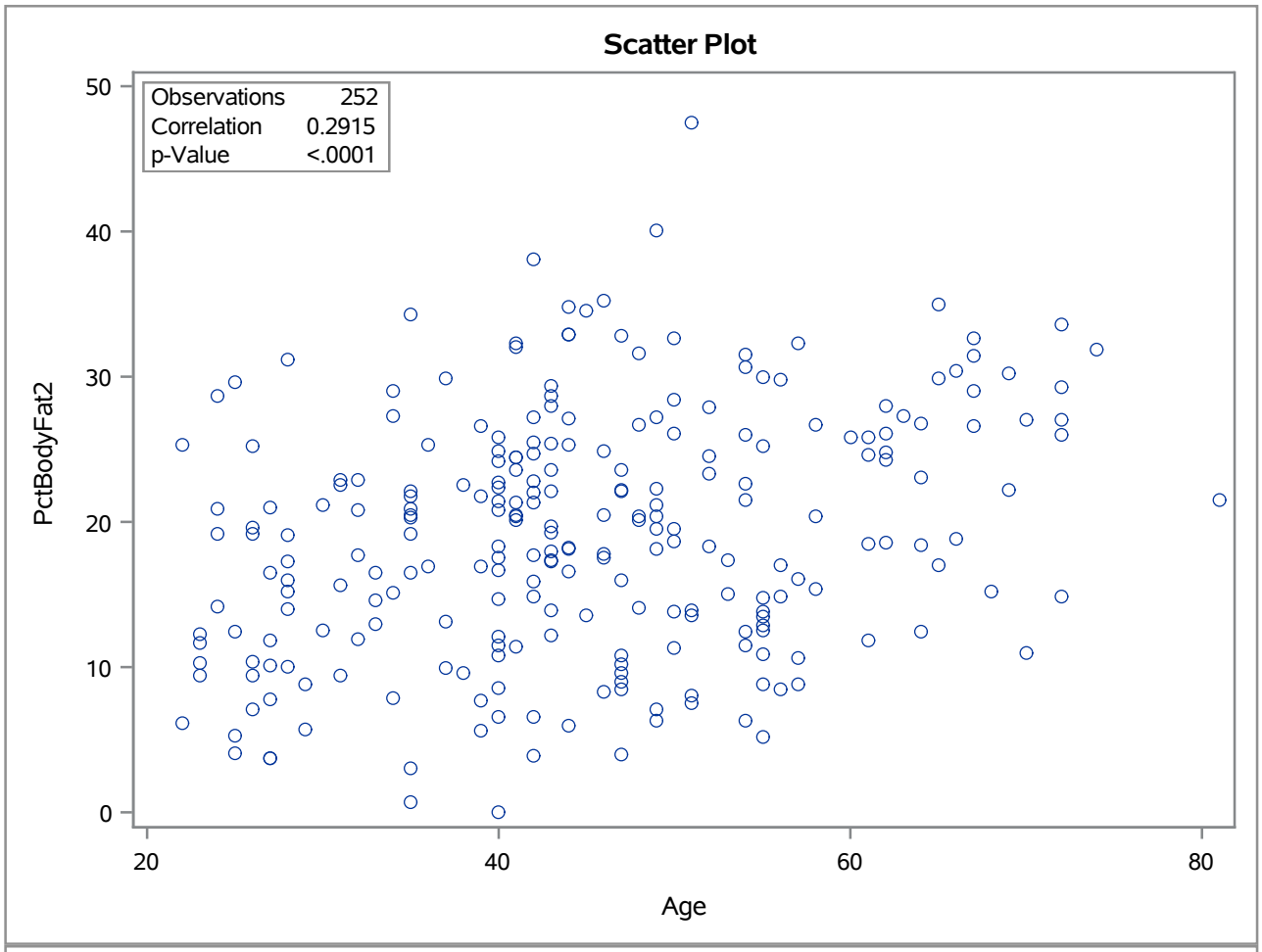
1 With Variables:	PctBodyFat2
13 Variables:	Age Weight Height Neck Chest Abdomen Hip Thigh Knee Ankle Biceps Forearm Wrist

