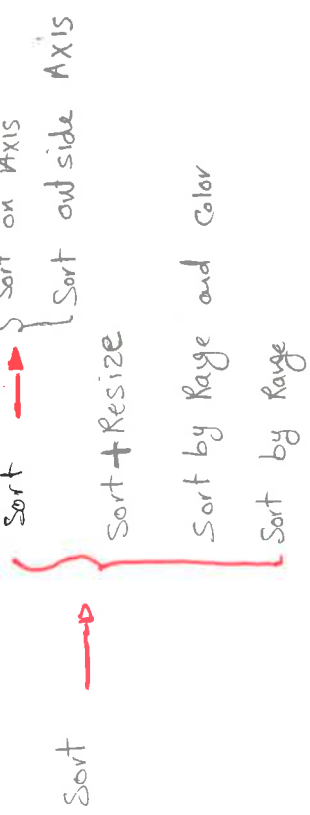


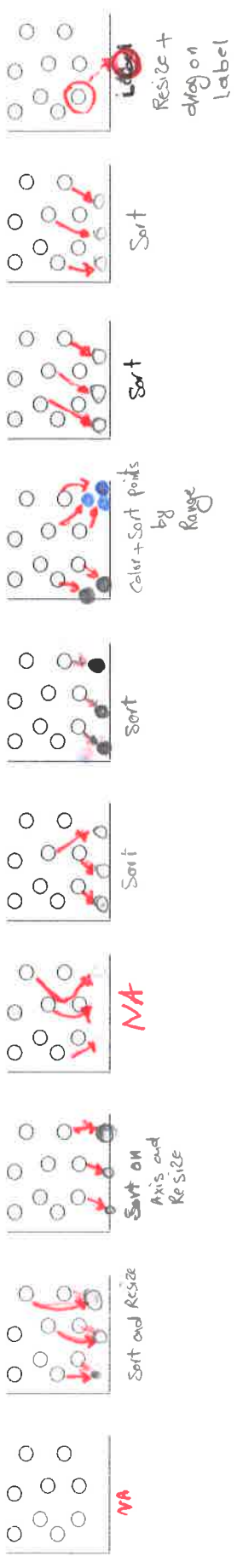
# Q-Scatter-Axis



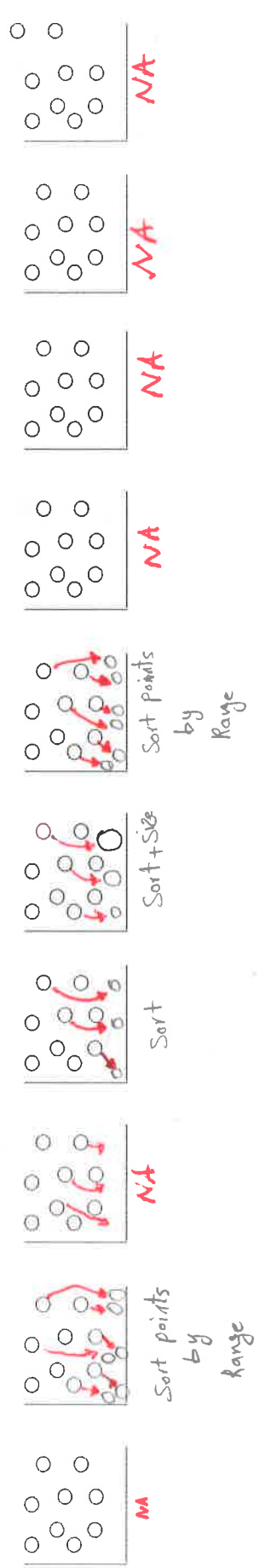
Not Sort → Resize + drag on label

P1 P2 P3 P4 P5 P6 P8 P9 P10 P13

Way 1



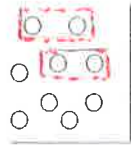


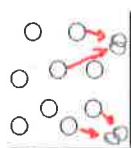


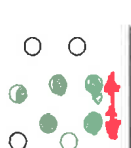

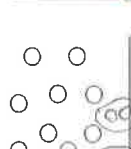
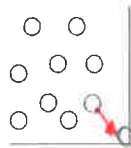
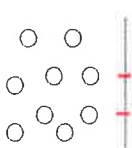
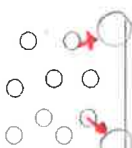
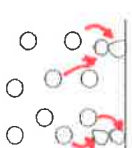
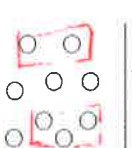
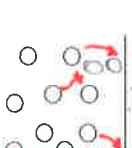
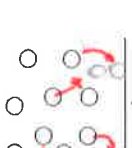
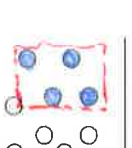
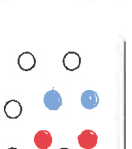
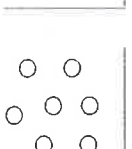
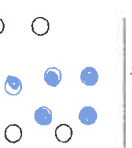
Way 2



