```
title 'no options';
data one;
   set sashelp.class;
run;

title 'display only';
data one;
   set sashelp.class;
run;

title 'first=2';
data one;

... more data lines ...

title 'first=2 last=2';
data one;

... more data lines ...
   set sashelp.class;
run;
title 'first=2 last=2 fontsize=tiny';
data one;

... more data lines ...
run;

title 'no options';
proc print data=one;
run;

title 'display only';
proc print data=one;
run;

title 'store=mydoc';
proc print data=one;
run;
title 'store=mydoc0 fontsize=tiny';
proc print data=one;
run;

proc print data=one;
run;

title 'no options, line command(display)';
title2 'next title';
proc print data=one;
run;

proc print data=one;
run;
```

Figure 1: missing file, no option

Missing File lst/mymiss.lst

1

```
                            store=mydoc

     Obs     Name      Sex    Age    Height    Weight

       1     Alfred     M      14     69.0     112.5
       2     Alice      F      13     56.5      84.0
       3     Barbara    F      13     65.3      98.0
       4     Carol      F      14     62.8     102.5
       5     Henry      M      14     63.5     102.5
       6     James      M      12     57.3      83.0
       7     Jane       F      12     59.8      84.5
       8     Janet      F      15     62.5     112.5
       9     Jeffrey    M      13     62.5      84.0
      10     John       M      12     59.0      99.5
      11     Joyce      F      11     51.3      50.5
      12     Judy       F      14     64.3      90.0
      13     Louise     F      12     56.3      77.0
      14     Mary       F      15     66.5     112.0
      15     Philip     M      16     72.0     150.0
      16     Robert     M      12     64.8     128.0
      17     Ronald     M      15     67.0     133.0
      18     Thomas     M      11     57.5      85.0
      19     William    M      15     66.5     112.0
```

store=mydoc

Obs	Name	Sex	Age	Height	Weight
1	Alfred	M	14	69.0	112.5
2	Alice	F	13	56.5	84.0
3	Barbara	F	13	65.3	98.0
4	Carol	F	14	62.8	102.5
5	Henry	M	14	63.5	102.5
6	James	M	12	57.3	83.0
7	Jane	F	12	59.8	84.5
8	Janet	F	15	62.5	112.5
9	Jeffrey	M	13	62.5	84.0
10	John	M	12	59.0	99.5
11	Joyce	F	11	51.3	50.5
12	Judy	F	14	64.3	90.0
13	Louise	F	12	56.3	77.0
14	Mary	F	15	66.5	112.0
15	Philip	M	16	72.0	150.0
16	Robert	M	12	64.8	128.0
17	Ronald	M	15	67.0	133.0
18	Thomas	M	11	57.5	85.0
19	William	M	15	66.5	112.0

Figure 2: fontsize=tiny

```
                    store=mydoc

        Obs    Name      Sex   Age   Height   Weight

          1    Alfred     M    14     69.0    112.5
          2    Alice      F    13     56.5     84.0
          3    Barbara    F    13     65.3     98.0
          4    Carol      F    14     62.8    102.5
          5    Henry      M    14     63.5    102.5
          6    James      M    12     57.3     83.0
          7    Jane       F    12     59.8     84.5
          8    Janet      F    15     62.5    112.5
          9    Jeffrey    M    13     62.5     84.0
         10    John       M    12     59.0     99.5
         11    Joyce      F    11     51.3     50.5
         12    Judy       F    14     64.3     90.0
         13    Louise     F    12     56.3     77.0
         14    Mary       F    15     66.5    112.0
         15    Philip     M    16     72.0    150.0
         16    Robert     M    12     64.8    128.0
         17    Ronald     M    15     67.0    133.0
         18    Thomas     M    11     57.5     85.0
         19    William    M    15     66.5    112.0
```

Figure 3: linesize=96

store=mydoc

Obs	Name	Sex	Age	Height	Weight
1	Alfred	M	14	69.0	112.5
2	Alice	F	13	56.5	84.0
3	Barbara	F	13	65.3	98.0
4	Carol	F	14	62.8	102.5
5	Henry	M	14	63.5	102.5
6	James	M	12	57.3	83.0
7	Jane	F	12	59.8	84.5
8	Janet	F	15	62.5	112.5
9	Jeffrey	M	13	62.5	84.0
10	John	M	12	59.0	99.5
11	Joyce	F	11	51.3	50.5
12	Judy	F	14	64.3	90.0
13	Louise	F	12	56.3	77.0
14	Mary	F	15	66.5	112.0
15	Philip	M	16	72.0	150.0
16	Robert	M	12	64.8	128.0
17	Ronald	M	15	67.0	133.0
18	Thomas	M	11	57.5	85.0
19	William	M	15	66.5	112.0

Figure 4: Back to vanilla listing

```
                      store=mydoc

        Obs    Name        Sex    Age    Height    Weight

          1    Alfred       M      14     69.0     112.5
          2    Alice        F      13     56.5      84.0
          3    Barbara      F      13     65.3      98.0
          4    Carol        F      14     62.8     102.5
          5    Henry        M      14     63.5     102.5
          6    James        M      12     57.3      83.0
          7    Jane         F      12     59.8      84.5
          8    Janet        F      15     62.5     112.5
          9    Jeffrey      M      13     62.5      84.0
         10    John         M      12     59.0      99.5
         11    Joyce        F      11     51.3      50.5
         12    Judy         F      14     64.3      90.0
         13    Louise       F      12     56.3      77.0
         14    Mary         F      15     66.5     112.0
         15    Philip       M      16     72.0     150.0
         16    Robert       M      12     64.8     128.0
         17    Ronald       M      15     67.0     133.0
         18    Thomas       M      11     57.5      85.0
         19    William      M      15     66.5     112.0
```

```
title;
proc reg data=one;
model weight=age;
run;
```

Figure 5: vanilla latex dest table

The REG Procedure

Model: MODEL1

Dependent Variable: Weight

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	5124.49111	5124.49111	20.69	0.0003
Error	17	4211.24573	247.72034		
Corrected Total	18	9335.73684			

Root MSE	15.73913	R-Square	0.5489
Dependent Mean	100.02632	Adj R-Sq	0.5224
Coeff Var	15.73499		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	−50.49278	33.29023	−1.52	0.1477
Age	1	11.30381	2.48531	4.55	0.0003

Figure 6: Shifted -1in, vanilla latex dest table

The REG Procedure
Model: MODEL1
Dependent Variable: Weight

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	5124.49111	5124.49111	20.69	0.0003
Error	17	4211.24573	247.72034		
Corrected Total	18	9335.73684			

Root MSE	15.73913	R-Square	0.5489
Dependent Mean	100.02632	Adj R-Sq	0.5224
Coeff Var	15.73499		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	−50.49278	33.29023	−1.52	0.1477
Age	1	11.30381	2.48531	4.55	0.0003

