



Figure 1: Scatter plot showing the relationship between the number of children and the number of children in school. The x-axis represents the total number of children (0 to 10), and the y-axis represents the number of children in school (0 to 10). The data points are represented by small black squares, and a solid black line indicates the linear regression fit.

The regression line shows a positive correlation between the number of children and the number of children in school. The slope of the line is approximately 0.8, indicating that for every additional child, the number of children in school increases by about 0.8 units.

The regression equation is approximately $y = 0.8x + 0.2$, where y is the number of children in school and x is the total number of children.

The regression line is a good fit for the data, as it captures the overall trend of the relationship between the two variables.

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