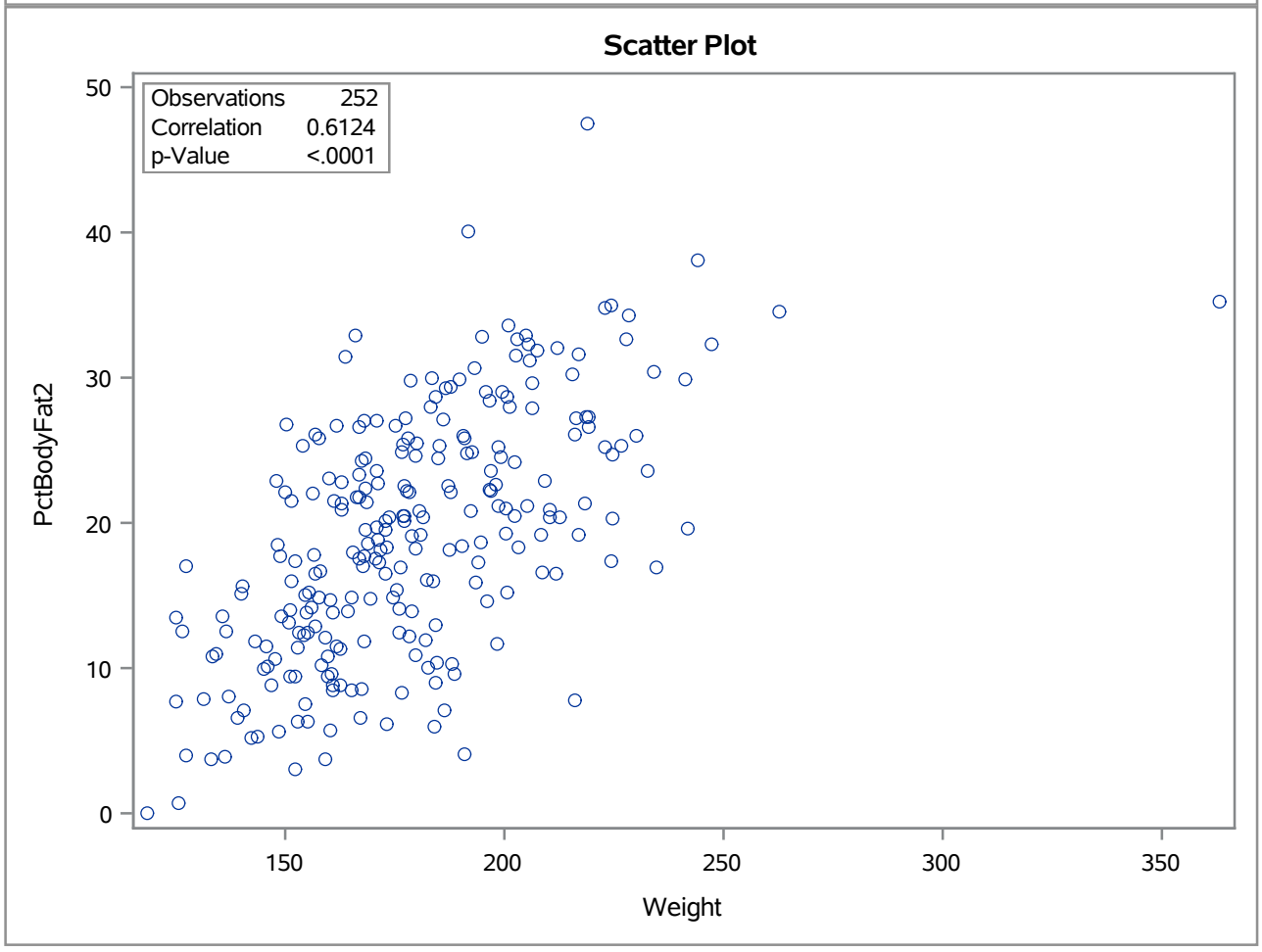
Simple Statistics

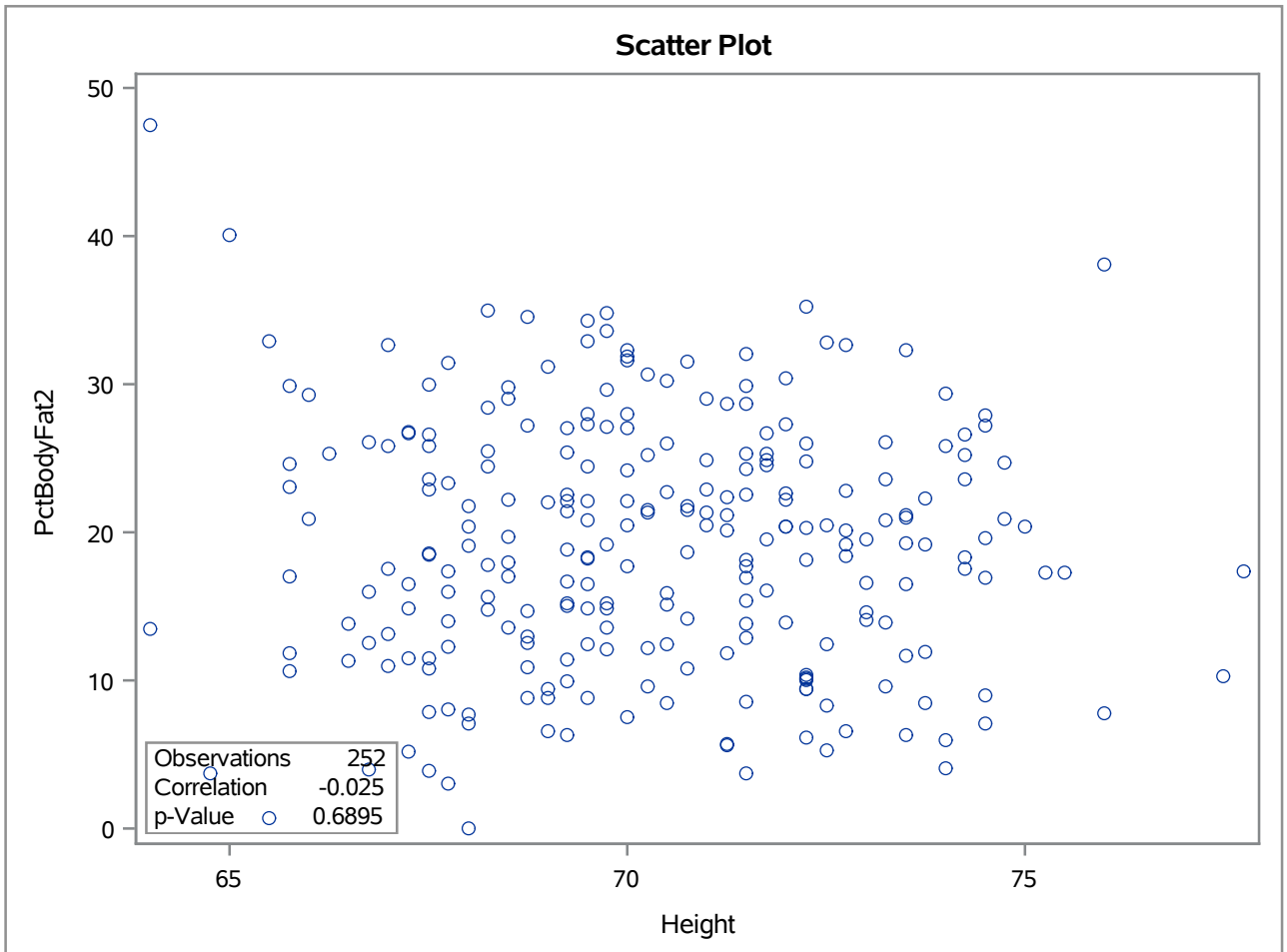
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
PctBodyFat2	252	19.15079	8.36874	4826	0	47.50000
Age	252	44.88492	12.60204	11311	22.00000	81.00000
Weight	252	178.92440	29.38916	45089	118.50000	363.15000
Height	252	70.30754	2.60958	17718	64.00000	77.75000
Neck	252	37.99206	2.43091	9574	31.10000	51.20000
Chest	252	100.82421	8.43048	25408	79.30000	136.20000
Abdomen	252	92.55595	10.78308	23324	69.40000	148.10000
Hip	252	99.90476	7.16406	25176	85.00000	147.70000
Thigh	252	59.40595	5.24995	14970	47.20000	87.30000
Knee	252	38.59048	2.41180	9725	33.00000	49.10000
Ankle	252	23.10238	1.69489	5822	19.10000	33.90000
Biceps	252	32.27341	3.02127	8133	24.80000	45.00000
Forearm	252	28.66389	2.02069	7223	21.00000	34.90000
Wrist	252	18.22976	0.93358	4594	15.80000	21.40000

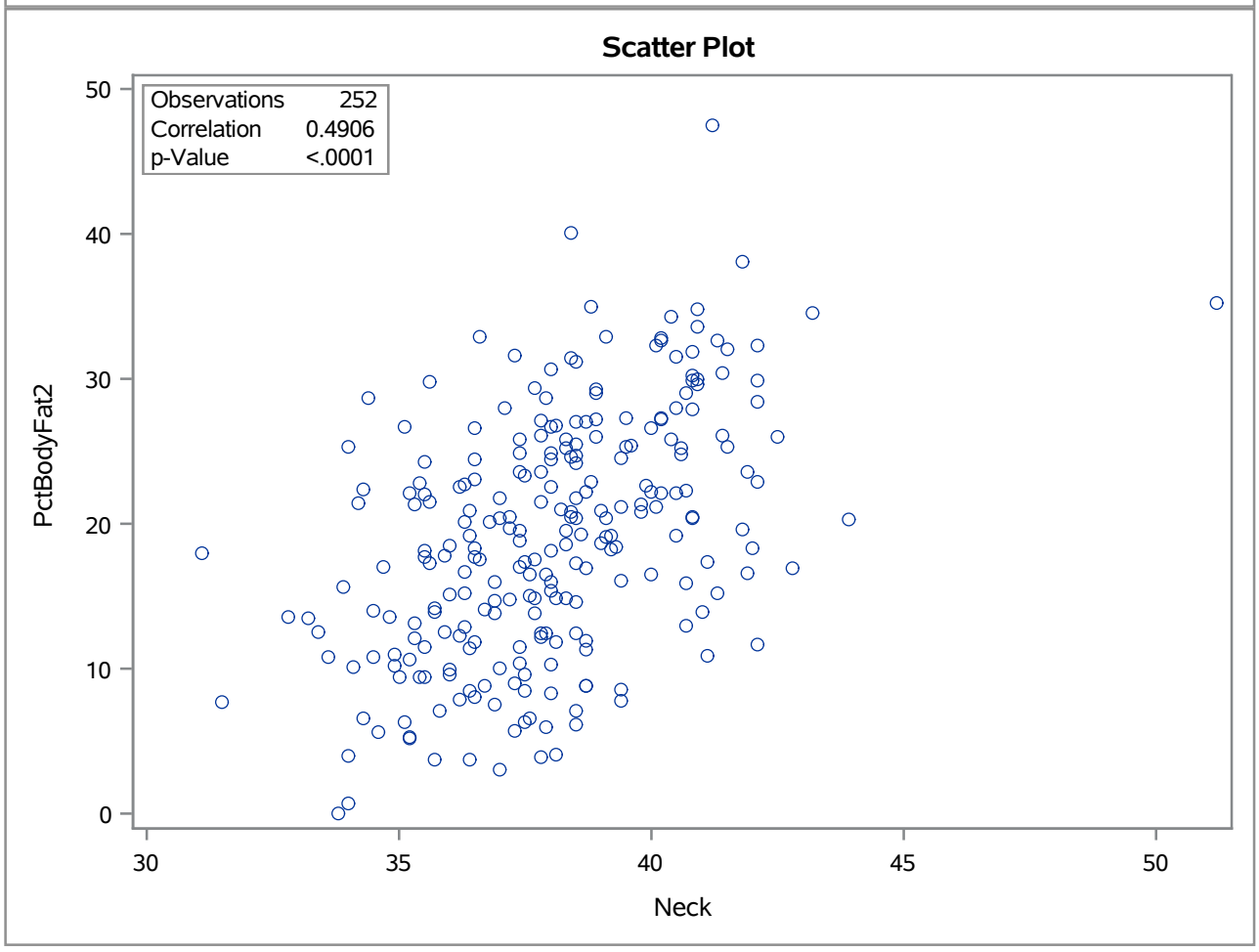
Pearson Correlation Coefficients, N = 252
Prob > |r| under H0: Rho=0