Figure 7: vanilla latex dest graphic

Fit Diagnostics for Weight

Residuals for Weight

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Fit ▭ 95% Confidence Limits – – – – 95% Prediction Limits
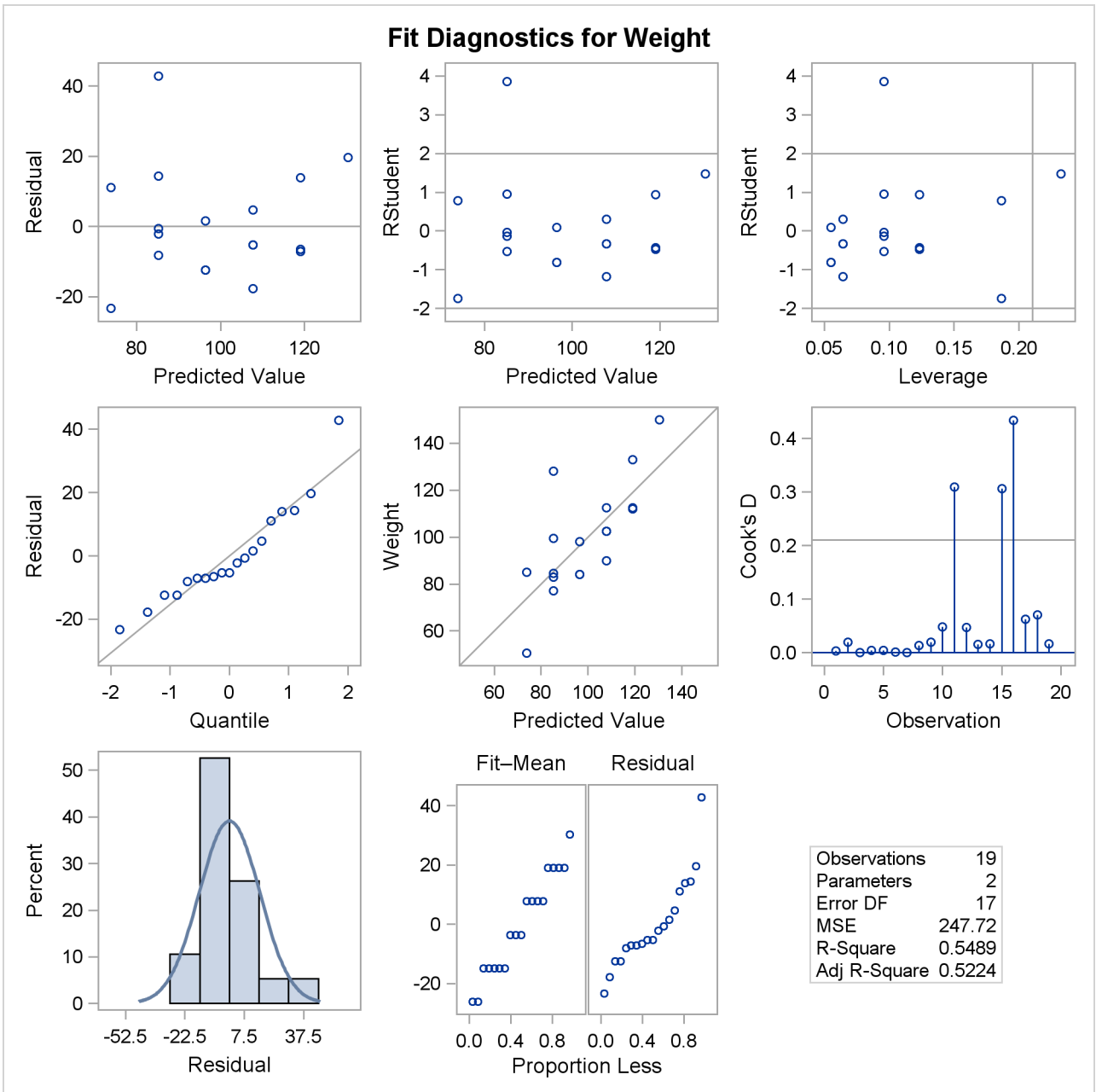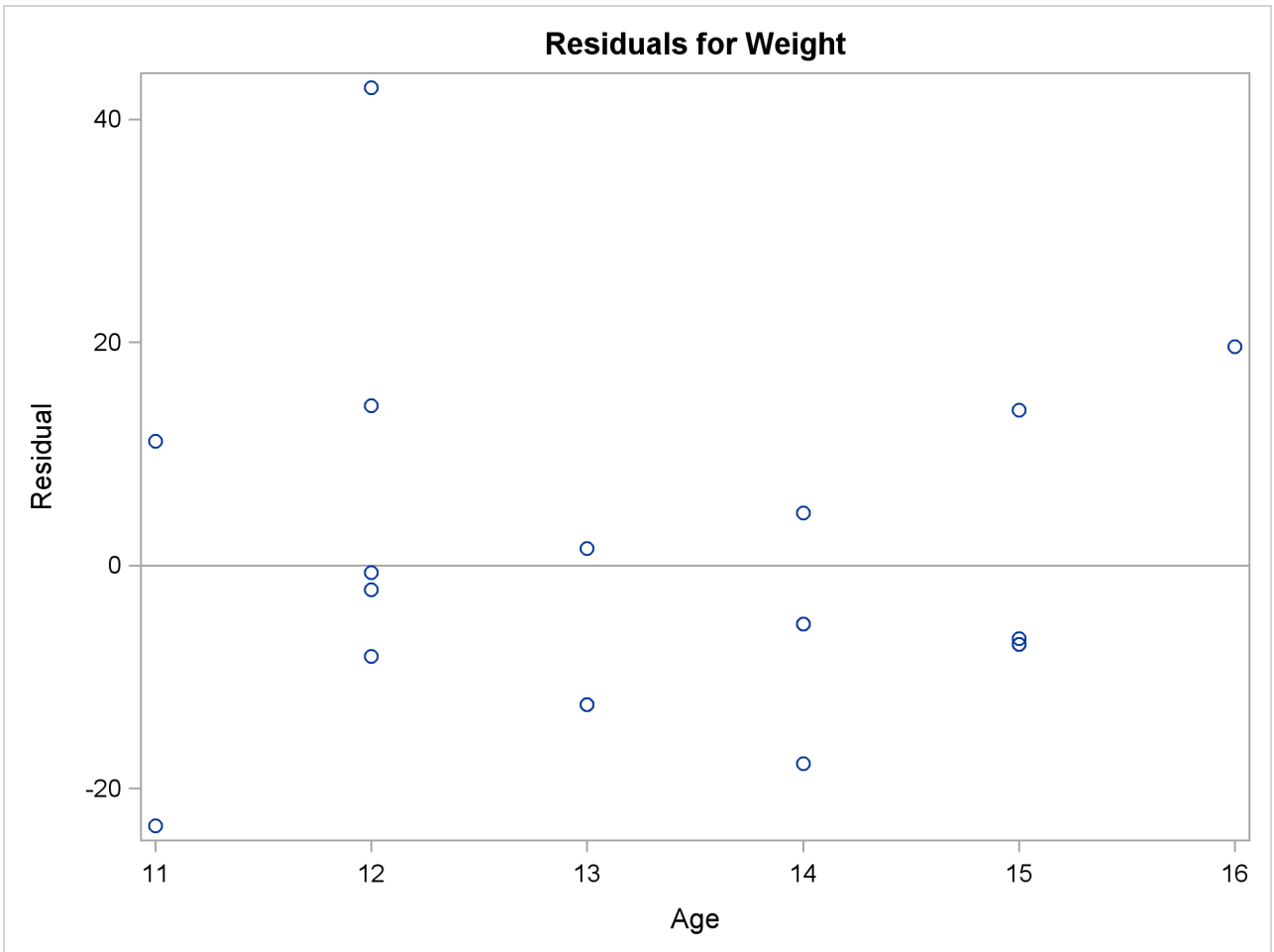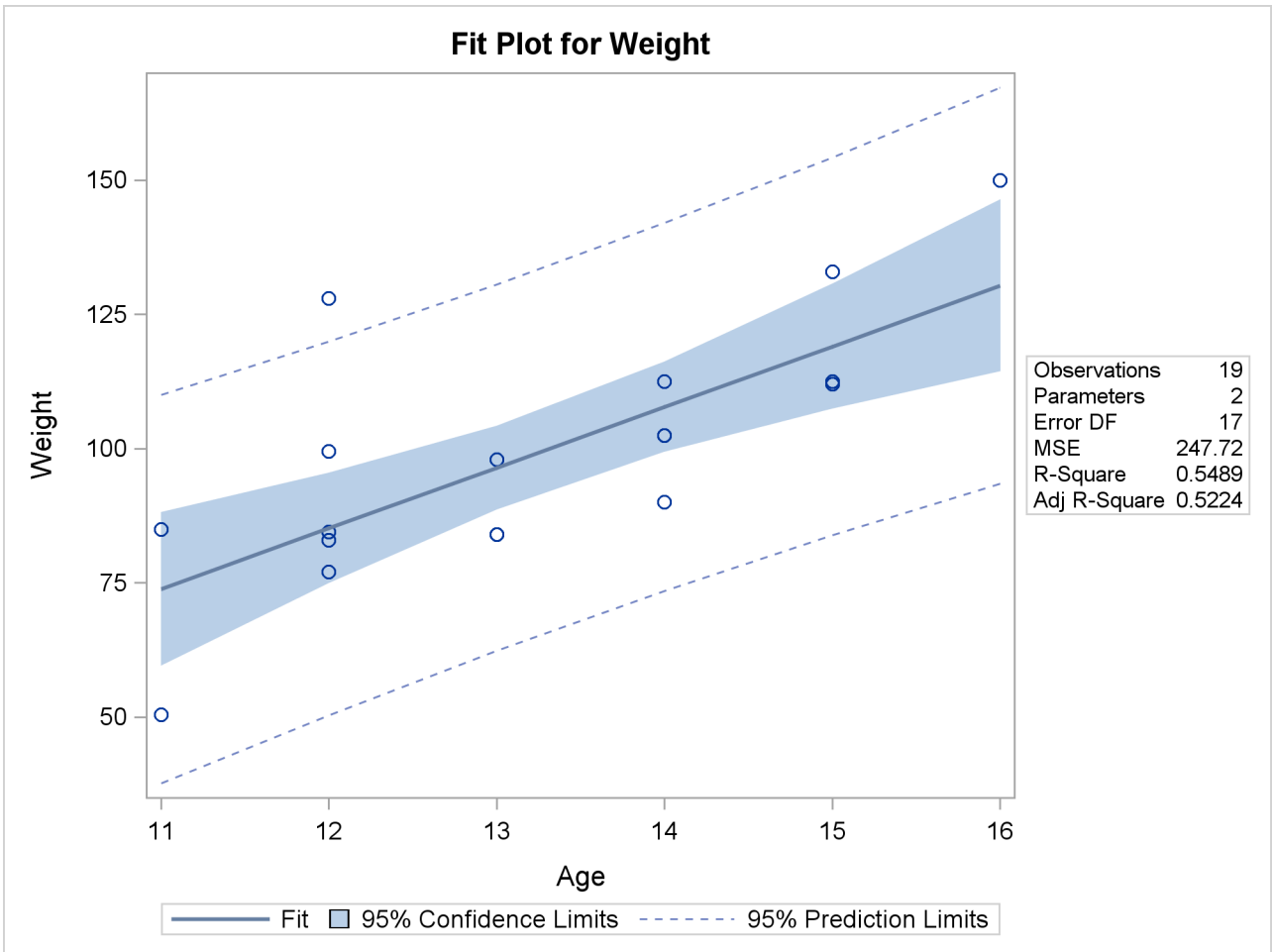
Figure 8: vanilla graphic

Fit Diagnostics for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Figure 8: *continued*

