

The plot displays the order parameter S on the y-axis (ranging from 0 to 1.0) against the iteration number on the x-axis (ranging from 0 to 200). Five individual runs are shown: run 0 (blue), run 1 (green), run 2 (red), run 3 (purple), and run 4 (yellow). A solid light blue line represents the mean of the means, and dashed lines of the same colors represent the standard deviation (+STD and -STD). The data shows a noisy increase in S from iteration 0 to 100, where it reaches a plateau around 0.8. At iteration 100, there is a sharp drop in S to zero for all runs. Following this, the order parameter recovers and stabilizes around 0.8, with significant fluctuations and a period of high variability between iterations 100 and 150.

