

# REPORT ON JHEP\_292P\_1220

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I have reviewed the appeal. I generally agree with the assessment of the first reviewer, however, I note in addition that the result for the  $\lambda_{E,H}^2$  parameters presented here is fundamentally ambiguous.

In the main equations (3.15) - (3.18)  $\bar{\Lambda}$  appears, which is known to be ambiguous / scheme-dependent at  $\mathcal{O}(1)$  (renormalon ambiguity). This scheme dependence cancels with definitions of so-called "threshold masses", but the right-hand sides of (3.15) - (3.18) are independent of quark masses, so the scheme-dependence is not cancelled. Since the Borel parameter  $M$  is not much larger than  $\bar{\Lambda}$ ,  $\exp(-\bar{\Lambda}/M)$  is an arbitrary  $\mathcal{O}(1)$  factor at this point.

The problem might be avoided, by taking the ratio of these equations, or consistently taking the ratio with (3.19), although the question about the consistent interpretation of each equation separately would remain. But this is not what the authors do, rather they adopt a value of  $\bar{\Lambda}$  in Table 1 with a small uncertainty, which however must refer to a particular scheme. This scheme dependence remain uncanceled in (3.15) - (3.18).

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