Residuals for Weight

11

Figure 8: *continued*

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224
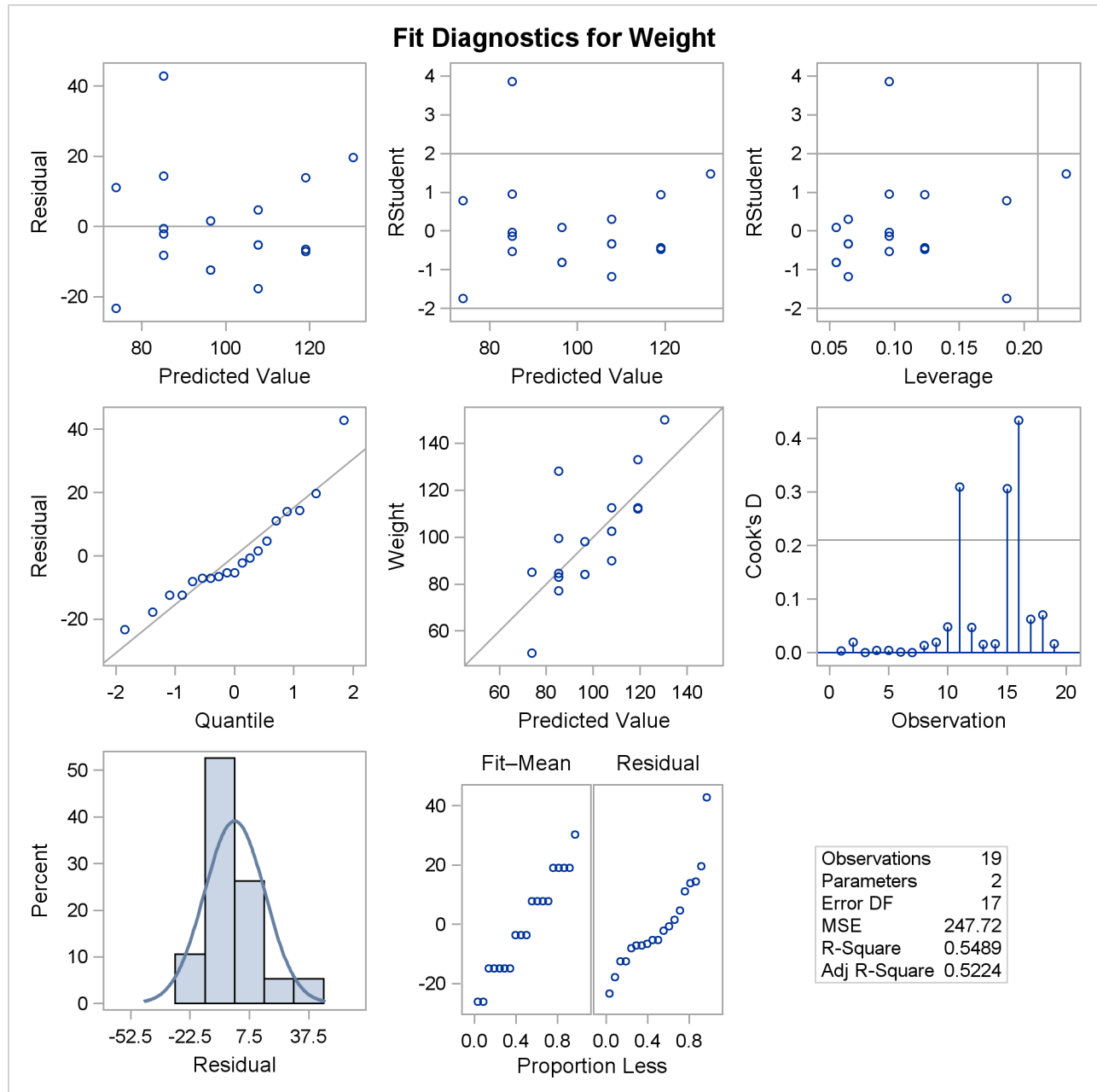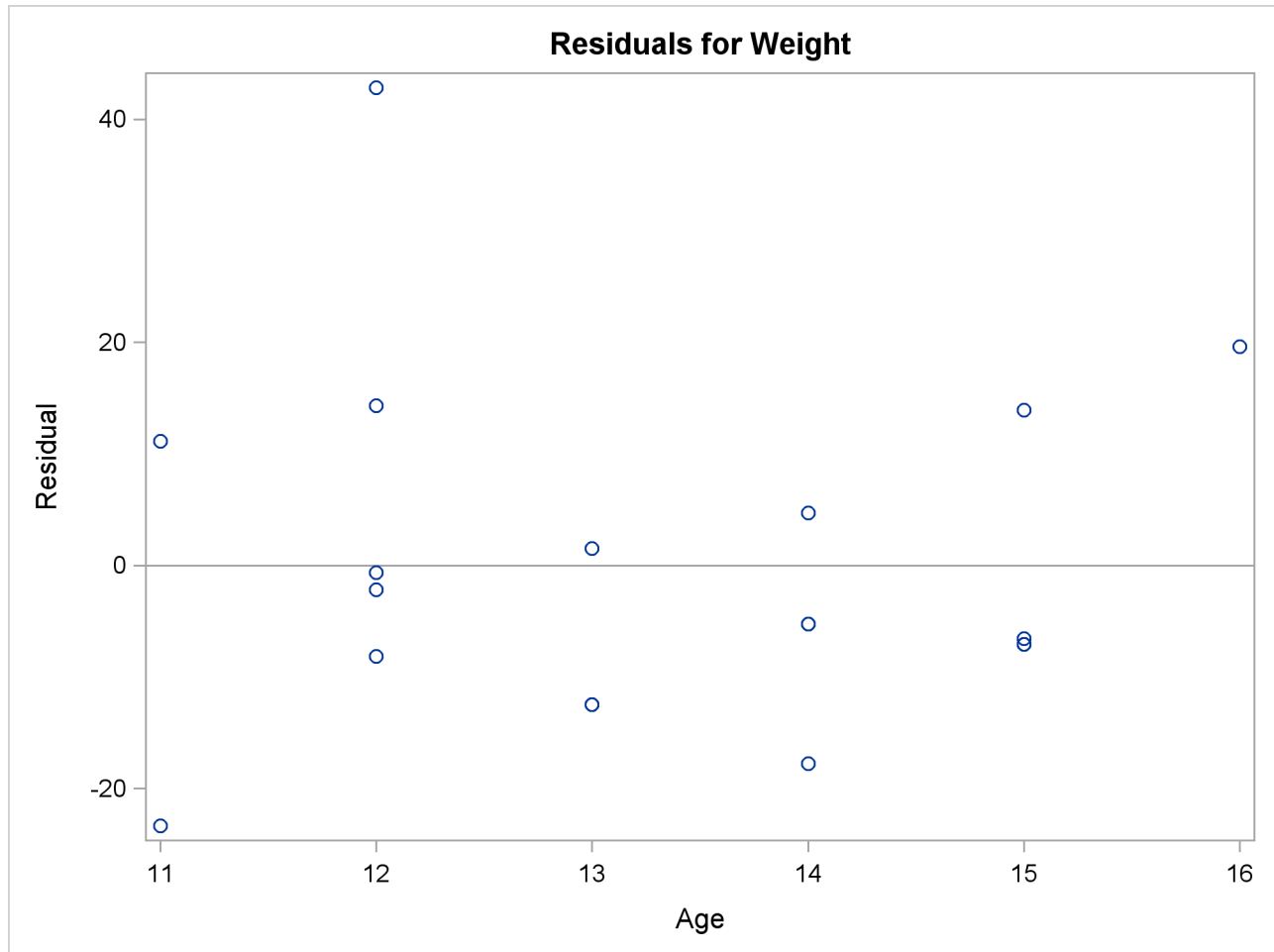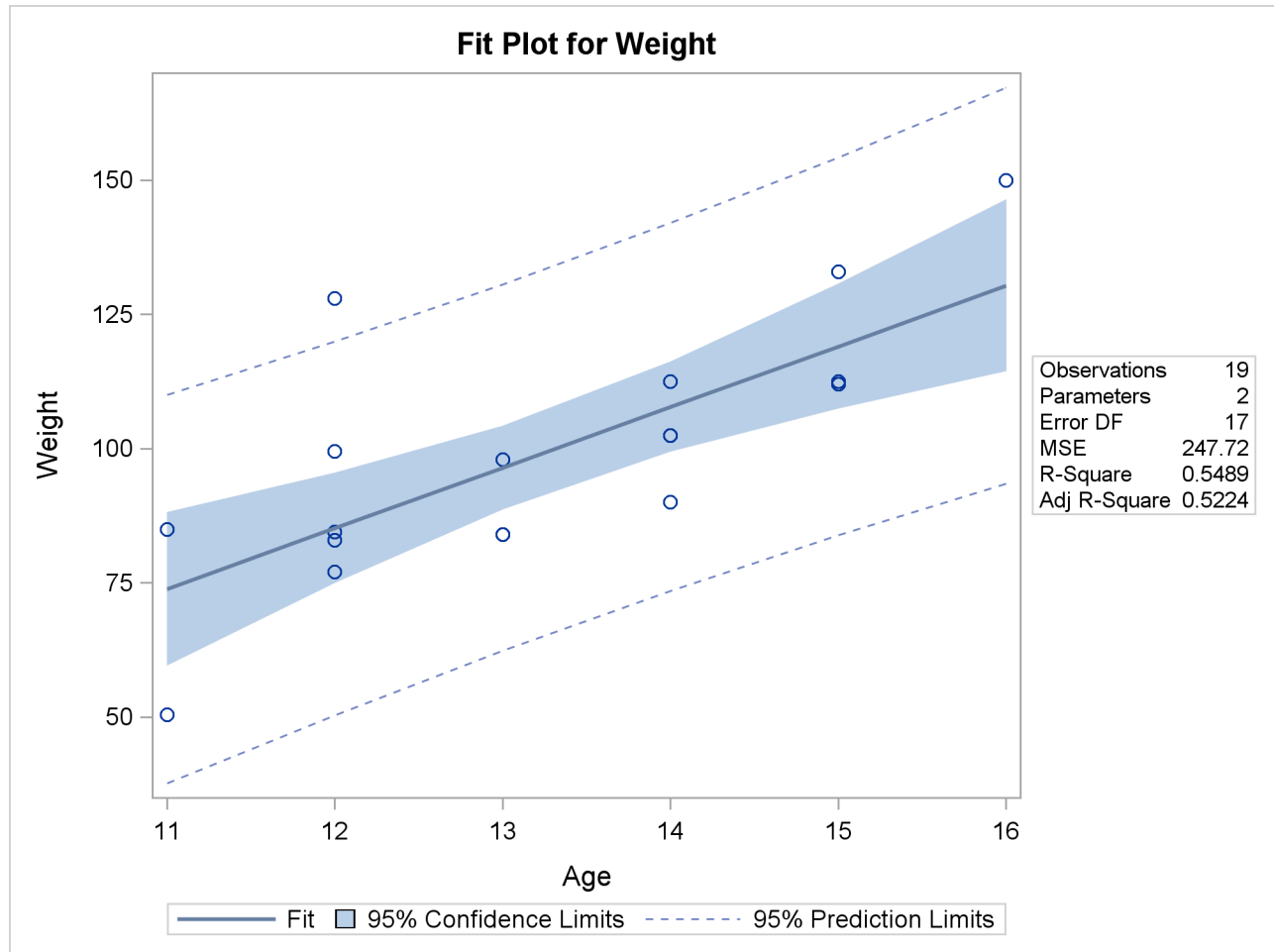
Figure 9: style=journal, scale=0.4
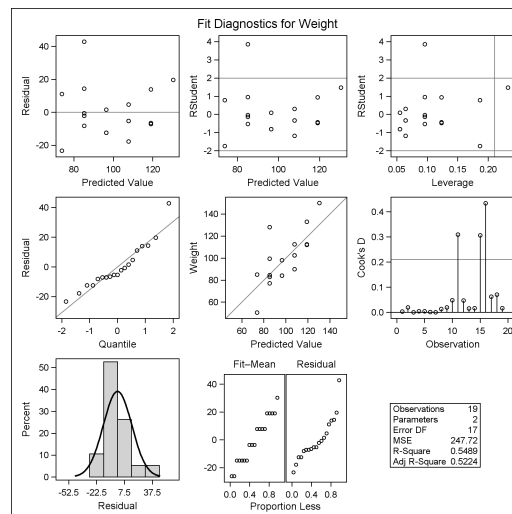
Figure 9: *continued*

