

A decorative graphic on the left side of the slide consisting of a cluster of white hexagons with thin grey outlines. One hexagon in the upper-middle section of the cluster is filled with a solid orange color.

Unleashing Potential of Graphs for Oncology Trials

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A picture is worth a thousand words

Graphs for Analysis of Clinical Data

Analysis & interpretation of complex clinical data.

Speed-of Interpretation

Customization of graph vis-a-vis Translation of message

Data visualization during regulatory submissions

Graphs In Oncology Trials

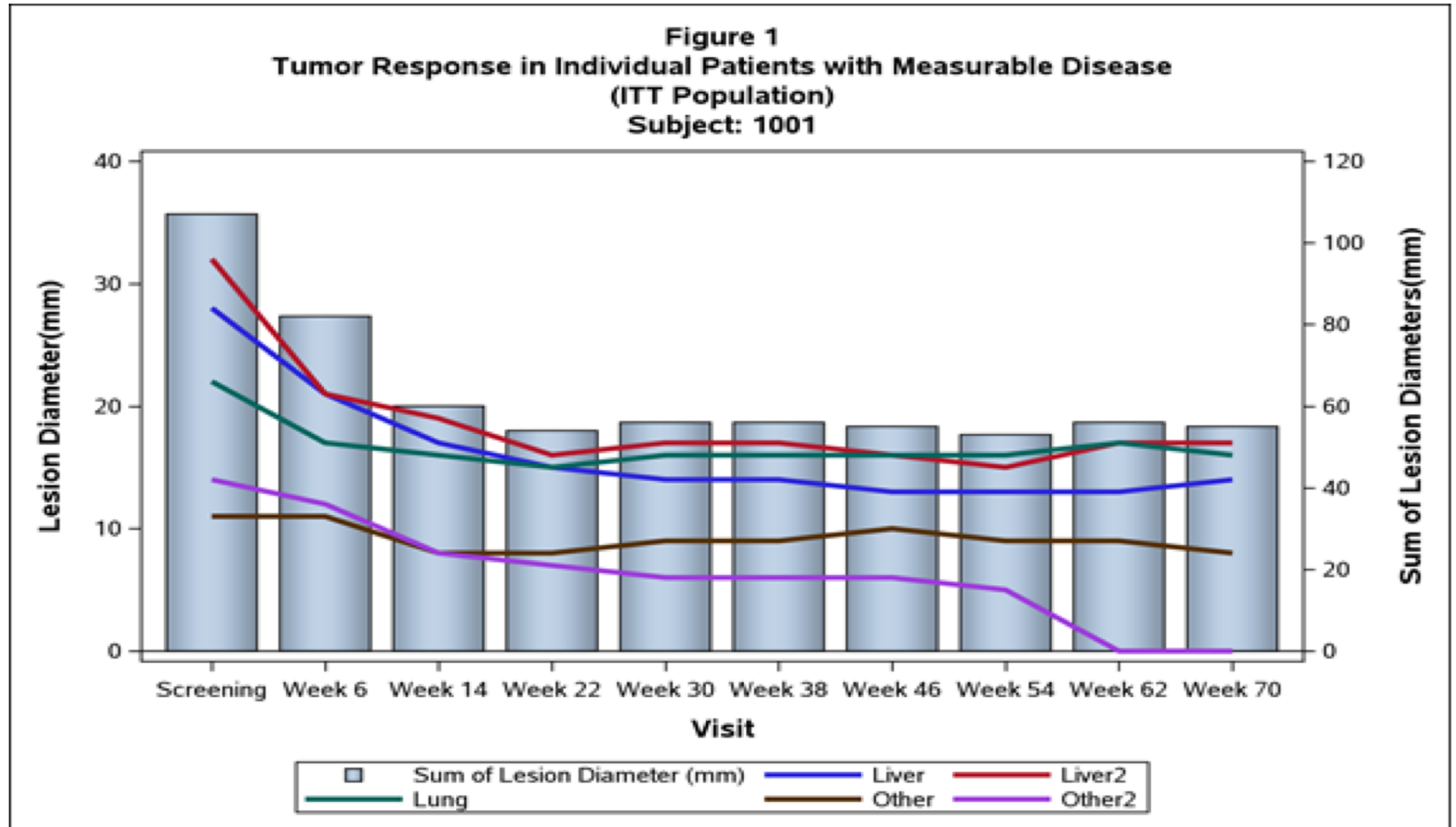
- Concise, precise analysis of Oncology data
- Detection of potential safety/efficacy endpoint signals

