This document is named `example.tex`. It contains the complete *Getting Started* example from the *StatRep User's Guide*. You can generate the final PDF document `example.pdf` as follows:

Generate the SAS program
Compile this document with `pdflatex`. The `StatRep` package automatically generates a SAS program from the document source. The program is named `example_SR.sas` and it is created in the current directory.

Capture the SAS outputs
Run the SAS program `example_SR.sas`. The SAS working directory must be the directory that contains this document.

Create the final PDF
Compile this document with `pdflatex` once more. The outputs that SAS generated in the preceding step are now included in the final PDF `example.pdf`.

The code in the `Datastep` environment is written unchanged to the generated SAS program.

```
proc format;
   value $sex 'F' = 'Female' 'M' = 'Male';
data one;
   set sashelp.class;
   format sex $sex.;
run;
```

The code in the `Sascode` environment is parsed before it is written to the generated SAS program. For example, lines that begin with the string `%*;` are written to the SAS program and are not displayed in the final document. The other lines in this example are written to the program and are displayed in the final document.

The first line of the following code block can be seen only in the LaTeX source file and in the generated SAS program. The line insures that ODS Graphics are enabled.

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

The `Listing` and `Graphic` tags convey information to LaTeX and to SAS. The tags specify the names of the output files to insert into the document and the captions for the output. Additionally, they specify the names of the output files to create and which ODS objects to capture.