Figure 10: width=2in

13

Figure 10: *continued*

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224
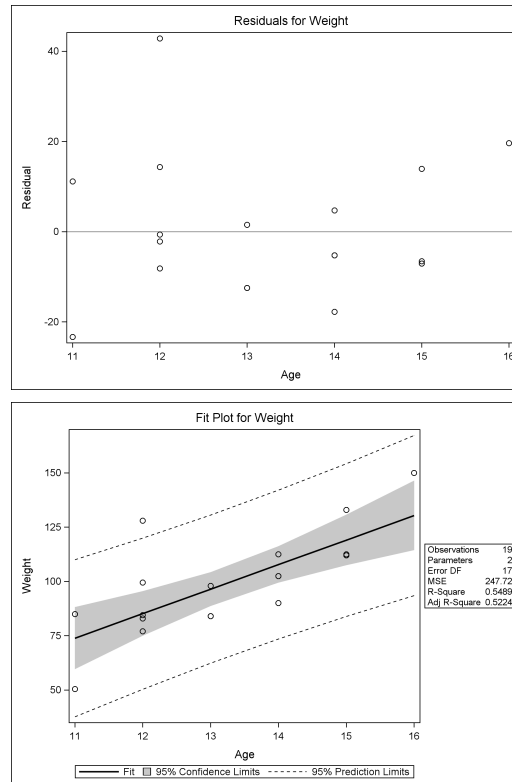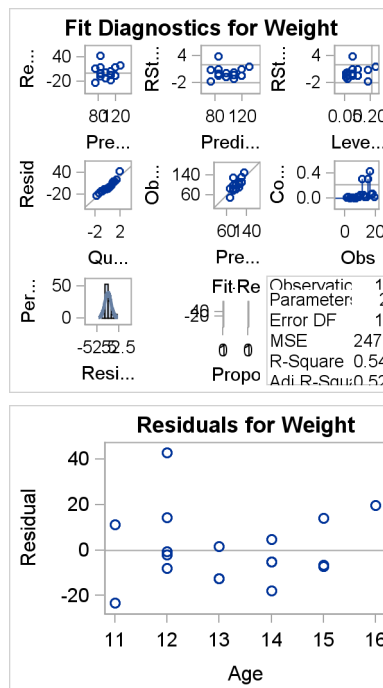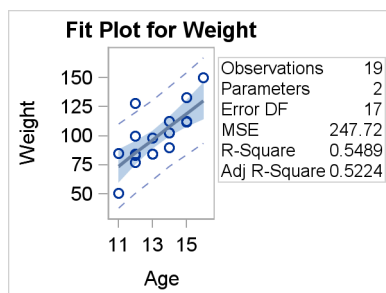
Figure 11: dpi=100
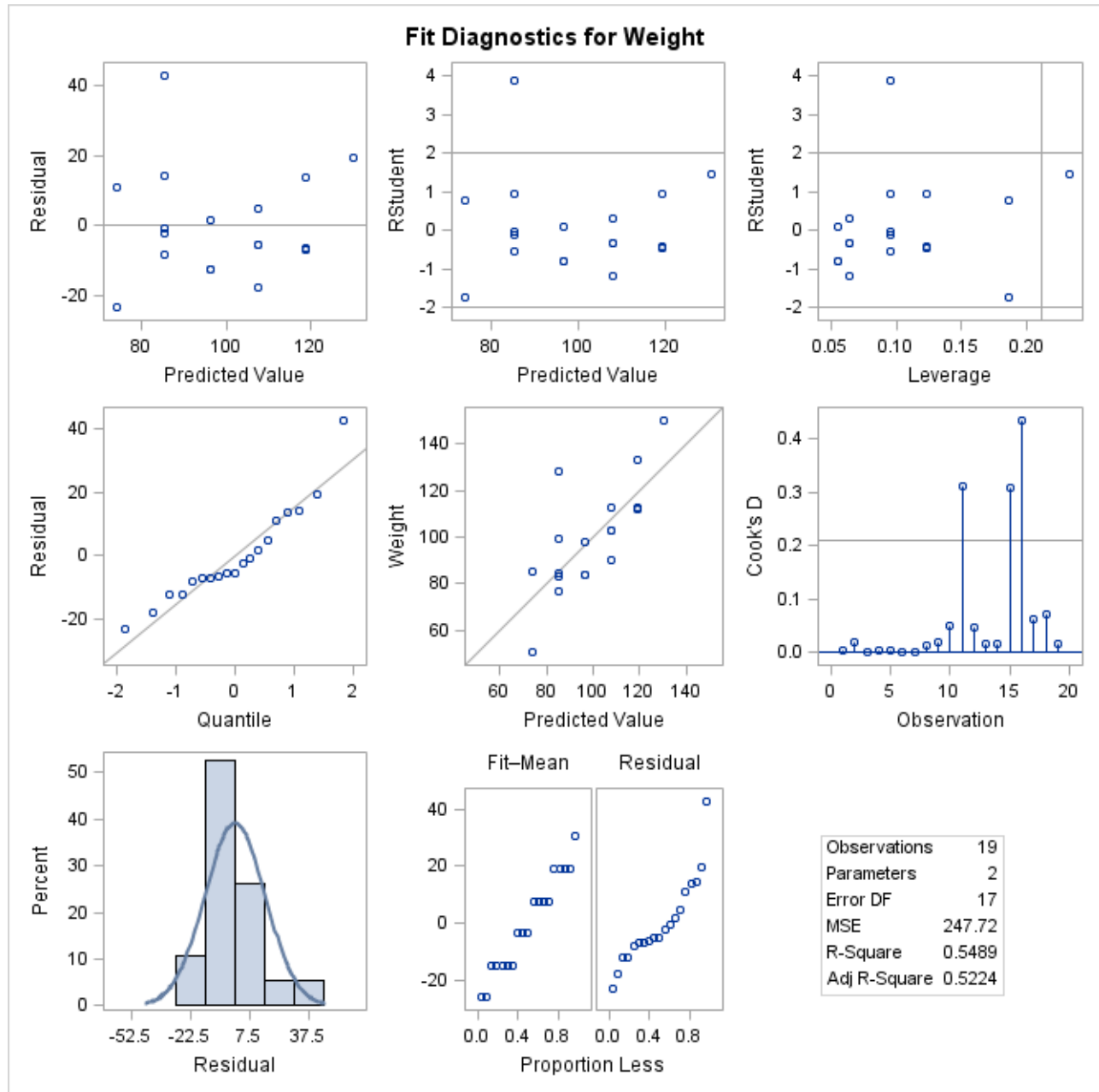
Figure 11: *continued*

