

A scatter plot showing the relationship between 'Hours sleep' (x-axis) and an unlabeled response variable (y-axis). The x-axis ranges from 5.0 to 9.0 with major ticks every 0.5 units. The y-axis has a range from approximately 0 to 10, with a major tick at 5. The data points are blue circles. There is a high density of points at 8.0 hours sleep, where the y-values range from approximately 0 to 10. Other points are scattered at 5.0, 6.0, 6.5, 7.0, 7.5, 8.5, and 9.0 hours sleep. An orange line represents a linear regression fit, showing a positive correlation between hours of sleep and the response variable.

