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ERRATUM

Erratum to: Machine learning identification of symmetrized base states of Rydberg atoms

Daryl Ryan Chong[1], Minhyuk Kim[2], Jaewook Ahn[2], Heejeong Jeong[1,†]

[1] *Department of Physics, Faculty of Science, University of Malaya, Kuala Lumpur 50603, Malaysia*
[2] *Department of Physics, KAIST, Daejeon 34141, Korea*
Corresponding author. E-mail: †jhj413@gmail.com

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The x-axis of Fig. 3(b) should be labelled "Observation duration" instead of "Total evolution time" as shown below.

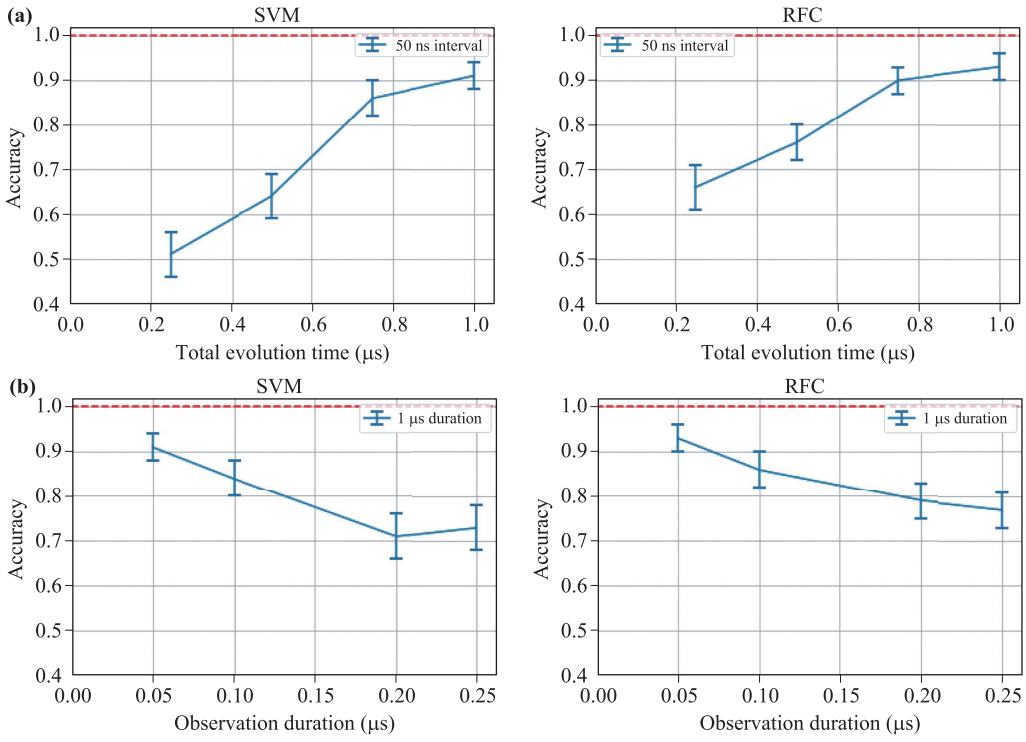

Fig. 3 Accuracy performance depending on **(a)** total evolution time, and **(b)** observation duration between data points for the case of identification of Na in Figs. 2(a, c, e). The accuracy values are obtained by utilizing both SVM and RFC. The default total evolution time is 1 μs, and the default duration is 50 ns for all our ML sample data in this paper. The results show our default experimental parameters provides above 90% accuracy as in Figs. 2(a, c, e).

*Special Topic: Trapped Atoms and Ions for Quantum Science (Eds. Le Luo, Kenji Toyoda, Kihwan Kim, Jaewook Ahn & Dzmitry Matsukevich).

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