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Fit □ 95% Confidence Limits - - - - - 95% Prediction Limits
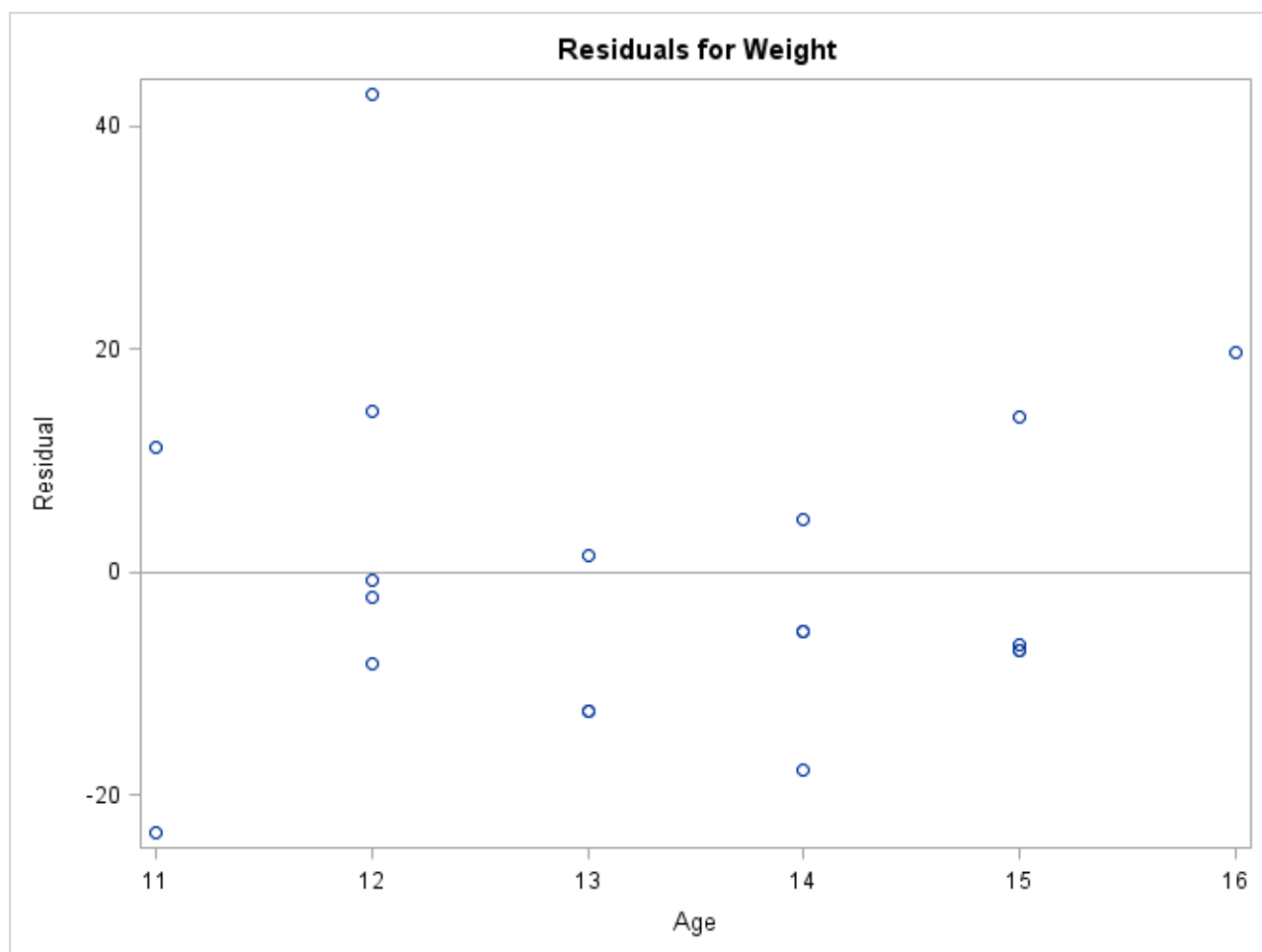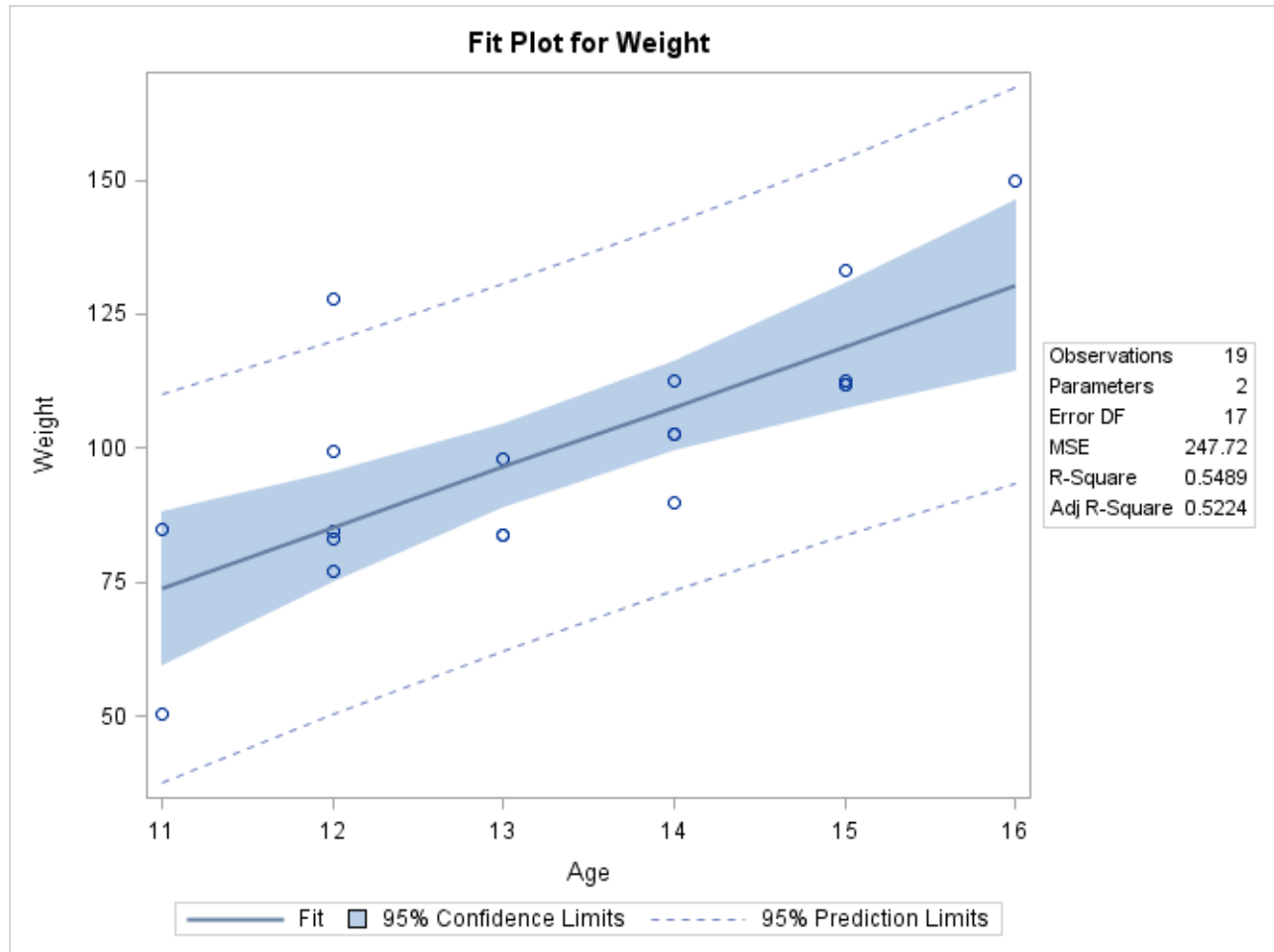
Figure 12: height=2in
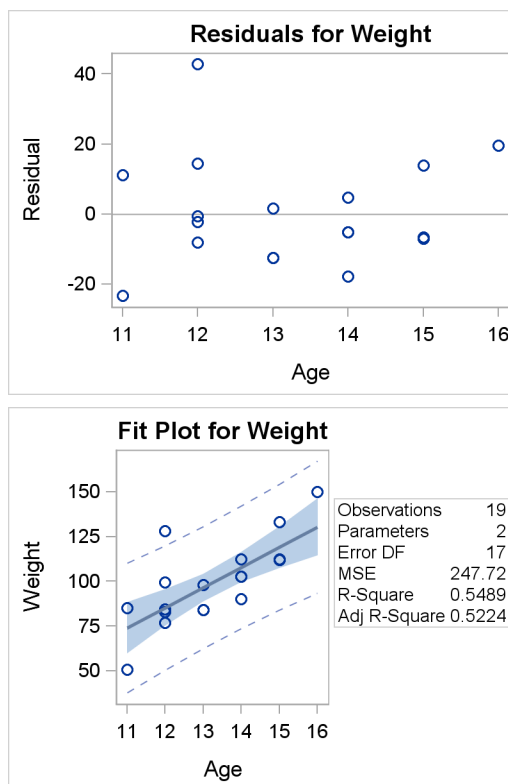

Fit Diagnostics for Weight
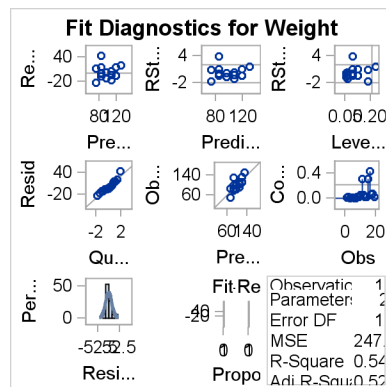
Figure 12: *continued*

