

## 5 point Summary

Variable	Label	Mean	Median	Mode	Std Dev	Variance	Minimum	Maximum
AgeCHDdiag	Age CHD Diagnosed	63.3029676	63.0000000	59.0000000	10.0182154	100.3646390	32.0000000	90.0000000
AgeAtStart	Age at Start	44.0687272	43.0000000	36.0000000	8.5749541	73.5298379	28.0000000	62.0000000
Height		64.8131847	64.5000000	62.5000000	3.5827074	12.8357921	51.5000000	76.5000000
Weight		153.0866808	150.0000000	138.0000000	28.9154261	836.1018660	67.0000000	300.0000000
Diastolic		85.3586101	84.0000000	80.0000000	12.9730913	168.3010976	50.0000000	160.0000000
Systolic		136.9095796	132.0000000	120.0000000	23.7395964	563.5684355	82.0000000	300.0000000
MRW	Metropolitan Relative Weight	119.9575245	118.0000000	113.0000000	19.9834015	399.3363347	67.0000000	268.0000000
Smoking		9.3665185	1.0000000	0	12.0314511	144.7558161	0	60.0000000
AgeAtDeath		70.5364139	71.0000000	68.0000000	10.5594062	111.5010603	36.0000000	93.0000000
Cholesterol	Age at Death	227.4174412	223.0000000	200.0000000	44.9355238	2019.20	96.0000000	568.0000000

## Number of missing values

Variable	Label	N Miss
AgeCHDdiag	Age CHD Diagnosed	3760
AgeAtStart	Age at Start	0
Height		6
Weight		6
Diastolic		0
Systolic		0
MRW	Metropolitan Relative Weight	6
Smoking		36
AgeAtDeath	Age at Death	3218
Cholesterol		152

