



A scatter plot showing the centered response (y-axis) for two groups: control (x-axis) and treatment (x-axis). The y-axis ranges from -10 to 10. The control group (red dots) shows a wider distribution of responses, ranging from approximately -5 to 9. The treatment group (teal dots) shows a more clustered distribution, ranging from approximately -7 to 7.5. The plot visually demonstrates that the treatment group has a lower mean response compared to the control group.

A scatter plot showing the distribution of detrended residuals for two groups: control and treatment. The y-axis is labeled 'residuals (detrended observations)' and ranges from -10 to 10. The x-axis is labeled 'group' with categories 'control' and 'treatment'. The control group (red dots) shows a wider spread of residuals, ranging from approximately -2 to 9. The treatment group (teal dots) shows a more clustered distribution, ranging from approximately -7 to 7.