Descriptive statistics numeric continuous variables

The MEANS Procedure

Variable	Label	N Miss	Mean	Std Dev	Minimum	Maximum
sex	Sex	0	1.4188482	0.4940175	1.0000000	2.0000000
Cholesterol	Cholesterol	0	207.3455497	44.6735722	78.0000000	443.0000000
Glucose	Blood Glucose	0	107.6387435	54.0872763	48.0000000	385.0000000
hdl	HDL	0	50.2565445	17.3590203	12.0000000	120.0000000
ratio	Ratio (HDL:LDL)	0	4.5314136	1.7465399	1.5000000	19.2999992
glyhb	Glycosylated Hemoglobin	0	5.6004974	2.2425128	2.6800001	16.1100006
age	Age	0	46.8848168	16.5531778	19.0000000	92.0000000
height_in	Height	0	65.9816754	3.9447868	52.0000000	76.0000000
weight_lbs	Weight	0	177.9973822	40.3969476	99.0000000	325.0000000
systolic_bp	Systolic Blood Pressure	0	137.2670157	23.0123078	90.0000000	250.0000000
diastolic_bp	Diastolic Blood Pressure	0	83.3586387	13.4669681	48.0000000	124.0000000
waist_in	Waist Circumference (Inches)	0	37.9424084	5.7572807	26.0000000	56.0000000
hip_in	Hip Circumference (Inches)	0	43.0575916	5.6197844	30.0000000	64.0000000

Descriptive statistics for categorical variables

The FREQ Procedure

Race				
race	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Black	120	31.41	120	31.41
Latinx	54	14.14	174	45.55
Other	30	7.85	204	53.40
White	178	46.60	382	100.00

Treatment Location				
treatment_location	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Rural	201	52.62	201	52.62
Urban	181	47.38	382	100.00

Get confidence intervals

The UNIVARIATE Procedure
Variable: sex (Sex)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	1.41885	1.36915	1.46855
Std Deviation	0.49402	0.46129	0.53178
Variance	0.24405	0.21279	0.28279

Get confidence intervals

The UNIVARIATE Procedure
Variable: Cholesterol (Cholesterol)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	207.34555	202.85139	211.83971
Std Deviation	44.67357	41.71442	48.08807
Variance	1996	1740	2312

Get confidence intervals

The UNIVARIATE Procedure
Variable: Glucose (Blood Glucose)

Basic Confidence Limits Assuming Normality			
Parameter	**Estimate**	**95% Confidence Limits**	
Mean	107.63874	102.19756	113.07993
Std Deviation	54.08728	50.50457	58.22129
Variance	2925	2551	3390

Get confidence intervals

The UNIVARIATE Procedure
Variable: hdl (HDL)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	50.25654	48.51023	52.00286
Std Deviation	17.35902	16.20917	18.68581
Variance	301.33559	262.73720	349.15948

Get confidence intervals

The UNIVARIATE Procedure
Variable: ratio (Ratio (HDL:LDL))

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	4.53141	4.35571	4.70712
Std Deviation	1.74654	1.63085	1.88003
Variance	3.05040	2.65967	3.53452

Get confidence intervals

The UNIVARIATE Procedure
Variable: glyhb (Glycosylated Hemoglobin)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	5.60050	5.37490	5.82609
Std Deviation	2.24251	2.09397	2.41391
Variance	5.02886	4.38471	5.82698

Get confidence intervals

The UNIVARIATE Procedure
Variable: age (Age)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	46.88482	45.21957	48.55007
Std Deviation	16.55318	15.45671	17.81837
Variance	274.00770	238.90977	317.49448

Get confidence intervals

The UNIVARIATE Procedure
Variable: height_in (Height)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	65.98168	65.58483	66.37852
Std Deviation	3.94479	3.68349	4.24630
Variance	15.56134	13.56807	18.03103

Get confidence intervals

The UNIVARIATE Procedure
Variable: weight_lbs (Weight)

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	177.99738	173.93345	182.06132
Std Deviation	40.39695	37.72108	43.48458
Variance	1632	1423	1891

Get confidence intervals

The UNIVARIATE Procedure
Variable: systolic_bp (Systolic Blood Pressure)

Basic Confidence Limits Assuming Normality			
Parameter	**Estimate**	**95% Confidence Limits**	
Mean	137.26702	134.95198	139.58206
Std Deviation	23.01231	21.48799	24.77119
Variance	529.56631	461.73361	613.61189

Get confidence intervals

The UNIVARIATE Procedure
Variable: diastolic_bp (Diastolic Blood Pressure)

Basic Confidence Limits Assuming Normality			
Parameter	**Estimate**	**95% Confidence Limits**	
Mean	83.35864	82.00386	84.71342
Std Deviation	13.46697	12.57492	14.49628
Variance	181.35923	158.12874	210.14210

Get confidence intervals

The UNIVARIATE Procedure
Variable: waist_in (Waist Circumference (Inches))

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	95% Confidence Limits	
Mean	37.94241	37.36323	38.52159
Std Deviation	5.75728	5.37592	6.19732
Variance	33.14628	28.90054	38.40681

Get confidence intervals

The UNIVARIATE Procedure
Variable: hip_in (Hip Circumference (Inches))

Basic Confidence Limits Assuming Normality			
Parameter	**Estimate**	**95% Confidence Limits**	
Mean	43.05759	42.49224	43.62294
Std Deviation	5.61978	5.24753	6.04932
Variance	31.58198	27.53661	36.59424

Skewness and Kurtosis table

The MEANS Procedure

Variable	Label	Skewness	Kurtosis
sex	Sex	0.3302675	-1.9009034
Cholesterol	Cholesterol	0.9611073	2.7233072
Glucose	Blood Glucose	2.7035845	7.8292454
hdl	HDL	1.2410973	2.1266500
ratio	Ratio (HDL:LDL)	2.2470255	13.4868503
glyhb	Glycosylated Hemoglobin	2.2585720	5.1645137
age	Age	0.3176381	-0.6942088
height_in	Height	0.0124189	-0.2223667
weight_lbs	Weight	0.7435064	0.7552423
systolic_bp	Systolic Blood Pressure	1.0895417	2.3273692
diastolic_bp	Diastolic Blood Pressure	0.2378781	0.1319859
waist_in	Waist Circumference (Inches)	0.4762570	-0.1580780
hip_in	Hip Circumference (Inches)	0.8211561	0.9405679

Diabetes Data

Obs	race	treatment_location	sex	Cholesterol	Glucose	hdl	ratio	glyhb	age	height_in
1	Black	Urban	Female	165.00	97.00	24.00	6.90	4.44	29.00	64.00
2	White	Urban	Female	228.00	92.00	37.00	6.20	4.64	58.00	61.00
3	White	Urban	Male	78.00	93.00	12.00	6.50	4.63	67.00	67.00
4	White	Urban	Male	249.00	90.00	28.00	8.90	7.72	64.00	68.00
5	Black	Urban	Female	242.00	82.00	54.00	4.50	4.77	60.00	65.00

Obs	weight_lbs	systolic_bp	diastolic_bp	waist_in	hip_in
1	218.00	112.00	68.00	46.00	48.00
2	256.00	190.00	92.00	49.00	57.00
3	119.00	110.00	50.00	33.00	38.00
4	183.00	138.00	80.00	44.00	41.00
5	156.00	130.00	90.00	39.00	45.00