## Getting Number of Distinct Values

Status	DeathCause	Sex	Chol_status	Smoking_status
2	5	2	3	5

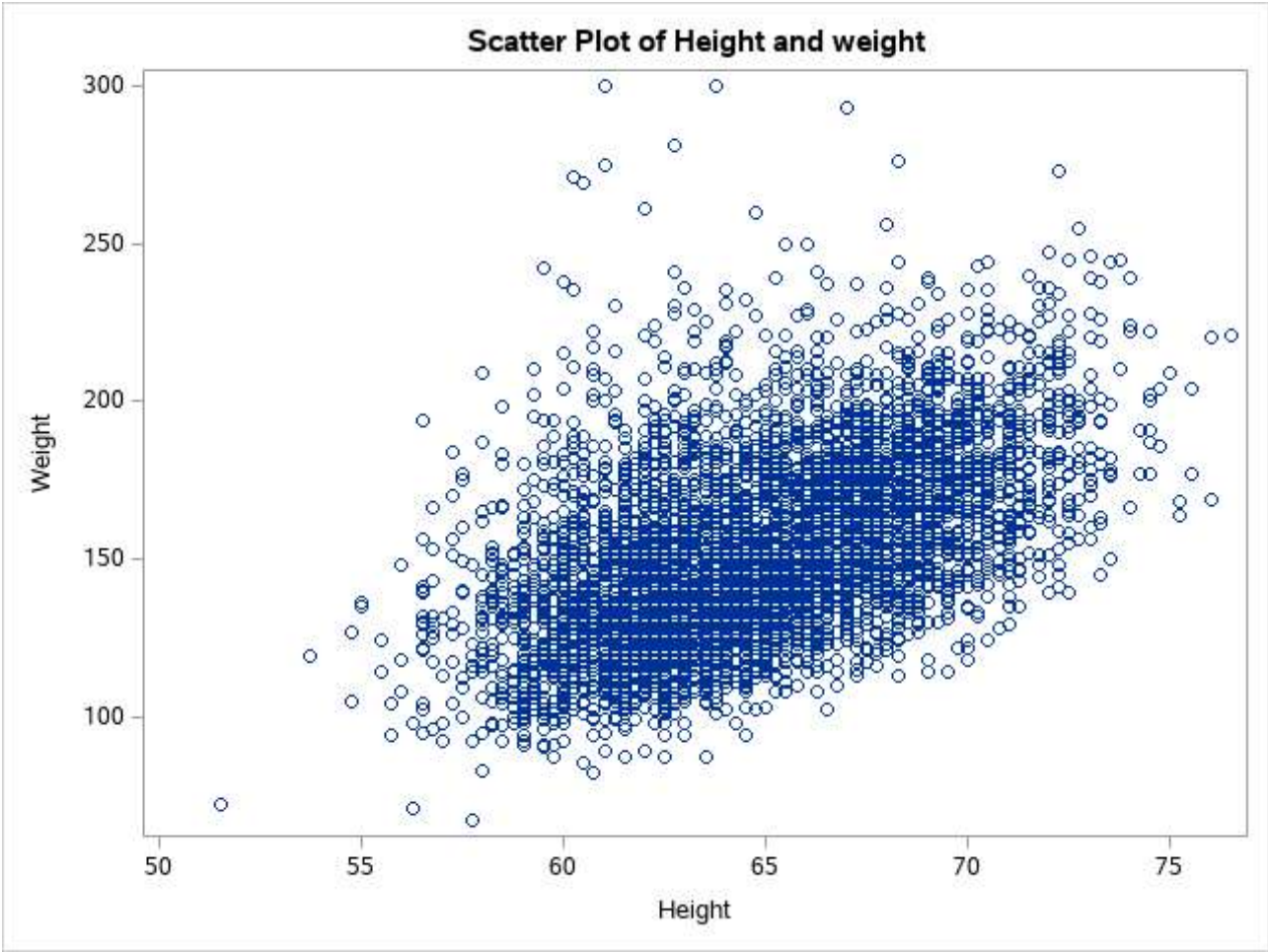
## Correlation of the Attributes

