

**The SURVEYSELECT Procedure**

<b>Selection Method</b>	Simple Random Sampling
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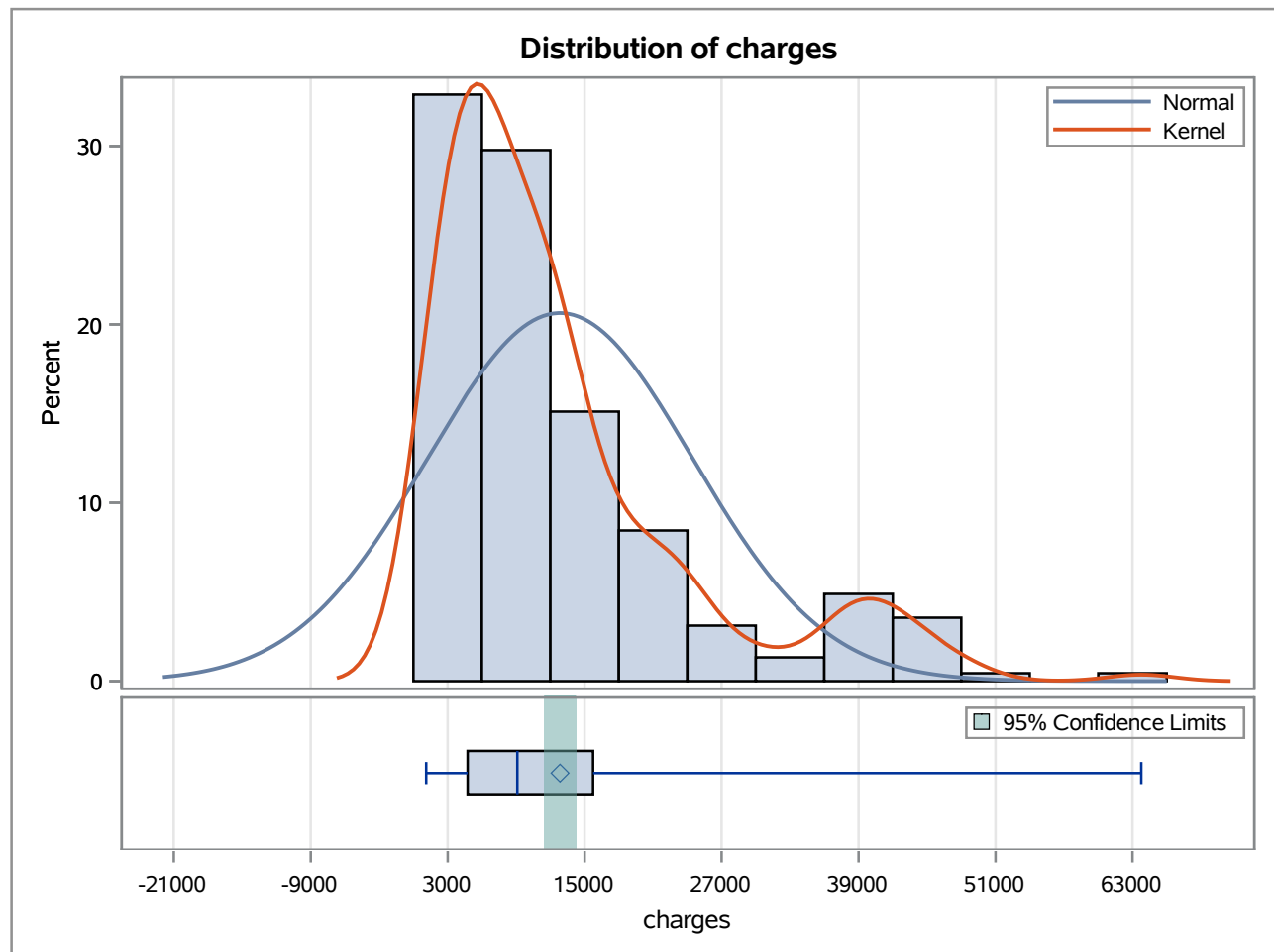
<b>Input Data Set</b>	CLEAN2
<b>Random Number Seed</b>	14
<b>Sample Size</b>	225
<b>Selection Probability</b>	0.168287
<b>Sampling Weight</b>	5.942222
<b>Output Data Set</b>	COSTS_SRS_SAMPLE

## The SURVEYMEANS Procedure

Data Summary	
Number of Observations	225
Sum of Weights	1337

Statistics						
Variable	Mean	Std Error of Mean	Var of Mean	95% CL for Mean		Coeff of Variation
charges	12845	706.728317	499465	11452.4887	14237.8618	0.055019