Figure 13: style=brick
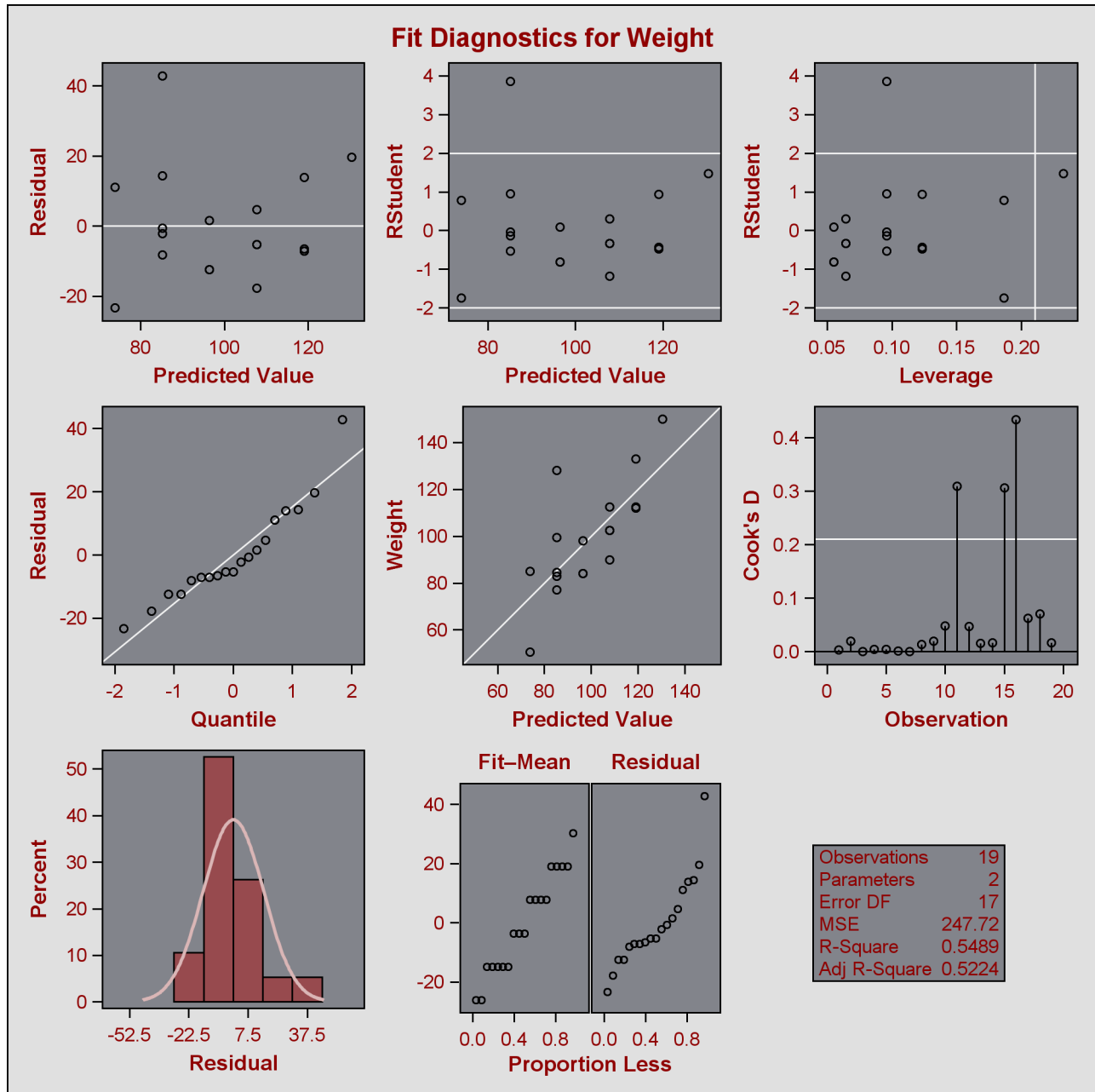
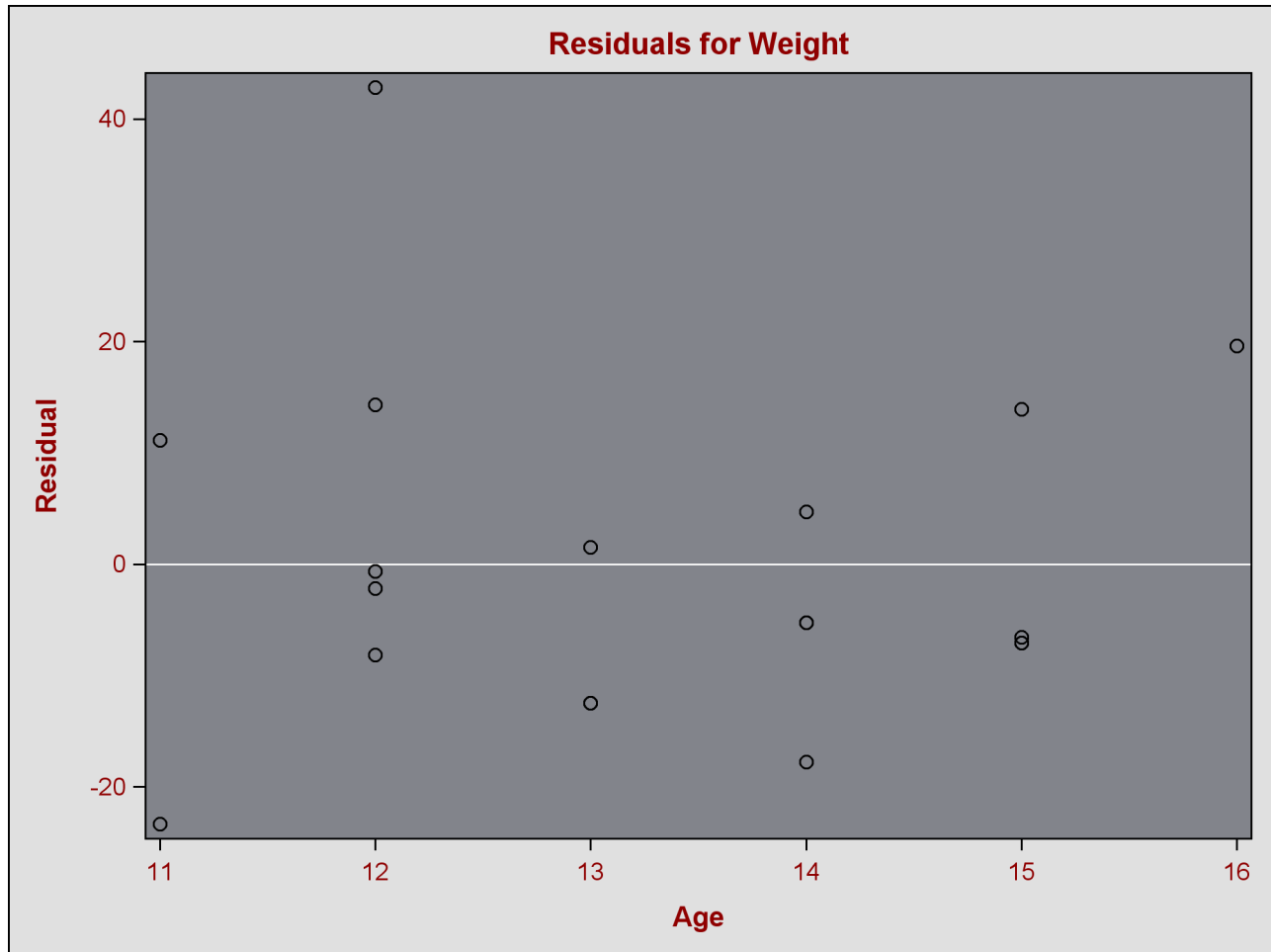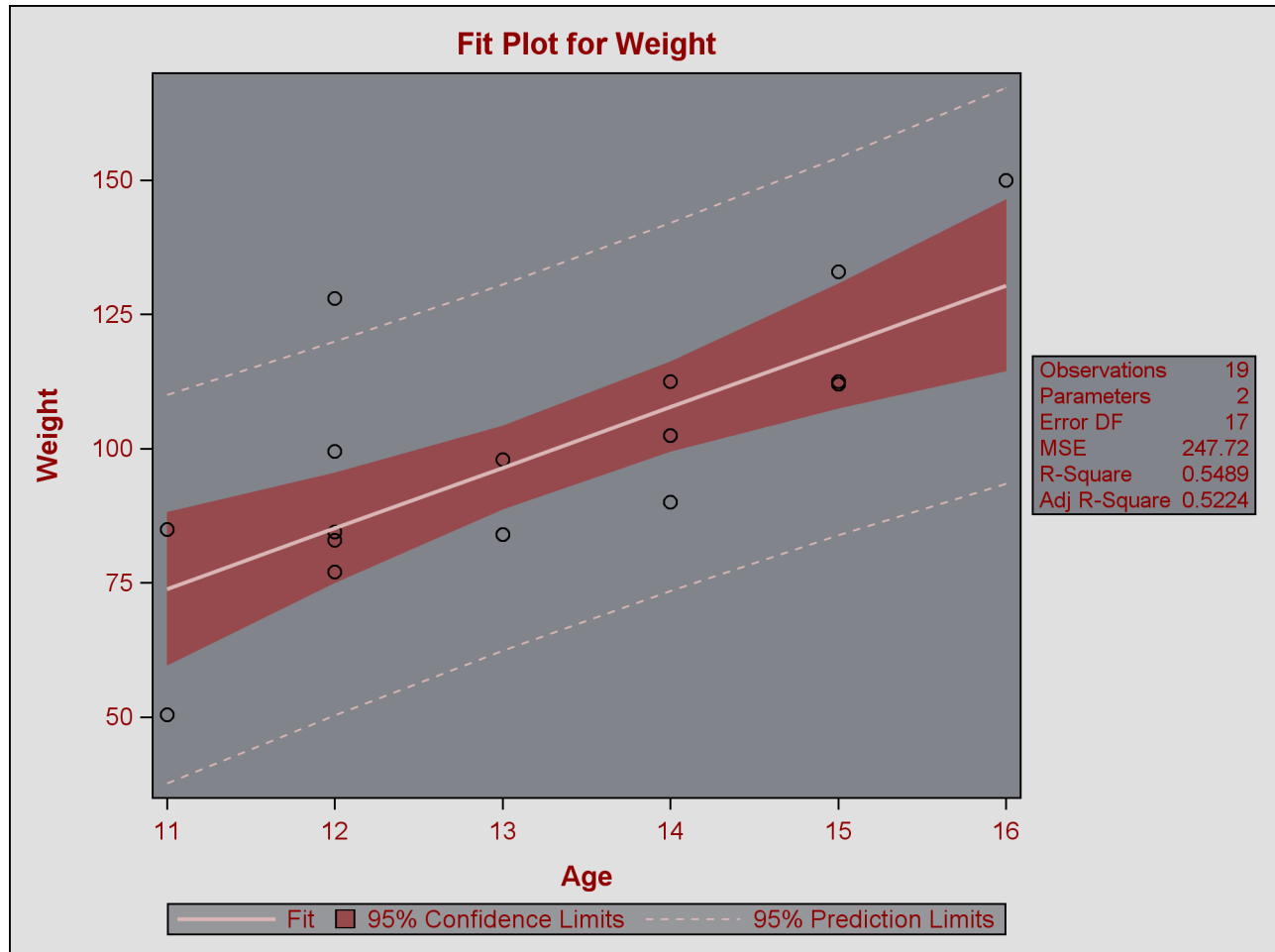Figure 13: *continued*

Figure 13: *continued*

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Legend: Fit — 95% Confidence Limits — 95% Prediction Limits

Figure 14: Back to vanilla graphic

Fit Diagnostics for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Residuals for Weight

Fit Plot for Weight

Observations	19
Parameters	2
Error DF	17
MSE	247.72
R-Square	0.5489
Adj R-Square	0.5224