# Scatter Switch To Bar

- ① Select groups
- ② position points vertically
- ③ position on the top
- ④ Stack data points vertically
- ⑤ drag Resize
- ⑥ Color points in the Same Range Similarly

Select + Color  
 Color + move a point to show Range  
 Color a few points in the same Range  
 Color data points in diff Ranges

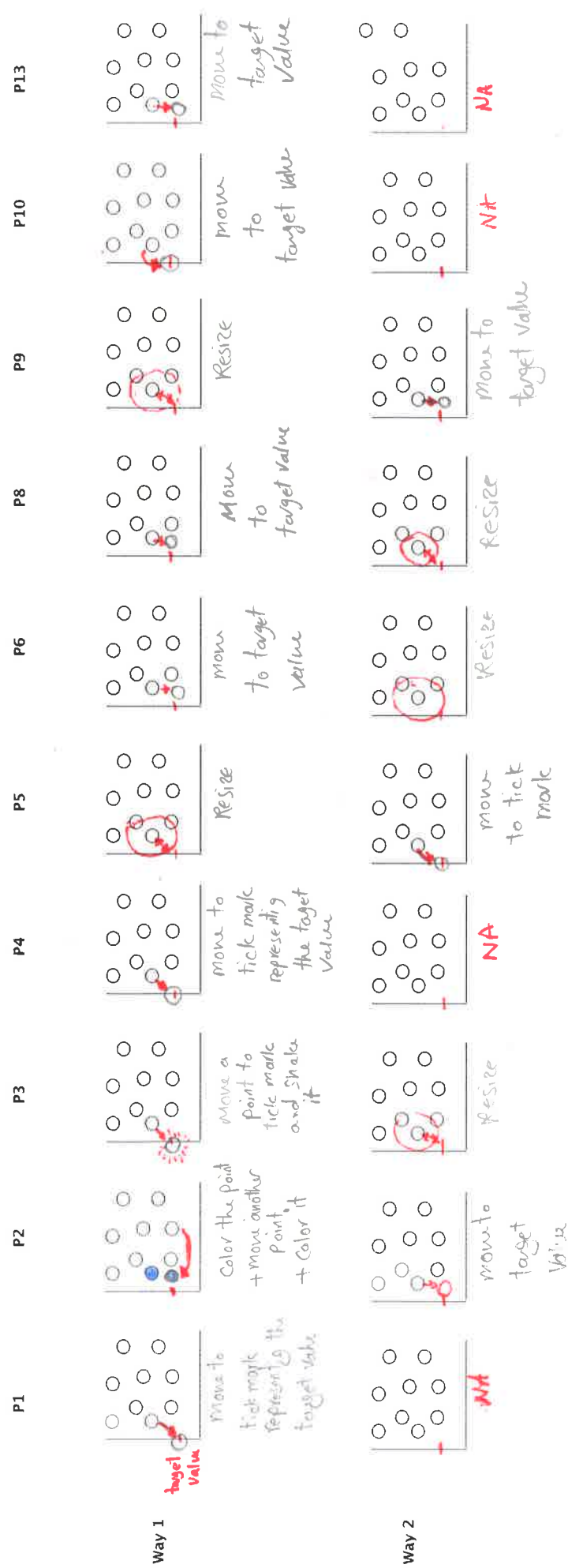
P1	P2	P3	P4	P5	P6	P8	P9	P10	P13
									
									

Way 1

Way 2

# Q-Satter\_Time Varying

- move to tick mark
- Resize the data point
- move to target Value
- Color the point + move another point to target Value and color it with the same Color



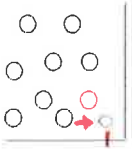
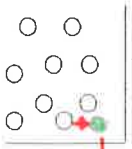
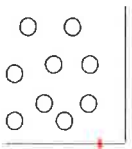
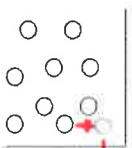
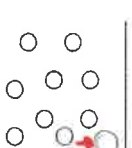
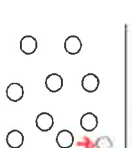
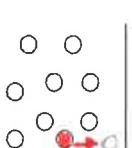
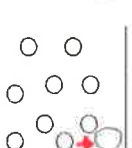
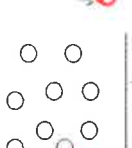
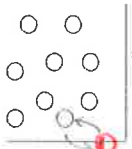
Way 1