## The SURVEYMEANS Procedure



**The SURVEYSELECT Procedure**

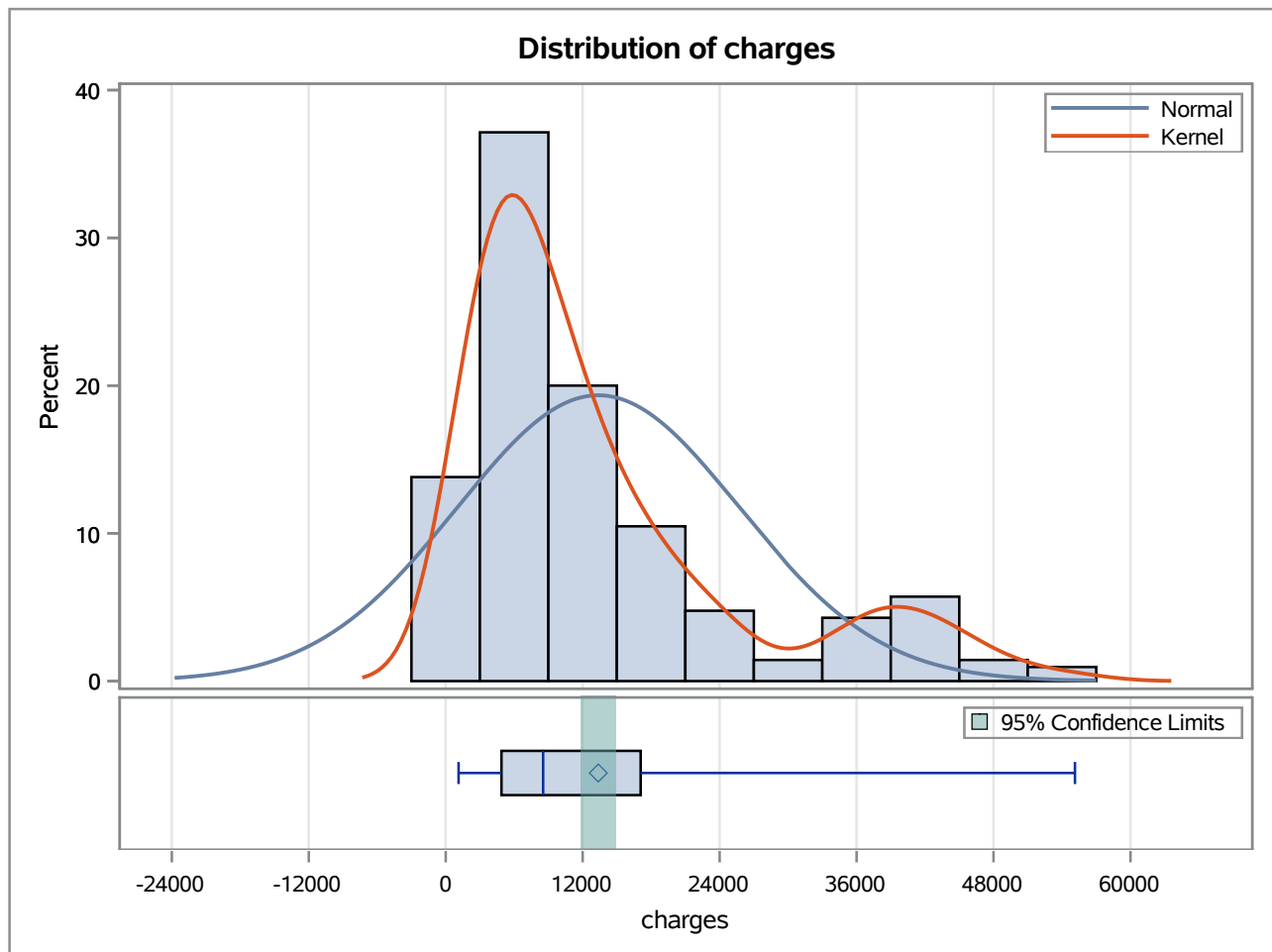
<b>Selection Method</b>	Unrestricted Random Sampling
<b>Input Data Set</b>	CLEAN2
<b>Random Number Seed</b>	14
<b>Sample Size</b>	225
<b>Expected Number of Hits</b>	0.16828721
<b>Sampling Weight</b>	5.942222
<b>Output Data Set</b>	COSTS_URS_SAMPLE

## The SURVEYMEANS Procedure

Data Summary	
Number of Observations	210
Sum of Weights	1247.86667

Statistics						
Variable	Mean	Std Error of Mean	Var of Mean	95% CL for Mean		Coeff of Variation
charges	13371	785.775838	617444	11822.0848	14920.2095	0.058767

## The SURVEYMEANS Procedure



**The FREQ Procedure**

smoker				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	1063	79.51	1063	79.51
yes	274	20.49	1337	100.00

**The SURVEYSELECT Procedure**

<b>Selection Method</b>	Simple Random Sampling
<b>Strata Variable</b>	smoker

<b>Input Data Set</b>	CLEAN2
<b>Random Number Seed</b>	14
<b>Number of Strata</b>	2
<b>Total Sample Size</b>	225
<b>Output Data Set</b>	COSTS_STRATA_SAMPLE