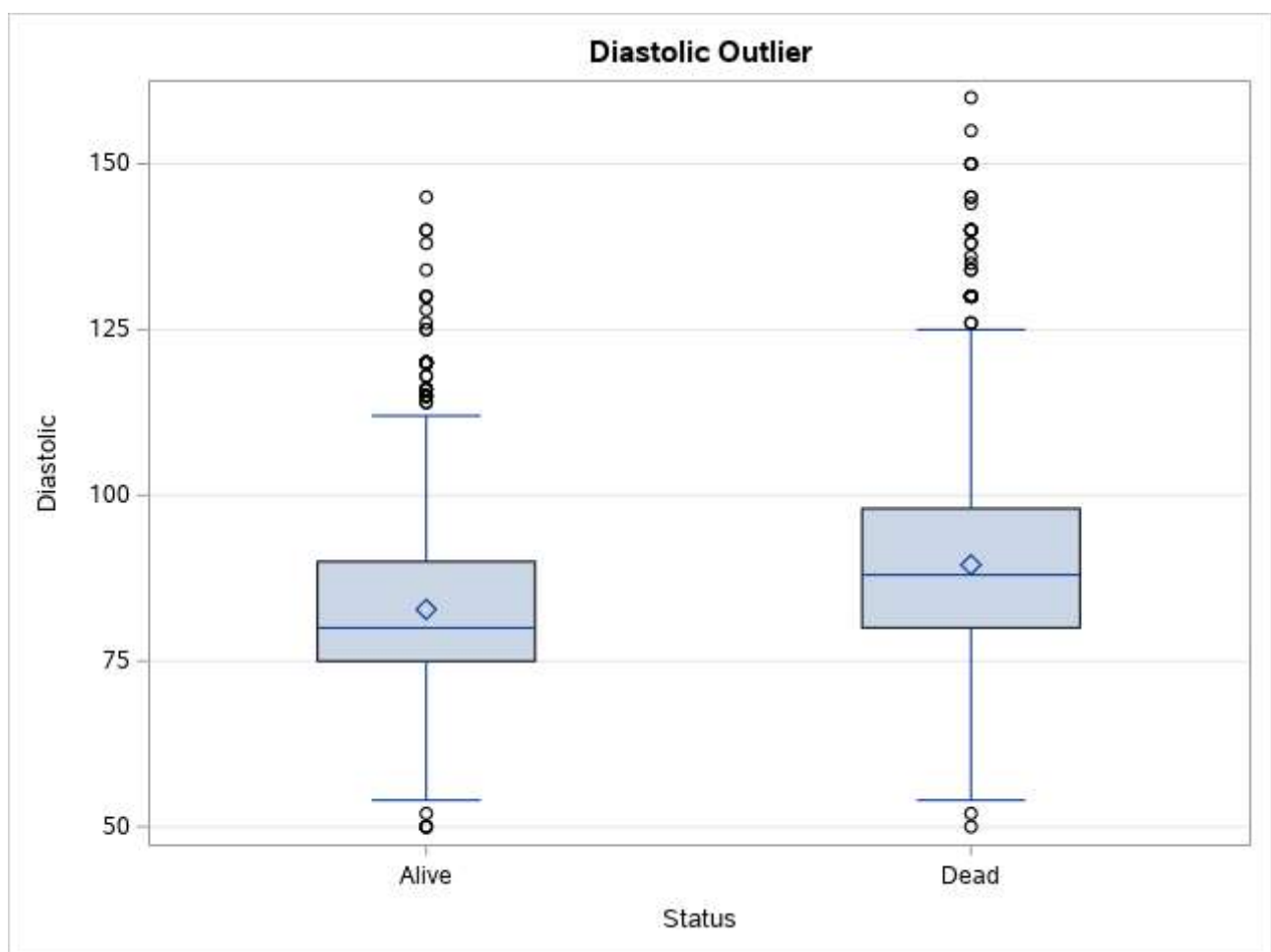
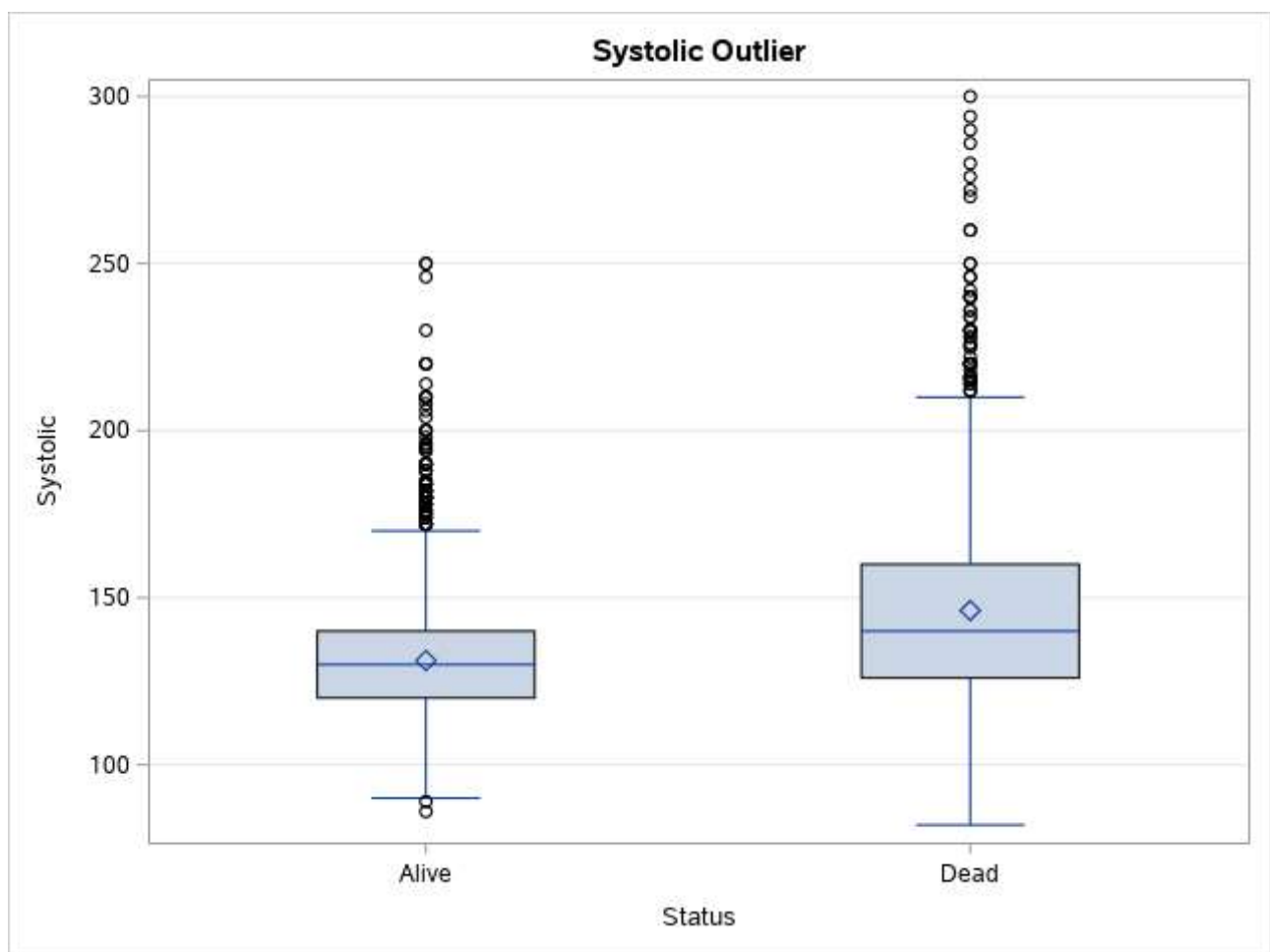
**10 Variables:** AgeCHDdiag AgeAtStart Height Weight Diastolic Systolic MRW Smoking AgeAtDeath Cholesterol

