

A bar chart illustrating the effect of the parameter C_p on the maximum value of the function. The x-axis, labeled C_p , shows values from 1 to 21 in increments of 2. The y-axis represents the function value, ranging from $0e+00$ to $1e-04$. The bars are orange and show a slight increase in height as C_p increases. Dashed vertical lines extend from the top of each bar to the $1e-04$ mark on the y-axis.

C_p	Maximum Value (approx.)
1	4.2×10^{-5}
3	4.3×10^{-5}
5	4.4×10^{-5}
7	4.5×10^{-5}
9	4.6×10^{-5}
11	4.7×10^{-5}
13	4.8×10^{-5}
15	4.9×10^{-5}
17	5.0×10^{-5}
19	5.1×10^{-5}
21	5.2×10^{-5}

Figure 1: Distribution of Cp values for the 21 samples. The y-axis represents the count, ranging from 0e+00 to 1e-04. The x-axis represents the Cp value, ranging from 1 to 21. The bars are orange with black outlines. The distribution is relatively uniform, with counts around 4e-05 for most Cp values. Dashed vertical lines extend from the top of each bar to the 1e-04 mark on the y-axis.

A bar chart showing the distribution of Cp values for 21 samples. The x-axis is labeled 'Cp' and ranges from 1 to 21. The y-axis represents frequency, with labels at 0e+00, 2e-05, 4e-05, 6e-05, and 8e-05. Each bar is orange with a black outline and a horizontal black line indicating a central value. Dashed vertical lines extend from the top of each bar to the 8e-05 mark on the y-axis.

Cp	Frequency (approx.)
1	1.2e-05
2	1.8e-05
3	2.2e-05
4	2.5e-05
5	2.8e-05
6	3.0e-05
7	3.2e-05
8	3.3e-05
9	3.4e-05
10	3.4e-05
11	3.4e-05
12	3.4e-05
13	3.4e-05
14	3.4e-05
15	3.4e-05
16	3.4e-05
17	3.4e-05
18	3.4e-05
19	3.4e-05
20	3.4e-05
21	3.4e-05