

Bin	$\sigma/\sigma_{\text{SM}}$ scaling
TTH_PTH_0_60	$1 - 0.002 c_G + 0.121 c_{\text{H}\square} - 0.030 c_{\text{HD}} + 0.405 c_{\text{HG}} - 0.122 c_{\text{Hl}}^{(3)} + 0.002 c_{\text{HQ}}^{(3)} + 0.061 c'_{\text{ll}} - 0.001 c_{\text{Qd}}^{(1)} + 0.021 c_{\text{Qd}}^{(8)} + 0.004 c_{\text{Qq}}^{(1,1)} + 0.056 c_{\text{Qq}}^{(1,8)} + 0.014 c_{\text{Qq}}^{(3,1)} + 0.009 c_{\text{Qq}}^{(3,8)} - 0.001 c_{\text{QQ}}^{(1)} + 0.003 c_{\text{Qu}}^{(1)} + 0.032 c_{\text{Qu}}^{(8)} - 0.002 \text{Re}(c_{\text{tB}}) - 0.002 c_{\text{td}}^{(1)} + 0.022 c_{\text{td}}^{(8)} - 0.786 \text{Re}(c_{\text{tG}}) - 0.122 \text{Re}(c_{\text{tH}}) + 0.003 c_{\text{qt}}^{(1)} + 0.058 c_{\text{qt}}^{(8)} + 0.005 c_{\text{tu}}^{(1)} + 0.033 c_{\text{tu}}^{(8)} - 0.005 \text{Re}(c_{\text{tW}})$
TTH_PTH_60_120	$1 + 0.051 c_G + 0.121 c_{\text{H}\square} - 0.030 c_{\text{HD}} + 0.472 c_{\text{HG}} - 0.122 c_{\text{Hl}}^{(3)} + 0.003 c_{\text{HQ}}^{(3)} + 0.001 c_{\text{HW}} + 0.061 c'_{\text{ll}} - 0.001 c_{\text{Qd}}^{(1)} + 0.028 c_{\text{Qd}}^{(8)} + 0.006 c_{\text{Qq}}^{(1,1)} + 0.068 c_{\text{Qq}}^{(1,8)} + 0.018 c_{\text{Qq}}^{(3,1)} + 0.017 c_{\text{Qq}}^{(3,8)} - 0.002 c_{\text{QQ}}^{(1)} + 0.004 c_{\text{Qu}}^{(1)} + 0.040 c_{\text{Qu}}^{(8)} - 0.002 \text{Re}(c_{\text{tB}}) - 0.002 c_{\text{td}}^{(1)} + 0.027 c_{\text{td}}^{(8)} - 0.857 \text{Re}(c_{\text{tG}}) - 0.122 \text{Re}(c_{\text{tH}}) + 0.005 c_{\text{qt}}^{(1)} + 0.067 c_{\text{qt}}^{(8)} + 0.006 c_{\text{tu}}^{(1)} + 0.041 c_{\text{tu}}^{(8)} - 0.006 \text{Re}(c_{\text{tW}})$
TTH_PTH_120_200	$1 + 0.150 c_G + 0.121 c_{\text{H}\square} - 0.030 c_{\text{HD}} + 0.590 c_{\text{HG}} + 0.002 c_{\text{Hq}}^{(3)} - 0.122 c_{\text{Hl}}^{(3)} + 0.003 c_{\text{HQ}}^{(3)} + 0.001 c_{\text{HW}} + 0.061 c'_{\text{ll}} - 0.002 c_{\text{Qd}}^{(1)} + 0.037 c_{\text{Qd}}^{(8)} + 0.007 c_{\text{Qq}}^{(1,1)} + 0.096 c_{\text{Qq}}^{(1,8)} + 0.026 c_{\text{Qq}}^{(3,1)} + 0.017 c_{\text{Qq}}^{(3,8)} - 0.002 c_{\text{QQ}}^{(1)} + 0.006 c_{\text{Qu}}^{(1)} + 0.057 c_{\text{Qu}}^{(8)} - 0.003 \text{Re}(c_{\text{tB}}) - 0.003 c_{\text{td}}^{(1)} + 0.039 c_{\text{td}}^{(8)} - 0.976 \text{Re}(c_{\text{tG}}) - 0.122 \text{Re}(c_{\text{tH}}) + 0.006 c_{\text{qt}}^{(1)} + 0.096 c_{\text{qt}}^{(8)} + 0.008 c_{\text{tu}}^{(1)} + 0.057 c_{\text{tu}}^{(8)} - 0.008 \text{Re}(c_{\text{tW}})$
