5: Y | 32 (59%) | 4 (50%) | 36 (58%) | 0.71 | Fisher exact |  |  |
| preop\_VA\_ECMO: Y | 2 (4%) | 2 (25%) | 4 (6%) | 0.077 | Fisher exact |  |  |
| preop\_LVAD: Y | 10 (19%) | 2 (25%) | 12 (19%) | 0.65 | Fisher exact |  |  |
| rx\_preop\_inotrope: Y | 37 (69%) | 4 (50%) | 41 (66%) | 0.43 | Fisher exact |  |  |
| rx\_preop\_amiodarone: Y | 17 (31%) | 3 (38%) | 20 (32%) | 0.71 | Fisher exact |  |  |
| preop\_RADIAL\_calc | 3 [2–4] | 3 [2–4] | 3 [2–4] | 0.75 | Wilcoxon rank-sum | 0.0004 | 0.0297 |
| rx\_preop\_ASA: Y | 20 (37%) | 2 (25%) | 22 (35%) | 0.70 | Fisher exact |  |  |

*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.*