Way 2

# Q\_Scatter - Value Adjustment

- move to target Value and Color
- move to target Value and Resize
- move to the tick mark Representing → move the point to target Value and move it back to its initial Value

Way 1  
target Value

P1	P2	P3	P4	P5	P6	P8	P9	P10	P13
									
move to target Value	move to target Value and Color	NA	move to target Value	Resize + move to target Value	move to target Value	Color Red + move to target Value + color white	Resize + move to target Value	move to the tick mark Representing target Value	move the point to target value and move it back to initial position
NA	NA	NA	NA	move to target Value and Color	NA	NA	NA	NA	NA

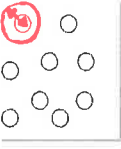
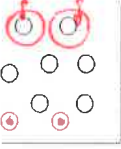
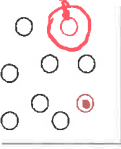

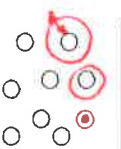

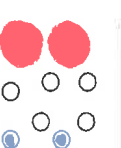


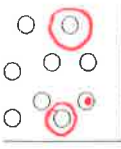
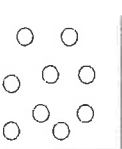

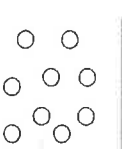
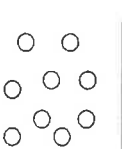
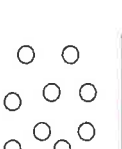
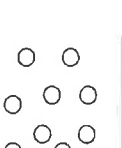
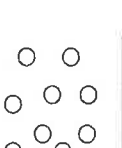
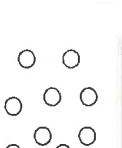
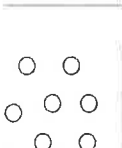
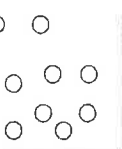
Way 2

- ① Select All + Resize one point
- ② Resize a few data points
- ③ Resize a point and drag it out of the visualization
- ④ make one point big and a few points close to the big point
- ⑤ make one point big and resize one of the points in the big circle

	P1	P2	P3	P4	P5	P6	P8	P9	P10	P13	
Way 1											
	Select All + Resize one point	Resize a few points	Resize a few points	Select All + Resize one point	Resize a few points	Resize a few points	Resize a few points		Resize a few points	Resize a few points	Resize a few points
Way 2											
	Select + Resize one point	Select All + Resize one point	NA	NA	Resize a point and drag it out of the vis	make one point big and move a few points closer to the big point	make one point really big and Resize one of the points in the big circle				

# Q - Scatter - Size to Attr

- ① Resize a few data points based on their value
- ② Resize a data point
- ③ Resize 'the points with highest and lowest values'
- ④ Resize the data points based on their values and color them
- ⑤ Select sets and resize them

	P1	P2	P3	P4	P5	P6	P8	P9	P10	P13
Way 1										
	Resize a data point	Changing the size of the points based on their value	Make the point with highest value big and point with smallest value small	Select multiple subset and resize them based on their value	Resize a few points based on their value	Resize a few points based on their value	Resize data points based on their value and color them	Resize a few data points based on their value	Resizing data points based on their value	Resize data points based on their value
Way 2										
	NA	Resize data points based on their value and color them	NA	NA	NA	NA	NA	NA	NA	NA

# Q\_Scatter - Color All

15 Color a data point and drag other data points on the top of it

1 Change color of few points

2 Select All + change color of one point

3 change color of one point drag it on the top of other points

4 make one point big to cover other points and then Color it

P1

P2

P3

P4

P5

P6

P8

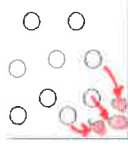
P9

P10

P13



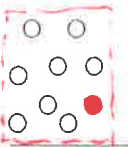
Change color of one point and drag it on top of other points



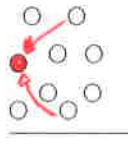
move a few points closer



Select All + Color one point



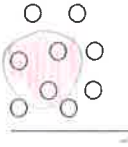
Select All + Color one point



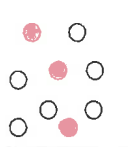
Color one point and move other points on the top of it