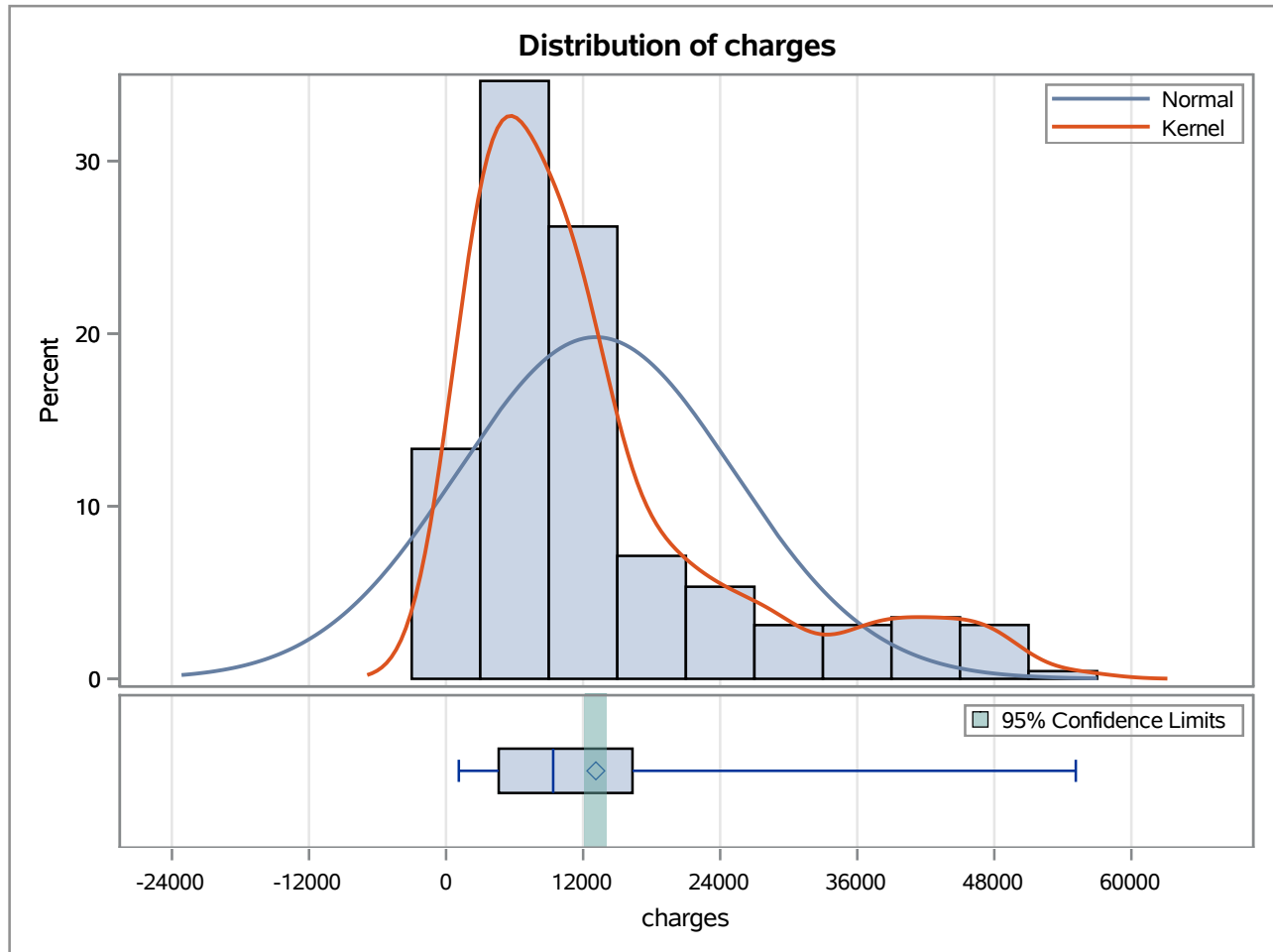


## The SURVEYMEANS Procedure

Data Summary	
Number of Strata	2
Number of Observations	225
Sum of Weights	1337

Statistics						
Variable	Mean	Std Error of Mean	Var of Mean	95% CL for Mean		Coeff of Variation
charges	13116	491.155990	241234	12148.2866	14084.0885	0.037447

## The SURVEYMEANS Procedure



**The SURVEYSELECT Procedure**

<b>Selection Method</b>	Simple Random Sampling
<b>Sampling Unit Variable</b>	region

<b>Input Data Set</b>	CLEAN2
<b>Random Number Seed</b>	14
<b>Sample Size</b>	2
<b>Selection Probability</b>	0.5
<b>Sampling Weight</b>	2
<b>Output Data Set</b>	COSTS_CLUSTER_SAMPLE

## The SURVEYMEANS Procedure

Data Summary	
Number of Clusters	2
Number of Observations	688
Sum of Weights	1376

Statistics						
Variable	Mean	Std Error of Mean	Var of Mean	95% CL for Mean		Coeff of Variation
charges	14110	468.293677	219299	8159.29715	20059.7678	0.033190

## The SURVEYMEANS Procedure

