

$$\frac{\Gamma_{ud}^W}{\Gamma_{cb}^W} = \frac{1}{2} \left(1 - \frac{m_b^2}{M_W^2} \right) \left(2 + \frac{m_b^2}{M_W^2} \right) |V_{cb}|^2 \approx |V_{cb}|^2 .$$