

WORKSHEET 1

## Paired T-Test and CI: zno\_ST\_T1, zno\_ST\_T2

### Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
zno_ST_T1	12	11575000	630814	182100
zno_ST_T2	12	11220000	997287	287892

### Estimation for Paired Difference

Mean	StDev	SE Mean	95% CI for
			$\mu_{\text{difference}}$
355000	1450489	418720	(-566596, 1276596)

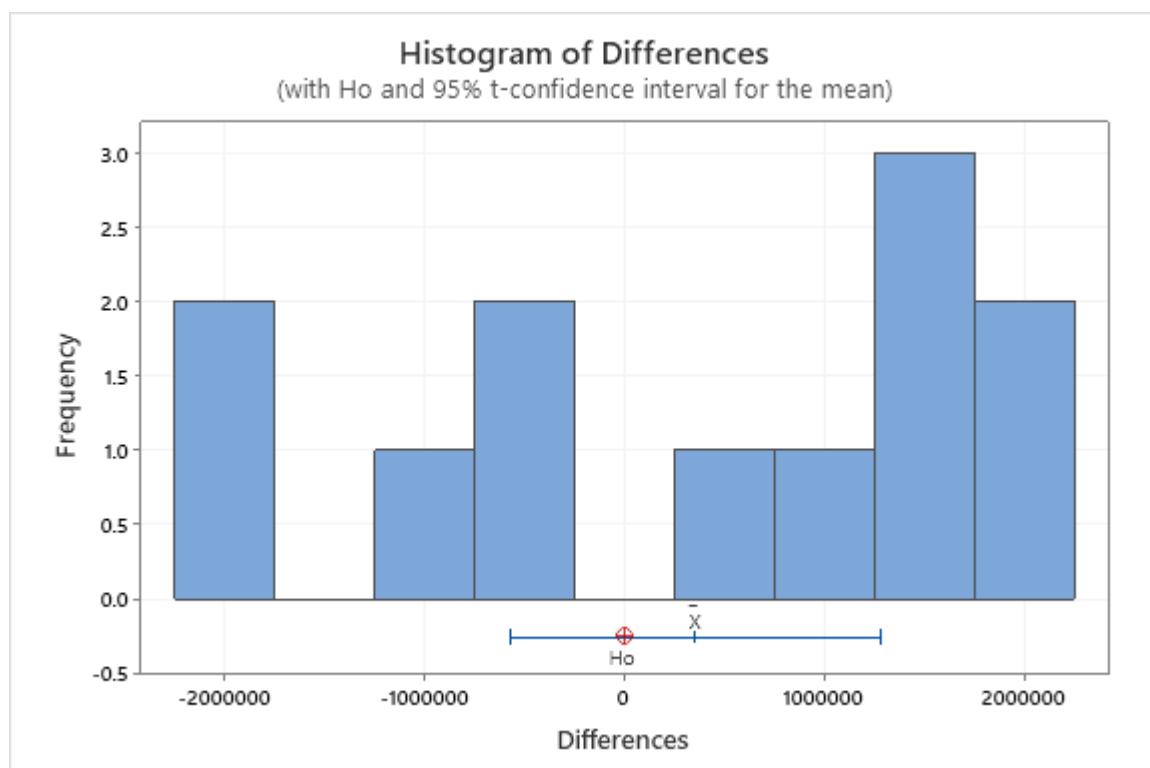
$\mu_{\text{difference}}$ : population mean of (zno\_ST\_T1 - zno\_ST\_T2)

### Test

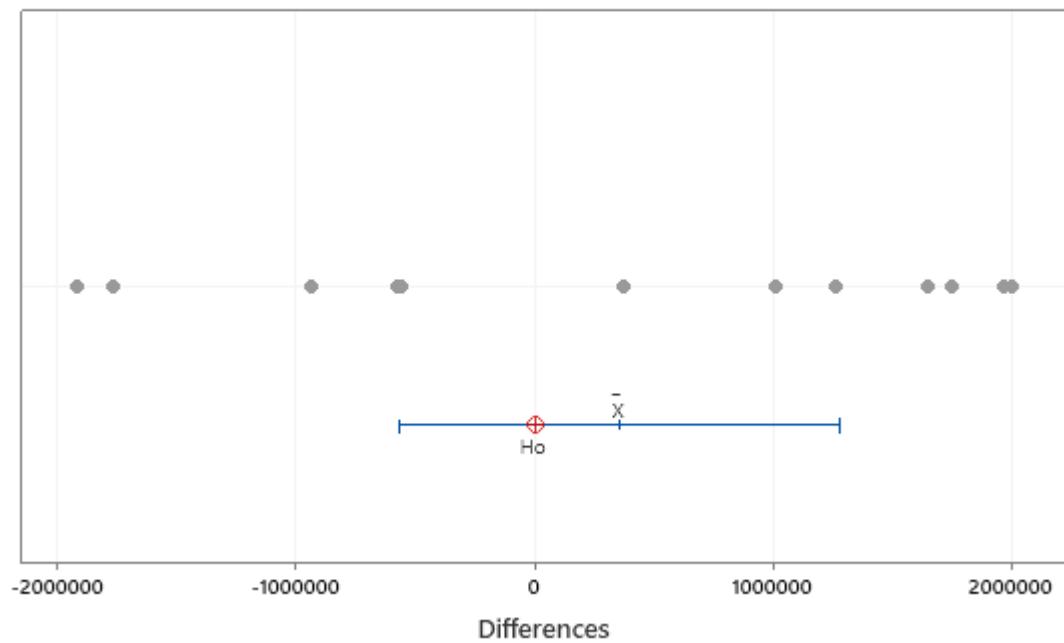
Null hypothesis  $H_0: \mu_{\text{difference}} = 0$

Alternative hypothesis  $H_1: \mu_{\text{difference}} \neq 0$

T-Value	P-Value
0.85	0.415



**Individual Value Plot of Differences**  
(with  $H_0$  and 95% t-confidence interval for the mean)



**Boxplot of Differences**  
(with  $H_0$  and 95% t-confidence interval for the mean)