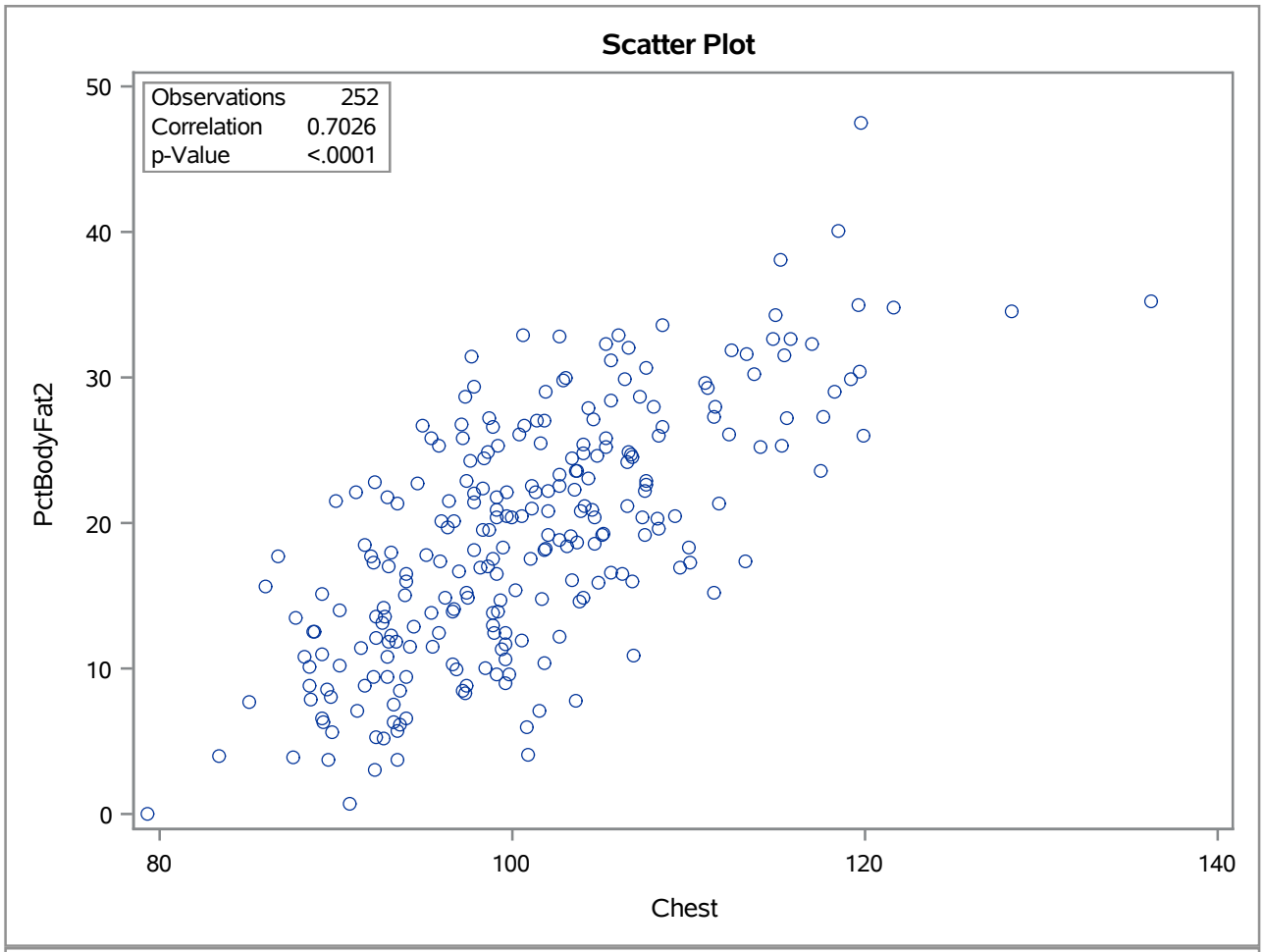
	Age	Weight	Height	Neck	Chest	Abdomen	Hip	Thigh	Knee	Ankle	Biceps	Forearm	Wrist
PctBodyFat2	0.29146 <.0001	0.61241 <.0001	-0.02529 0.6895	0.49059 <.0001	0.70262 <.0001	0.81343 <.0001	0.62520 <.0001	0.55961 <.0001	0.50867 <.0001	0.26597 <.0001	0.49327 <.0001	0.36139 <.0001	0.34657 <.0001

