Strategies

High Level Regularities (*exemplification*, *declaration*, *instrumentation*, *selection*)

Strategy legend (Strategy ID · Group · Name):

ID	Group	Name
1	Position	Reposition a few Points
2	Position	Stack Points Vertically
3	Position	Reposition Points Vertically
4	Position	Regroup a few Points
5	Position	Reposition to Target
6	Position	Retop to Target
7	Position	Reposition to Tick Mark
8	Position	Overlay Bars
9	Position	Sloping Bars
10	Position	Reposition Tallest & Shortest
11	Position	Stack two Bars
12	Position	Reposition Bars by Height
13	Size	Resize a few Points Equally
14	Size	Resize & Reposition to Axis
15	Size	Resize Point
16	Size	Select & Resize
17	Size	Resize by Values
18	Size	Cover & Resize
19	Color	Recolor one Group
20	Color	Recolor Groups
21	Color	Select & Recolor One
22	Color	Select & Recolor Group
23	Color	Recolor by Values
24	Color	Recolor a few Points
25	Position + Size	Reposition & Resize
26	Position + Size	Stack & Enclose
27	Position + Size	Reposition to Target & Resize
28	Position + Size	Resize & Move out
29	Position + Color	Reposition Inline and Recolor
30	Position + Color	Reposition by Range & Recolor
31	Position + Color	Recolor, Reposition & Recolor
32	Position + Color	Reposition to Target & Recolor
33	Position + Color	Regroup & Recolor
34	Position + Color	Recolor & Paint
35	Position + Color	Recolor & Dip
36	Size + Color	Resize a Point and Recolor
37	Size + Color	Resize & Recolor
38	Size + Color	Cover & Recolor
39	Height	Reheight Ascending
40	Height	Reheight to Target
41	Width	Enwidth
42	Height + Width	Enheight & Enwidth
43	Position + Width	Reposition & Enwidth
44	Color + width	Recolor & Enwidth
45	Color + width	Enwidth & Recolor
46	Height + Color	Enwidth & Cover
47	Height + Color	Intersect & Recolor
48	Height + Color	Recolor & Reheight

Operations matrix (cell values = number of participants; last column = Total number of strategies employed by all participants):

Operation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Total
O1: Assign a data attribute to an axis	7																								3				1	1																			12
O2: Switch from a scatterplot to a bar chart		2	5	1										3					2	1		1				1																							16
O3: Navigate the point over time in a scatterplot					5		4								5																1					1													16
O4: Adjust the value of a data point					3		1																					2				4																	10
O5: Group the two bars into one bar								9			2													3																			1						15
O6: Sort the bar chart									1	3		9											1																1										15
O7: Change the size of all data points													8			4		1													1																		14
O8: Assign a data attribute to the size of points															1	1	7																						2										11
O9: Change the color of all points																					3			5									1	2	1		2												14
O10: Assign a data attribute to the color of points																							1	8															1										10
O11: Change the color of all bars																					3		7											2	2											2			16
O12: Assign a data attribute to the color of all bars																							10																					1		1			12
O13: Navigate the point over time in a bar chart							4																																	9									14
O14: Adjust the value of a bar							2																																	9								2	13
O15: Expand the range of a bin in a histogram									3															1																	9	1	1						15