Good Graphics Checklist

First graph

Bananas

I find it challenging to get a clear understanding of each year from this graph.

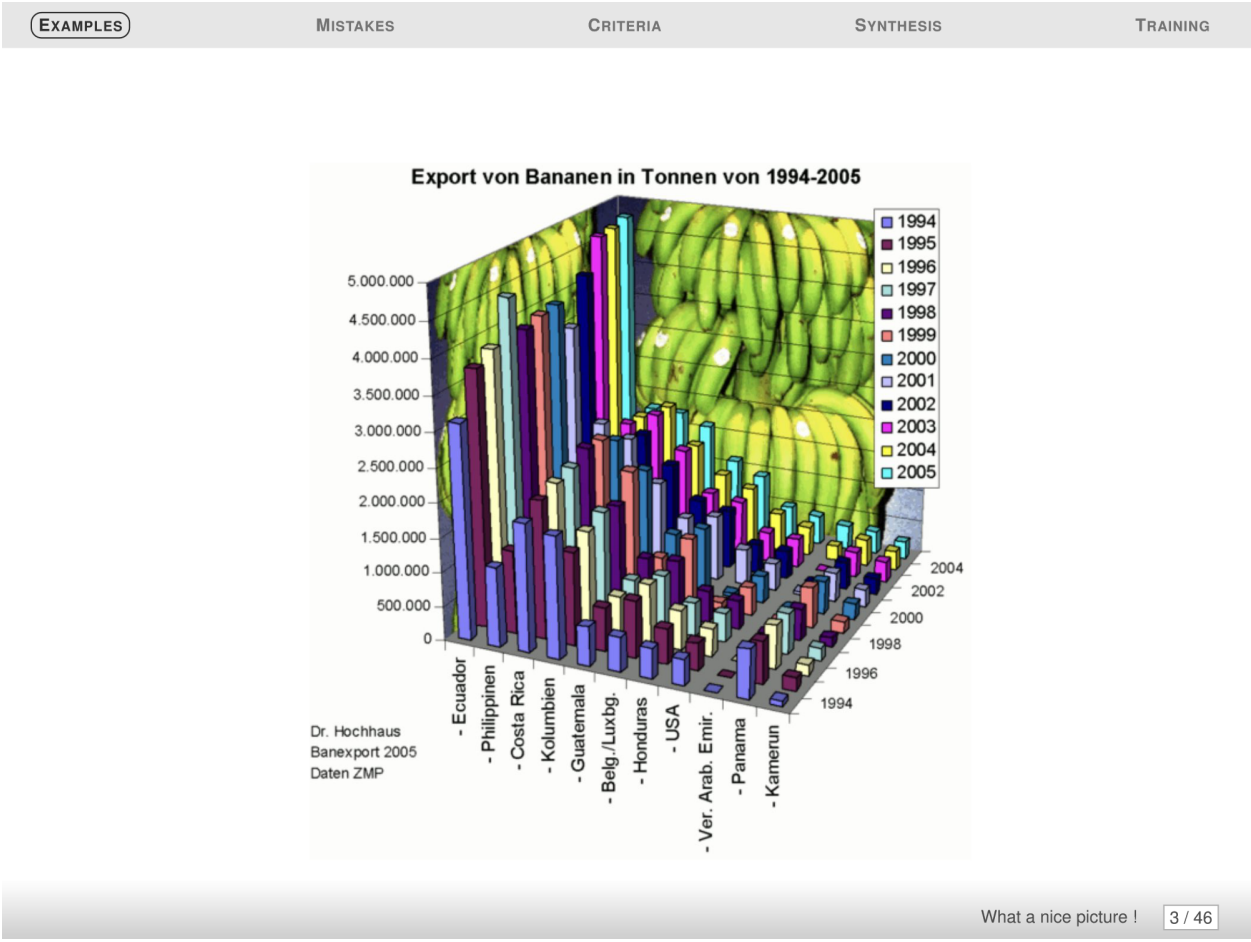

Figure 1: Bananas

Data

- ☐ Type of graphic adapted
- ☐ Interpolation make sense
- ☒ Sufficient number of points
- ☐ Building method clear
- ☐ Confidence intervals visualized
- ☐ Appropriate steps for histograms
- ☐ Histograms visualize probabilities

Graphical objects

☐ Graphical objects are readable on any support
☐ Standard color range
☐ Axis identified and labelled
☒ Scales units are explicit
☐ No ambiguity when curves cross
☐ Grid helps reading

Annotation

☐ Axis are labelled by quantities
☐ Labels of the axis are clear, and self contained
☐ Units are indicated on the axis
☐ Axes are oriented from bottom-left to top-right
☐ Origin should be (0,0), if not it should be clearly justified
☒ No Hole on the axes
☒ the order's of graph/histogram bar is based on classical ordering
☒ Curves and Bar has legend

Information

☒ Curves on the same scale
☒ Less than 6 curves
☒ Compare curves on same graphics
☐ A curve cannot be removed without reducing infos
☒ The graphic gives relevant infos
☐ If showing average, don't forget the error bars
☐ It is not possible to remove object without altering readability