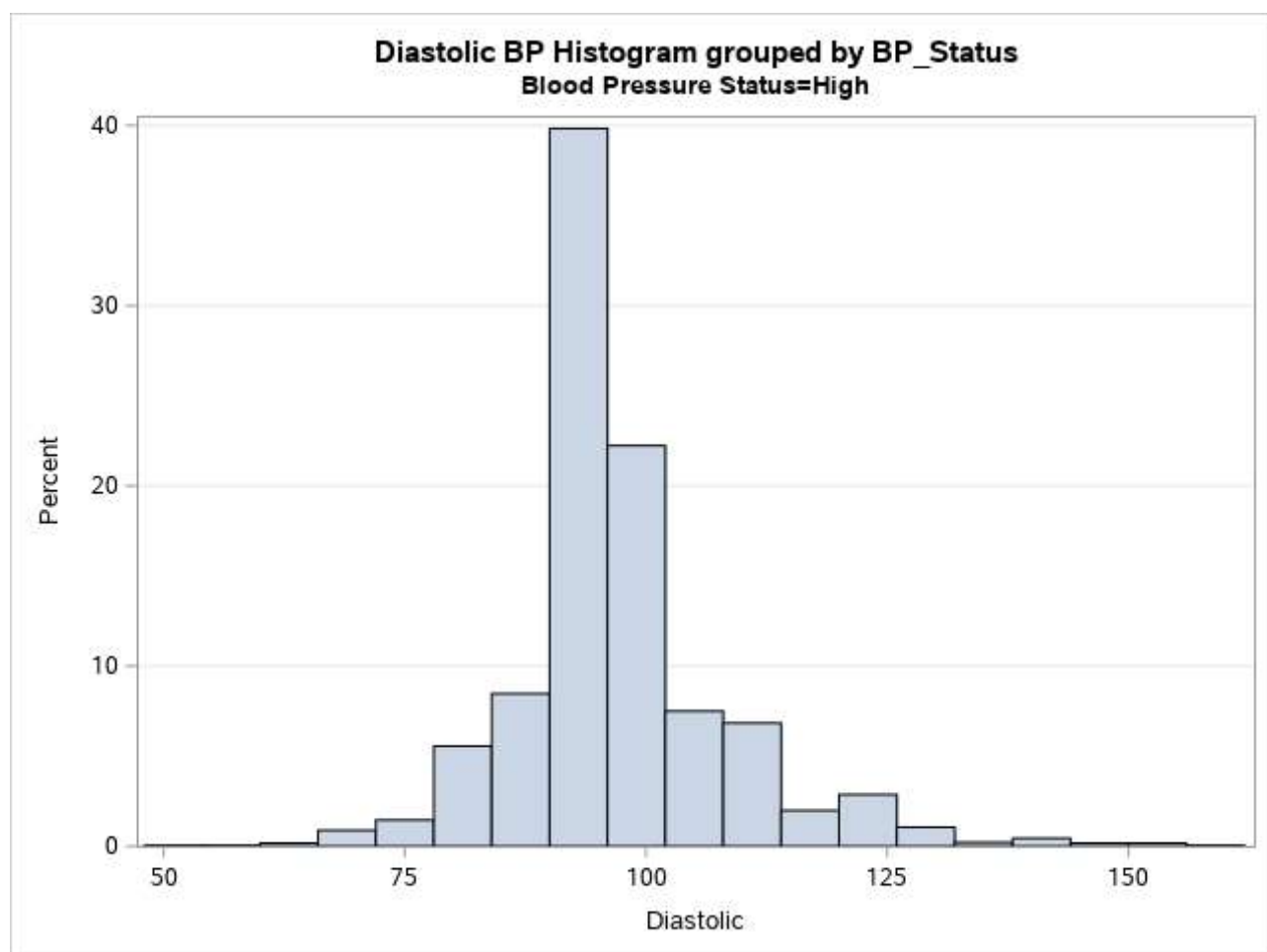
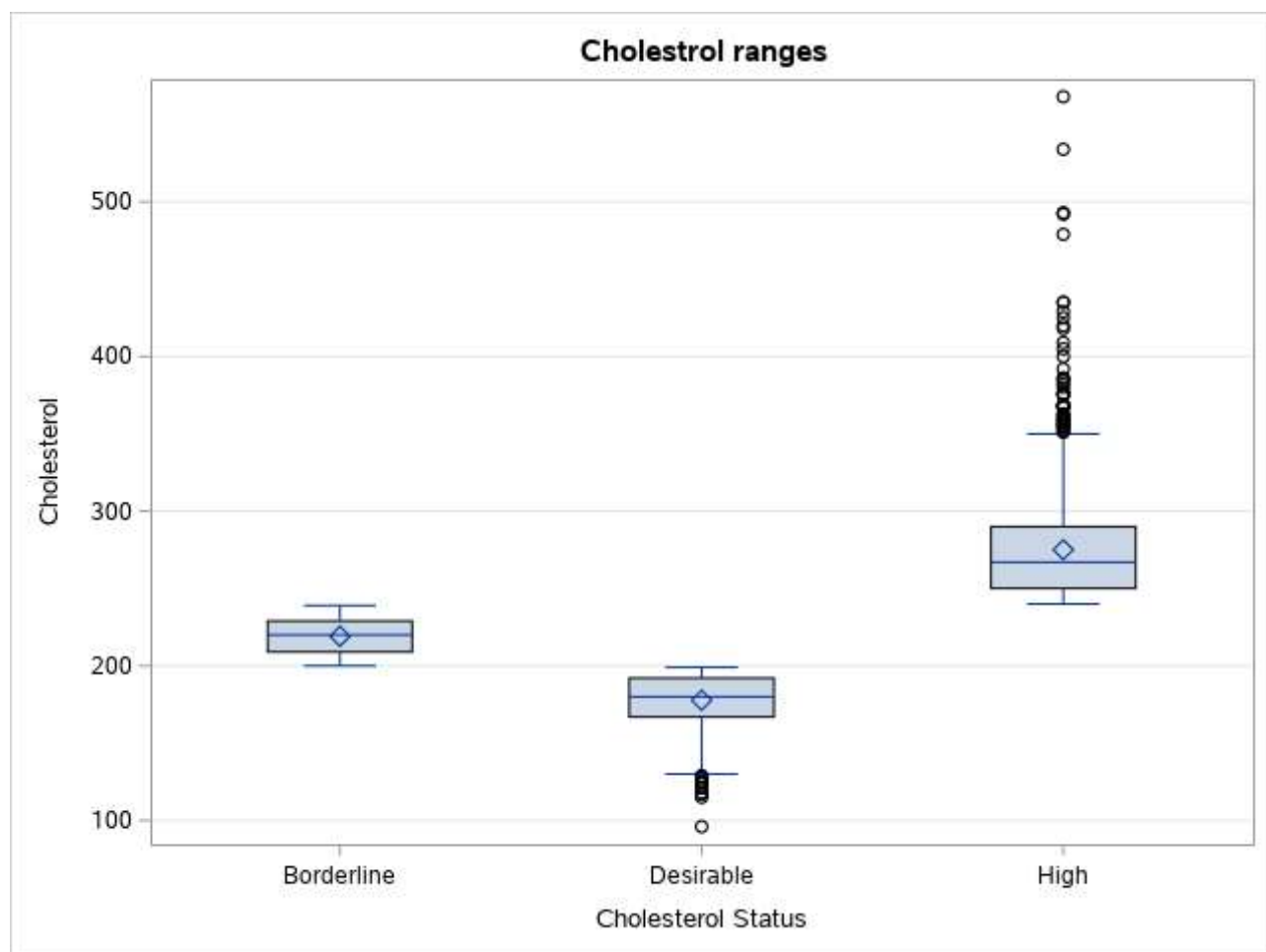
Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
AgeCHDdiag	1449	63.30297	10.01822	91726	32.00000	90.00000	Age CHD Diagnosed
AgeAtStart	5209	44.06873	8.57495	229554	28.00000	62.00000	Age at Start
Height	5203	64.81318	3.58271	337223	51.50000	76.50000	
Weight	5203	153.08668	28.91543	796510	67.00000	300.00000	
Diastolic	5209	85.35861	12.97309	444633	50.00000	160.00000	
Systolic	5209	136.90958	23.73960	713162	82.00000	300.00000	
MRW	5203	119.95752	19.98340	624139	67.00000	268.00000	Metropolitan Relative Weight
Smoking	5173	9.36652	12.03145	48453	0	60.00000	
AgeAtDeath	1991	70.53641	10.55941	140438	36.00000	93.00000	Age at Death
Cholesterol	5057	227.41744	44.93552	1150050	96.00000	568.00000	