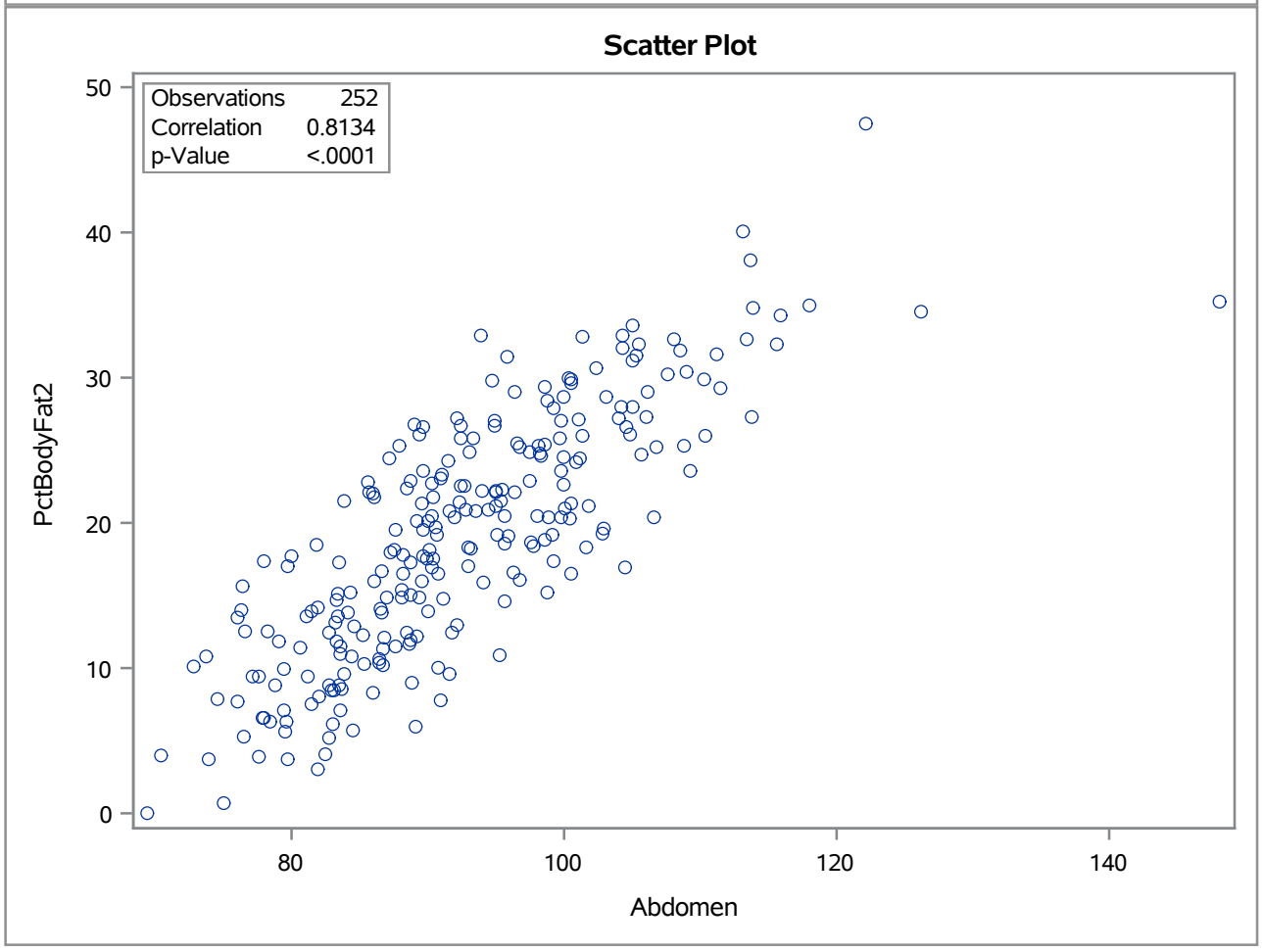

Scatter Plot
Observations 252
Correlation 0.2915
p-Value <.0001
PctBodyFat2
Age
0
10
20
30
40
50
20
40
60
80

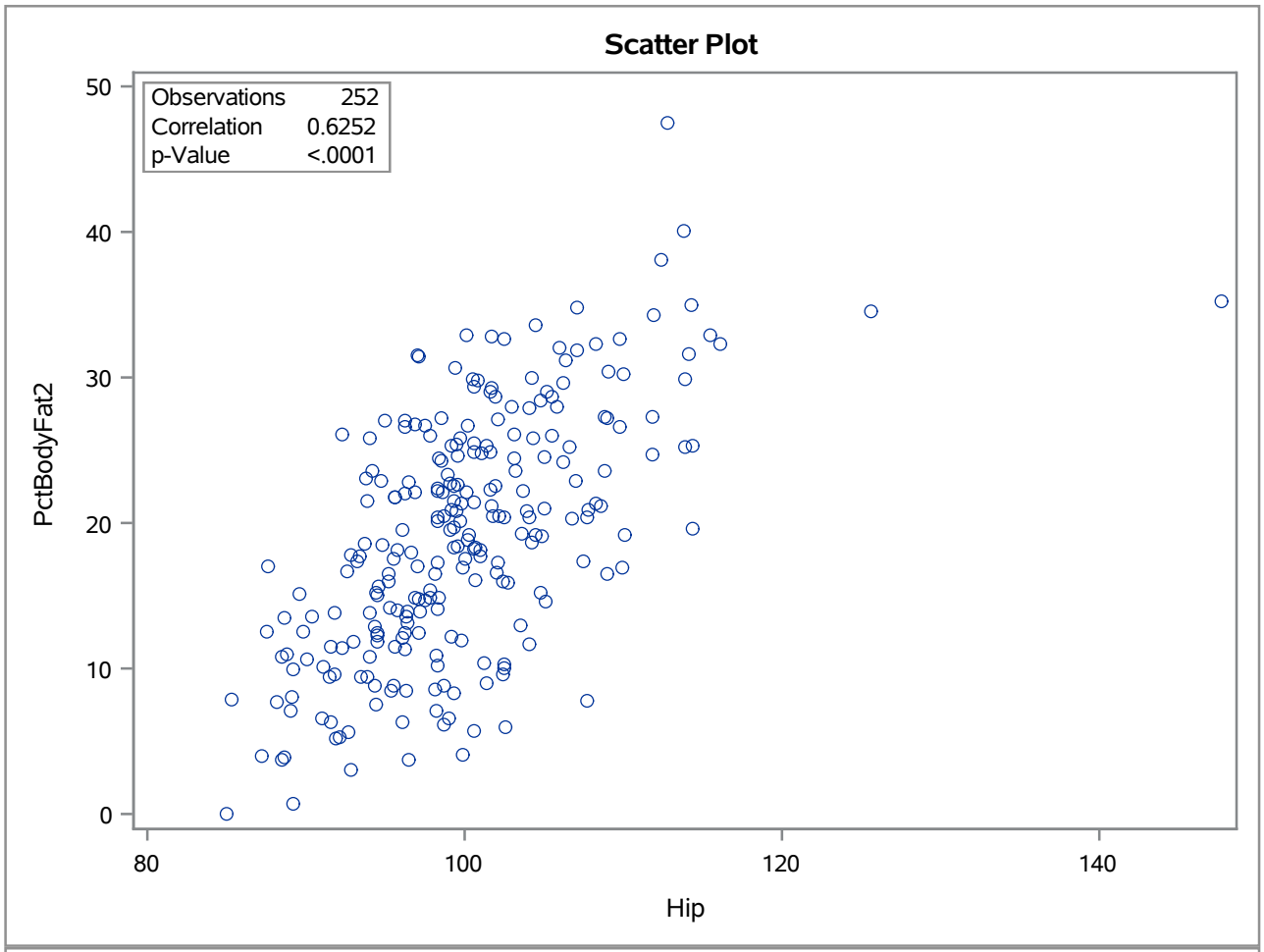

Scatter Plot
Observations 252
Correlation 0.6124
p-Value <.0001
PctBodyFat2
Weight
0
10
20
30
40
50
150
200
250
300
350

