The REG Procedure
Model: MODEL1
Dependent Variable: systolic_bp

Number of Observations Read	16
Number of Observations Used	16

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2947.86771	2947.86771	176.46	<.0001
Error	14	233.88229	16.70588		
Corrected Total	15	3181.75000			

Root MSE	4.08728	R-Square	0.9265
Dependent Mean	143.87500	Adj R-Sq	0.9212
Coeff Var	2.84086		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	80.71085	4.86356	16.60	<.0001
age	1	1.24461	0.09369	13.28	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: systolic_bp

Fit Diagnostics for systolic_bp

Observations	16
Parameters	2
Error DF	14
MSE	16.706
R-Square	0.9265
Adj R-Square	0.9212

The REG Procedure
Model: MODEL1
Dependent Variable: systolic_bp
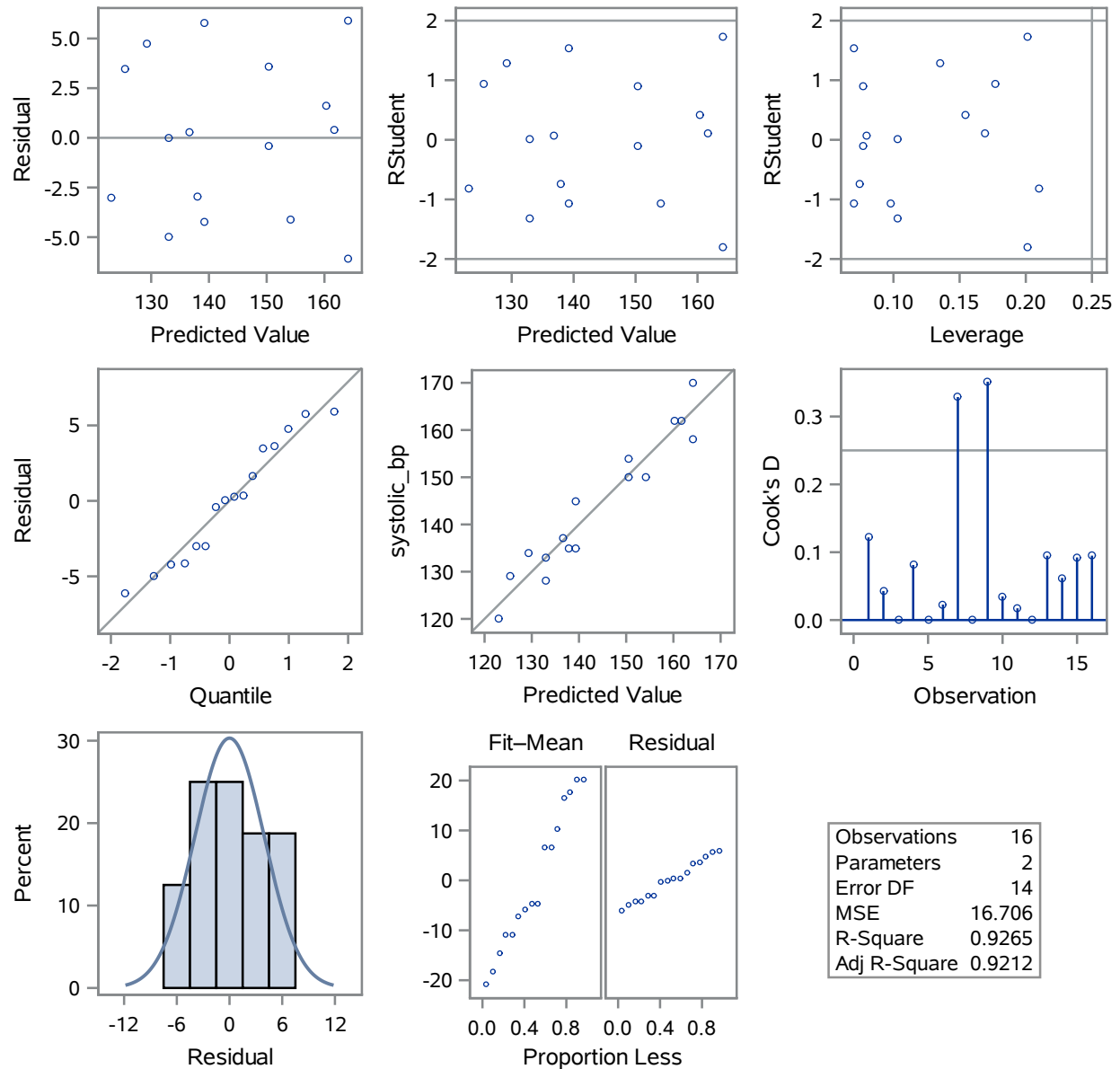
Residuals for systolic_bp

