

THA vs TKA percent of patients on narcotics

THA_TKA

Case Processing Summary

	THA_TKA	Valid		Cases Missing		Total	
		N	Percent	N	Percent	N	Percent
Percentage_Patients	THA	13	100.0%	0	0.0%	13	100.0%
	TKA	36	100.0%	0	0.0%	36	100.0%

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95.0%
Confidence Interval Type	Percentile

THA_TKA

Descriptives

THA_TKA		Statistic	Std. Error	Bootstrap ^a	
Percentage_Patients	THA			Bias	Std. Error
	Mean	15.3846	10.41543	.3229	9.9639
	95% Confidence Interval for Mean	Lower Bound	-7.3087		
		Upper Bound	38.0779		
	5% Trimmed Mean	11.5385		.9484	10.2421
	Median	.0000		.2000	3.8698
	Variance	1410.256		-75.706	707.685
	Std. Deviation	37.55338		-3.67335	13.67045
	Minimum	.00			
	Maximum	100.00			
	Range	100.00			
	Interquartile Range	.00		22.70	37.73

Percentage_Pa tients	THA_TKA	Skewness		2.179	.616	.059 ^b	.996 ^b
		Kurtosis		3.223	1.191	1.507 ^b	5.631 ^b
		Mean		52.7778	8.43849	.1020	8.6756
		95% Confidence Interval for Mean	Lower Bound	35.6467			
			Upper Bound	69.9088			
		5% Trimmed Mean		53.0864		.1134	9.6395
		Median		100.000 0		- 38.6000	47.2999
		Variance		2563.49 2		-77.644	122.383
		Std. Deviation		50.6309 4		-.78897	1.27582
		Minimum		.00			
		Maximum		100.00			
		Range		100.00			
		Interquartile Range		100.00		-.53	6.05
		Skewness		-.116	.393	-.011	.384
		Kurtosis		-2.107	.768	.159	.282

Descriptives

			Bootstrap 95% Confidence Interval	
THA_TKA			Lower	Upper
Percentage_Patients	THA	Mean	.0000	37.4711
		95% Confidence Interval for Mean		
		Lower Bound		
		Upper Bound		
		5% Trimmed Mean	.0000	36.0790
		Median	.0000	.0000
		Variance	.000	2564.103
		Std. Deviation	.00000	50.63697
		Minimum		
		Maximum		
		Range		
		Interquartile Range	.00	100.00
		Skewness	.599 ^b	4.000 ^b
		Kurtosis	-2.080 ^b	16.000 ^b

	TKA	Mean	36.5854	70.5882
		95% Confidence Interval for Mean	Lower Bound	
			Upper Bound	
		5% Trimmed Mean	35.0949	72.8758
		Median	.0000	100.0000
		Variance	2087.346	2575.758
		Std. Deviation	45.68746	50.75192
		Minimum		
		Maximum		
		Range		
		Interquartile Range	100.00	100.00
		Skewness	-.946	.583
		Kurtosis	-2.129	-1.043

- a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples
b. Based on 894 samples

Tests of Normality

	THA_TKA	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Percentage_Patients	THA	.505	13	<.001	.446	13	<.001
	TKA	.352	36	<.001	.636	36	<.001

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Percentage_Patients	Based on Mean	30.340	1	47	<.001
	Based on Median	4.267	1	47	.044
	Based on Median and with adjusted df	4.267	1	44.800	.045
	Based on trimmed mean	30.340	1	47	<.001

Kruskal-Wallis Test

Ranks			
	THA_TKA	N	Mean Rank
Percentage_Patients	THA	13	18.27
	TKA	36	27.43
	Total	49	

Test Statistics^{a,b}

Percentage_Patients	
Kruskal-Wallis H	5.342
df	1
Asymp. Sig.	.021

a. Kruskal Wallis Test

b. Grouping Variable: THA_TKA

Mann-Whitney Test

Ranks				
	THA_TKA	N	Mean Rank	Sum of Ranks
Percentage_Patients	THA	13	18.27	237.50
	TKA	36	27.43	987.50
	Total	49		

Test Statistics^a

Percentage_Patients	
Mann-Whitney U	146.500
Wilcoxon W	237.500
Z	-2.311
Asymp. Sig. (2-tailed)	.021

a. Grouping Variable: THA_TKA