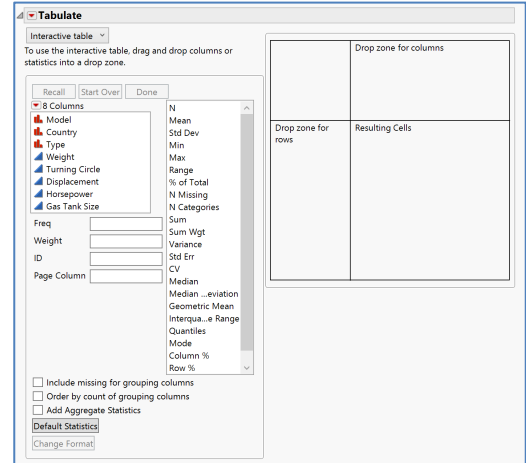# JMP

Table of Descriptive Statistics

The Tabulate platform provides a tool to interactively construct tables of descriptive statistics.

Drag and Drop to Summarize Data

Car Physical Data.jmp (Help > Sample Data Folder)

- From an open JMP® data table select **Analyze > Tabulate**.
- Drag and drop variables from the column list to the drop zone for rows and columns.
  - **Country** (below, left) is in the rows drop zone – the number of observations per country is displayed.
  - **Horsepower** (middle) is in the columns drop zone as an analysis column – the sum for horsepower is displayed for each country.
- Drag and drop one or more summary statistics from the middle panel into the results area. **Mean** and **Std Dev** are displayed for each country (below, right).

Country	N
Japan	30
Other	37
USA	49

Country	Horsepower Sum
Japan	3985
Other	4391
USA	6727

Country	Horsepower Mean	Std Dev
Japan	132.833333	50.2785917
Other	118.675676	32.4910706
USA	137.285714	36.3644744

Tips:

- Click **Undo** to reverse the last change, or use **Start Over** to clear the display.
- Click and drag variables in the table to rearrange, or right-click on a variable to delete or change the format.
- To change the numeric formats (i.e., decimal places), use **Change Format** at the bottom of the window and select the desired format.
- To add **new summary panels** to the table, drag and drop the new variable to the bottom or left of the table. Here, Type has been added to the bottom of the original table.
- To **add additional row or column variables**, drag and drop a new variable on either side of the current variable in the table. Here, Type has been added next to Country and Horsepower has been added next to Weight.
- To create a JMP data table file, click **Done**, then select **Make Into Data Table** from the **top red triangle**.

Country	Horsepower Mean	Std Dev
Japan	132.83	50.28
Other	118.68	32.49
USA	137.29	36.36
Type		
Sporty	137.56	42.86
Small	88.82	16.62
Compact	124.86	21.63
Medium	152.90	43.54
Large	139.76	26.25

Country	Type	Weight Mean	Weight Std Dev	Horsepower Mean	Horsepower Std Dev
Japan	Sporty	2690.00	444.43	129.60	36.81
	Small	2196.43	337.17	87.14	23.98
	Compact	2925.00	182.55	127.33	22.03
	Medium	3559.17	334.64	199.33	52.24
	Large	3506.25	256.66	125.25	22.20
Other	Sporty	2635.00	263.63	134.50	31.37
	Small	2243.75	141.29	87.33	12.43
	Compact	2855.00	137.86	130.50	20.49
	Medium	3159.38	248.98	143.63	34.77
	Large	3460.00	.	90.00	.
USA	Sporty	2988.64	226.15	145.91	52.44
	Small	2401.67	138.95	98.67	12.50
	Compact	2701.43	178.65	114.14	22.49
	Medium	3282.19	303.74	140.13	33.29
	Large	3724.17	301.01	148.75	21.86

Visit **Basic Analysis > Tabulate** in **JMP Help** to learn more.