Graphs used in oncology trials:

- Bar Graph
- Waterfall Plot
- Swimmer Plot
- Spider Plot
- Kaplan-Meier plot
- Forest plot

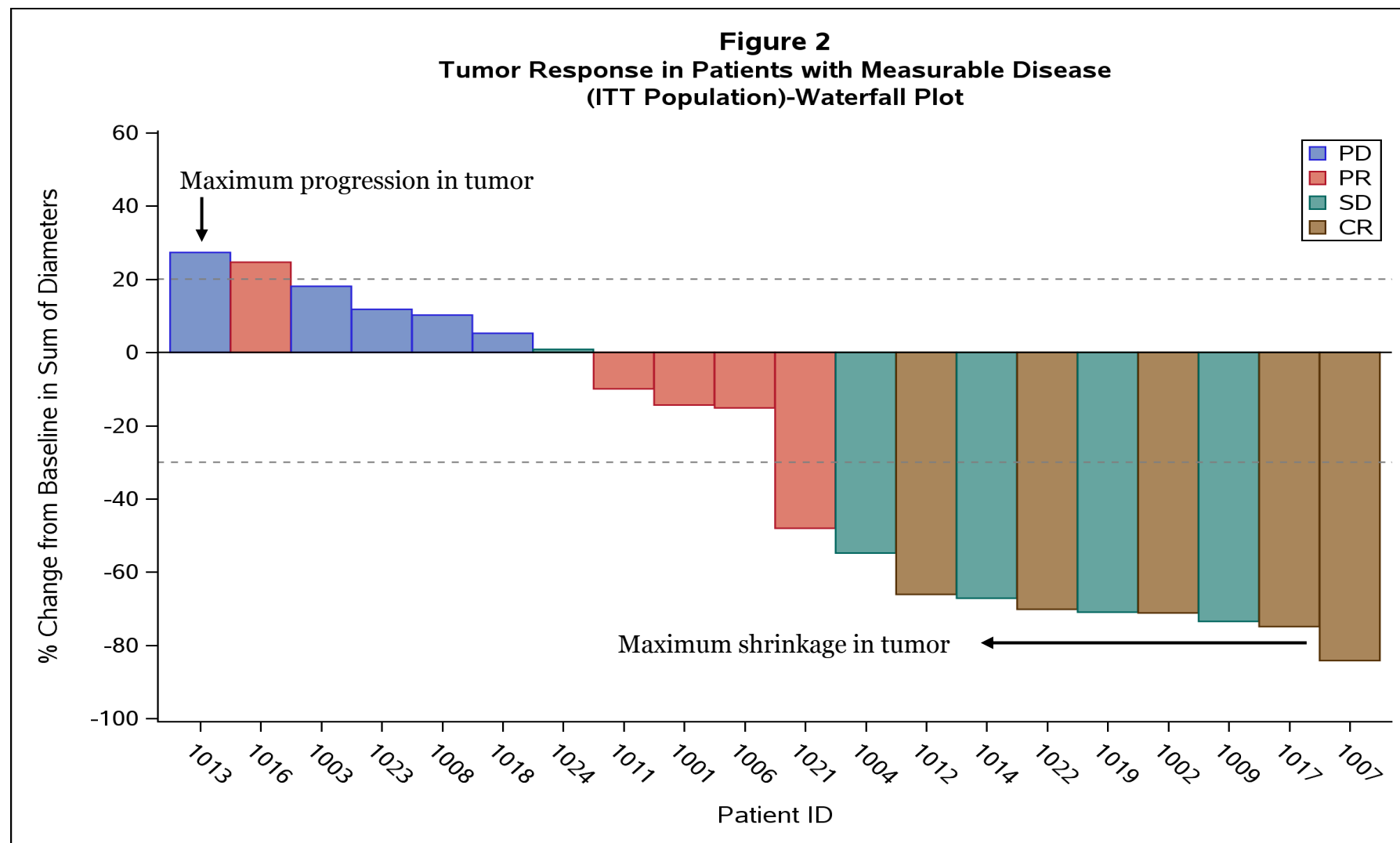
Bar Graph

- Display the categorical data by using rectangular bars
- Height or Length of these bars are proportional to the values that they represent



