

The histogram displays the frequency distribution of 1000 random variables. The x-axis is logarithmic, ranging from  $10^{-8}$  to  $10^{-5}$ . The y-axis represents the frequency, ranging from 0 to 100. The distribution is multimodal, with prominent peaks around  $10^{-8}$ ,  $10^{-7}$ , and  $10^{-5}$ . The bars are colored in a repeating sequence of red, blue, green, orange, and purple.

