

Eigenvector	Eigenvalue	Definition in terms of the Wilson Coefficients
EV17'	20.7	$-0.31 c_{\text{HB}} + 0.07 c_{\text{Hd}} + 0.31 c_{\text{Hq}}^{(3)} + 0.35 c_{\text{HI}}^{(3)} + 0.14 c_{\text{HW}} - 0.49 c_{\text{HWB}} + 0.34 c'_{\text{ll}} - 0.15 \text{Re}(c_{\text{tG}}) + 0.31 c_{\text{He}} + 0.15 c_{\text{HI}}^{(1)} + 0.13 c_{\text{HQ}}^{(1)} + 0.13 c_{\text{HQ}}^{(3)} - 0.13 c_{\text{Hu}} + 0.33 c_{\text{lq}}^{(3)}$
EV18'	12.7	$-0.23 c_{\text{HD}} + 0.21 c_{\text{HI}}^{(3)} + 0.07 c_{\text{HW}} + 0.22 c_{\text{Hb}} + 0.10 c_{\text{He}} + 0.13 c_{\text{Hq}}^{(1)} + 0.05 c_{\text{HI}}^{(1)} + 0.10 c_{\text{HQ}}^{(1)} + 0.10 c_{\text{HQ}}^{(3)} + 0.89 c_{\text{Hu}} - 0.06 c_{\text{lq}}^{(3)}$
EV19'	7.94	$-0.08 \text{Re}(c_{\text{tG}}) - 0.63 c_{\text{G}} - 0.40 c_{\text{dd}}^{(1)} - 0.16 c_{\text{dd}}^{(8)} - 0.55 c_{\text{qd}}^{(8)} - 0.19 c_{\text{qq}}^{(1,1)} - 0.08 c_{\text{qq}}^{(1,8)} + 0.06 c_{\text{qq}}^{(3,1)} - 0.07 c_{\text{qq}}^{(3,8)} + 0.14 c_{\text{qu}}^{(8)} + 0.14 c_{\text{uu}}^{(1)} + 0.08 c_{\text{uu}}^{(8)}$
EV20'	3.08	$0.15 c_{\text{HB}} - 0.16 c_{\text{HW}} + 0.18 c_{\text{HWB}} - 0.18 c'_{\text{ll}} - 0.17 c_{\text{He}} - 0.08 c_{\text{HI}}^{(1)} + 0.08 c_{\text{Hu}} + 0.90 c_{\text{lq}}^{(3)} - 0.09 c_{\text{lq}}^{(1)} - 0.13 c_{\text{lu}}$
EV21'	2.31	$-0.15 c_{\text{dd}}^{(1)} - 0.07 c_{\text{dd}}^{(8)} + 0.39 c_{\text{qd}}^{(8)} - 0.43 c_{\text{qq}}^{(1,1)} + 0.18 c_{\text{qq}}^{(1,8)} - 0.10 c_{\text{qq}}^{(3,1)} - 0.36 c_{\text{qq}}^{(3,8)} - 0.23 c_{\text{qu}}^{(8)} - 0.21 c_{\text{ud}}^{(1)} + 0.19 c_{\text{ud}}^{(8)} + 0.55 c_{\text{uu}}^{(1)} + 0.15 c_{\text{uu}}^{(8)}$
EV22'	2.07	$0.18 c_{\text{G}} - 0.30 c_{\text{dd}}^{(1)} + 0.11 c_{\text{dd}}^{(8)} - 0.16 c_{\text{qd}}^{(8)} - 0.24 c_{\text{qq}}^{(1,1)} + 0.63 c_{\text{qq}}^{(1,8)} - 0.07 c_{\text{qq}}^{(3,1)} + 0.52 c_{\text{qq}}^{(3,8)} - 0.26 c_{\text{ud}}^{(1)} + 0.07 c_{\text{ud}}^{(8)} - 0.17 c_{\text{uu}}^{(1)} + 0.07 c_{\text{uu}}^{(8)}$
EV23'	1.81	$0.14 c_{\text{HD}} - 0.06 c_{\text{HI}}^{(3)} + 0.96 c_{\text{Hb}} - 0.12 c_{\text{He}} - 0.06 c_{\text{HI}}^{(1)} + 0.07 c_{\text{HQ}}^{(1)} + 0.07 c_{\text{HQ}}^{(3)} - 0.18 c_{\text{Hu}}$