Pearson Correlation Coefficients										
Prob >  r  under H0: Rho=0										
Number of Observations										
	AgeCHDdiag	AgeAtStart	Height	Weight	Diastolic	Systolic	MRW	Smoking	AgeAtDeath	Cholesterol
AgeCHDdiag	1.00000	0.55091	-0.21042	-0.13741	-0.03510	0.06924	0.00642	-0.28357	0.74811	0.00363
Age CHD Diagnosed	1449	<.0001	<.0001	<.0001	0.1817	0.0084	0.8072	<.0001	<.0001	0.8918
		1449	1448	1447	1449	1449	1447	1440	894	1408

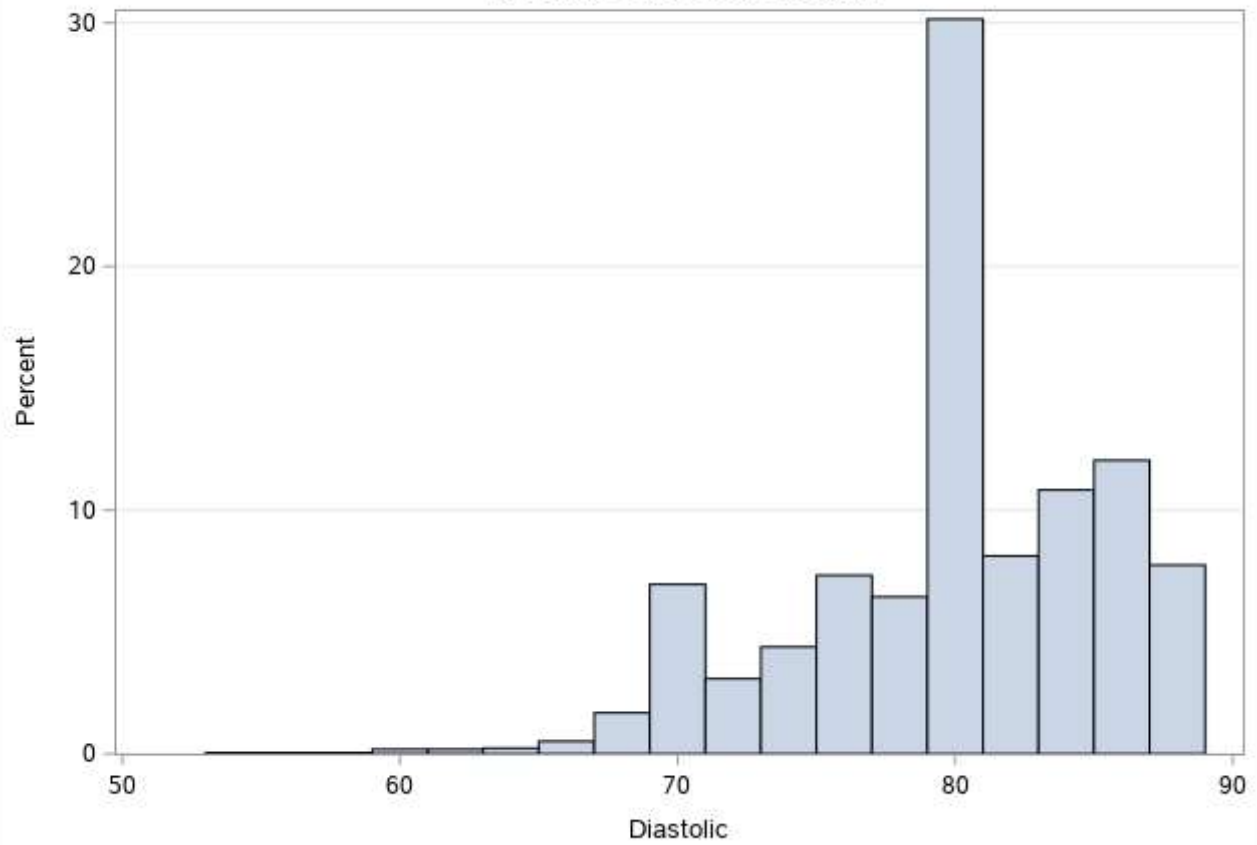
Pearson Correlation Coefficients Prob >  r  under H0: Rho=0 Number of Observations										
	AgeCHDdiag	AgeAtStart	Height	Weight	Diastolic	Systolic	MRW	Smoking	AgeAtDeath	Cholesterol
AgeAtStart Age at Start	0.55091 <.0001 1449	1.00000 5209	-0.13173 <.0001 5203	0.09352 <.0001 5203	0.27540 <.0001 5209	0.37938 <.0001 5209	0.20451 <.0001 5203	-0.16743 <.0001 5173	0.68860 <.0001 1991	0.27341 <.0001 5057
Height	-0.21042 <.0001 1448	-0.13173 <.0001 5203	1.00000 5203	0.51739 <.0001 5199	-0.01425 0.3043 5203	-0.07113 <.0001 5203	-0.13629 <.0001 5199	0.28703 <.0001 5167	-0.13658 <.0001 1986	-0.07959 <.0001 5051
Weight	-0.13741 <.0001 1447	0.09352 <.0001 5203	0.51739 <.0001 5199	1.00000 5203	0.32757 <.0001 5203	0.26358 <.0001 5203	0.76717 <.0001 5203	0.08870 <.0001 5167	0.00460 0.8375 1988	0.07243 <.0001 5051
Diastolic	-0.03510 0.1817 1449	0.27540 <.0001 5209	-0.01425 0.3043 5203	0.32757 <.0001 5203	1.00000 5209	0.79606 <.0001 5209	0.38511 <.0001 5203	-0.06412 <.0001 5173	0.01004 0.6544 1991	0.18336 <.0001 5057
Systolic	0.06924 0.0084 1449	0.37938 <.0001 5209	-0.07113 <.0001 5203	0.26358 <.0001 5203	0.79606 <.0001 5209	1.00000 5209	0.36257 <.0001 5203	-0.09238 <.0001 5173	0.10217 <.0001 1991	0.19935 <.0001 5057
MRW Metropolitan Relative Weight	0.00642 0.8072 1447	0.20451 <.0001 5203	-0.13629 <.0001 5199	0.76717 <.0001 5203	0.38511 <.0001 5203	0.36257 <.0001 5203	1.00000 5203	-0.12524 <.0001 5167	0.10293 <.0001 1988	0.13735 <.0001 5051
Smoking	-0.28357 <.0001 1440	-0.16743 <.0001 5173	0.28703 <.0001 5167	0.08870 <.0001 5167	-0.06412 <.0001 5173	-0.09238 <.0001 5173	-0.12524 <.0001 5167	1.00000 5173	-0.28525 <.0001 1971	-0.01178 0.4027 5049
AgeAtDeath Age at Death	0.74811 <.0001 894	0.68860 <.0001 1991	-0.13658 <.0001 1986	0.00460 0.8375 1988	0.01004 0.6544 1991	0.10217 <.0001 1991	0.10293 <.0001 1988	-0.28525 <.0001 1971	1.00000 1991	0.07844 0.0006 1922
Cholesterol	0.00363 0.8918 1408	0.27341 <.0001 5057	-0.07959 <.0001 5051	0.07243 <.0001 5051	0.18336 <.0001 5057	0.19935 <.0001 5057	0.13735 <.0001 5051	-0.01178 0.4027 5049	0.07844 0.0006 1922	1.00000 5057



