

## Descriptive Statistics

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The following data are Clovis point widths (cm) from the same data set as we used in the **characterizing data** procedures (N=226).

3	21	23.5	25.5	27.99	29.8	31.95	35.9
13.93	21	23.5	25.5	28	29.8	32	35.92
14	21	23.7	25.5	28	29.9	32	36
15.1	21	24	25.6	28	29.9	32.3	36
15.97	21.32	24	25.7	28	29.9	32.4	36
16	21.48	24	25.7	28.1	29.97	32.51	36
16.25	21.5	24	26	28.18	30	32.7	36.6
17.16	21.5	24	26	28.27	30	32.86	36.81
17.29	21.5	24	26	28.44	30	33	37
17.69	21.6	24	26	28.5	30.05	33	37.57
18	21.94	24	26.02	28.5	30.3	33.1	37.96
18	21.96	24.1	26.04	28.52	30.4	33.6	38
18	22	24.1	26.13	28.6	30.5	33.98	38
18.38	22	24.2	26.24	28.7	30.8	34	39
18.63	22.2	24.2	26.34	28.8	30.9	34	39
18.92	22.2	24.4	26.52	28.8	30.98	34.23	39.6
18.92	22.23	24.5	27	28.94	31	34.32	39.74
19	22.3	24.5	27	29.01	31	34.55	43.39
19	22.94	24.5	27	29.1	31.04	34.56	45.1
19	23	24.64	27	29.14	31.1	34.87	47.95
19	23	24.7	27.1	29.3	31.2	34.9	48.9
19	23	24.8	27.4	29.36	31.26	34.9	49.11
19.7	23	24.8	27.5	29.5	31.27	35	50.93
20	23	25	27.5	29.55	31.38	35.43	57.9
20.3	23	25.15	27.5	29.59	31.7	35.5	58
20.3	23.1	25.16	27.7	29.6	31.71	35.5	60.7
20.62	23.2	25.35	27.8	29.6	31.8	35.6	62.01
21	23.2	25.49	27.85	29.7	31.8	35.9	63.17
						66	64.35

For descriptive stats, follow:

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>STATS
  >BASIC STATISTICS
    >DESCRIPTIVE STATS
      >Double click your column of data into VARIABLES box
        >GRAPHS
          >Click on GRAPHICAL SUMMARY (you also
can get boxplots and histograms here, but the graphical summary includes
everything)
          >OK

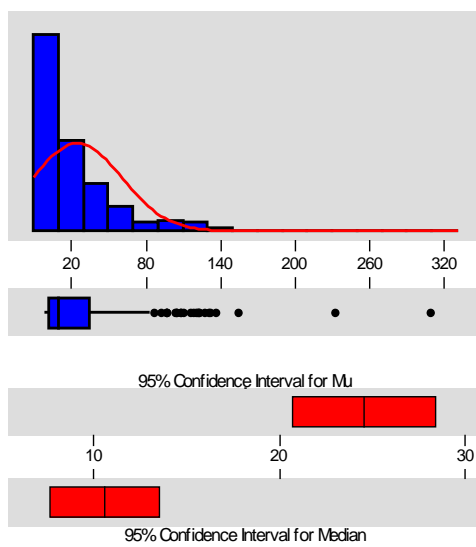
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The output in the SESSION window looks like

Descriptive Statistics						
Variable	N	Mean	Median	Tr Mean	StDev	SE Mean
Width	226	28.780	27.995	27.994	8.889	0.591
Variable	Min	Max	Q1	Q3		
Width	3.000	66.000	23.425	32.000		

And the graphical summary graph looks like:

### Descriptive Statistics



Variable: DENSITY

Anderson-Darling Normality Test

A-Squared: 32.778  
P-Value: 0.000

Mean: 24.5509  
StDev: 36.1026  
Variance: 1303.40  
Skewness: 3.10077  
Kurtosis: 14.6989  
N: 339

Minimum: 0.250  
1st Quartile: 2.330  
Median: 10.600  
3rd Quartile: 34.750  
Maximum: 308.700

95% Confidence Interval for Mu  
20.694 28.408

95% Confidence Interval for Sigma  
33.574 39.046

95% Confidence Interval for Median  
7.716 13.592