

# Mann-Whitney: Duration ( $\leq 50k$ ), Duration ( $> 50K$ )

## Method

$\eta_1$ : median of Duration ( $\leq 50k$ )

$\eta_2$ : median of Duration ( $> 50K$ )

Difference:  $\eta_1 - \eta_2$

## Descriptive Statistics

Sample	N	Median
Duration ( $\leq 50k$ )	4340	52.7250
Duration ( $> 50K$ )	60	61.9667

## Estimation for Difference

Difference	Upper Bound for Difference	Achieved Confidence
-3.21667	1.03333	95.00%

## Test

Null hypothesis  $H_0: \eta_1 - \eta_2 = 0$

Alternative hypothesis  $H_1: \eta_1 - \eta_2 < 0$

Method	W-Value	P-Value
Not adjusted for ties	9538349.50	0.113
Adjusted for ties	9538349.50	0.113