Erratum: Quantum tricriticality in antiferromagnetic Ising model with transverse field: A quantum Monte Carlo study [Phys. Rev. B 92, 174419 (2015)]

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In our paper, there are typographical errors in the equations below Eq. (3) and in Eq. (4) in the main text. The correct equations for the former are

$$f_0 = -\Delta,$$
$$\frac{r}{2} = \frac{1}{2}J_+\left(1 - \frac{\Gamma^2 J_+}{\Delta^3}\right),$$
$$\frac{u}{4} = \frac{(\Gamma^2 - 4H^2)\Gamma^2 J_+^4}{8\Delta^7},$$
$$\frac{v}{6} = \frac{(12\Gamma^2 H^2 - 8H^4 - \Gamma^4)\Gamma^2 J_+^6}{16\Delta^{11}},$$
$$\Delta = \sqrt{\Gamma^2 + H^2}.$$

The correct equations for the latter are

$$r \simeq \frac{\sqrt{5}}{4}\delta_\Gamma + \frac{3\sqrt{5}}{4}\delta_H, \quad u \simeq \frac{25\sqrt{5}}{32}\delta_\Gamma - \frac{25\sqrt{5}}{16}\delta_H. \tag{4}$$

These errors do not affect our main conclusion.