

$r = 0.45$

Predicted sentiment index

Actual sentiment index

A scatter plot showing the relationship between the Predicted sentiment index (x-axis) and the Actual sentiment index (y-axis) for various planet pairs. The x-axis ranges from -1.0 to 1.0, and the y-axis ranges from -1.0 to 1.0. A red regression line is drawn through the data points, indicating a positive correlation. The correlation coefficient is given as $r = 0.43$. The data points are labeled with planet names, such as 'Venus Mercury Moon', 'Jupiter Mars Venus', 'Sun Venus Mercury', etc. The plot includes dashed horizontal and vertical lines at zero.

A scatter plot showing the relationship between the Predicted sentiment index (x-axis) and the Actual sentiment index (y-axis) for various planet-moon pairs. The x-axis ranges from -1.0 to 1.0, and the y-axis ranges from -1.0 to 1.0. A dashed horizontal line is at y = 0.0, and a dashed vertical line is at x = 0.0. A solid red diagonal line represents the identity line (y = x). The correlation coefficient is $r = 0.4$. Data points are labeled with planet names (e.g., Venus, Jupiter, Saturn, Mars) and moon names (e.g., Mercury, Venus, Sun, Mars, Moon). Most points are clustered around the identity line, indicating a positive correlation between predicted and actual sentiment indices.