EV24'	1.10	$0.20 c_{\text{HB}} + 0.19 c_{\text{Hq}}^{(3)} + 0.20 c_{\text{HI}}^{(3)} - 0.89 c_{\text{HW}} - 0.15 c_{\text{HWB}} - 0.13 \text{Re}(c_{\text{tH}}) + 0.09 c_{\text{HQ}}^{(1)} + 0.10 c_{\text{HQ}}^{(3)} + 0.06 c_{\text{Qq}}^{(3,1)} - 0.16 c_{\text{lq}}^{(3)} - 0.06 c_{\text{lq}}^{(1)}$
EV25'	0.514	$0.69 c_{\text{dd}}^{(1)} + 0.13 c_{\text{dd}}^{(8)} - 0.47 c_{\text{qd}}^{(8)} - 0.11 c_{\text{qq}}^{(1,1)} + 0.18 c_{\text{qq}}^{(1,8)} - 0.14 c_{\text{qq}}^{(3,1)} - 0.09 c_{\text{qq}}^{(3,8)} + 0.15 c_{\text{qu}}^{(8)} + 0.34 c_{\text{ud}}^{(8)} + 0.19 c_{\text{uu}}^{(1)} + 0.22 c_{\text{uu}}^{(8)}$
EV26'	0.307	$-0.10 c_{\text{HW}} + 0.07 \text{Re}(c_{\text{tG}}) + 0.16 \text{Re}(c_{\text{tH}}) - 0.44 c_{\text{Qq}}^{(3,1)} - 0.50 c_{\text{Qq}}^{(3,8)} + 0.15 c_{\text{Qd}}^{(8)} - 0.13 c_{\text{Qq}}^{(1,1)} + 0.06 c_{\text{Qq}}^{(1,8)} - 0.17 c_{\text{Qu}}^{(1)} - 0.18 c_{\text{Qu}}^{(8)} + 0.13 c_{\text{td}}^{(1)} + 0.28 c_{\text{td}}^{(8)} - 0.19 c_{\text{qt}}^{(1)} + 0.44 c_{\text{qt}}^{(8)} + 0.12 c_{\text{tu}}^{(1)} - 0.27 c_{\text{tu}}^{(8)}$
EV27'	0.185	$0.62 c_{\text{dd}}^{(8)} - 0.12 c_{\text{qd}}^{(8)} - 0.09 c_{\text{qq}}^{(3,8)} + 0.07 c_{\text{qu}}^{(8)} - 0.30 c_{\text{ud}}^{(1)} - 0.31 c_{\text{ud}}^{(8)} + 0.29 c_{\text{uu}}^{(1)} - 0.56 c_{\text{uu}}^{(8)}$
EV28'	0.172	$-0.05 c_{\text{HB}} - 0.12 c_{\text{Hd}} + 0.15 c_{\text{HD}} + 0.06 c_{\text{HW}} - 0.06 c_{\text{HWB}} + 0.06 \text{Re}(c_{\text{tH}}) - 0.08 c_{\text{He}} - 0.93 c_{\text{lq}}^{(1)} + 0.27 c_{\text{lu}}$
EV29'	0.128	$0.45 c_{\text{dd}}^{(8)} + 0.08 c_{\text{qd}}^{(1)} - 0.20 c_{\text{qq}}^{(1,1)} + 0.07 c_{\text{qq}}^{(3,1)} + 0.27 c_{\text{qu}}^{(1)} + 0.31 c_{\text{ud}}^{(1)} - 0.51 c_{\text{ud}}^{(8)} + 0.56 c_{\text{uu}}^{(8)}$
EV30'	0.0968	$0.16 c_{\text{HB}} + 0.40 c_{\text{Hd}} - 0.66 c_{\text{HD}} + 0.28 c_{\text{HWB}} + 0.12 c_{\text{Hb}} + 0.36 c_{\text{He}} + 0.18 c_{\text{HI}}^{(1)} - 0.23 c_{\text{Hu}} - 0.23 c_{\text{lq}}^{(1)} + 0.06 c_{\text{lu}}$
EV31'	0.0869	$-0.05 \text{Re}(c_{\text{tH}}) - 0.22 c_{\text{dd}}^{(1)} + 0.44 c_{\text{dd}}^{(8)} - 0.12 c_{\text{qd}}^{(1)} + 0.05 c_{\text{qd}}^{(8)} - 0.13 c_{\text{qq}}^{(1,1)} - 0.11 c_{\text{qq}}^{(1,8)} + 0.09 c_{\text{qq}}^{(3,1)} + 0.12 c_{\text{qq}}^{(3,8)} - 0.23 c_{\text{qu}}^{(1)} + 0.58 c_{\text{ud}}^{(1)} + 0.53 c_{\text{ud}}^{(8)} + 0.07 c_{\text{uu}}^{(1)} - 0.12 c_{\text{uu}}^{(8)}$