Legend: Fit — 95% Confidence Limits — 95% Prediction Limits
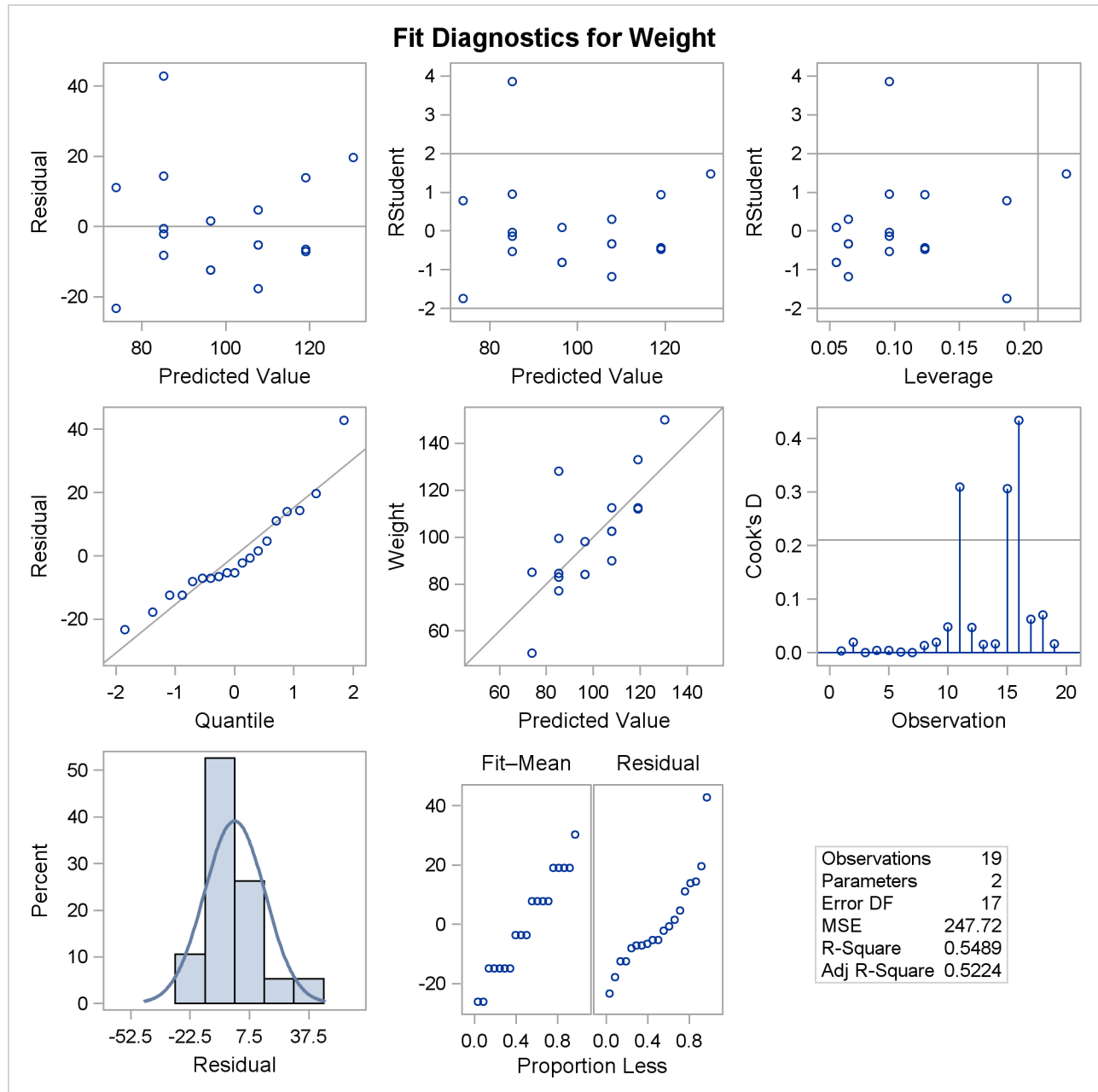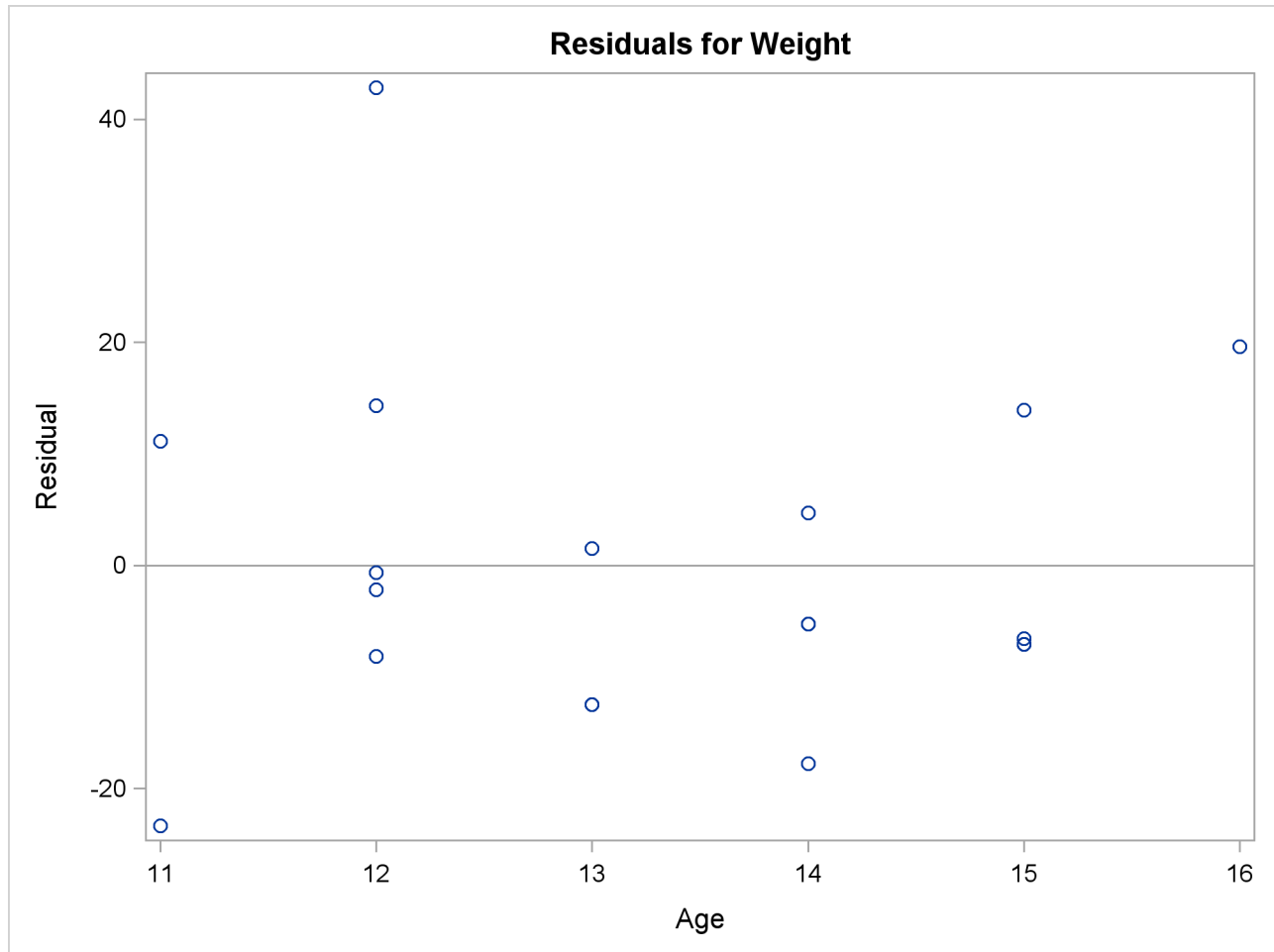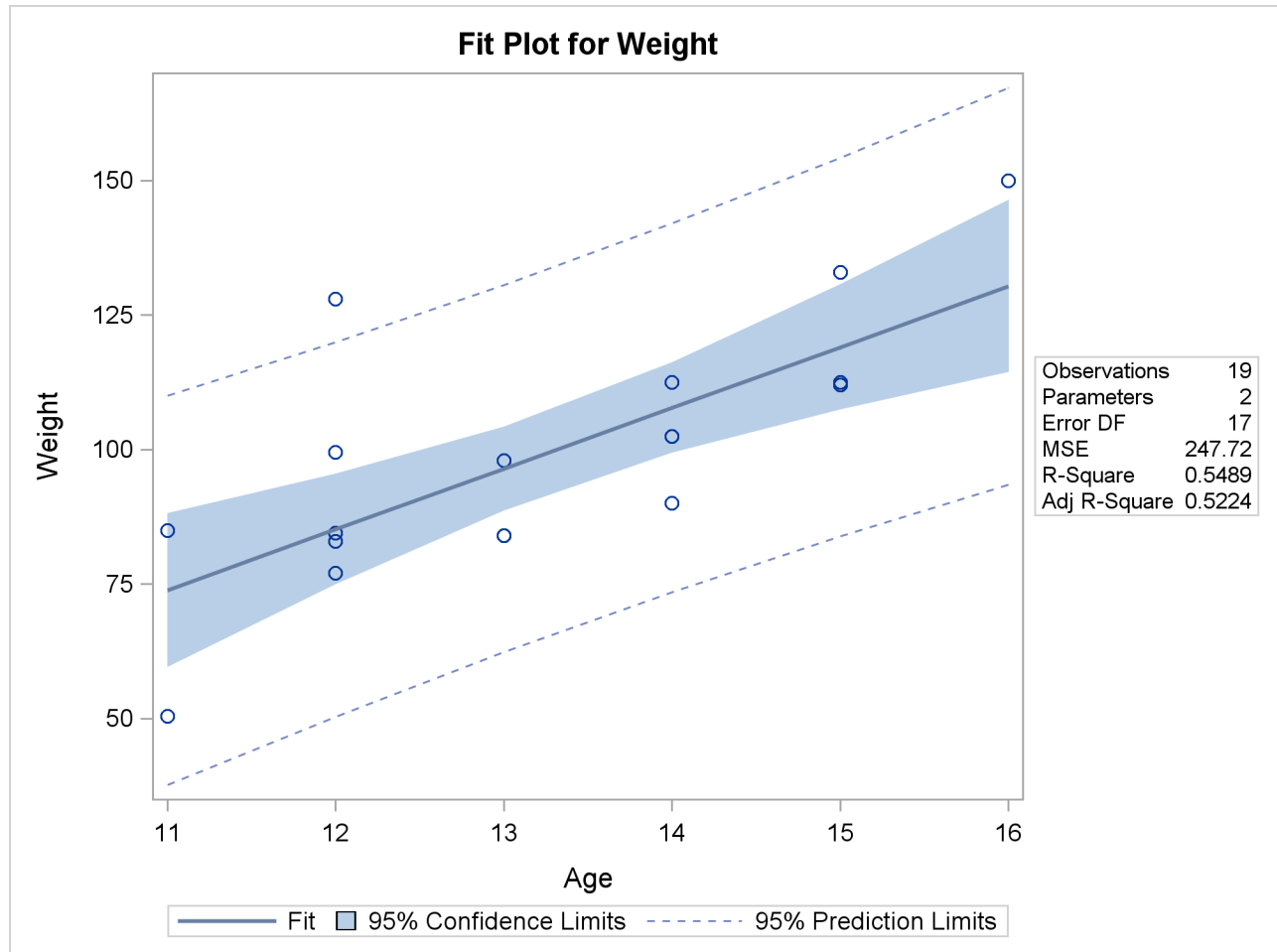
```
data Wine;
   input WineType $ VisitLength @@;
   datalines;
white   80 white   98 white 115 white   89 white 103
white   91 white 119 white   31 white 109 white   95

... more data lines ...

red    104 red     91 red    132 red     78 red    107
red    101 red     92
;

ods graphics on;
proc anova data=Wine;
   class WineType;
   model VisitLength = WineType;
run;
ods graphics off;
```

Figure 15: Analysis of Variance for Visit Length

The ANOVA Procedure

Class Level Information		
Class	**Levels**	**Values**
WineType	2	red white

Number of Observations Read	42
Number of Observations Used	42

The ANOVA Procedure

Dependent Variable: VisitLength

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	225.40896	225.40896	0.47	0.4989
Error	40	19363.16247	484.07906		
Corrected Total	41	19588.57143			

Figure 16: Analysis of Variance for Visit Length

```
                    The ANOVA Procedure

                 Class Level Information

            Class          Levels     Values

            WineType            2     red white


        Number of Observations Read        42
        Number of Observations Used        42


                 The ANOVA Procedure

Dependent Variable: VisitLength

                              Sum of
 Source                 DF     Squares     Mean Square    F Value    Pr > F

 Model                   1    225.40896     225.40896       0.47    0.4989

 Error                  40  19363.16247     484.07906

 Corrected Total        41  19588.57143
```

```
    proc format;
       value $sex 'F' = 'Female' 'M' = 'Male';
    data one;
```

```
    set sashelp.class;
    format sex $sex.;
run;

proc reg;
    model weight = height age;
run;
```