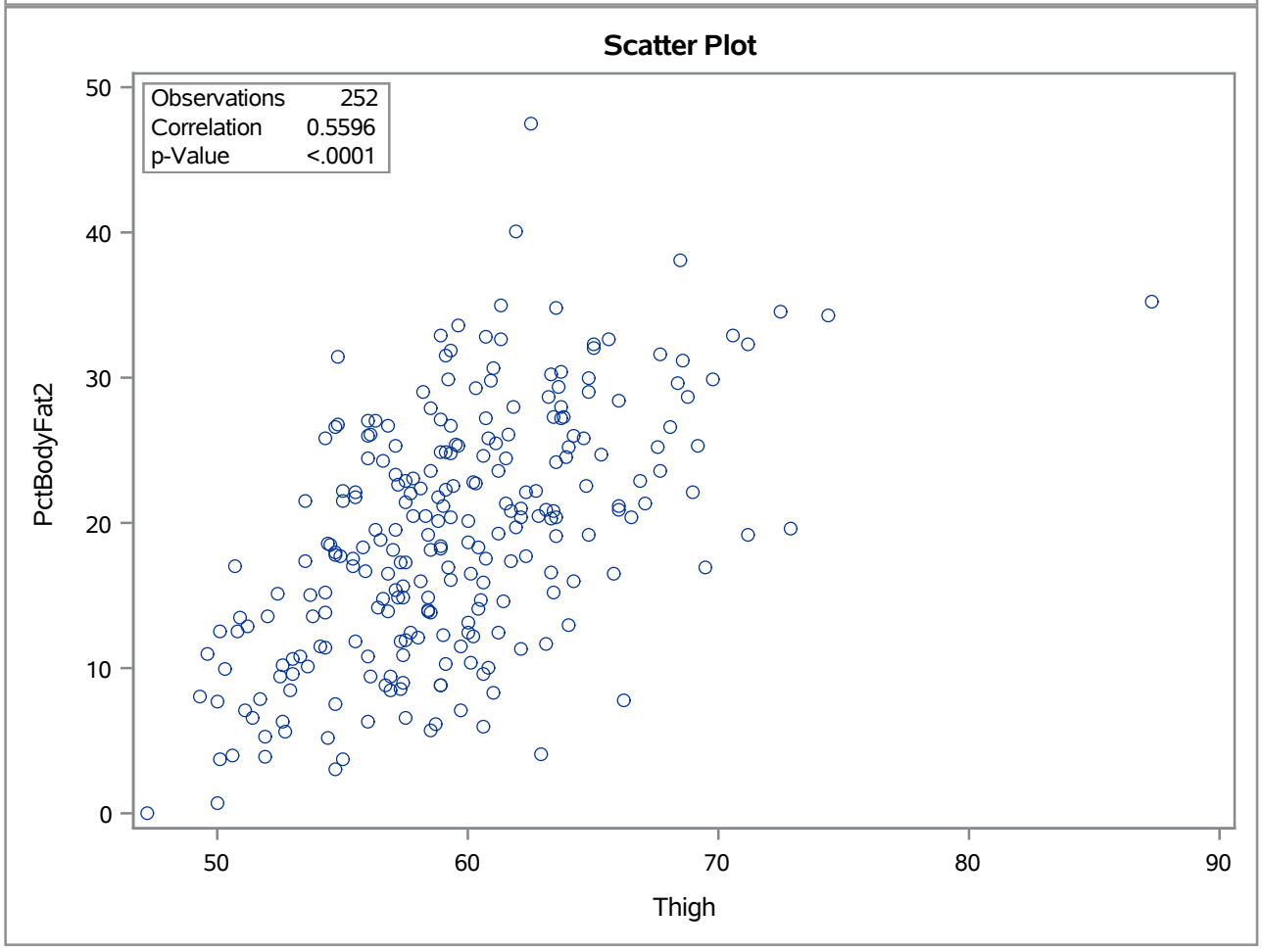

Scatter Plot
PctBodyFat2
Height
Observations 252
Correlation -0.025
p-Value 0.6895
0
10
20
30
40
50
65
70
75

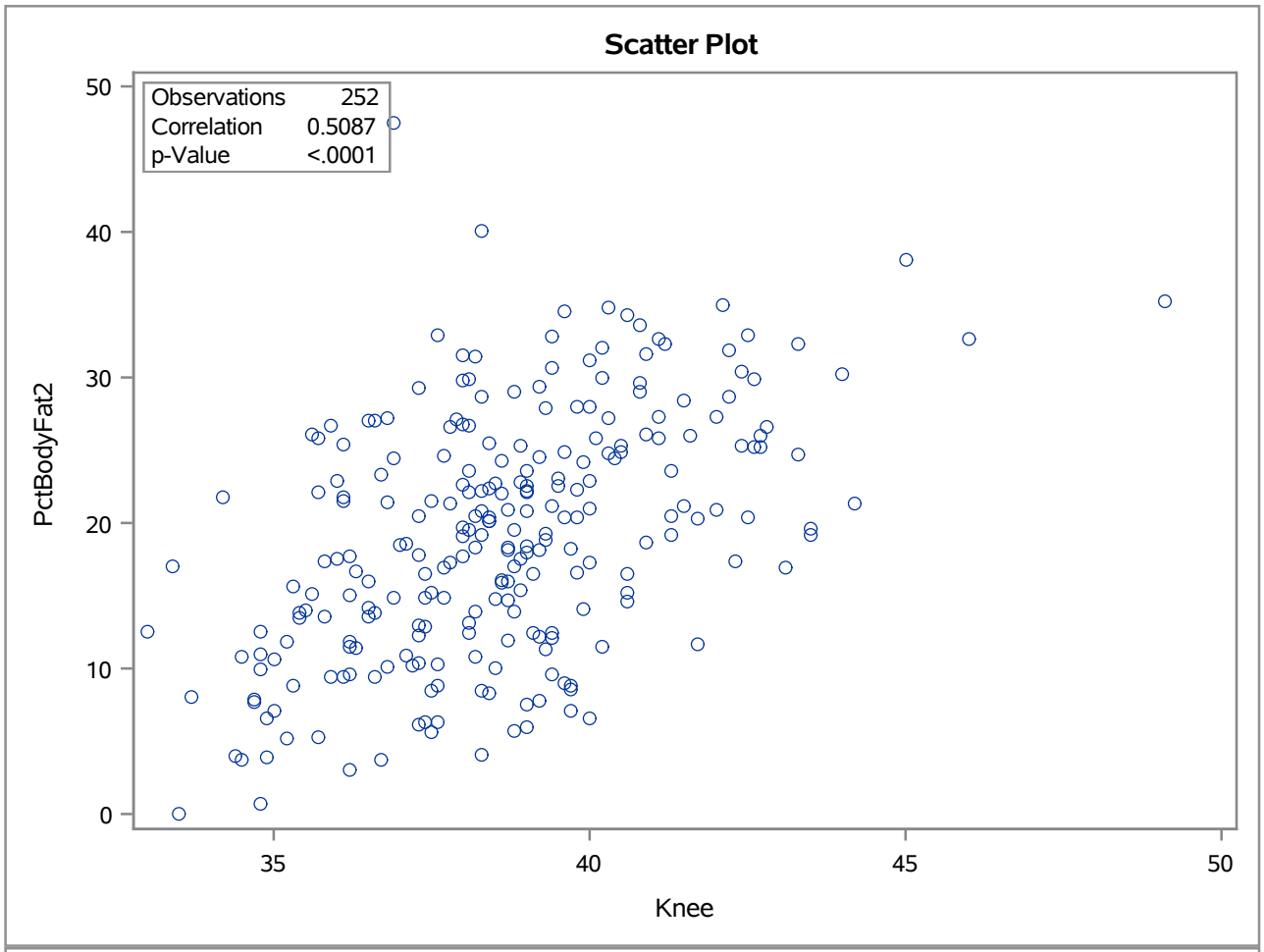

Scatter Plot
PctBodyFat2
Neck
Observations 252
Correlation 0.4906
p-Value <.0001
0
10
20
30
40
50
30
35
40
45
50