Make one point really big and Color it



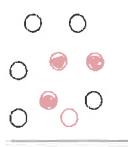
Make a point big and color it



Color a few points red



Color a few points red

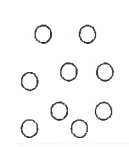


Color a few points red

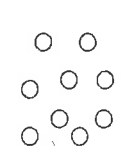
Way 1



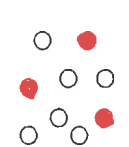
Select + color one



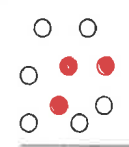
NA



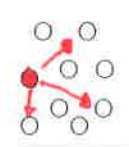
NA



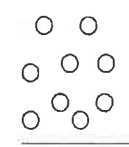
Color a few points red



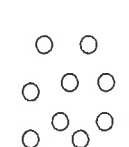
Color a few points



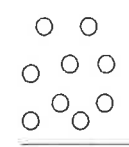
Color a data point and drag it on other points



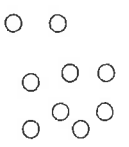
NA



NA



NA



NA

Way 2



# Q. Scatter - Color To Attr

- Color the points with the same value similarly
- Color points with diff values differently
- Select diff sets of data points and color them similarly
- Make one point big enough to cover a few data points then color it

	P1	P2	P3	P4	P5	P6	P8	P9	P10	P13
Way 1										
Way 2										



# Q - Bar - Grouping

① Drag one bar on the top of another

② Stack two bars

③ Color the bars Same

④ Drag two bars close and increase width of the bars

P1

P2

P3

P4

P5

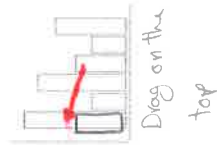
P6

P8

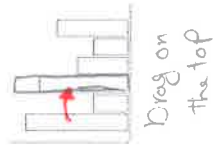
P9

P10

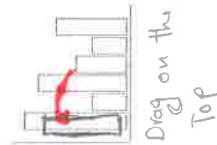
P13



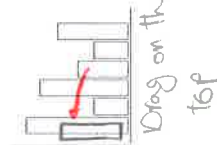
Drag on the top



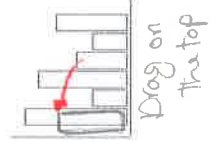
Drag on the top



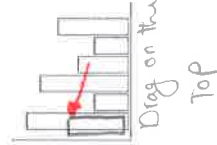
Drag on the Top



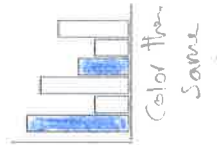
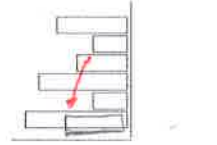
Drag on the top



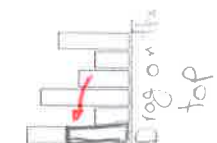
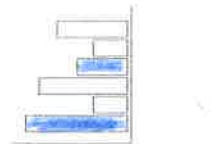
Drag on the top



