Criticizing figures of Jean Marc's slides

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The checklist for good graphics was used to evaluate all the following graphics, each image has an evaluation section according to that document.

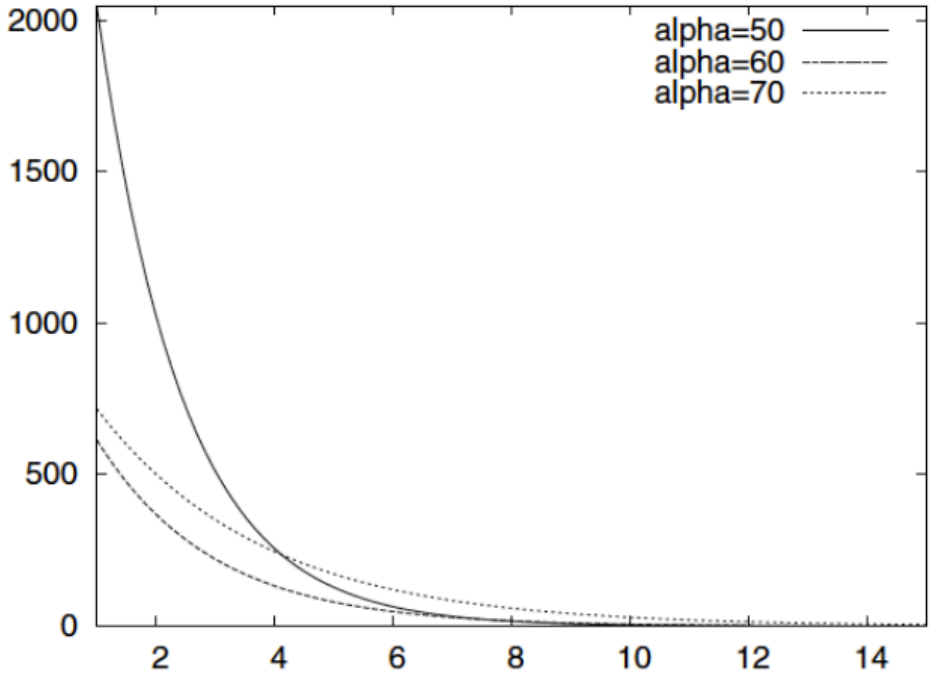


Figure 1. Temperature cooling scheme for different α values

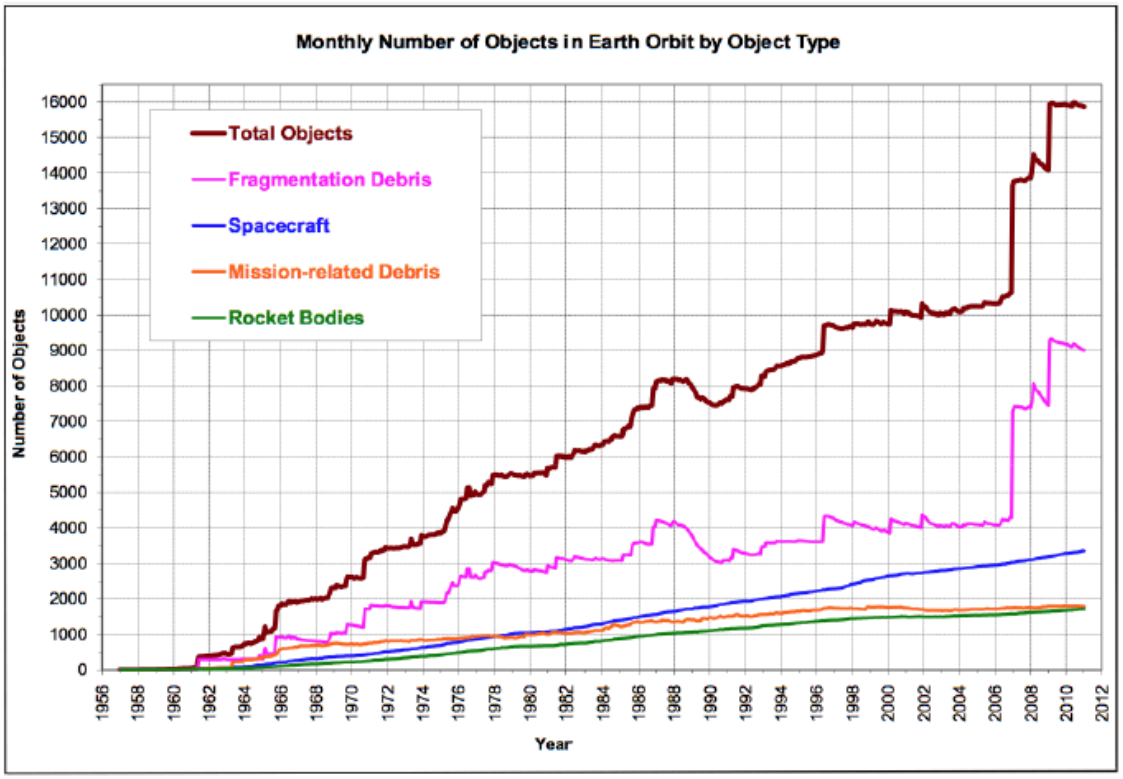
Data: The data seems to be decently presentes, however, it doesn't show the confidence intervals, also it doesn't make clear the applied method to build the curve.

