

A scatter plot showing the relationship between a variable Y (vertical axis) and a variable X (horizontal axis). The data points are categorized into two groups: solid circles and plus signs (+). A solid black line represents the linear regression fit for the data points marked with plus signs. The regression line has a negative slope, indicating a negative correlation between X and Y for that specific group. The data points are distributed across the plot, with the plus signs generally following the downward trend of the regression line, while the solid circles are more scattered.