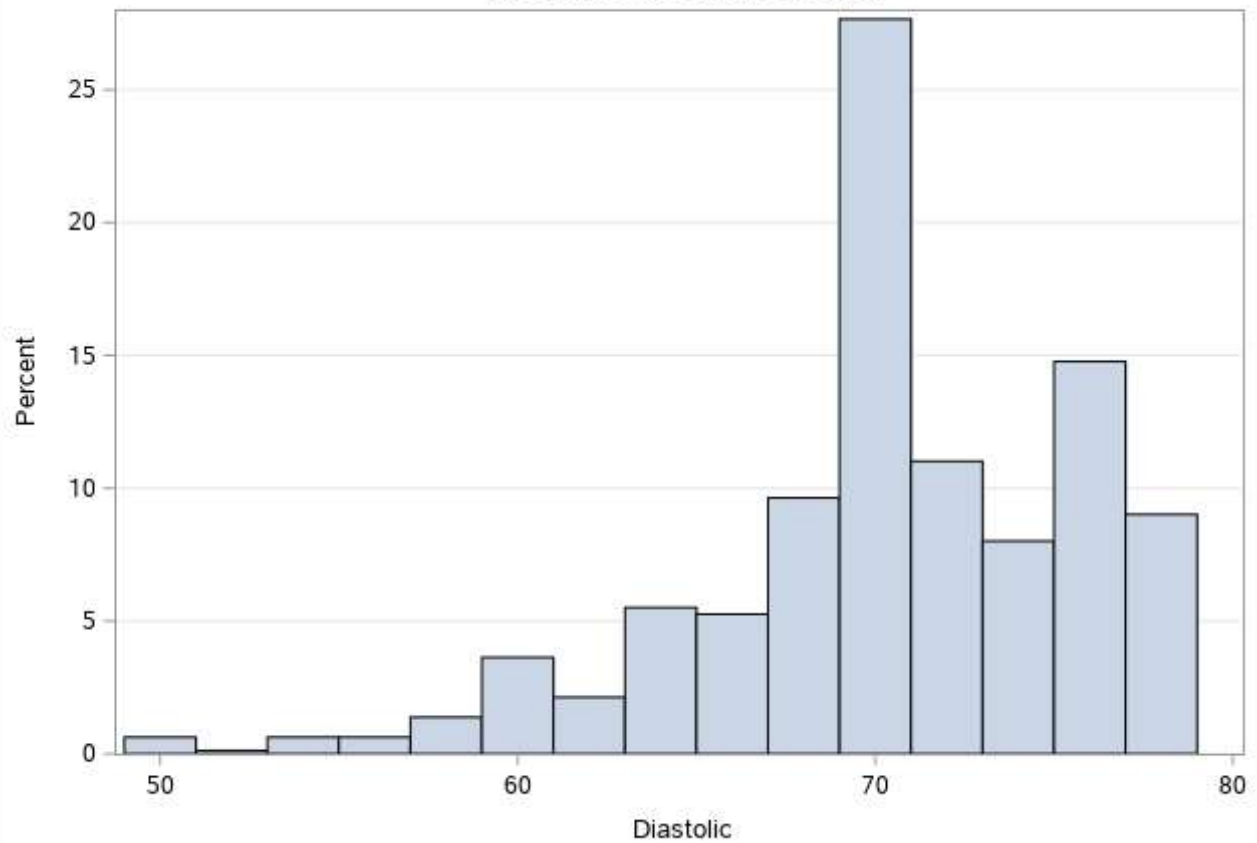




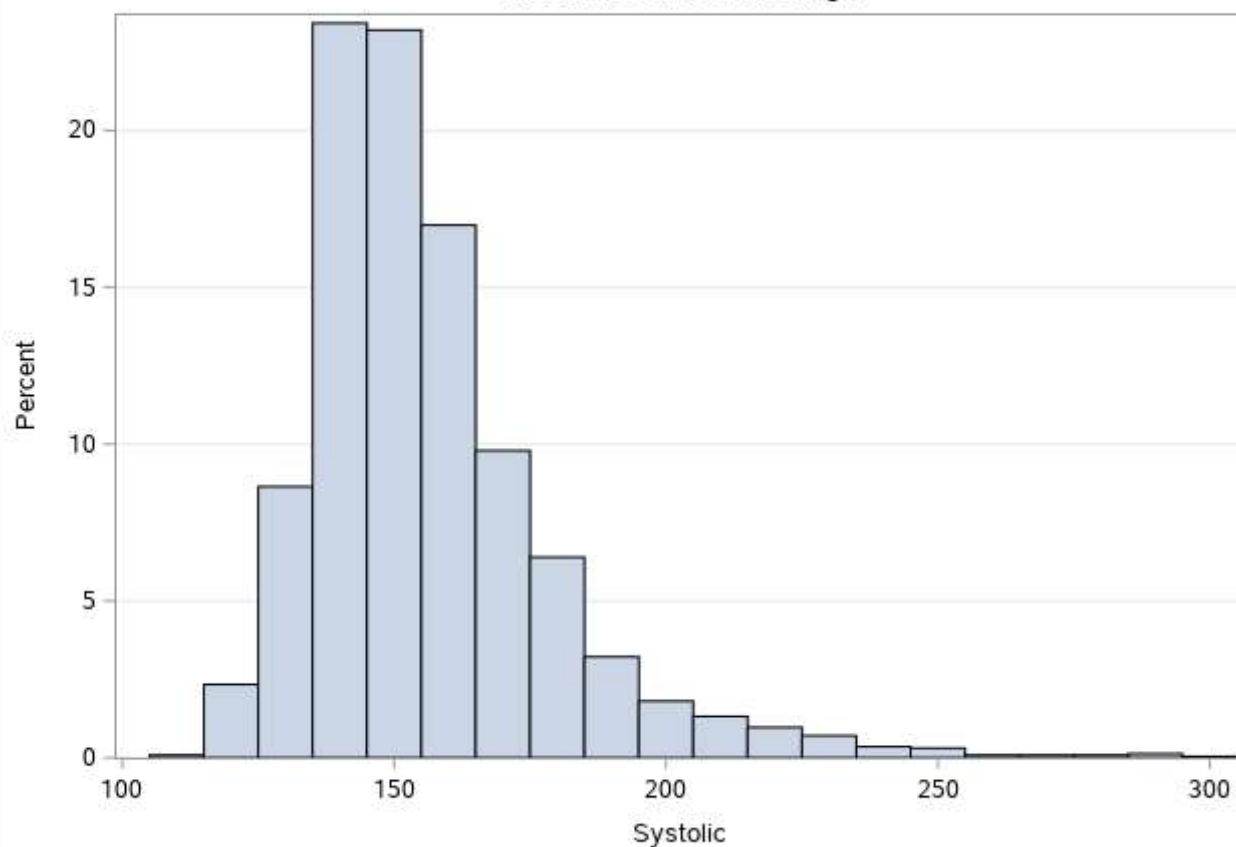
**Diastolic BP Histogram grouped by BP\_Status**  
**Blood Pressure Status=Normal**



