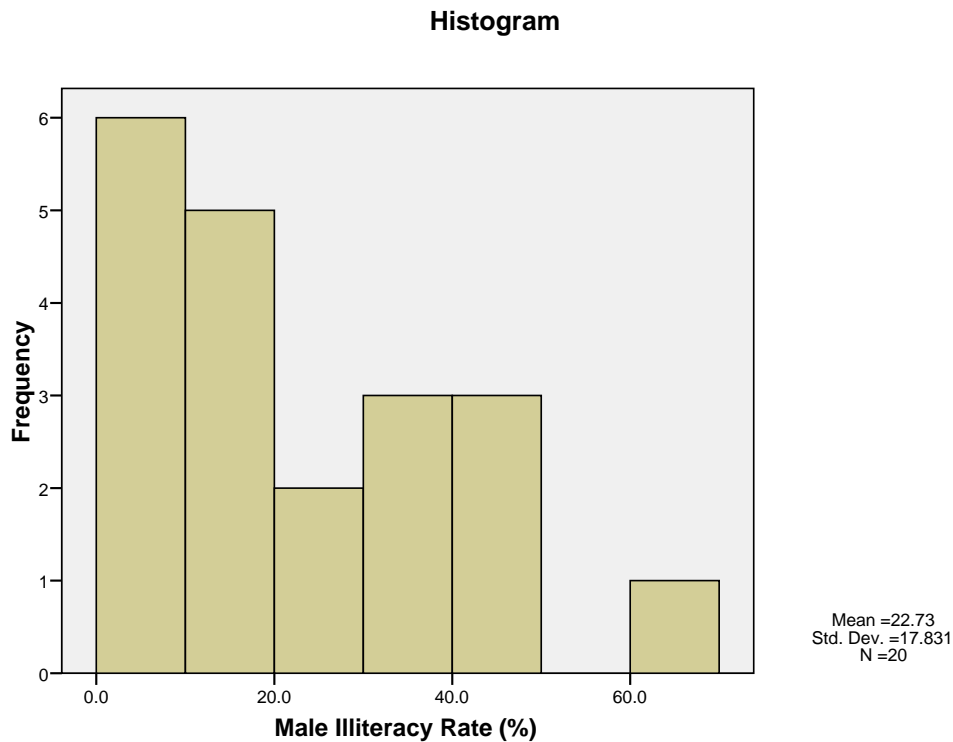


Answers to Exercise 2.3 (p. 62)

To generate all three plots (histogram, stem-and-leaf display and a boxplot) in one go for each variable, use the **Explore...** procedure as illustrated in Figure 1.19 (p. 31). However, this time just select 'Plots' under 'Display' and then click on the 'Plots' button. This will open up a new window where you can select 'Histogram' as well as 'Stem and Leaf Display'. Click 'OK' in the main window to complete the procedure. The plots you should get for the four scale variables are shown below.

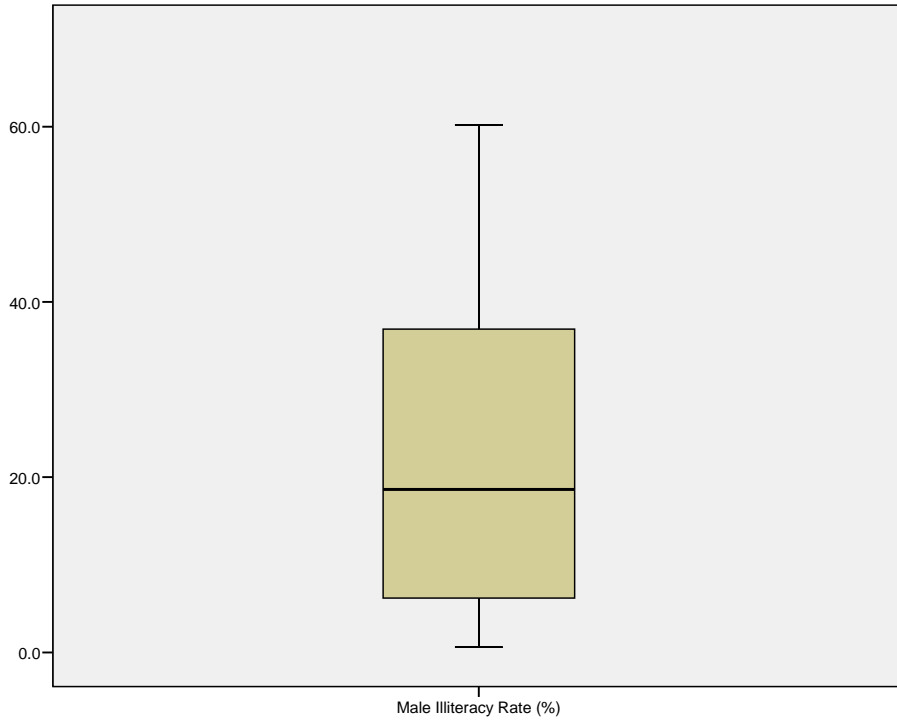
1. Plots for Male Illiteracy Rates (%)



