

EWMA Convergence Chart



Figure 1 is a scatter plot illustrating the relationship between Y_i and Z_i . The plot includes a solid line for the Control limit, a dashed line for the Boundary, and a dotted line for the Control limit. Data points are categorized as Y_i Violation (red dots) and Z_i Control (black dots). The plot shows a clear separation between the two groups, with the Control limit and Boundary lines indicating the threshold for violation.