

A heatmap showing the distribution of the variable 'c' across the categories of 'a' and 'b'. The x-axis represents 'a' (0 to 1000) and the y-axis represents 'b' (0 to 1000). The color scale ranges from dark blue (low values) to light blue (high values). The heatmap shows a clear pattern where the values are highest (lightest blue) in the top-right quadrant (high 'a' and high 'b') and lowest (darkest blue) in the bottom-left quadrant (low 'a' and low 'b').