The REG Procedure
Model: MODEL1
Dependent Variable: systolic_bp
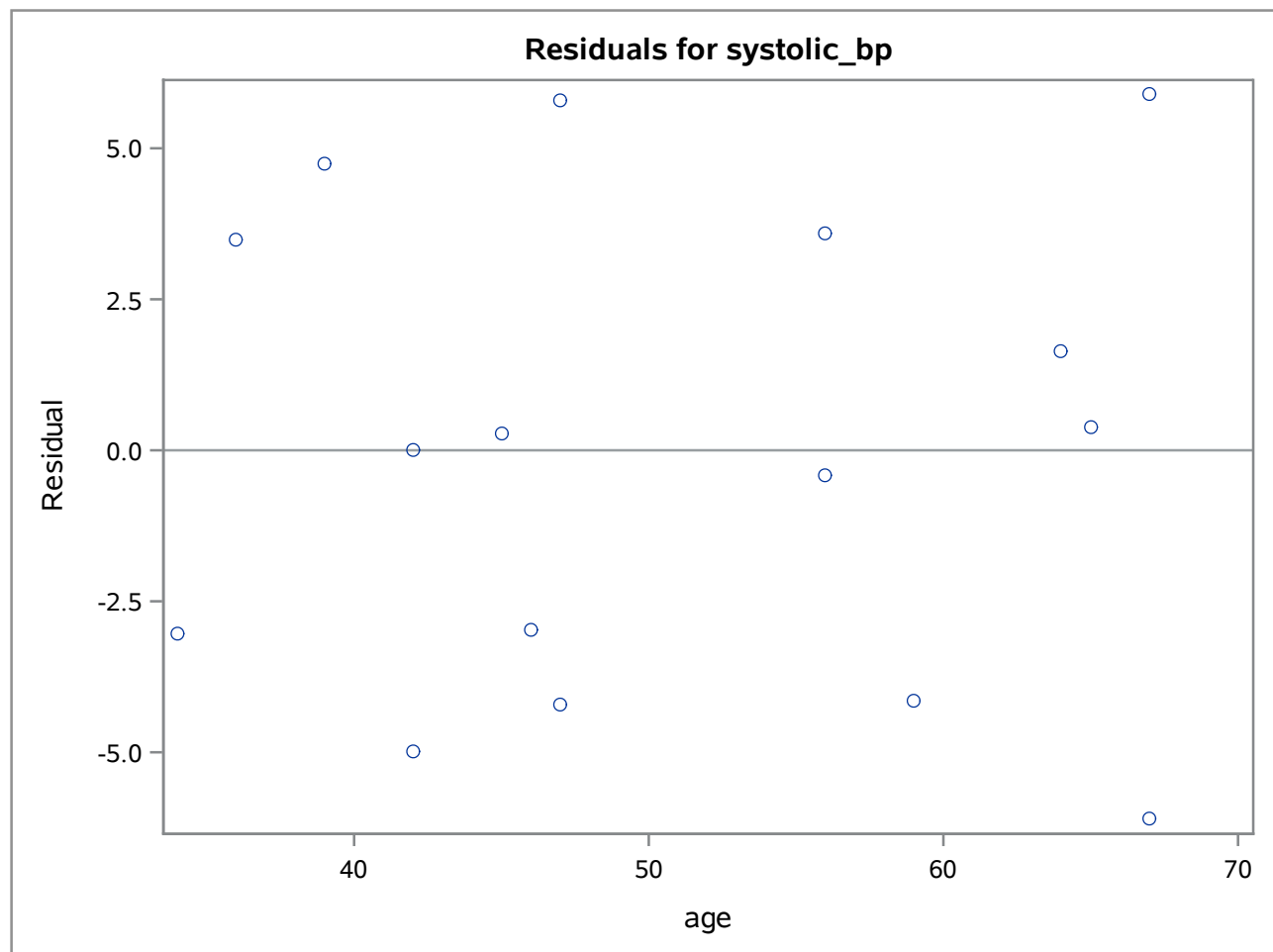
Fit Plot for systolic_bp

Observations	16
Parameters	2
Error DF	14
MSE	16.706
R-Square	0.9265
Adj R-Square	0.9212