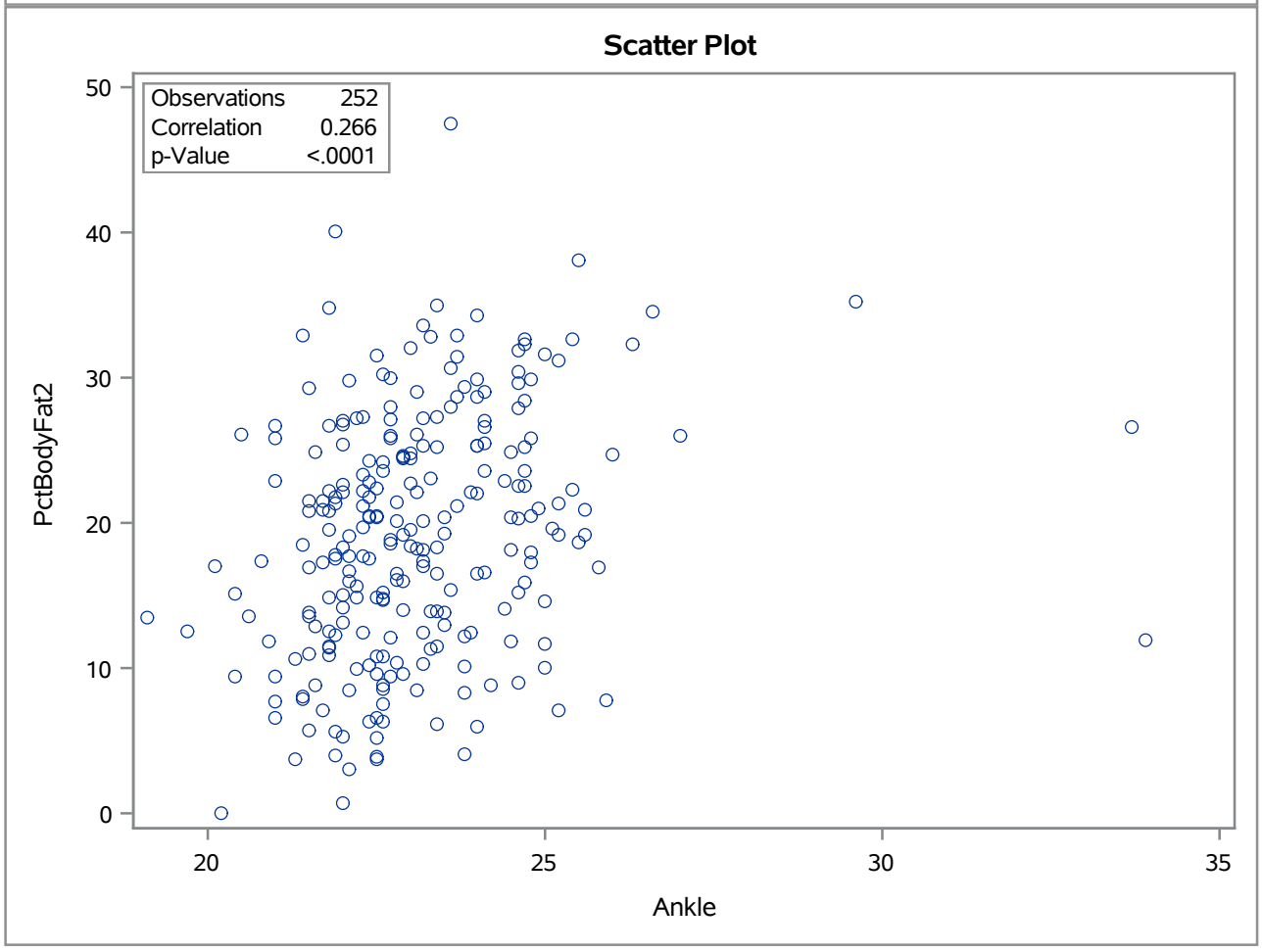

Scatter Plot
Observations 252
Correlation 0.7026
p-Value <.0001
PctBodyFat2
Chest
0
10
20
30
40
50
80
100
120
140

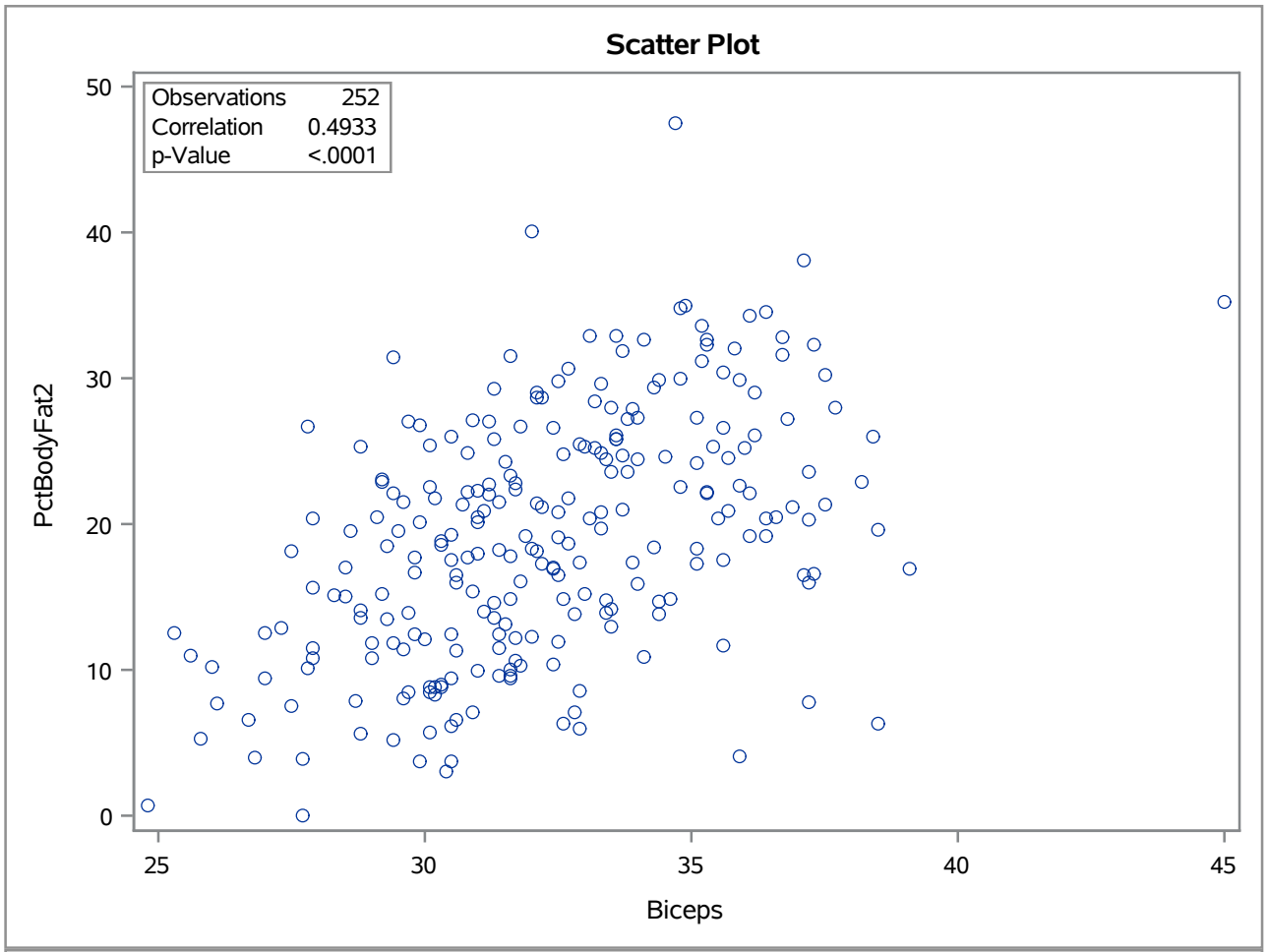

Scatter Plot
Observations 252
Correlation 0.8134
p-Value <.0001
PctBodyFat2
Abdomen
0
10
20
30
40
50
80
100
120
140