Male Illiteracy Rate (%) Stem-and-Leaf Plot

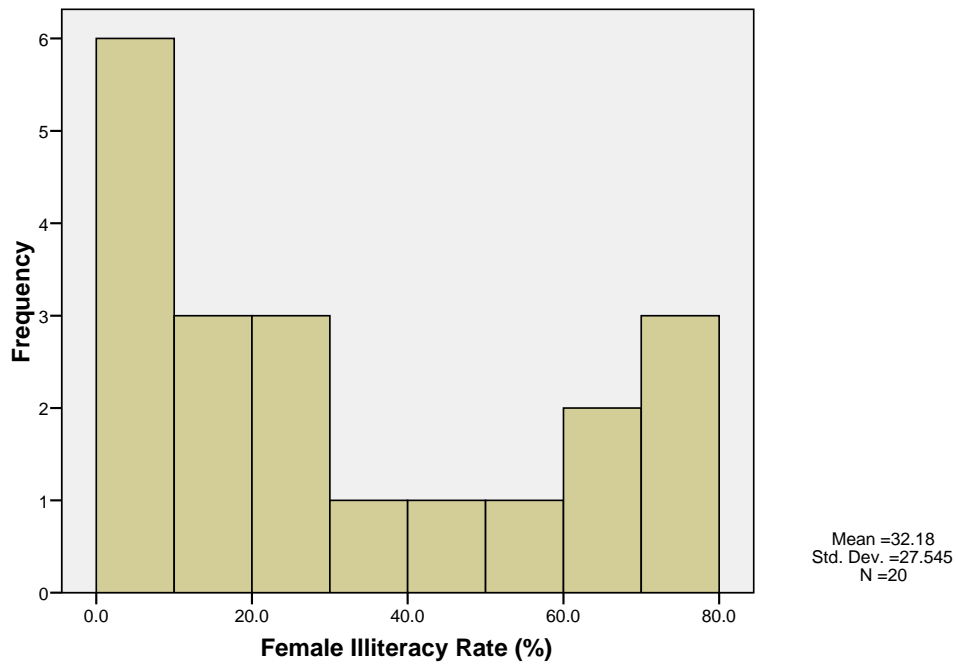
Frequency	Stem &	Leaf
6.00	0 .	012348
5.00	1 .	26679
2.00	2 .	34
3.00	3 .	367
3.00	4 .	358
.00	5 .	
1.00	6 .	0

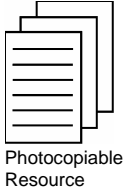
Stem width: 10.0
 Each leaf: 1 case(s)



