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## Erratum: Minimal flavour violation with hierarchical squark masses

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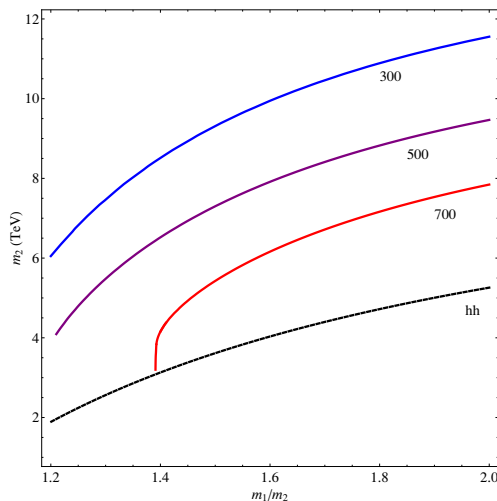
**ABSTRACT:** We correct a mistake in the expression of the anomalous dimension matrix for the QCD running of two quark — two gluino operators given in JHEP **12** (2010) 070. The correction leads to a slight increase of the lower bound on the heavy squark masses.

Equation (4.6) for  $\hat{\gamma}_{gg}$  should be:

$$\hat{\gamma}_{gg} = \begin{pmatrix} \frac{n_\ell}{4} & 0 & -6 \\ 0 & -\frac{3N}{2} + \frac{n_\ell}{4} & -\frac{3N}{2} + \frac{6}{N} \\ -3 & -\frac{3N}{2} & -\frac{3}{2}N + \frac{n_\ell}{4} \end{pmatrix}.$$

where  $n_\ell$  is the number of light squarks ( $\tilde{t}_L, \tilde{t}_R, \tilde{b}_L$ , i.e.  $n_\ell = 3$  in our context).

As a consequence figure 1 of [JHEP 12 \(2010\) 070](#) is slightly modified to figure 1 here.



**Figure 1.** Lower bounds on  $m_2$  as a function of the ratio  $r = m_1/m_2$  to obtain effective MFV. For a given light mass,  $m_l = 300, 500, 700$  GeV, the allowed region is above the corresponding line, from  $\mathcal{L}_{12,3}^{\Delta S=2}$ , and in any case above the "hh" line, from  $\mathcal{L}_{12}^{\Delta S=2}$ , which is  $m_l$  independent.