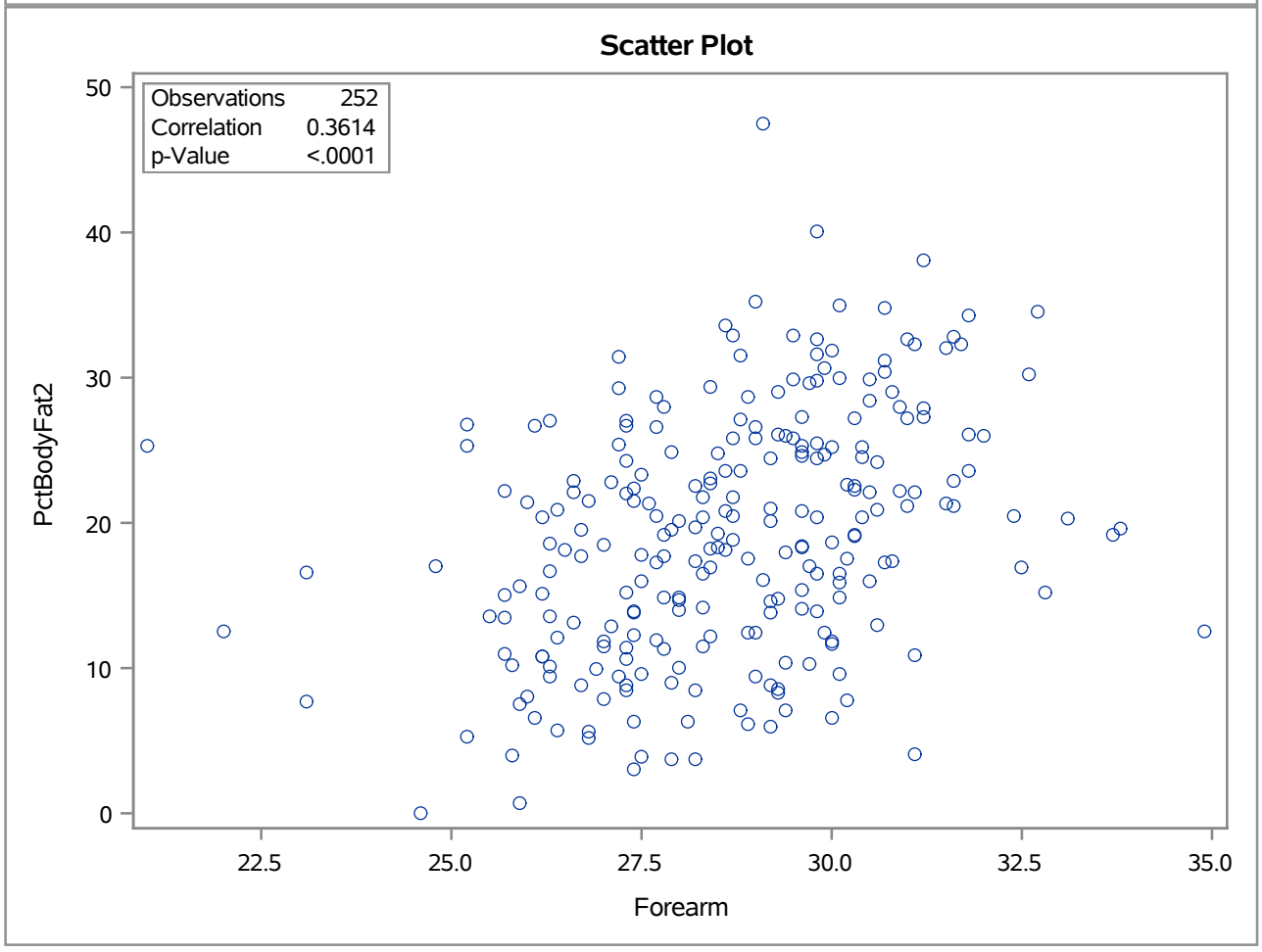

Scatter Plot
Observations 252
Correlation 0.6252
p-Value <.0001
PctBodyFat2
Hip
0
10
20
30
40
50
80
100
120
140

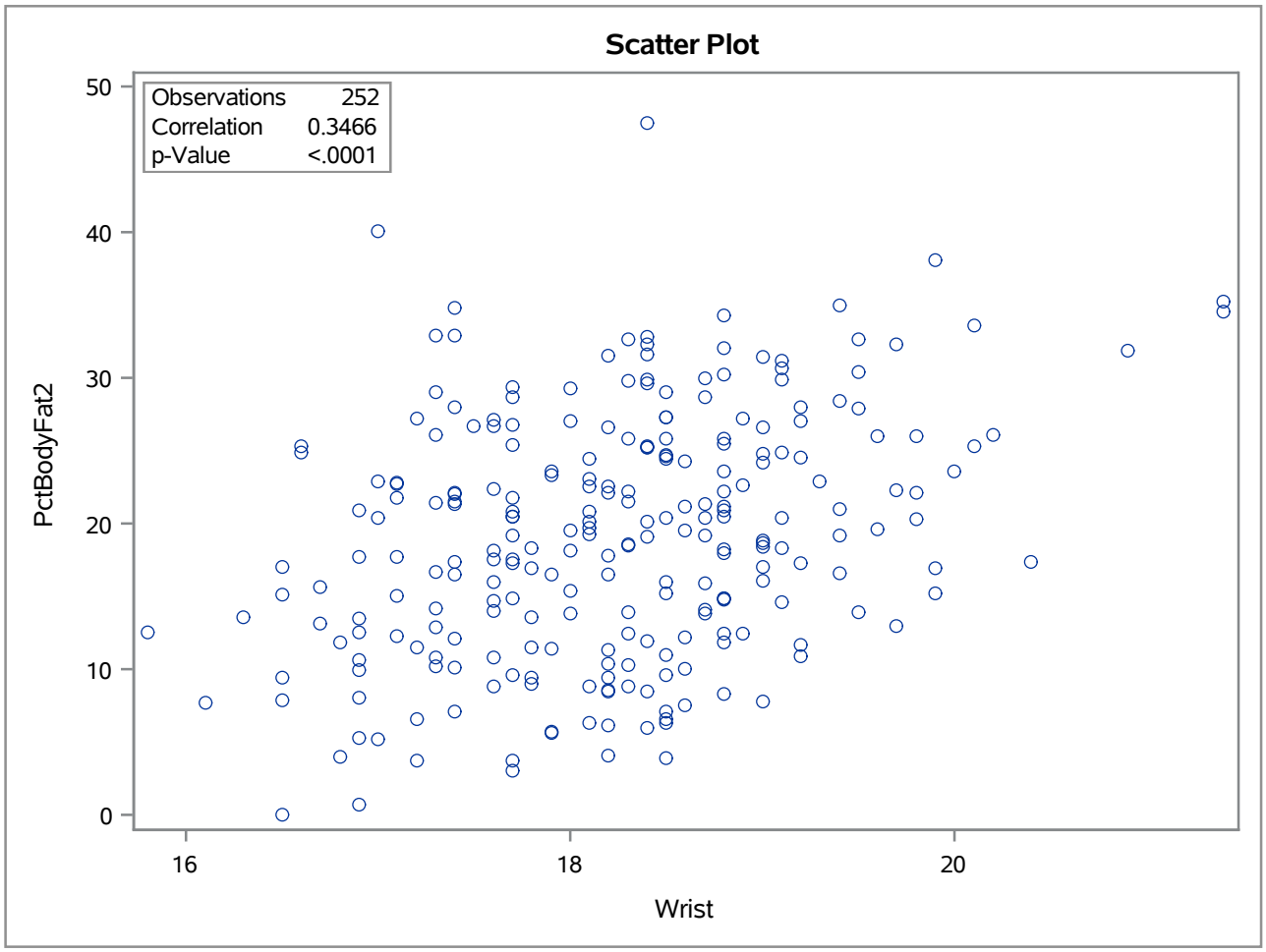

Scatter Plot
Observations 252
Correlation 0.5596
p-Value <.0001
PctBodyFat2
Thigh
0
10
20
30
40
50
50
60
70
80
90


