Erratum: Linear Boltzmann transport for jet propagation in the quark-gluon plasma: Elastic processes and medium recoil [Phys. Rev. C **91, 054908 (2015)]**

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After the publication of this article, we found several typographical errors in the original paper involving the degeneracy and other factors in the Boltzmann equations and scattering rates. These are just typographical errors in the paper. The correct factors are used in the actual Monte Carlo code of the linear Boltzmann transport model.

An overall factor $g_b/2$ is missing on the right-hand side of Eq. (1). The correct form should be

$$p_1 \partial f_a(p_1) = - \int \frac{d^3 p_2}{(2\pi)^3 2E_2} \int \frac{d^3 p_3}{(2\pi)^3 2E_3} \int \frac{d^3 p_4}{(2\pi)^3 2E_4} \times \sum_{b(c,d)} \frac{g_b}{2} [f_a(p_1) f_b(p_2) - f_c(p_3) f_d(p_4)] |M_{ab \rightarrow cd}|^2 S_2(s, t, u) (2\pi)^4 \delta^4(p_1 + p_2 - p_3 - p_4), \quad (1)$$

where g_b is the degeneracy factor for medium parton b in the Boltzmann equation. The values of g_g and g_q are given in the text following Eq. (1).

In Eq. (4), the degeneracy factor g_b is missing on the right-hand side of the equation for the scattering rate. The correct equation should be as follows:

$$\Gamma_{ab \rightarrow cd} = \frac{g_b}{2E_1} \int \frac{d^3 p_2}{(2\pi)^3 2E_2} \int \frac{d^3 p_3}{(2\pi)^3 2E_3} \int \frac{d^3 p_4}{(2\pi)^3 2E_4} f_b(p_2) |M_{ab \rightarrow cd}(s, t, u)|^2 S_2(s, t, u) (2\pi)^4 \delta^4(p_1 + p_2 - p_3 - p_4). \quad (4)$$

Similarly in Eq. (9), the degeneracy factor g_b is missing on the right-hand side of the equation for the differential scattering rate. The correct equation should be as follows:

$$\Gamma_{ab \rightarrow cd} = \frac{g_b}{16E_1(2\pi)^4} \int d\theta_2 \int d\theta_3 \int d\phi_{23} \int dE_3 f_b(E_2, T) |M_{ab \rightarrow cd}(s, t, u)|^2 S_2(s, t, u) \frac{E_2 E_3 \sin \theta_2 \sin \theta_3}{E_1(1 - \cos \theta_{12}) - E_3(1 - \cos \theta_{23})}. \quad (9)$$

The results and conclusions of the original article are not affected.