TTH_PTH_200_300	$1 + 0.291 c_G + 0.121 c_{\text{H}\square} - 0.030 c_{\text{HD}} + 0.681 c_{\text{HG}} + 0.006 c_{\text{Hq}}^{(3)} - 0.122 c_{\text{Hl}}^{(3)} + 0.003 c_{\text{HQ}}^{(3)} + 0.001 c_{\text{Hu}} + 0.002 c_{\text{HW}} - 0.001 c_{\text{HWB}} + 0.061 c'_{\text{ll}} + 0.001 c_{\text{Qb}}^{(8)} - 0.003 c_{\text{Qd}}^{(1)} + 0.060 c_{\text{Qd}}^{(8)} + 0.013 c_{\text{Qq}}^{(1,1)} + 0.149 c_{\text{Qq}}^{(1,8)} + 0.043 c_{\text{Qq}}^{(3,1)} + 0.033 c_{\text{Qq}}^{(3,8)} - 0.002 c_{\text{QQ}}^{(1)} + 0.010 c_{\text{Qu}}^{(1)} + 0.100 c_{\text{Qu}}^{(8)} - 0.004 \text{Re}(c_{\text{tB}}) - 0.005 c_{\text{td}}^{(1)} + 0.059 c_{\text{td}}^{(8)} - 1.021 \text{Re}(c_{\text{tG}}) - 0.122 \text{Re}(c_{\text{tH}}) + 0.010 c_{\text{qt}}^{(1)} + 0.154 c_{\text{qt}}^{(8)} + 0.014 c_{\text{tu}}^{(1)} + 0.092 c_{\text{tu}}^{(8)} - 0.012 \text{Re}(c_{\text{tW}})$
TTH_PTH_GT300	$1 + 0.435 c_G + 0.121 c_{\text{H}\square} - 0.003 c_{\text{Hd}} - 0.030 c_{\text{HD}} + 0.754 c_{\text{HG}} + 0.007 c_{\text{Hq}}^{(1)} + 0.035 c_{\text{Hq}}^{(3)} - 0.123 c_{\text{Hl}}^{(3)} - 0.001 c_{\text{HQ}}^{(1)} + 0.002 c_{\text{HQ}}^{(3)} + 0.014 c_{\text{Hu}} + 0.004 c_{\text{HW}} - 0.002 c_{\text{HWB}} + 0.061 c'_{\text{ll}} + 0.001 c_{\text{Qb}}^{(8)} - 0.005 c_{\text{Qd}}^{(1)} + 0.122 c_{\text{Qd}}^{(8)} + 0.029 c_{\text{Qq}}^{(1,1)} + 0.331 c_{\text{Qq}}^{(1,8)} + 0.107 c_{\text{Qq}}^{(3,1)} + 0.073 c_{\text{Qq}}^{(3,8)} + 0.019 c_{\text{Qu}}^{(1)} + 0.207 c_{\text{Qu}}^{(8)} + 0.001 c_{\text{tb}}^{(8)} - 0.008 \text{Re}(c_{\text{tB}}) - 0.009 c_{\text{td}}^{(1)} + 0.110 c_{\text{td}}^{(8)} - 1.056 \text{Re}(c_{\text{tG}}) - 0.122 \text{Re}(c_{\text{tH}}) + 0.025 c_{\text{qt}}^{(1)} + 0.314 c_{\text{qt}}^{(8)} + 0.040 c_{\text{tu}}^{(1)} + 0.231 c_{\text{tu}}^{(8)} - 0.022 \text{Re}(c_{\text{tW}})$