2. Plots for Female Illiteracy Rates (%)

Histogram

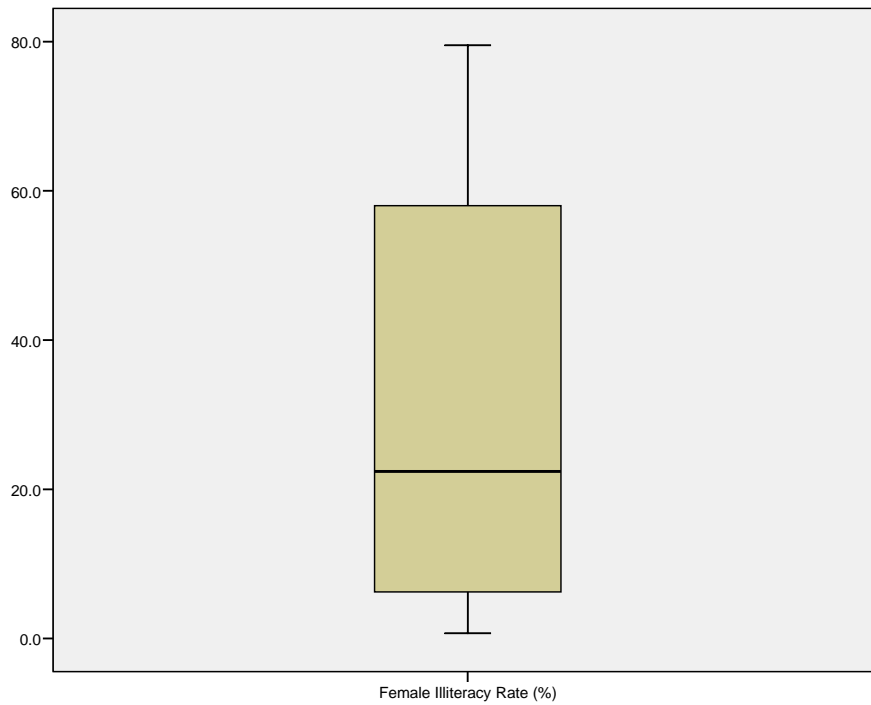


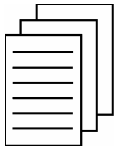


Female Illiteracy Rate (%) Stem-and-Leaf Plot

Frequency	Stem &	Leaf
6.00	0 .	013456
3.00	1 .	279
3.00	2 .	129
1.00	3 .	9
1.00	4 .	8
1.00	5 .	4
2.00	6 .	18
3.00	7 .	149

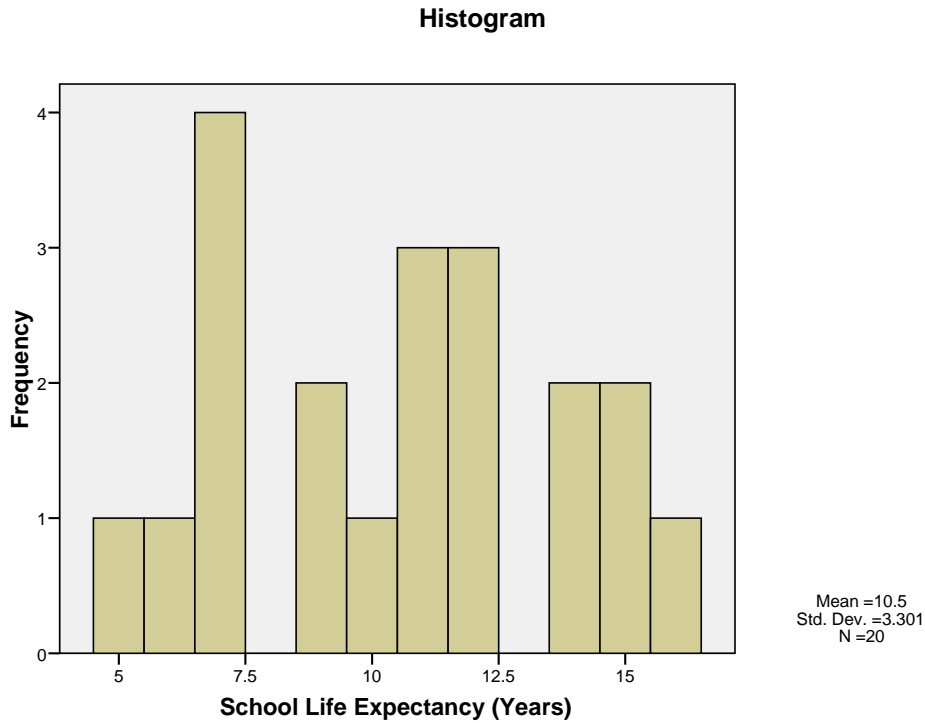
Stem width: 10.0
Each leaf: 1 case(s)