Waterfall Plot

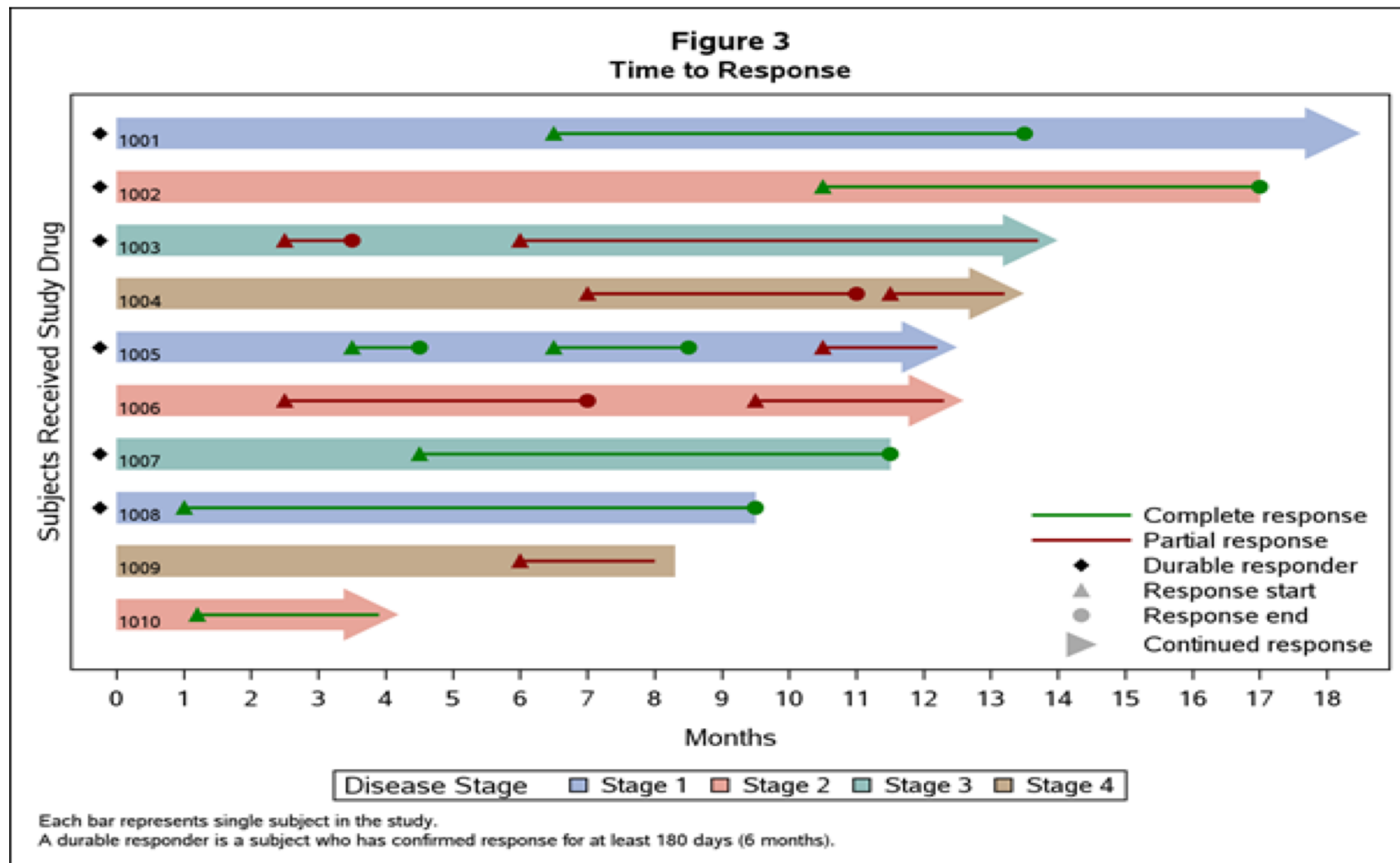
- a quantitative variable per subject
- Commonly used for response or treatment duration
- A novel efficacy measure for presenting the shrinkage/reduction in tumour size for each subject



Swimmer Plot

Multiple pieces of information of an individual patient in a single plot.

