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- ????? (????)

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- □□□

```
[{
  x: 'Oceania',
  low: 1,
  q1: 9,
  median: 16,
  q3: 22,
  high: 24
}, {
  x: 'East Europe',
  low: 1,
  q1: 5,
  median: 8,
  q3: 12,
  high: 16
}, {
  x: 'Australia',
  low: 1,
  q1: 8,
  median: 12,
  q3: 19,
```

```
  high: 26
}, {
  x: 'South America',
  low: 2,
  q1: 8,
  median: 12,
  q3: 21,
  high: 28
}, {
  x: 'North Africa',
  low: 1,
  q1: 8,
  median: 14,
  q3: 18,
  high: 24
}, {
  x: 'North America',
  low: 3,
  q1: 10,
  median: 17,
  q3: 28,
  high: 30
}, {
  x: 'West Europe',
  low: 1,
  q1: 7,
  median: 10,
  q3: 17,
  high: 22
}, {
  x: 'West Africa',
  low: 1,
  q1: 6,
  median: 8,
  q3: 13,
  high: 16
}]
```

- □□

```
40,40,80,60
```

- ?????? Transform

????? map ?

??	???
??	????

????	function callback(obj) {
	obj.range = [obj.low, obj.q1, obj.median, obj.q3, obj.high];
	return obj;}

- ? Geom

K??? schema ?

??	???
??	x*range
??	K??
??	box
?? - ??	#545454

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- □□□

```
[{
  low: 1,
  q1: 9,
  median: 16,
  q3: 22,
  high: 24
}]
```

- □□

```
40, 40, 60
```

- ?????? Transform

????? map ?

??	???
??	????

????	function callback(obj) {
	obj.range = [obj.low, obj.q1, obj.median, obj.q3, obj.high];
	return obj;
	}

- ? Geom

K??? schema ?

??	???
??	range*1
??	K??
??	box
?? - ??	#545454

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- □□□

```
[{
  x: 'Oceania',
  low: 1,
  q1: 9,
  median: 16,
  q3: 22,
  high: 24
}, {
  x: 'East Europe',
  low: 1,
  q1: 5,
  median: 8,
  q3: 12,
  high: 16
}, {
  x: 'Australia',
  low: 1,
  q1: 8,
  median: 12,
  q3: 19,
  high: 26
}, {
  x: 'South America',
```

```
  low: 2,
  q1: 8,
  median: 12,
  q3: 21,
  high: 28
}, {
  x: 'North Africa',
  low: 1,
  q1: 8,
  median: 14,
  q3: 18,
  high: 24
}, {
  x: 'North America',
  low: 3,
  q1: 10,
  median: 17,
  q3: 28,
  high: 30
}, {
  x: 'West Europe',
  low: 1,
  q1: 7,
  median: 10,
  q3: 17,
  high: 22
}, {
  x: 'West Africa',
  low: 1,
  q1: 6,
  median: 8,
  q3: 13,
  high: 16
}]
```

- □□

```
50, 50, 100
```

- ?????? Transform

?????map?

??	???
??	????

????	function callback(obj) {
	obj.range = [obj.low, obj.q1, obj.median, obj.q3, obj.high];
	return obj;}

- ??? Scale

range? Y? ?

??	???
??	range
??	linear
??????	??
???	35

- ? Geom

K??? schema ?

??	???
??	x*range
??	K??
????	x

??	box
??	60

- ?? Legend

??	???
??	??
??	x
??	?
??	??
????	??

- ??? Coord

??	???
??	????
?????	0.4

□□□□□ (□□□□)

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- □□□

```
[{
  x: '□□ A',
  low: 20000,
  q1: 26000,
  median: 27000,
  q3: 32000,
  high: 38000,
  outliers: [50000, 52000]
}, {
  x: '□□ B',
  low: 40000,
  q1: 49000,
  median: 62000,
  q3: 73000,
  high: 88000,
  outliers: [32000, 29000, 106000]
}, {
  x: '□□ C',
  low: 52000,
  q1: 59000,
  median: 65000,
  q3: 74000,
  high: 83000,
```

outliers: [91000]
}, {
x: '□□ D',
low: 58000,
q1: 96000,
median: 130000,
q3: 170000,
high: 200000,
outliers: [42000, 210000, 215000]
}, {
x: '□□ E',
low: 24000,
q1: 28000,
median: 32000,
q3: 38000,
high: 42000,
outliers: [48000]
}, {
x: '□□ F',
low: 47000,
q1: 56000,
median: 69000,
q3: 85000,
high: 100000,
outliers: [110000, 115000, 32000]
}, {
x: '□□ G',
low: 64000,
q1: 74000,
median: 83000,
q3: 93000,
high: 100000,
outliers: [110000]
}, {
x: '□□ H',
low: 67000,
q1: 72000,
median: 84000,
q3: 95000,
high: 110000,

```
  outliers: [57000, 54000]
}]
```

- □□

```
40, 40, 60, 60
```

- ?????? Transform

????? map ?

??	???
??	????

????	function callback(obj) {
	obj.range = [obj.low, obj.q1, obj.median, obj.q3, obj.high];
	return obj;}

- □□□ Scale

range? Y? ?

??	???
??	range
??	linear
??????	??
???	0
???	250000

outliers? Y? ?

??	???
??	outliers

??	linear
??????	??
???	0
???	250000

- ??? Axis

outliers? Y? ?

??	???
??	??
??	outliers

- □ Geom

K??? schema ?

??	???
??	x*range
??	K??
??	box

??? point ?

??	???
??	x*outliers
??	??
??	circle
??	3