Drag on the Top



Color them Same

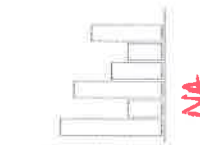


Drag on the top

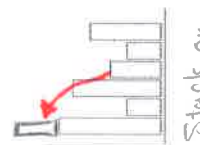
Way 1



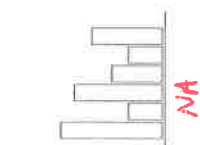
NA



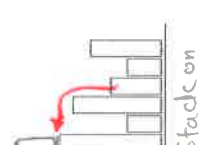
NA



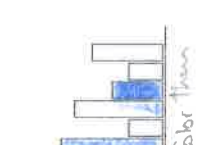
Stack on the top



NA



Stack on the top



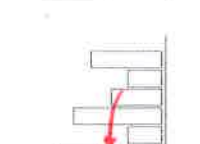
Color them Same



NA



Drag two bars close and increase width of one of the bars

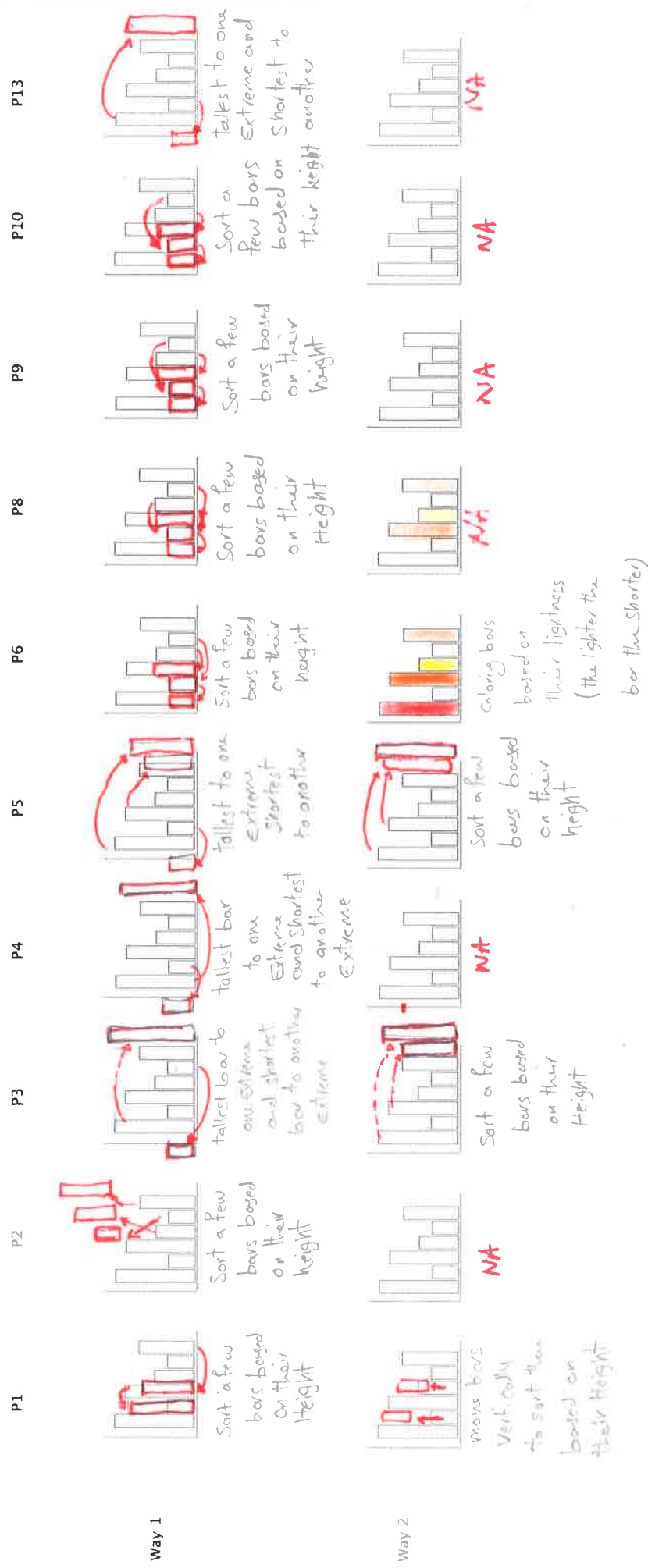


Color them Same

Way 2

# Q-Bar - Sort

- ① Sort a few bars based on their Height
- ② Drag tallest bar to one extreme and shortest to another
- ③ move bars vertically to sort them based on their height
- ④ coloring bars using lightness (the lighter the bar the lighter)
- ⑤