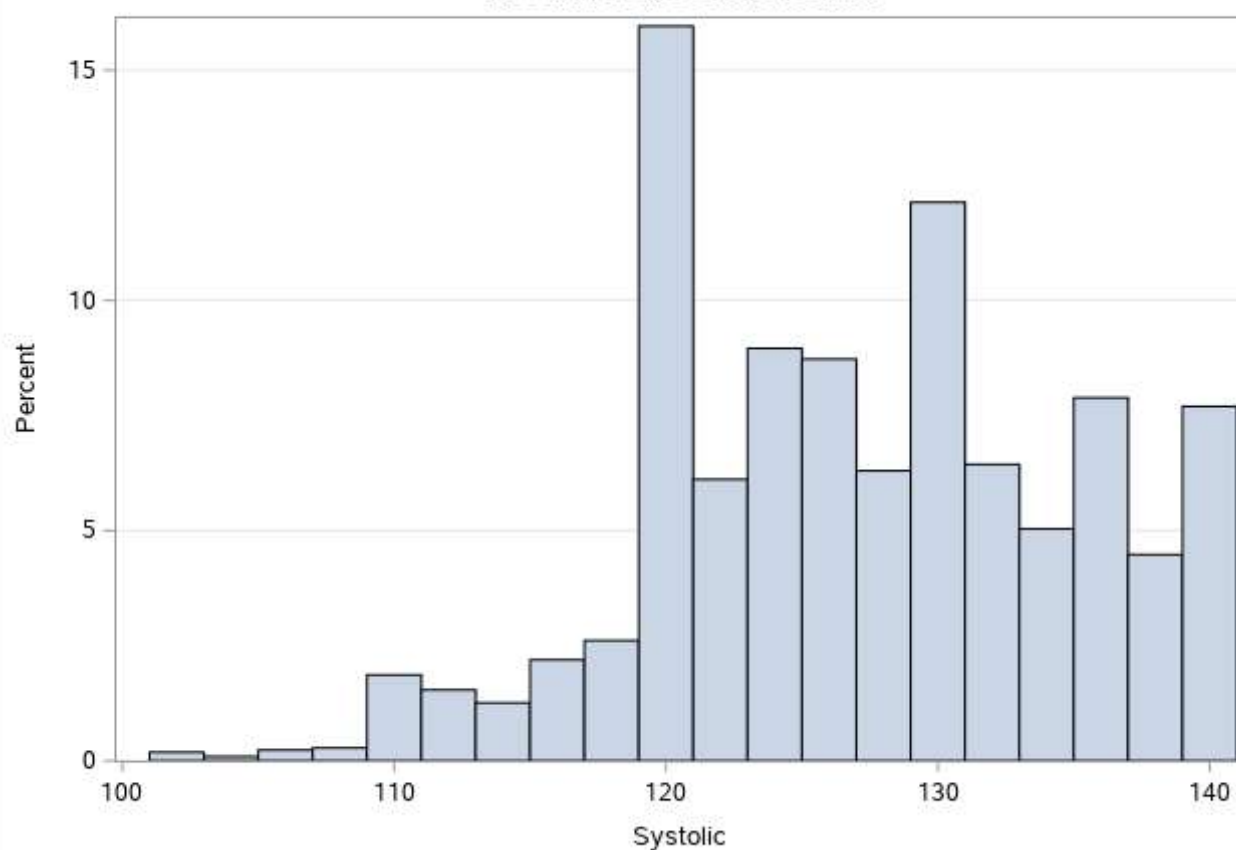
**Diastolic BP Histogram grouped by BP\_Status**  
**Blood Pressure Status=Optimal**



**Diastolic BP Histogram grouped by BP\_Status**  
**Blood Pressure Status=High**



**Diastolic BP Histogram grouped by BP\_Status**  
**Blood Pressure Status=Normal**



**Diastolic BP Histogram grouped by BP\_Status**  
**Blood Pressure Status=Optimal**

