

**Erratum: Study of the Mass and Spin-Parity of the  
Higgs Boson Candidate via Its Decays to Z Boson Pairs  
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During a review of our Letter, we found an error in the sentence “Under the assumption of spin 0, the test statistic formed from a profile likelihood ratio  $\lambda = \mathcal{L}_{0^-} / \mathcal{L}_{0^+}$  of the  $0^-$  and  $0^+$  hypotheses yields a  $p$ -value of 0.072% for  $0^-$  and a  $p$ -value of 0.7 for  $0^+$ , with  $-2 \ln \lambda = 5.5$  favoring  $0^+$ .”

The  $p$ -value for  $0^-$  should be replaced with 0.72%, resulting in “Under the assumption of spin 0, the test statistic formed from a profile likelihood ratio  $\lambda = \mathcal{L}_{0^-} / \mathcal{L}_{0^+}$  of the  $0^-$  and  $0^+$  hypotheses yields a  $p$ -value of 0.72% for  $0^-$  and a  $p$ -value of 0.7 for  $0^+$ , with  $-2 \ln \lambda = 5.5$  favoring  $0^+$ .”

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