

Category Plot

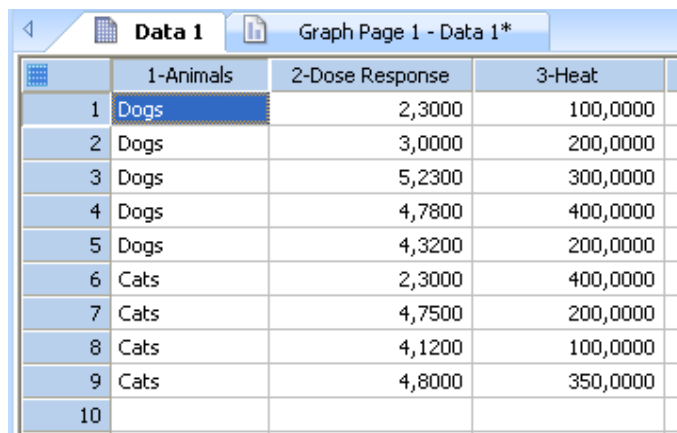
A category plot displays grouped data (scatter, line/scatter, bar graph). The data can be XY pairs, Many X, or Many Y. (For Many X or Y, the corresponding Y or X values are auto-numbered).

The group or category value for each row is in a separate category column. Each unique category (or index, of factor) value creates a separate group

Categories can be text or numeric values.

Example 1:

Text categories

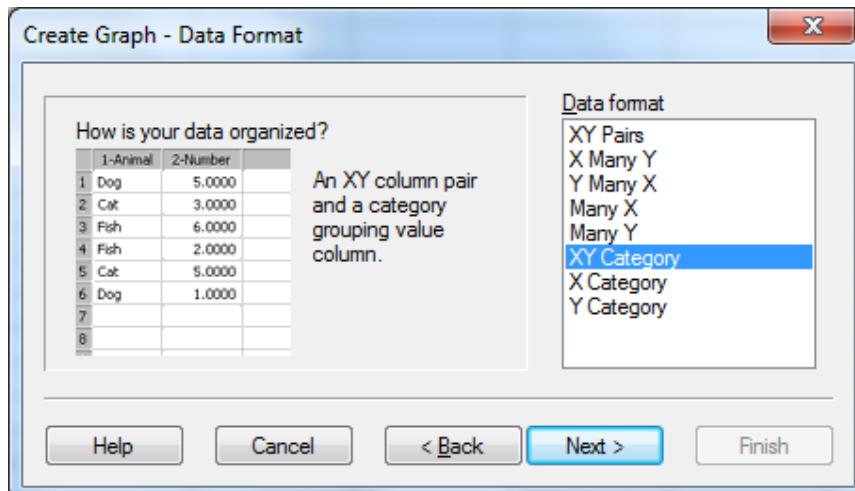


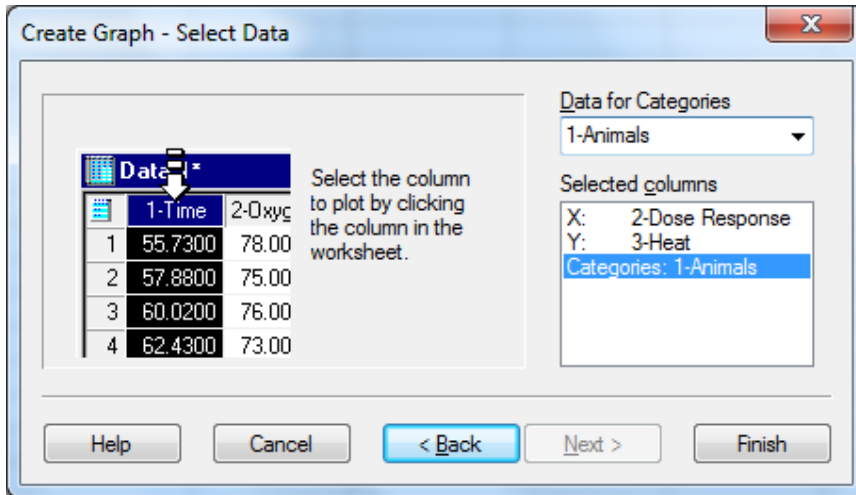
	1-Animals	2-Dose Response	3-Heat
1	Dogs	2,3000	100,0000
2	Dogs	3,0000	200,0000
3	Dogs	5,2300	300,0000
4	Dogs	4,7800	400,0000
5	Dogs	4,3200	200,0000
6	Cats	2,3000	400,0000
7	Cats	4,7500	200,0000
8	Cats	4,1200	100,0000
9	Cats	4,8000	350,0000
10			

From the Create Graph ribbon, select Graph Wizard > Scatter > Multiple Scatter.

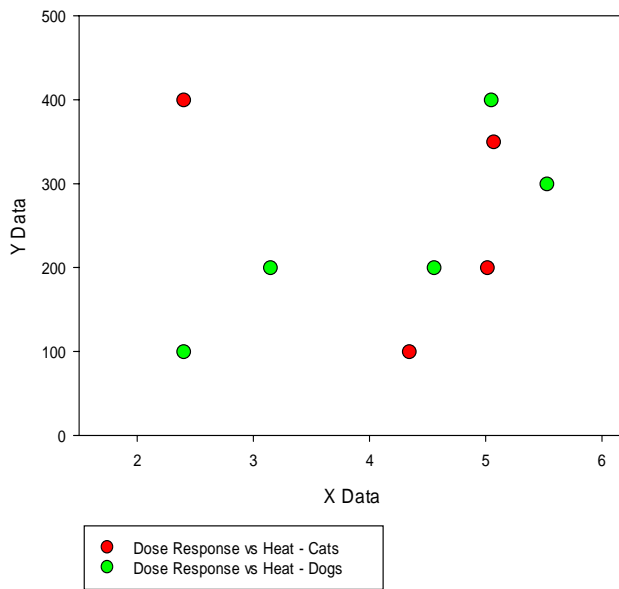
In the next two dialogs,

- (1) select XY Category, and
- (2) select the data columns.





Category Plot: Animals



Example 2:
Numeric categories

	1-HORSE	2-ACCEL	3-CYLINDER	4-symbol color	5
1	130,000	12,000	8		
2	165,000	11,500	8		
3	150,000	11,000	8		
4	150,000	12,000	8		
5	140,000	10,500	8		
6	198,000	10,000	8		
7	220,000	9,000	8		
8	215,000	8,500	8		
9	225,000	10,000	8		
10	190,000	8,500	8		
11	115,000	17,500	4		
12	165,000	11,500	8		