Context

☒ All symbols used are defined and references
☐ The graphics is the most appropriate representation for the data
☒ The graphic has a title
☒ The title is meaningful and self contained
☐ The graphic is referenced in text
☐ The text comment the figure

Second graph

Death

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☐ Histograms visualize probabilities

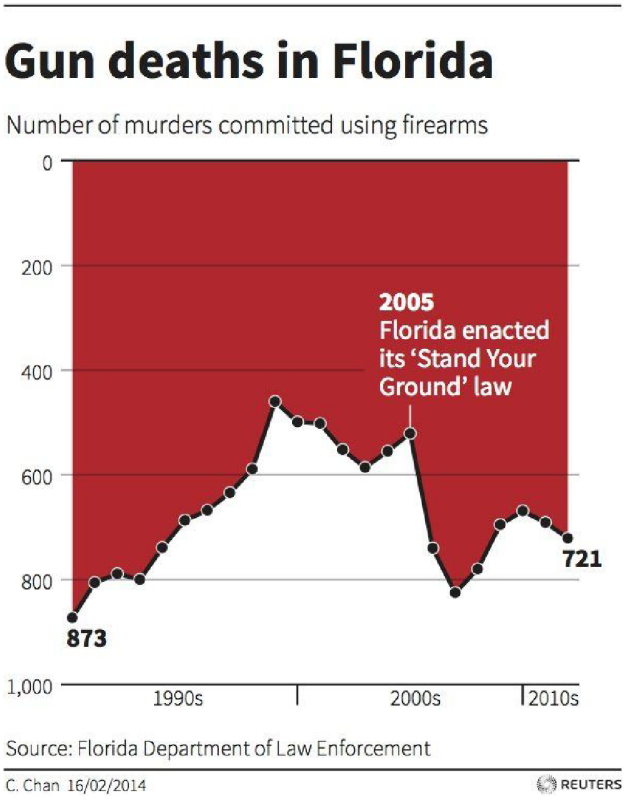

Figure 2: Death

Graphical objects

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Third graph

COVID-19

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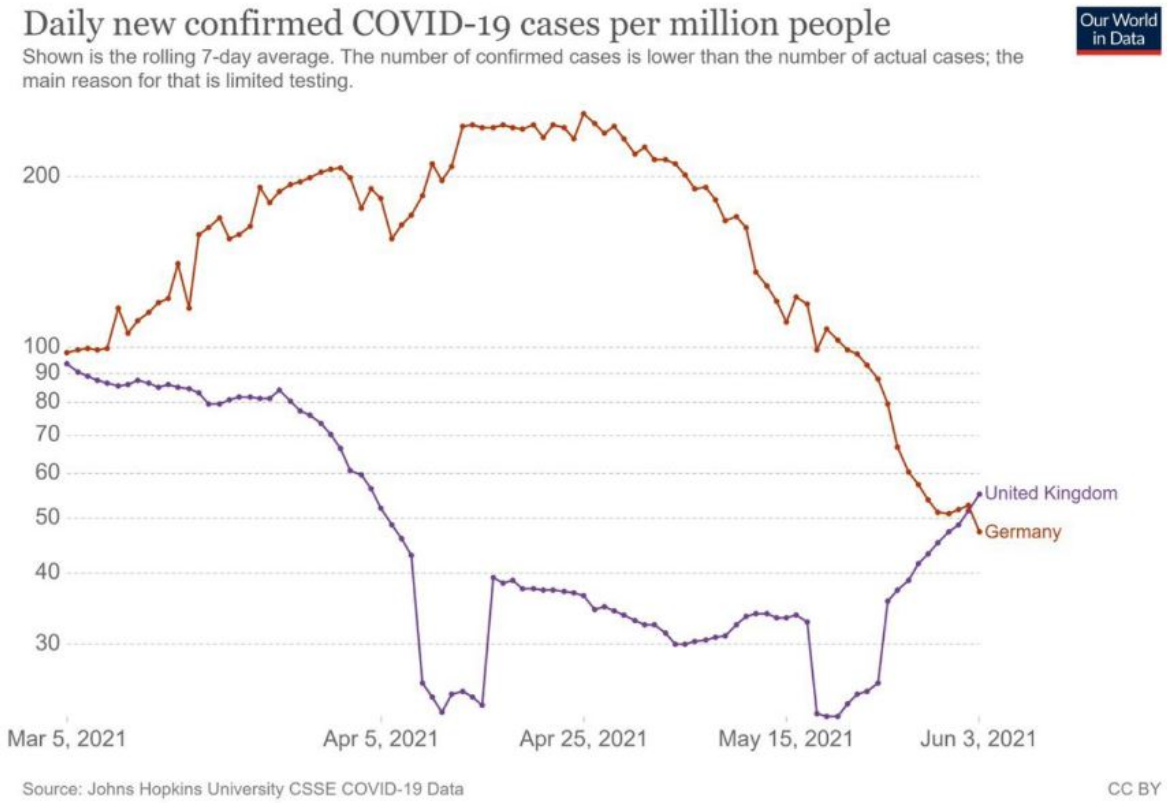

Figure 3: COVID-19

Graphical objects

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