

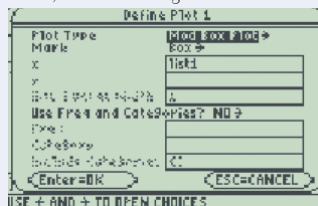
3. TECHNOLOGY CORNER

MAKING CALCULATOR BOXPLOTS

TI-Nspire instructions in Appendix B; HP Prime instructions on the book's Web site.

The TI-83/84 and TI-89 can plot up to three boxplots in the same viewing window. Let's use the calculator to make parallel boxplots of the travel time to work data for the samples from North Carolina and New York.

1. Enter the travel time data for North Carolina in L1/list1 and for New York in L2/list2.
2. Set up two statistics plots: Plot1 to show a boxplot of the North Carolina data and Plot2 to show a boxplot of the New York data. The setup for Plot1 is shown below. When you define Plot2, be sure to change L1/list1 to L2/list2.



Note: The calculator offers two types of boxplots: one that shows outliers and one that doesn't. We'll always use the type that identifies outliers.

3. Use the calculator's Zoom feature to display the parallel boxplots. Then Trace to view the five-number summary.

TI-89

- Press **F5** (ZoomData).
- Press **F3** (Trace).

