

8. Scatterplots on the calculator

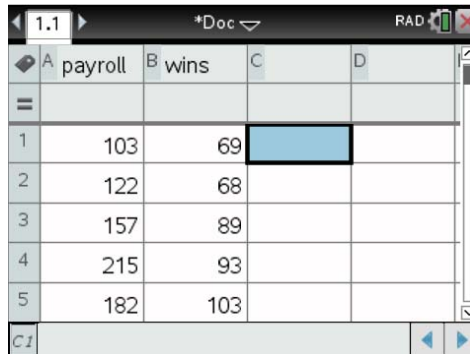
Making scatterplots with technology is much easier than constructing them by hand. We'll use the MLB data from page 155 to show how to construct a scatterplot on the TI-Nspire.

1. Insert a *New Document* by pressing **(ctrl) [N]**.
2. Insert a *Lists & Spreadsheet* page by selecting *Add Lists & Spreadsheet*.
 - Name column A **payroll** and column B **wins**.
 - Type the corresponding values into each column. The data list is given below:

Payroll	103	122	157	215	182	141	114	114	121	206
Wins	69	68	89	93	103	78	68	94	75	86

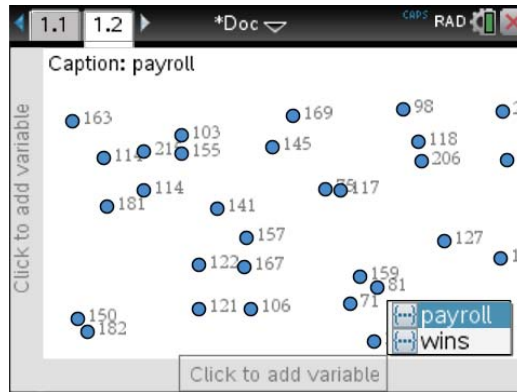
Payroll	118	145	181	274	81	75	112	150	227	98
Wins	84	81	74	91	79	73	59	87	84	69

Payroll	117	106	127	181	155	167	71	169	159	163
Wins	71	78	68	87	86	86	68	95	89	95



3. Press **(ctrl) [I]** and use the Navpad to arrow to *Add Data & Statistics*. Press **(enter)**.

- Press **(tab)** to select the “Click to add variable” for the horizontal axis. Arrow to **payroll** and press **(enter)** to select it.



- Press **(tab)** again and the box will move to the vertical axis. Select **wins**. The data will now move into a scatterplot. TI-Nspire labels the x - and y -axis with the list names, making a well-labeled graph to insert into documents.

