**Reviewer # 1 Comment # 6:** It is recommended to provide the worst results of each metaheuristics as well. Moreover, you should consider presenting the results in one merged table, for easier comparisons.  
In other words, for each algorithm, on each dataset, provide the best, worst, average and std.  
**Author response:**

Example BPO paper pg 8 table 4, will have to check wish author.

**Reviewer # 1 Comment # 7:** Please provide convergence diagrams as well.  
**Reviewer # 2 Comment # 11:** Convergence analysis is recommended.

Will draw the convergance curves.

**Reviewer # 1 Comment # 10:** I would recommend conducting statistical analysis, to verify that the results of the proposed algorithm are statistically significantly superior than other methods.

**Reviewer # 2 Comment # 10:** The authors should add the results' maximum, minimum, and standard deviation to tables 4-7 during the independent runs. This will provide more information about the variability and reliability of the results and allow for a better comparison of the performance of the different algorithms.

What kind of statistics?.

**Reviewer # 2 Comment # 13:** The authors should mention the setting details and the experimental evaluation of the proposed algorithm and contender algorithms, such as the maximum number of runs, iterations, and classifier.

Will do after completing code.

**Reviewer # 2 Comment # 4:** The authors claim that the proposed algorithm enhances the exploratory rate of the binary political optimizer (BPO), but they do not provide any experimental evaluation that supports this claim. They should conduct some experiments to compare the proposed algorithm with the original BPO and other existing algorithms and measure the exploratory rate using some indicators, such as the solutions' diversity, entropy, or distance. They should also explain how the hyper-learning strategy affects the algorithm's exploratory and convergence rates.

**Reviewer # 3 Comment # 1:** The novelty of the paper is low. The binary POA has been proposed before. The author just modified the previous version using Hyper learning strategy. However, we could not see any comparison between the original and modified versions to prove the necessity of this modification. Please compare BPOA with the improved version in terms of the Convergence curve and evaluation metrics, and show that the results are statistically significant.

Will check with author

**Reviewer # 2 Comment # 6:** It is suggested to explain the calibration mechanism you used in your experiment.

In what sense?

**Reviewer # 3 Comment # 2:** what is the time complexity of the proposed algorithm?

Will calculate