Errors

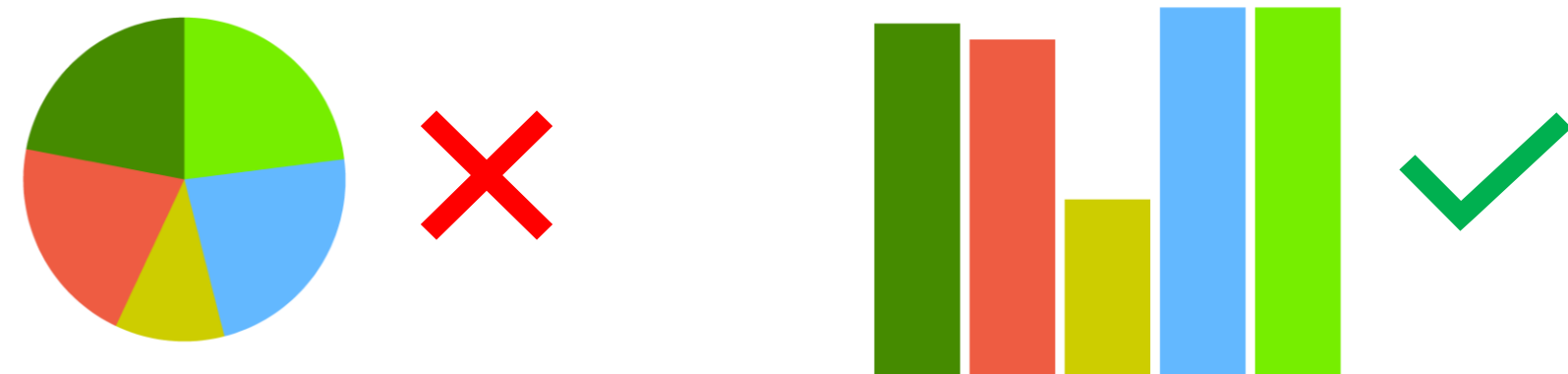## In Pie Charts And Its Variations

errors in *PIE CHARTS*

Too Much Data

- Pie charts should focus on showing proportions, not precise data
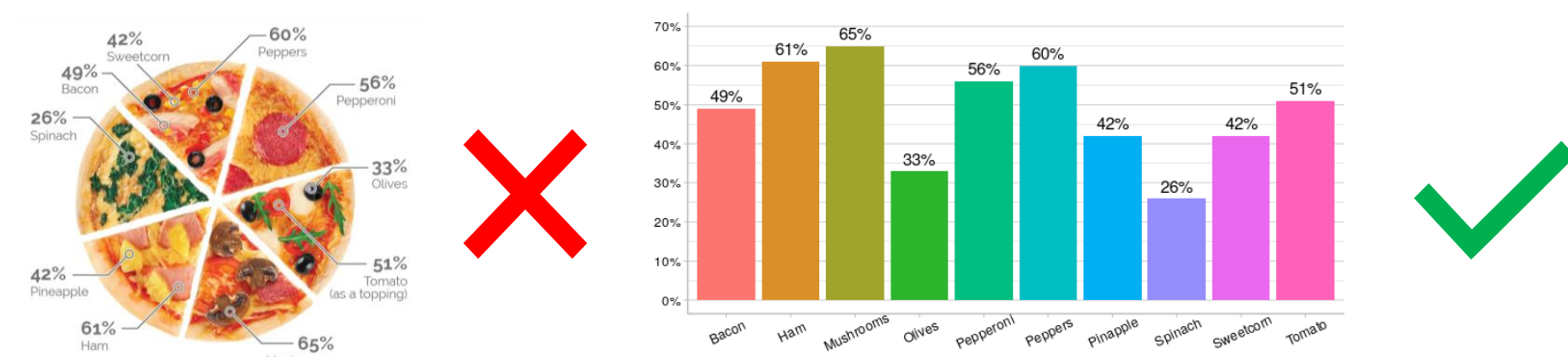- Having too much data can impair the readability of the graph

Too Similar Data

- Use pie charts to emphasize the relation, not blur it
- Comparing angles is hard, especially when they're very similar
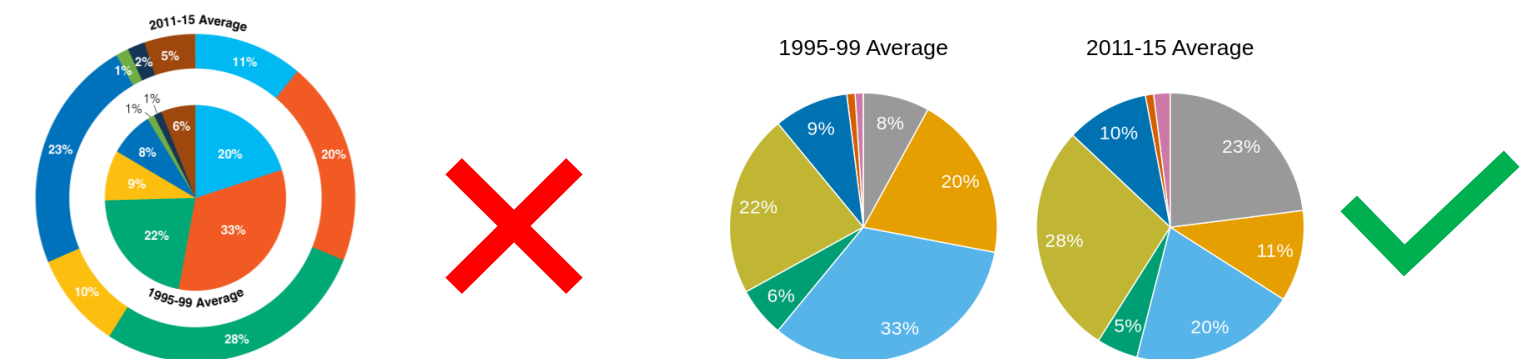

Percentages not equal 100%

- Pie chart shows how certain data is divided into groups
- Slices shouldn't be dependent on each other

errors in *VARIATIONS*

Donuts

- It is hard to compare bows and pizza slices
- Even two rings can make a diagram look cramped

3D Pie Charts

- Tha angles in 3D pie charts are deformed
- Pizza slices in front seem bigger because of the side of a chart

Multi-layered Pie Charts

- Overlapping parts can distort the proprtions
- Layers make it hard to read

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