

| Observable              | Scaling with respect to the SM prediction   |
|-------------------------|---|
| $\Gamma_Z$              | $1 + 0.059 c'_{\text{ll}} - 0.003 c_{\text{HD}} + 0.027 c_{\text{HWB}} + 0.014 c_{\text{Hu}} - 0.007 c_{\text{Hd}} - 0.004 c_{\text{Hb}} - 0.011 c_{\text{He}} + 0.007 c_{\text{Hq}}^{(1)} + 0.021 c_{\text{HQ}}^{(1)} - 0.011 c_{\text{HI}}^{(1)} + 0.075 c_{\text{Hq}}^{(3)} + 0.021 c_{\text{HQ}}^{(3)} - 0.081 c_{\text{HI}}^{(3)}$ |
| $\sigma_{\text{had}}^0$ | $1 + 0.003 c'_{\text{ll}} + 0.003 c_{\text{HD}} + 0.003 c_{\text{HWB}} - 0.008 c_{\text{Hu}} + 0.004 c_{\text{Hd}} + 0.002 c_{\text{Hb}} - 0.085 c_{\text{He}} - 0.004 c_{\text{Hq}}^{(1)} - 0.012 c_{\text{HQ}}^{(1)} + 0.154 c_{\text{HI}}^{(1)} - 0.043 c_{\text{Hq}}^{(3)} - 0.012 c_{\text{HQ}}^{(3)} + 0.052 c_{\text{HI}}^{(3)}$ |
| $R_\ell$                | $1 - 0.004 c'_{\text{ll}} + 0.014 c_{\text{HD}} + 0.014 c_{\text{HWB}} + 0.021 c_{\text{Hu}} - 0.010 c_{\text{Hd}} - 0.005 c_{\text{Hb}} + 0.107 c_{\text{He}} + 0.010 c_{\text{Hq}}^{(1)} + 0.030 c_{\text{HQ}}^{(1)} - 0.133 c_{\text{HI}}^{(1)} + 0.107 c_{\text{Hq}}^{(3)} + 0.030 c_{\text{HQ}}^{(3)} - 0.124 c_{\text{HI}}^{(3)}$ |
| $A_{FB}^{0,\ell}$       | $1 + 0.002 c'_{\text{ll}} + 1.708 c_{\text{HD}} + 1.827 c_{\text{HWB}} + 1.207 c_{\text{He}} + 0.974 c_{\text{HI}}^{(1)} + 0.969 c_{\text{HI}}^{(3)}$   |
| $R_c$                   | $1 + 0.009 c_{\text{HD}} + 0.011 c_{\text{HWB}} + 0.039 c_{\text{Hu}} + 0.010 c_{\text{Hd}} + 0.005 c_{\text{Hb}} - 0.151 c_{\text{Hq}}^{(1)} - 0.030 c_{\text{HQ}}^{(1)} + 0.034 c_{\text{Hq}}^{(3)} - 0.030 c_{\text{HQ}}^{(3)} + 0.001 c_{\text{HI}}^{(3)}$  |
| $R_b$                   | $1 - 0.005 c_{\text{HD}} - 0.005 c_{\text{HWB}} - 0.021 c_{\text{Hu}} + 0.010 c_{\text{Hd}} - 0.019 c_{\text{Hb}} - 0.010 c_{\text{Hq}}^{(1)} + 0.106 c_{\text{HQ}}^{(1)} - 0.107 c_{\text{Hq}}^{(3)} + 0.106 c_{\text{HQ}}^{(3)} - 0.002 c_{\text{HI}}^{(3)}$  |
| $A_{FB}^{0,c}$          | $1 + 0.966 c_{\text{HD}} + 1.035 c_{\text{HWB}} - 0.151 c_{\text{Hu}} + 0.603 c_{\text{He}} - 0.064 c_{\text{Hq}}^{(1)} + 0.487 c_{\text{HI}}^{(1)} + 0.064 c_{\text{Hq}}^{(3)} + 0.487 c_{\text{HI}}^{(3)}$  |
| $A_{FB}^{0,b}$          | $1 + 0.001 c'_{\text{ll}} + 0.869 c_{\text{HD}} + 0.929 c_{\text{HWB}} + 0.050 c_{\text{Hb}} + 0.603 c_{\text{He}} + 0.009 c_{\text{HQ}}^{(1)} + 0.487 c_{\text{HI}}^{(1)} + 0.009 c_{\text{HQ}}^{(3)} + 0.485 c_{\text{HI}}^{(3)}$   |