

Erratum to: Measurement of b hadron lifetimes in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration*

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We have corrected Eqs. (17)–(20) from Section 8 of the original paper. The published versions of Eqs. (17) and (18) were mistakenly the same and Eqs. (19) and (20) were reversed. Below are the corrected equations:

$$\frac{\tau_{A_b^0}}{\tau_{B^0 \rightarrow J/\psi K^*(892)^0}} = 0.978 \pm 0.018 \text{ (stat)} \pm 0.006 \text{ (syst)}, \quad (17)$$

$$\frac{\tau_{B_s^0 \rightarrow J/\psi \phi(1020)}}{\tau_{B^0 \rightarrow J/\psi K^*(892)^0}} = 0.980 \pm 0.006 \text{ (stat)} \pm 0.003 \text{ (syst)}. \quad (18)$$

$$\tau_{B^0 \rightarrow J/\psi K_S^0} = \frac{1}{\Gamma_d} \left(\frac{1}{1 - y_d^2} \right) \left(\frac{1 + 2 \cos(2\beta)y_d + y_d^2}{1 + \cos(2\beta)y_d} \right), \quad (19)$$

$$\tau_{B^0 \rightarrow J/\psi K^*(892)^0} = \frac{1}{\Gamma_d} \left(\frac{1 + y_d^2}{1 - y_d^2} \right), \quad (20)$$

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