

A box plot showing the distribution of the number of iterations required for the proposed algorithm to converge across 100 trials. The y-axis represents the number of iterations, ranging from -5 to 4. The x-axis represents the trials, with each trial having its own box plot. The boxes are blue with a red median line. The whiskers extend to the minimum and maximum values of the data for each trial. The plot shows that the number of iterations is generally between -1 and 1, with some trials requiring more iterations (up to 3) and some requiring fewer (down to -4).

