

Variable Description	Variable	Test Null Hypothesis	Test Description	Level
Total number of white patients ( $w$ ) and patients of color ( $p$ )	$n_w, n_p$	$\frac{u_w}{n_w} = \frac{u_p}{n_p}$	<b>Fisher Exact Test (FE)</b> Tests equality of overall hospice utilization rates. Positive ( <b>FE</b> (+)) if $p < 0.05$ , negative ( <b>FE</b> (-)) otherwise.	Hospital
Number of patients who received hospice care ( $u_w = \text{dim}(X_w), u_p = \text{dim}(X_p)$ )	$u_w, u_p$			
Day indices of first hospice utilization for patients who received hospice care	$X_w, X_p$	$X_w$ and $X_p$ have equal central tendency	<b>First Day of Hospice Test (FDH)</b> Compares timing of first hospice day between groups, for pt. who received hospice, using a Mann-Whitney U Test. Positive ( <b>FDH</b> (+)) if $p < 0.05$ , negative ( <b>FDH</b> (-)) otherwise.	Hospital
Number of days spent in hospice by each patient. 0 if patient did not receive hospice. ( $\text{dim}(D_w) = n_w, \text{dim}(D_p) = n_p$ )	$D_w, D_p$	$D_w$ and $D_p$ have equal central tendency	<b>Number of Hospice Days Test (NHD)</b> Compares number of days spent in hospice by each group using a Mann-Whitney U Test. Positive ( <b>NHD</b> (+)) if $p < 0.05$ , negative ( <b>NHD</b> (-)) otherwise.	Hospital
Difference between fraction of white patients and patients of color receiving hospice by day $200 - j$ before death	diffSignal $_j$	For day $200 - j$ before death: <b>PMPCD</b> $_j < 0.95$	<b>POC More Probable Clinically Significant Difference</b> Day $200 - j$ before death is <b>PMPCD</b> (+) if <b>PMPCD</b> $_j \geq 0.95$ , indicating high probability patients of color received meaningfully more hospice	Day
		For day $200 - j$ before death: <b>WMPCD</b> $_j < 0.95$	<b>White More Probable Clinically Significant Difference</b> Day $200 - j$ before death is <b>WMPCD</b> (+) if <b>WMPCD</b> $_j \geq 0.95$ , indicating high probability white patients received meaningfully more hospice	Day
Probability that difference in hospice utilization by day $200 - j$ before death exceeds 5 percentage points favoring white patients ( <b>WMPCD</b> ) or patients of color ( <b>PMPCD</b> )	<b>WMPCD</b> $_j$ <b>PMPCD</b> $_j$	For day $200 - j$ before death: both <b>PMPCD</b> $_j < 0.95$ and <b>WMPCD</b> $_j < 0.95$	<b>Probable Clinically Significant Difference</b> Day $200 - j$ before death is <b>PCD</b> (+) if either <b>PMPCD</b> (+) or <b>WMPCD</b> (+), indicating clinically significant disparity	Day
Entry ( $i, j$ ) is 1 if patient $i$ received hospice by day $200 - j$ before death, 0 otherwise	<b>W</b> $_{i,j}$ , <b>P</b> $_{i,j}$	For a given $j \in [200]$ :	<b>Day By Day Fisher Exact Test</b> Day $200 - j$ before death is <b>DBDFE</b> (+) if <b>DBDFE</b> $_j < 0.05$	Day
Fisher exact test p-value comparing hospice utilization between groups by day $200 - j$ before death	<b>DBDFE</b> $_j$	$\frac{\sum_{i=1}^{n_w} \mathbf{W}_{i,j}}{n_w} = \frac{\sum_{i=1}^{n_p} \mathbf{P}_{i,j}}{n_p}$		