

A horizontal bar chart showing the distribution of 1000 simulated values for the parameter  $\alpha$ . The x-axis ranges from 0 to 60, with major ticks at 0, 15, 30, 45, and 60. The y-axis represents the frequency of values, ranging from 0 to 100. The distribution is centered around 10, with a peak frequency of approximately 100. The bars are colored in a gradient from dark blue to light blue.

