

```
EXAMINE VARIABLES=birthweight
  /PLOT BOXPLOT STEMLEAF NPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Box 23-4 Birthweight data, showing tests of normality (Kolmogorov-Smirnov and Shapiro-Wilk)

Case Processing Summary						
	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
birthweight	100	100.0%	0	0.0%	100	100.0%

Descriptives				Statistic	Std. Error
birthweight	Mean			7.2024	.17331
	95% Confidence Interval for Mean				
	Lower Bound			6.8585	
	Upper Bound			7.5463	
	5% Trimmed Mean			7.1860	
	Median			7.1500	
	Variance			3.004	
	Std. Deviation			1.73311	
	Minimum			3.50	
	Maximum			11.40	
	Range			7.90	

Interquartile Range	2.38	
Skewness	.133	.241
Kurtosis	-.345	.478

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
birthweight	.069	100	.200*	.991	100	.741

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

birthweight

birthweight Stem-and-Leaf Plot

Frequency	Stem &	Leaf
.00	3 .	
3.00	3 .	578
2.00	4 .	02
4.00	4 .	5589
6.00	5 .	022222
9.00	5 .	566678899
13.00	6 .	0002233333444
10.00	6 .	555588999
7.00	7 .	0012223
12.00	7 .	555688888999
10.00	8 .	0011222234
6.00	8 .	555689
9.00	9 .	000112223
2.00	9 .	56
3.00	10 .	024
2.00	10 .	67
2.00	11 .	24

Stem width: 1.00
Each leaf: 1 case(s)