Figure 1: 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

Figure 2: Graphs for Regression Analysis

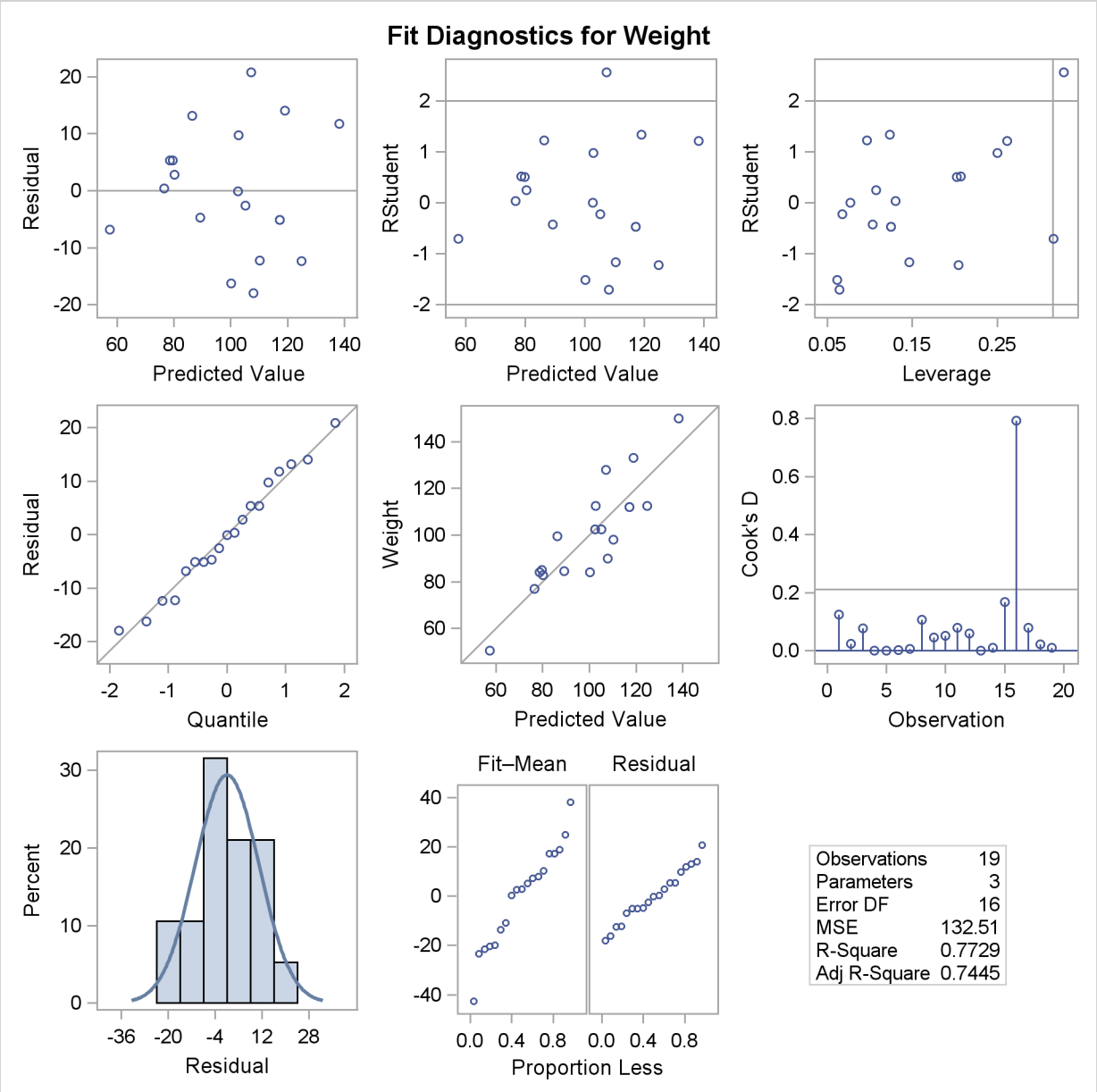
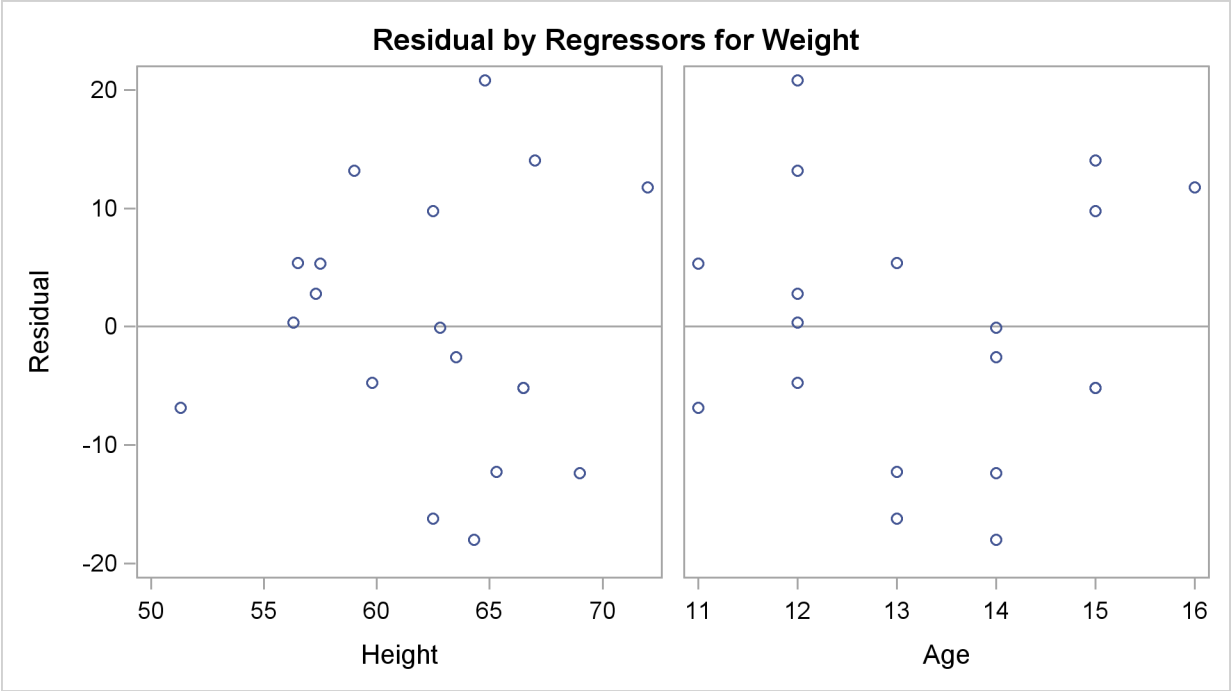


Figure 2: *continued*



In this short example only the defaults are used. That is, all output objects are selected and displayed.