Graphical objects: Image is readable and copes with standard graphical range, however, axes are not labeled and units of the scale are not visible.

Annotations: There are no labels for the axes, there is no information about the units of the scale. The rest of the boxes were checked.

Information: It seems that the authors are displaying the necessary information in the graph, scale seems to be the same for the 3 curves and is presents an understandable comparison between the curves.

Context: Not all the symbols are properly described, such as alpha, the title helps to understand that Y axis is temperature, but X axis is ambiguous. The figure does not contain a description, so it's hard to guess what are the temperature units used, the units of x axis and what alpha is.



Monthly Number of Cataloged Objects in Earth Orbit by Object Type: This chart displays a summary of all objects in Earth orbit officially cataloged by the U.S. Space Surveillance Network. "Fragmentation debris" includes satellite breakup debris and anomalous event debris, while "mission-related debris" includes all objects dispensed, separated, or released as part of the planned mission.

Data: overall, data seems to be well presented, the graph representation is (in my opinion) understandable. Nevertheless, it is truth that confidence intervals are not shown.

Graphical objects: Image is nice, curves are distinguishable, axes are labeled and with titles which helps to easily read the graph.

Annotations: Labels of axes are explicit enough, the curves are properly labeled and it has a grid for a better graph reading.

Information: The scale seems constant in both axes, the number of curves that appear is high but remains understandable and under the suggested value in the evaluation checklist. Also, it seems that the authors are showing only relevant information, however it is probably too much data for the X axis, one could remove the some years at the beginning and probably make the scale bigger.

Context: The graph has a description, title, and axes labels that help to read it with ease, and the graph itself shows to be intuitively interpretable.

Data: The curve seems to be adapted to the type of data, but it's not clear. The curve building method is not described, there are no confidence intervals.

Graphical objects: The graph uses a non standard color palette that makes the reading complicated or uncomfortable. Axes are not properly labeled and the scale makes the graph ambiguous.

Annotations: There are no labels on the axes or the units used for each axis, this makes the interpretation of the graph more complicated.

Information: the graph seems to be an illustration of how natural catastrophes have increased over the years, if that's the case, the presented information is necessary and removing any other object could make the graph even more hard to read. Nevertheless, it requires proper labeling to provide more clarity and easily understandable information to the reader.

Context: the title helps to figure out what axis belong to the number of catastrophes and which one to the years, however, there is no description of the graph, and scale is not hephul to visualize the data.