Way 1

Way 2

# Q-Bar\_Color All

① Color a few bars

② Select All bars and Color one red

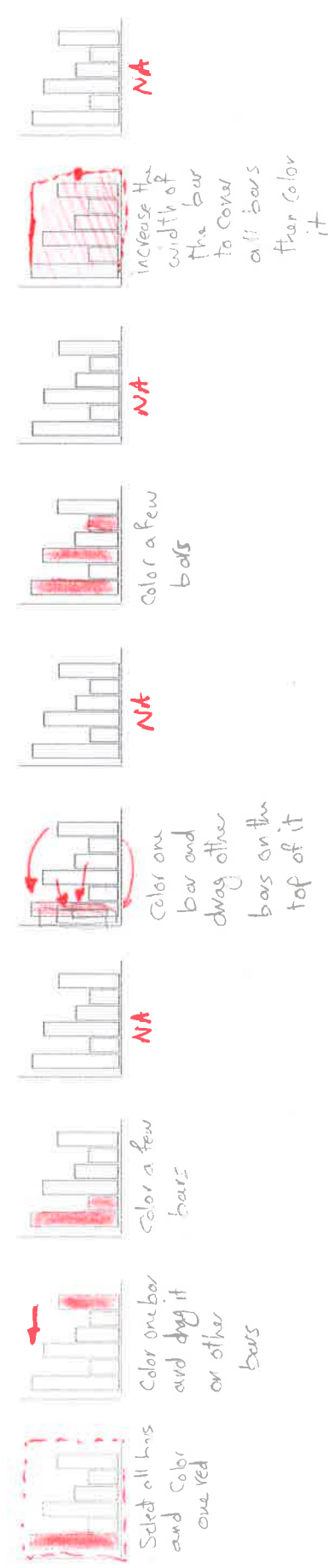
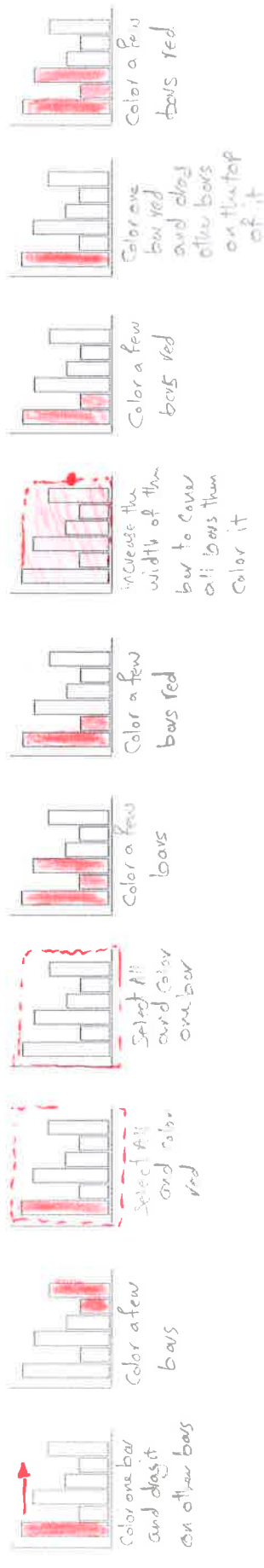
③ Color one bar red and drag it on other bars

④ Color one bar red and drag other bars on it

⑤ Increase the width of a bar so it covers all the bars and then Color it red

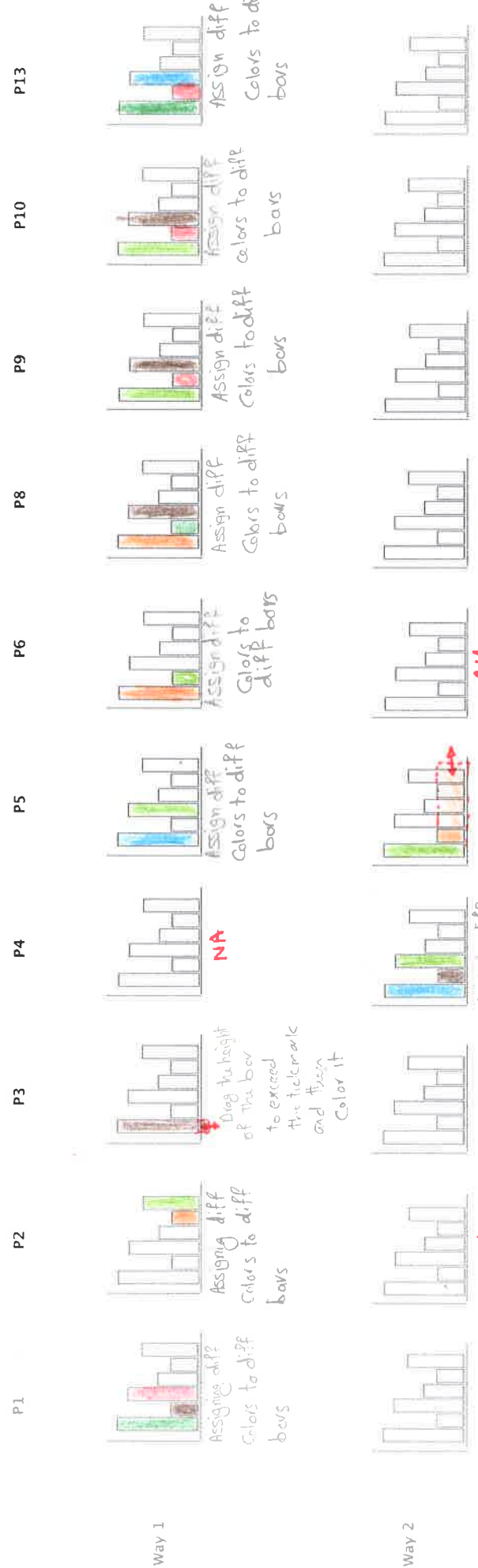
They are basically  
Creating a selection feature

