

A. Fisher Exact (FE) test: tests if overall hospice utilization rates differ between racial groups

Hospital 1: $p = 0.077 \geq 0.05 \therefore \mathbf{FE}(-)$

Hospital 2: $p = 0.046 < 0.05 \therefore \mathbf{FE}(+)$

B. Mann-Whitney (MW) test: tests if timing of first hospice day differs between racial groups

Hospital 1: $p = 0.010 < 0.05 \therefore \mathbf{MW}(+)$

Hospital 2: $p = 0.288 \geq 0.05 \therefore \mathbf{MW}(-)$



diffSignal: Difference between fraction of WP and POC receiving hospice by each day before death

95% Credible Interval for the **diffSignal**

D.

PMPCD: $p(\mathbf{diffSignal}_j < -0.05)$ for each day $200 - j$ before death

PMPCD(+): $\mathbf{PMPCD} > 0.95$

WMPCD: $p(\mathbf{diffSignal}_j > 0.05)$ for each day $200 - j$ before death

WMPCD(+): $\mathbf{WMPCD} > 0.95$

DBDFE(+): $\text{DBDFE} < 0.05$

DBDFE: Day-by-day Fisher
exact test p-value for each day
 $200 - j$ before death.