

Table 32-6 Systolic Blood Pressure Taken with Manual and Automated Methods

```

CORRELATIONS
/VARIABLES=Manual Automated Difference
/PRINT=TWOTAIL NOSIG
/STATISTICS DESCRIPTIVES
/MISSING=PAIRWISE.

```

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
Manual	135.16	19.471	50
Automated	134.26	18.122	50
Difference	.9000	11.39683	50

Correlations

		Manual	Automated	Difference
Manual	Pearson Correlation	1	.819**	.407**
	Sig. (2-tailed)		.000	.003
	N	50	50	50
Automated	Pearson Correlation	.819**	1	-.192
	Sig. (2-tailed)	.000		.182
	N	50	50	50
Difference	Pearson Correlation	.407**	-.192	1
	Sig. (2-tailed)	.003	.182	
	N	50	50	50

** . Correlation is significant at the 0.01 level (2-tailed).

* Chart Builder.

GGRAPH

```

/GRAPHDATASET NAME="graphdataset" VARIABLES=Manual Automated MISSING=LISTWISE
REPORTMISSING=NO

```

```

/GRAPHSPEC SOURCE=INLINE

```

```

/FITLINE TOTAL=YES.

```

BEGIN GPL

```

SOURCE: s=userSource(id("graphdataset"))

```

```

DATA: Manual=col(source(s), name("Manual"))

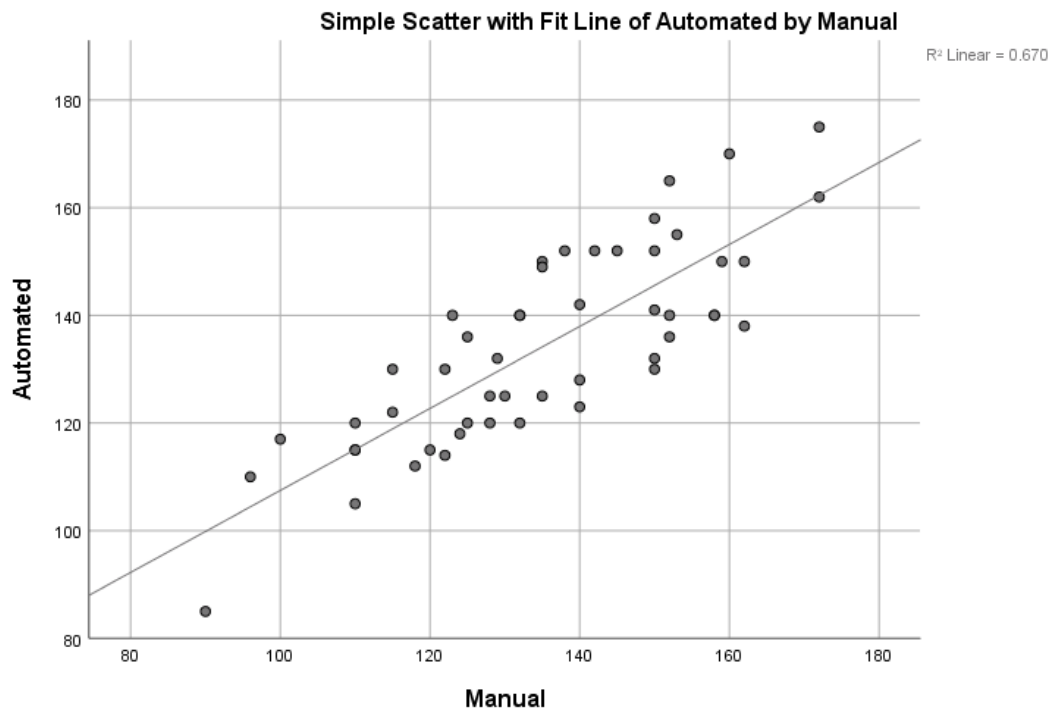
```

```

DATA: Automated=col(source(s), name("Automated"))
GUIDE: axis(dim(1), label("Manual"))
GUIDE: axis(dim(2), label("Automated"))
GUIDE: text.title(label("Simple Scatter with Fit Line of Automated by Manual"))
ELEMENT: point(position(Manual*Automated))
END GPL.

```

GGraph



```

DESCRIPTIVES VARIABLES=Manual Automated Difference
/STATISTICS=MEAN STDDEV MIN MAX.

```

Descriptives

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Manual	50	90	172	135.16	19.471
Automated	50	85	175	134.26	18.122
Difference	50	-17.00	24.00	.9000	11.39683
Valid N (listwise)	50				

```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=meandiff Difference
MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: meandiff=col(source(s), name("meandiff"))
  DATA: Difference=col(source(s), name("Difference"))
  GUIDE: axis(dim(1), label("meandiff"))
  GUIDE: axis(dim(2), label("Difference"))
  GUIDE: text.title(label("Simple Scatter of Difference by meandiff"))
  ELEMENT: point(position(meandiff*Difference))
END GPL.

```

GGraph