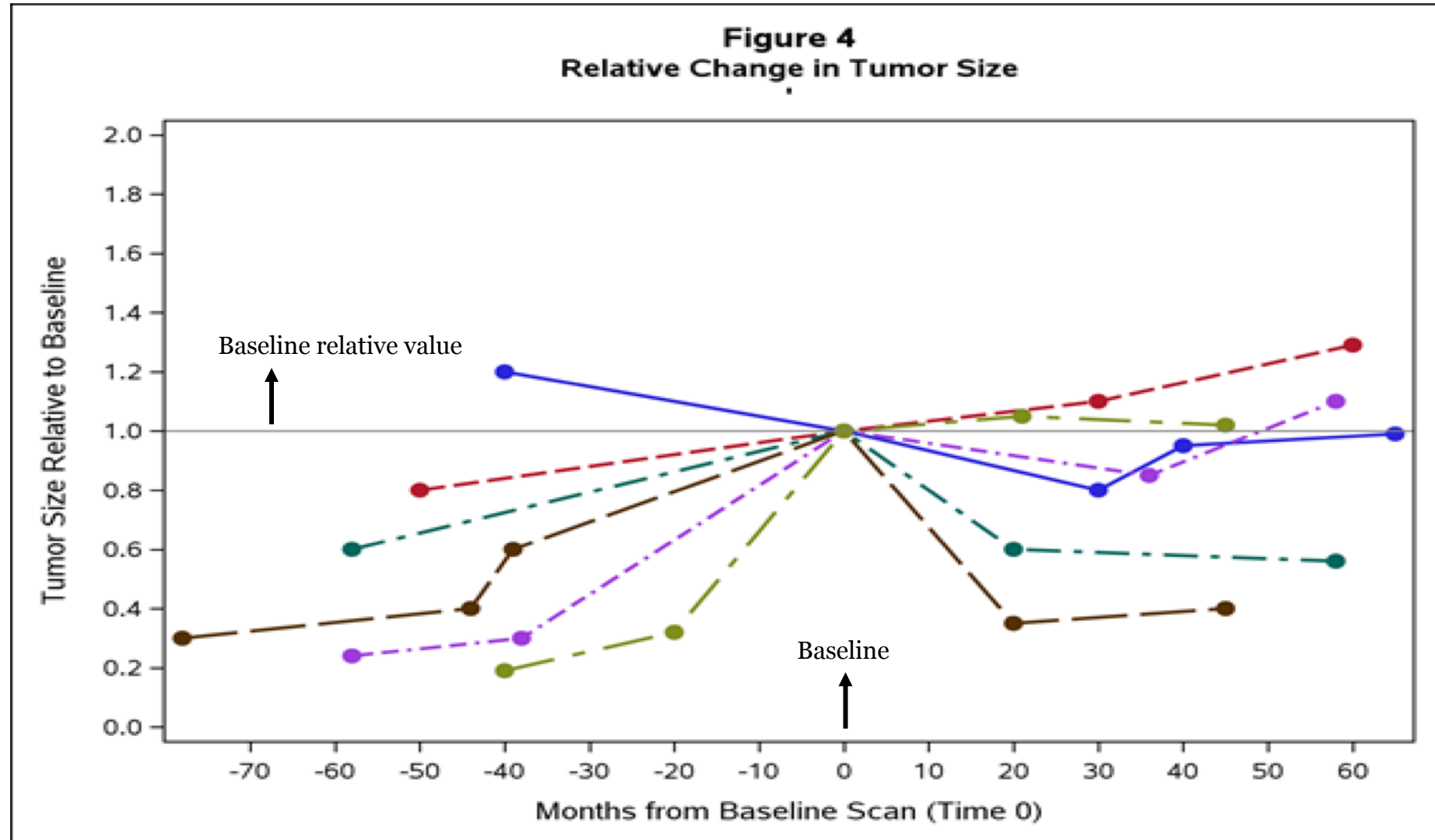
- whether these responses are complete or partial
- duration of response
- Durable responder
- Response start/end or still ongoing
- disease stage at baseline