Fit   □ 95% Confidence Limits   − − − 95% Prediction Limits
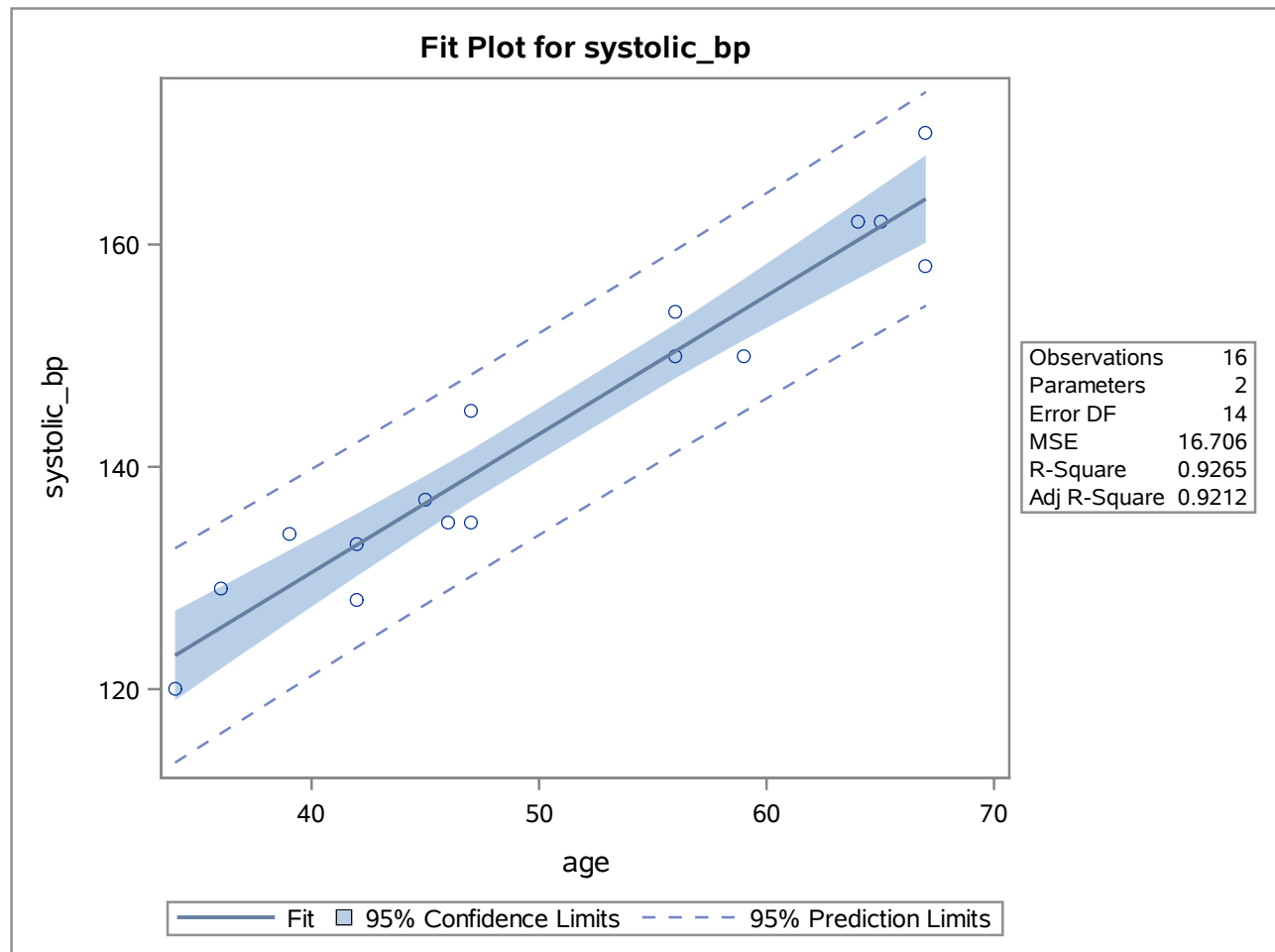
Obs	age	systolic_bp	pred_iq	resid
1	39	134	129.251	4.74921
2	47	135	139.208	-4.20770
3	45	137	136.718	0.28153
4	47	145	139.208	5.79230
5	65	162	161.611	0.38925
6	46	135	137.963	-2.96308
7	67	170	164.100	5.90003
8	42	133	132.985	0.01537
9	67	158	164.100	-6.09997
10	56	154	150.409	3.59078
11	64	162	160.366	1.63387
12	56	150	150.409	-0.40922
13	36	129	125.517	3.48305
14	59	150	154.143	-4.14306
15	34	120	123.028	-3.02772
16	42	128	132.985	-4.98463

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
age		16	50.7500000	11.2635104	34.0000000	67.0000000
systolic_bp		16	143.8750000	14.5642256	120.0000000	170.0000000
pred_iq	Predicted Value of systolic_bp	16	143.8750000	14.0187201	123.0277194	164.0999737
resid	Residual	16	4.440892E-15	3.9486900	-6.0999737	5.9000263

		16	50.7500000	11.2635104	34.0000000	67.0000000
		16	143.8750000	14.5642256	120.0000000	170.0000000
	Predicted Value of systolic_bp	16	143.8750000	14.0187201	123.0277194	164.0999737
	Residual	16	4.440892E-15	3.9486900	-6.0999737	5.9000263