Figure 17: Regression Analysis

```
                      The REG Procedure
                       Model: MODEL1
                   Dependent Variable: Weight

           Number of Observations Read           19
           Number of Observations Used           19


                     Analysis of Variance

                             Sum of           Mean
Source                 DF     Squares         Square     F Value     Pr > F

Model                   2    7215.63710     3607.81855     27.23     <.0001
Error                  16    2120.09974      132.50623
Corrected Total        18    9335.73684


           Root MSE                11.51114    R-Square      0.7729
           Dependent Mean         100.02632    Adj R-Sq      0.7445
           Coeff Var               11.50811


                       Parameter Estimates

                       Parameter      Standard
    Variable     DF     Estimate        Error      t Value     Pr > |t|

    Intercept     1    -141.22376      33.38309      -4.23       0.0006
    Height        1       3.59703       0.90546       3.97       0.0011
    Age           1       1.27839       3.11010       0.41       0.6865
```
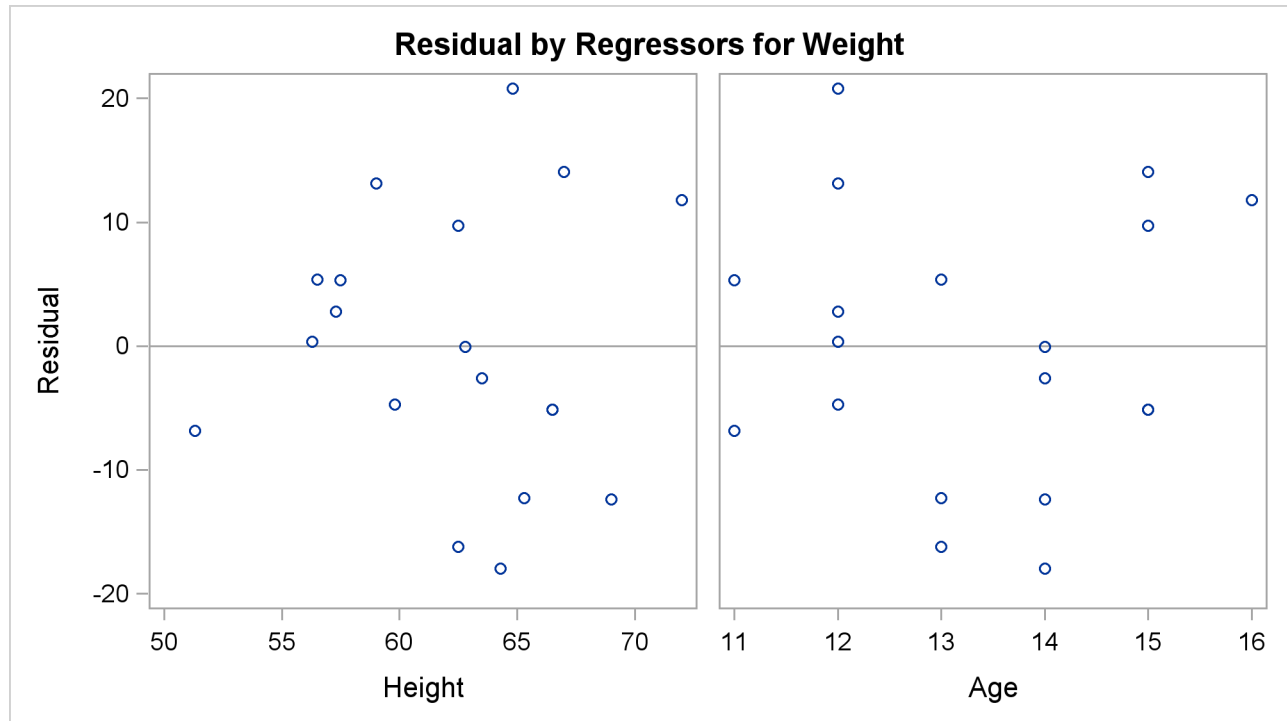
Figure 18: Regression Analysis

The REG Procedure

Model: MODEL1

Dependent Variable: Weight

Number of Observations Read	19
Number of Observations Used	19

Figure 18: *continued*

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	7215.63710	3607.81855	27.23	<.0001
Error	16	2120.09974	132.50623		
Corrected Total	18	9335.73684			

Root MSE	11.51114	R-Square	0.7729
Dependent Mean	100.02632	Adj R-Sq	0.7445
Coeff Var	11.50811		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	−141.22376	33.38309	−4.23	0.0006
Height	1	3.59703	0.90546	3.97	0.0011
Age	1	1.27839	3.11010	0.41	0.6865

Figure 19: Graphs for Regression Analysis
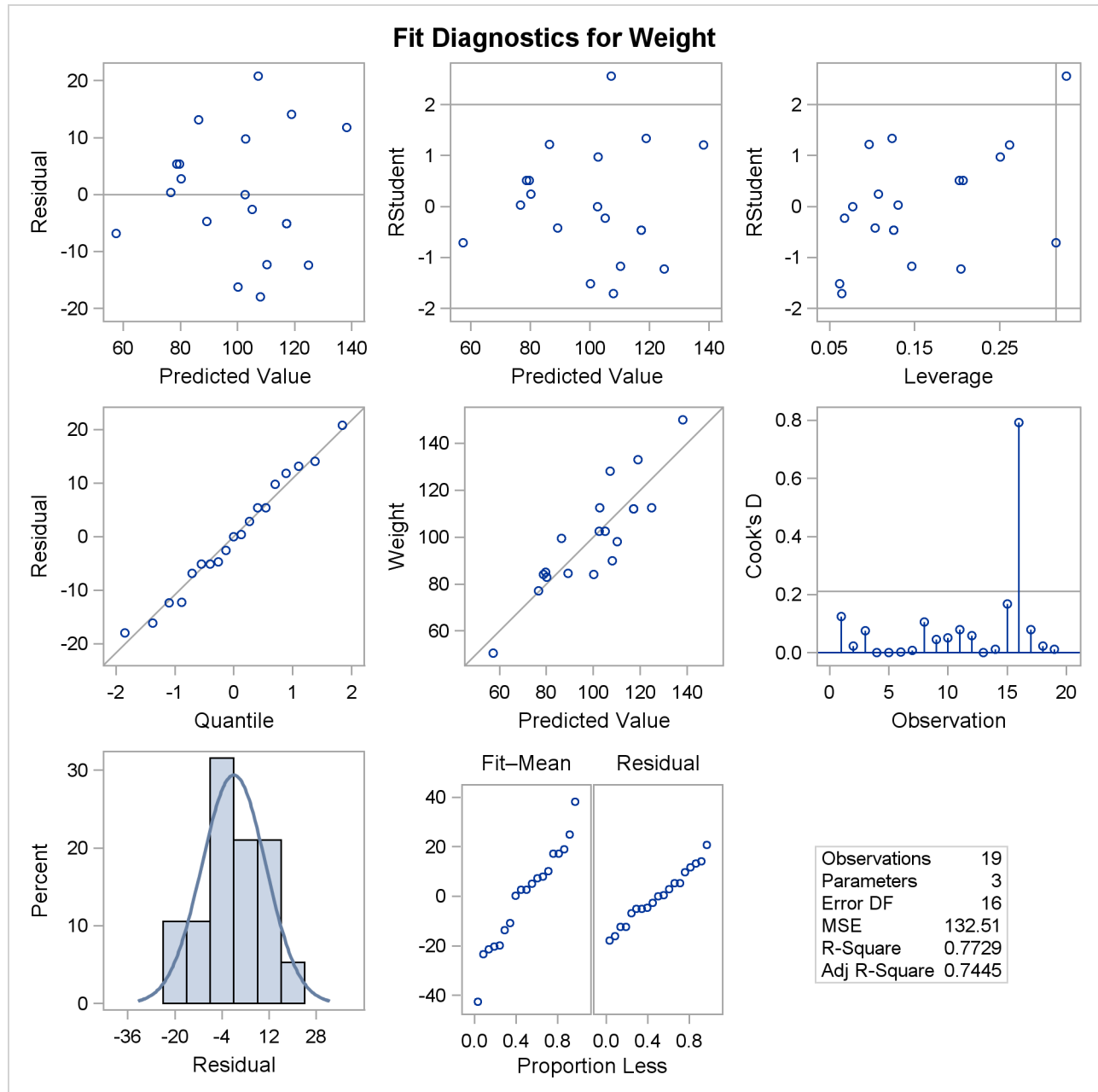
Some Text In this tutorial we'll create simple web browser using Python PyQt framework. As you may know PyQt is a set of Python bindings for Qt framework, and Qt (pronounced cute) is C++ framework used to create GUI-s. To be strict you can use Qt to develop programs without GUI too, but developing user interfaces is probably most common thing people do with this framework. Main benefit of Qt is that it allows.

- text one PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt

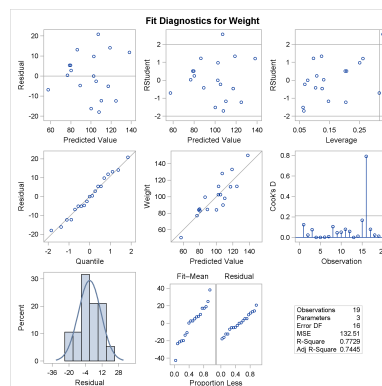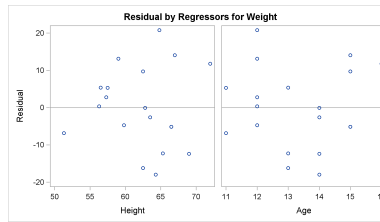Figure 20: Graphs for Regression Analysis

Figure 20: *continued*

-

- text two PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt

Figure 21: Regression Analysis

The REG Procedure
Model: MODEL1
Dependent Variable: Weight

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	7215.63710	3607.81855	27.23	<.0001
Error	16	2120.09974	132.50623		
Corrected Total	18	9335.73684			

Root MSE	11.51114	R-Square	0.7729
Dependent Mean	100.02632	Adj R-Sq	0.7445
Coeff Var	11.50811		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	−141.22376	33.38309	−4.23	0.0006
Height	1	3.59703	0.90546	3.97	0.0011
Age	1	1.27839	3.11010	0.41	0.6865

-

- text three PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt PyQt is a set of Python bindings for Qt

Some more Text. In this tutorial we'll create simple web browser using Python PyQt framework. As you may know PyQt is a set of Python bindings for Qt framework, and Qt (pronounced cute) is C++ framework used to create GUI-s. To be strict you can use Qt to develop programs without GUI too, but developing user interfaces is probably most common thing people do with this framework. Main benefit of Qt is that it allows.