Spider Plot

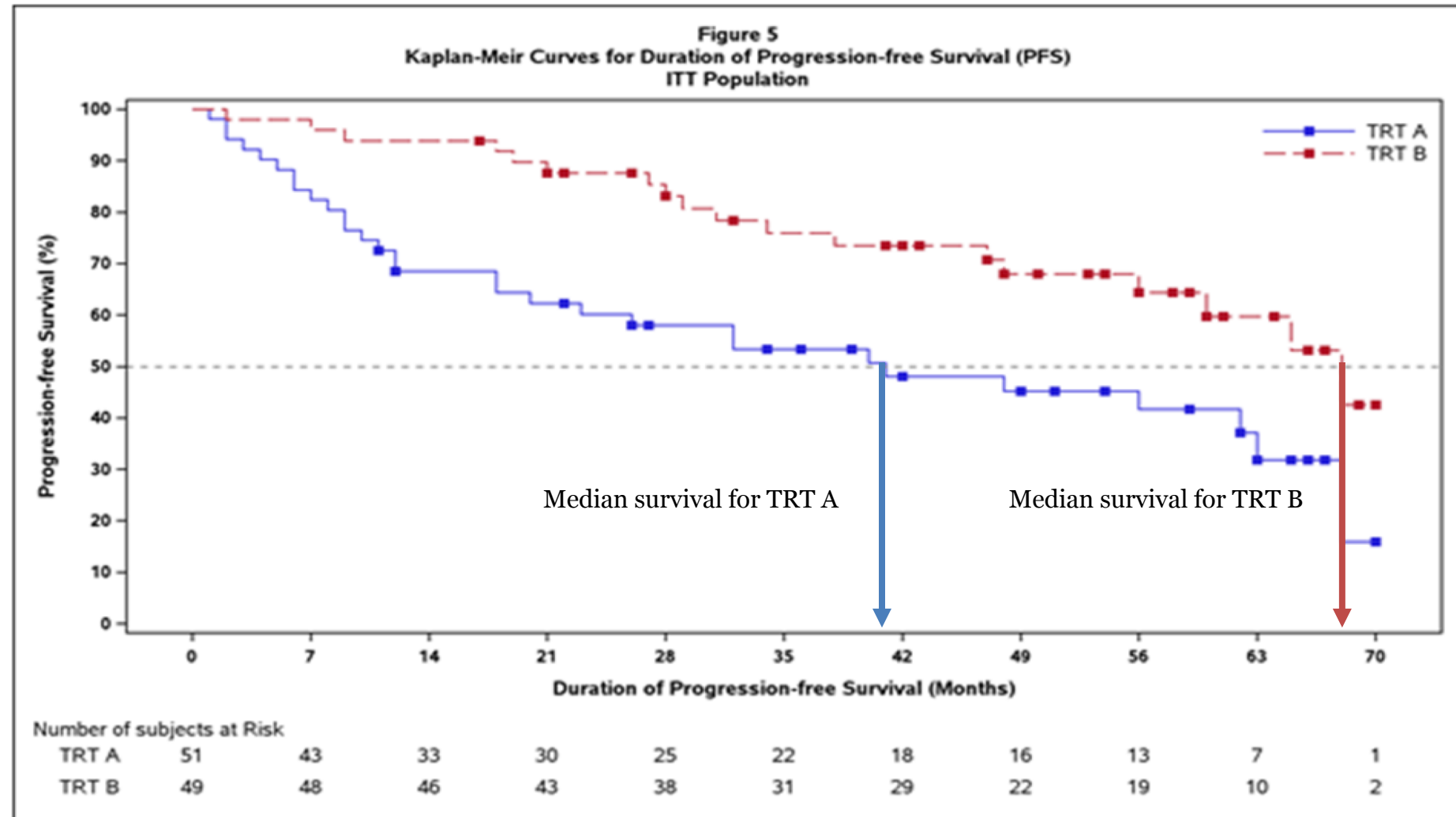
Yet another way to visualize the changes in tumor response of individual patients over time

- *Pre-treatment and post-treatment tumor responses can be easily compared to baseline (0) at individual subject level*



