Comparison of Different Sorted Data Used in Robust Mean Computation In-control Period Data Out-of-Control Period Data 12.5 Outliers **Trimmed Mean Data** 10.0 Winsorised Mean Data Cosine Tapered Mean Data Median 7.5 5.0 Data Value 2.5 0.0 -2.5 -5.0 25 0 Sorted Data Index within the Sliding Window ($p^T = p^W = p^{CT} = 0.2$, $n_i = 30$)