P1 P2 P3 P4 P5 P6 P8 P9 P10 P13



# Q\_Bar-Color To Attr

- 1 Assign diff colors to diff bars
- 2 Drag the height of the bar to exceed the tick mark and then color it
- 3 Color two bars and then increase the width of one of the bars to cover all the other bars

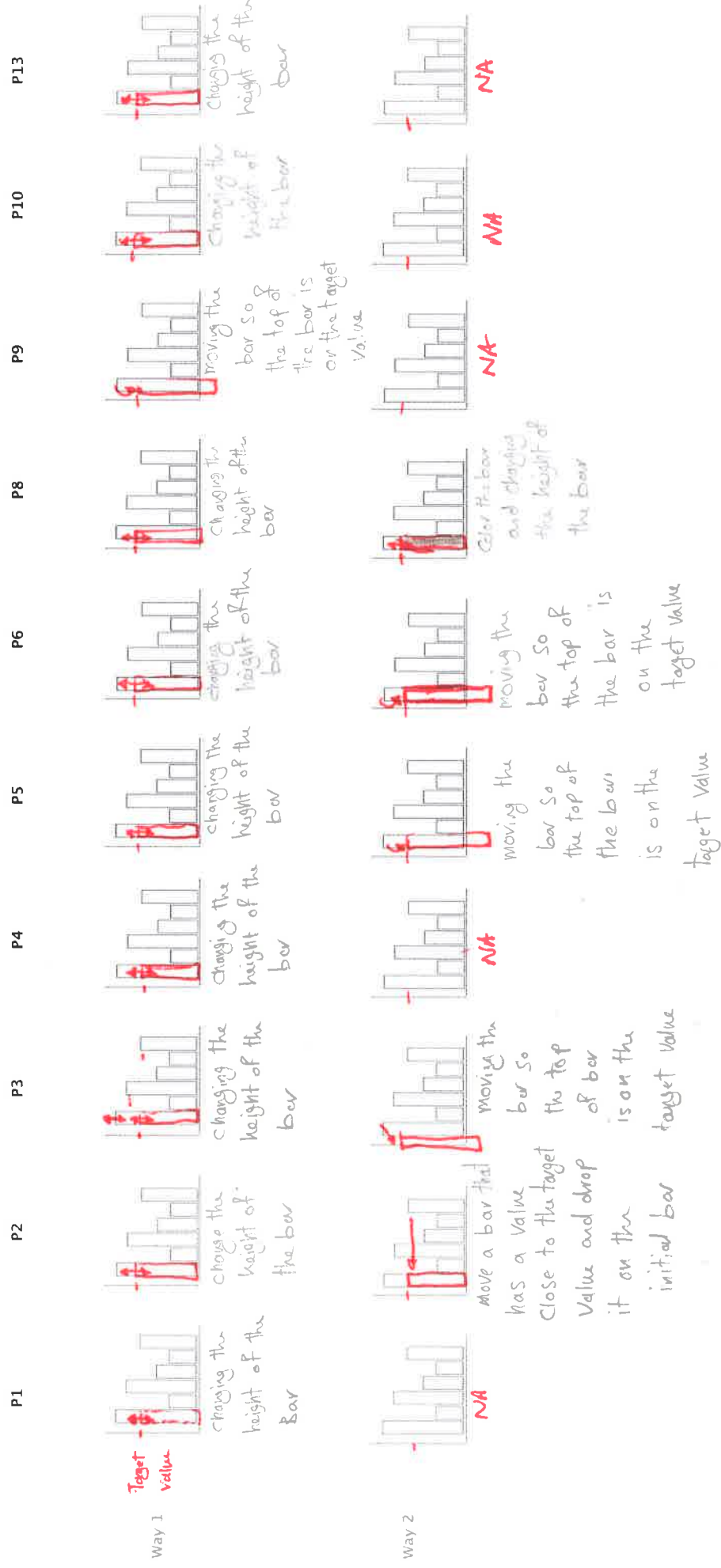


Color two bars then increase the width of one of the bars to cover all the other bars

Way 1  
Way 2

# Q - Bar - Time Varying

- ① changing the height of the bar
- ② moving the bar so the top of the bar is on the target value
- ③ move a bar that has a value close to target value on the top of initial bar
- ④ Color the bar and change the height of the bar to target value

