Strategies

Legend for High Level Regularities: exemplification (tan), declaration (green), instrumentation (pink/red), selection (orange)

Strategy groups by ID:
- **Position:** 1–12
- **Size:** 13–18
- **Color:** 19–24
- **Position + Size:** 25–26
- **Position + Color:** 27–35
- **Size + Color:** 36–38
- **Height:** 39–40
- **Width:** 41
- **Height + Width:** 42
- **Position + Width:** 43
- **Color + width:** 44–46
- **Height + Color:** 47–48

Strategy ID → Name:

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

Operations — values by Strategy ID, with the rightmost column = Total number of strategies employed by all participants:

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