

$$\Delta K^{\text{non-cust.}} = \frac{c_1}{M^2} (H_d^\dagger e^V H_d)^2 + \frac{c_2}{M^2} (H_u^\dagger e^V H_u)^2 + \frac{c_3}{M^2} (H_u^\dagger e^V H_u) (H_d^\dagger e^V H_d)$$