

$$\epsilon_1 = \frac{\sum_a \left[ \Gamma(N_1 \rightarrow \ell_a H) - \Gamma(N_1 \rightarrow \bar{\ell}_a \bar{H}) \right]}{\sum_a \left[ \Gamma(N_1 \rightarrow \ell_a H) + \Gamma(N_1 \rightarrow \bar{\ell}_a \bar{H}) \right]}$$