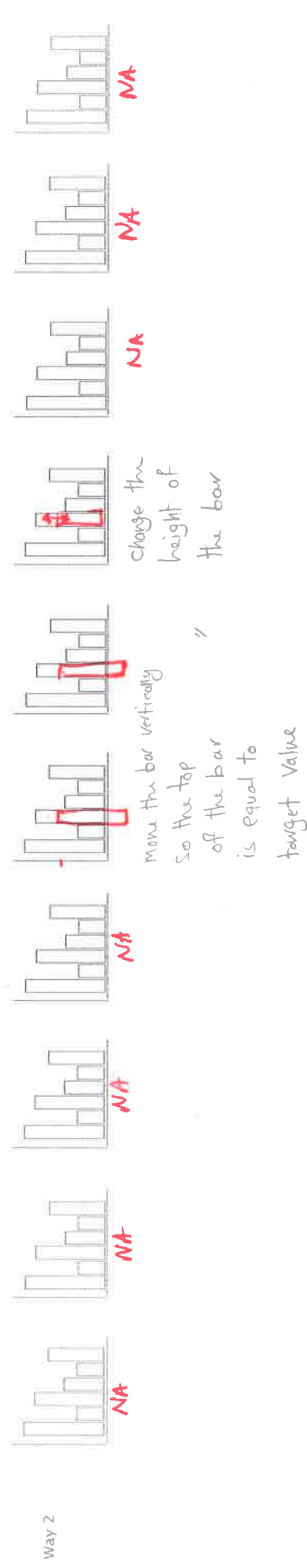
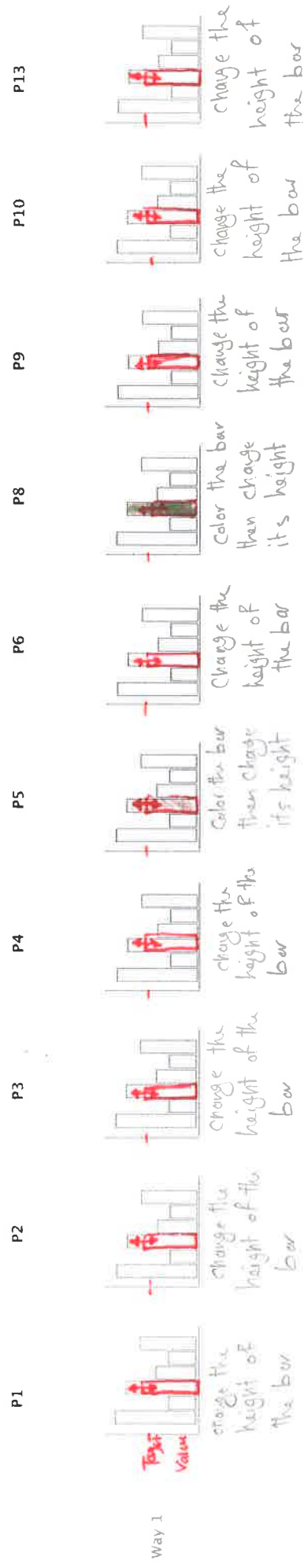


# Q- Bar-Value Adjustment

① change the height of the bar to the target value

② move the bar vertically so the top of the bar is equal to the target value

③ Color the bar and change the height of the bar to target value

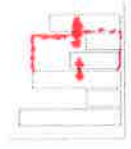



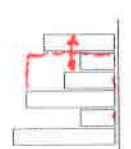

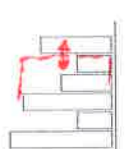
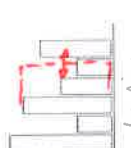
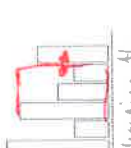






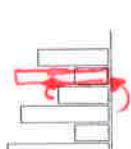
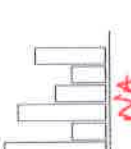
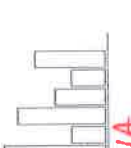
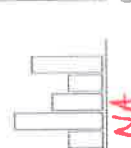



① changing the width

② Dragging the bars on the top of each other

③ Color the bars Same

④ Increase the height to below the x axis then decrease the width

	P1	P2	P3	P4	P5	P6	P8	P9	P10	P13
Way 1										
	Changing the width	changing the width	changing the width	Dragging the bars on the top of each other	changing the width	changing the width	changing the width	changing the width	changing the width	changing the width
Way 2										
	NA	Color them Same	Bring the height below the x axis then increase the width	NA	Dragging the bars on the top of each other	Dragging the bars on the top of each other	NA	NA	NA	Dragging the bars on the top of each other