

$$\Lambda_t \sim \text{TeV} \left( \frac{\text{TeV}}{m_t} \right)^{1/(d-1)} \sim \begin{cases} 3 \text{ TeV} & \dim(H) = 3 \\ 10 \text{ TeV} & \dim(H) = 2 \\ 50 \text{ TeV} & \dim(H) = 1.5 \end{cases}$$