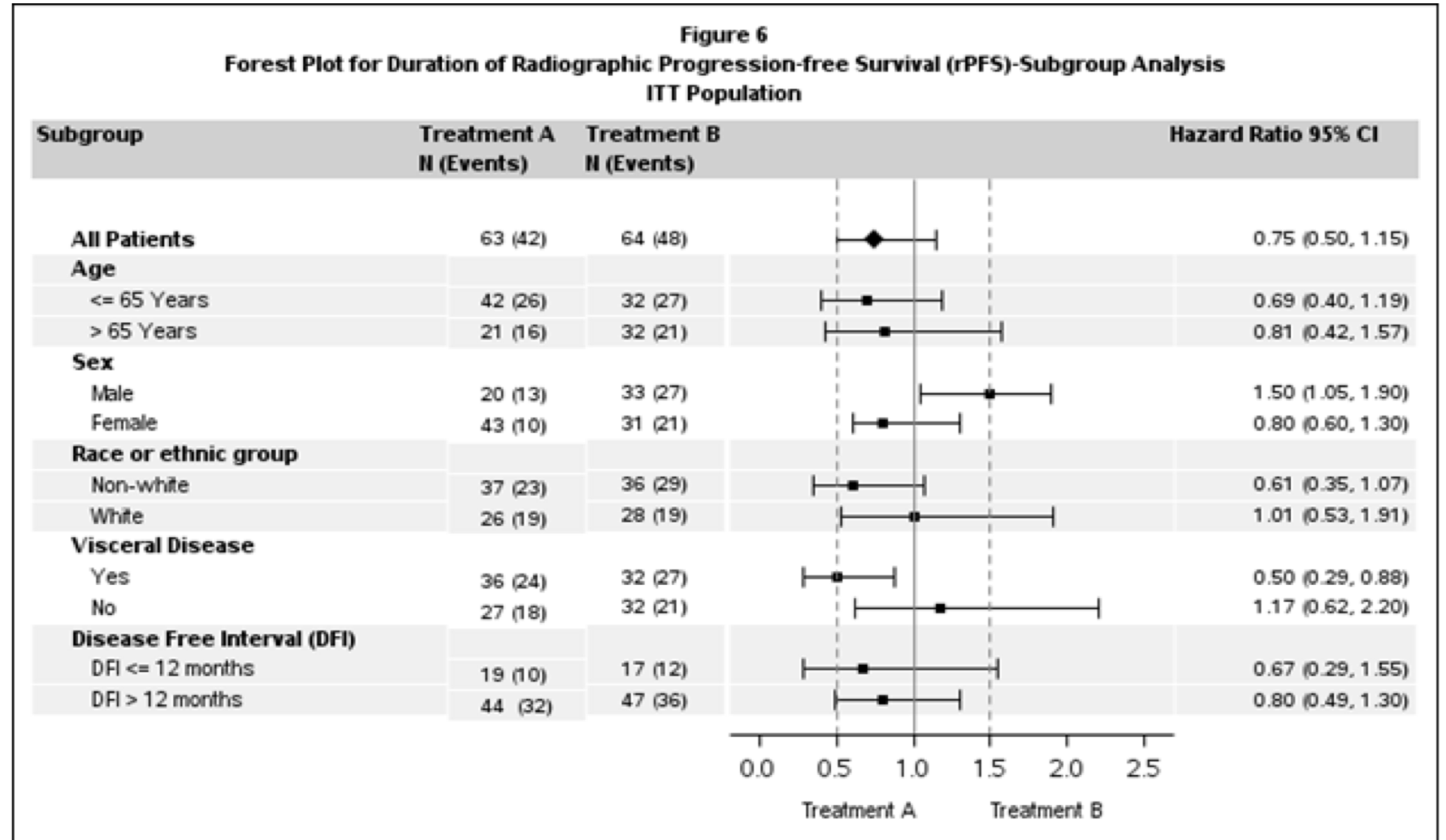
Kaplan-Meier Plot

- Represents survival information
- Useful for comparison between groups
- Display of summary stats



Forest Plot

- A quick overview of multiple effect estimates from different treatment or subgroups
- Presentation of the relative strength(and its variation) of effects of interest
- Both graphical and tabular representation of data



Conclusion

Effective presentation of oncology data

Customization/Flexibility for Data Display



THANK YOU