Erratum: Finite-temperature phase transition to a Kitaev spin liquid phase on a hyperoctagon lattice: A large-scale quantum Monte Carlo study [Phys. Rev. B **96**, 125124 (2017)]

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In our paper, there is an error in the values of the flux gap Δ in Table I. This error was corrected in the table presented below. Correspondingly, the sentence on p. 5 should read “The flux gap is estimated as $\Delta = 0.030(3)$ for the hyperoctagon lattice and $\Delta = 0.043(3)$ for the hyperhoneycomb lattice [1].” The error has no effect on our conclusions.

TABLE I. Comparison between the critical temperature T_c obtained by the quantum Monte Carlo simulations and the magnitude of the flux gap Δ estimated at $T = 0$ for the hyperhoneycomb and hyperoctagon cases. T_c for the hyperhoneycomb system is taken from Ref. [2], whereas Δ is taken from Ref. [1].

Lattice	Critical temperature T_c	Flux gap Δ
Hyperoctagon	0.00405(10)	0.030(3)
Hyperhoneycomb	0.00519(9)	0.043(3)

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- [1] K. O’Brien, M. Hermanns, and S. Trebst, Classification of gapless Z_2 spin liquids in three-dimensional Kitaev models, *Phys. Rev. B* **93**, 085101 (2016).
 [2] J. Nasu, M. Udagawa, and Y. Motome, Vaporization of Kitaev Spin Liquids, *Phys. Rev. Lett.* **113**, 197205 (2014).