Scatter Plot
Observations 252
Correlation 0.5087
p-Value <.0001
PctBodyFat2
Knee
0
10
20
30
40
50
35
40
45
50


Scatter Plot
Observations 252
Correlation 0.266
p-Value <.0001
PctBodyFat2
Ankle
0
10
20
30
40
50
20
25
30
35


Scatter Plot
Observations 252
Correlation 0.4933
p-Value <.0001
PctBodyFat2
Biceps
0
10
20
30
40
50
25
30
35
40
45


Scatter Plot
Observations 252
Correlation 0.3614
p-Value <.0001
PctBodyFat2
Forearm
0
10
20
30
40
50
22.5
25.0
27.5
30.0
32.5
35.0


Scatter Plot
Observations 252
Correlation 0.3466
p-Value <.0001
PctBodyFat2
50
40
30
20
10
0
16
18
20
Wrist

13 Variables:	Age	Weight	Height	Neck	Chest	Abdomen	Hip	Thigh	Knee	Ankle	Biceps	Forearm	Wrist

Pearson Correlation Coefficients, N = 252
Prob > |r| under H0: Rho=0

Age	Age 1.00000	Height -0.24521 <.0001	Abdomen 0.23041 0.0002	Wrist 0.21353 0.0006	Thigh -0.20010 0.0014
Weight	Weight 1.00000	Hip 0.94088 <.0001	Chest 0.89419 <.0001	Abdomen 0.88799 <.0001	Thigh 0.86869 <.0001
Height	Height 1.00000	Knee 0.50050 <.0001	Weight 0.48689 <.0001	Wrist 0.39778 <.0001	Ankle 0.39313 <.0001
Neck	Neck 1.00000	Weight 0.83072 <.0001	Chest 0.78484 <.0001	Abdomen 0.75408 <.0001	Wrist 0.74483 <.0001
Chest	Chest 1.00000	Abdomen 0.91583 <.0001	Weight 0.89419 <.0001	Hip 0.82942 <.0001	Neck 0.78484 <.0001
Abdomen	Abdomen 1.00000	Chest 0.91583 <.0001	Weight 0.88799 <.0001	Hip 0.87407 <.0001	Thigh 0.76662 <.0001
Hip	Hip 1.00000	Weight 0.94088 <.0001	Thigh 0.89641 <.0001	Abdomen 0.87407 <.0001	Chest 0.82942 <.0001
Thigh	Thigh 1.00000	Hip 0.89641 <.0001	Weight 0.86869 <.0001	Knee 0.79917 <.0001	Abdomen 0.76662 <.0001
Knee	Knee 1.00000	Weight 0.85317 <.0001	Hip 0.82347 <.0001	Thigh 0.79917 <.0001	Abdomen 0.73718 <.0001
Ankle	Ankle 1.00000	Weight 0.61369 <.0001	Knee 0.61161 <.0001	Wrist 0.56619 <.0001	Hip 0.55839 <.0001
Biceps	Biceps 1.00000	Weight 0.80042 <.0001	Thigh 0.76148 <.0001	Hip 0.73927 <.0001	Neck 0.73115 <.0001
Forearm	Forearm 1.00000	Biceps 0.67826 <.0001	Weight 0.63030 <.0001	Neck 0.62366 <.0001	Wrist 0.58559 <.0001
Wrist	Wrist 1.00000	Neck 0.74483 <.0001	Weight 0.72977 <.0001	Knee 0.66451 <.0001	Chest 0.66016 <.0001

Obs	_NAME_	Age	Weight	Height	Neck	Chest	Abdomen	Hip	Thigh	Knee	Ankle	Biceps	Forearm	Wrist
4	Age	1	0.01	0.24	0.11	0.17	0.23	0.05	0.20	0.01	0.10	0.04	0.08	0.21
5	Weight	0.01	1	0.48	*0.83	*0.89	*0.88	*0.94	*0.86	*0.85	0.61	*0.80	0.63	*0.72
6	Height	0.24	0.48	1	0.32	0.22	0.18	0.37	0.33	0.50	0.39	0.31	0.32	0.39
7	Neck	0.11	*0.83	0.32	1	*0.78	*0.75	*0.73	0.69	0.67	0.47	*0.73	0.62	*0.74
8	Chest	0.17	*0.89	0.22	*0.78	1	*0.91	*0.82	*0.72	*0.71	0.48	*0.72	0.58	0.66
9	Abdomen	0.23	*0.88	0.18	*0.75	*0.91	1	*0.87	*0.76	*0.73	0.45	0.68	0.50	0.61
10	Hip	0.05	*0.94	0.37	*0.73	*0.82	*0.87	1	*0.89	*0.82	0.55	*0.73	0.54	0.63
11	Thigh	0.20	*0.86	0.33	0.69	*0.72	*0.76	*0.89	1	*0.79	0.53	*0.76	0.56	0.55
12	Knee	0.01	*0.85	0.50	0.67	*0.71	*0.73	*0.82	*0.79	1	0.61	0.67	0.55	0.66
13	Ankle	0.10	0.61	0.39	0.47	0.48	0.45	0.55	0.53	0.61	1	0.48	0.41	0.56
14	Biceps	0.04	*0.80	0.31	*0.73	*0.72	0.68	*0.73	*0.76	0.67	0.48	1	0.67	0.63
15	Forearm	0.08	0.63	0.32	0.62	0.58	0.50	0.54	0.56	0.55	0.41	0.67	1	0.58
16	Wrist	0.21	*0.72	0.39	*0.74	0.66	0.61	0.63	0.55	0.66	0.56	0.63	0.58	1

Obs	_NAME_	Age	Weight	Height	Neck	Chest	Abdomen	Hip	Thigh	Knee	Ankle	Biceps	Forearm	Wrist
1	Age	1.00	.	.	.	.	.	.	.	.	.	.	.	.
2	Weight	.	1.00	.	0.83	0.89	0.89	0.94	0.87	0.85	.	0.80	.	0.73
3	Height	.	.	1.00	.	.	.	.	.	.	.	.	.	.
4	Neck	.	0.83	.	1.00	0.78	0.75	0.73	.	.	.	0.73	.	0.74
5	Chest	.	0.89	.	0.78	1.00	0.92	0.83	0.73	0.72	.	0.73	.	.
6	Abdomen	.	0.89	.	0.75	0.92	1.00	0.87	0.77	0.74	.	.	.	.
7	Hip	.	0.94	.	0.73	0.83	0.87	1.00	0.90	0.82	.	0.74	.	.
8	Thigh	.	0.87	.	.	0.73	0.77	0.90	1.00	0.80	.	0.76	.	.
9	Knee	.	0.85	.	.	0.72	0.74	0.82	0.80	1.00	.	.	.	.
10	Ankle	.	.	.	.	.	.	.	.	.	1.00	.	.	.
11	Biceps	.	0.80	.	0.73	0.73	.	0.74	0.76	.	.	1.00	.	.
12	Forearm	.	.	.	.	.	.	.	.	.	.	.	1.00	.
13	Wrist	.	0.73	.	0.74	.	.	.	.	.	.	.	.	1.00