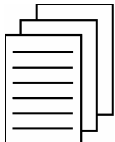
Photocopiable Resource

3. Plots for School Life Expectancy (Years)

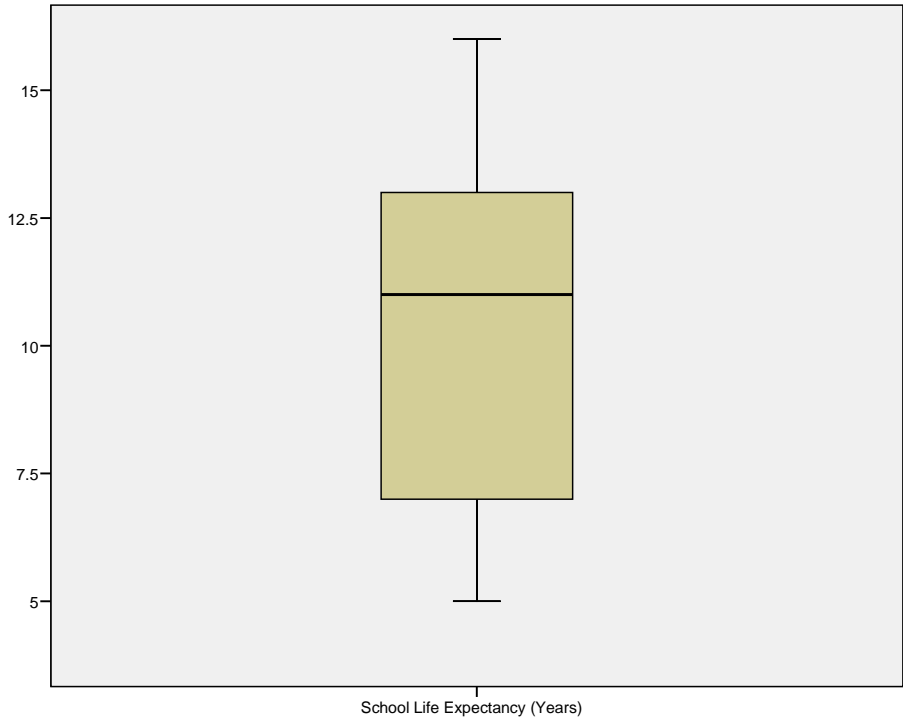


School Life Expectancy (Years) Stem-and-Leaf Plot

Frequency	Stem & Leaf
.00	0 .
8.00	0 . 56777799
9.00	1 . 011122244
3.00	1 . 556
Stem width:	10
Each leaf:	1 case(s)

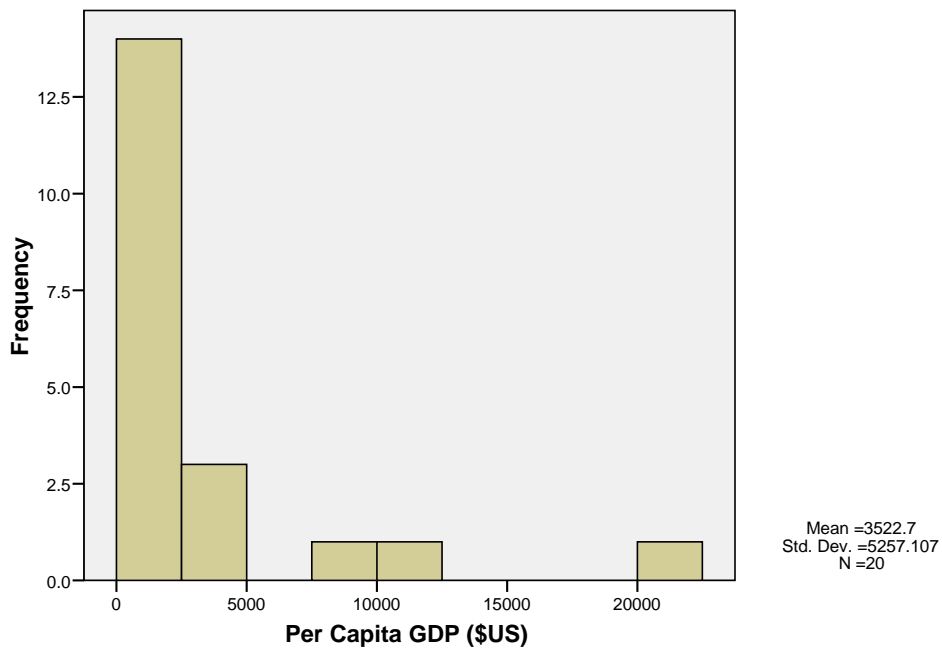


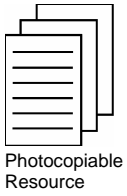
Photocopiable Resource



4. Plots for Per Capita GDP (US\$)

Histogram





Per Capita GDP (\$US) Stem-and-Leaf Plot

Frequency	Stem &	Leaf
7.00	0 .	0133356
2.00	1 .	46
5.00	2 .	02334
2.00	3 .	23
1.00	4 .	5
3.00	Extremes	(>=8384)

Stem width: 1000
Each leaf: 1 case(s)

