

Eigenvector	Eigenvalue	Definition in terms of the Wilson Coefficients
EV18	12.5	$-0.21 c_{\text{Hb}} + 0.24 c_{\text{HD}} - 0.13 c_{\text{Hq}}^{(1)} - 0.18 c_{\text{Hl}}^{(3)} - 0.09 c_{\text{HQ}}^{(1)} - 0.10 c_{\text{HQ}}^{(3)} - 0.89 c_{\text{Hu}} - 0.06 c_{\text{HW}} - 0.10 c_{\text{HWB}} + 0.13 c_{\text{lq}}^{(3)} + 0.07 c'_{\text{ll}}$
EV19	8.03	$-0.40 c_{\text{dd}}^{(1)} - 0.16 c_{\text{dd}}^{(8)} - 0.63 c_{\text{G}} - 0.56 c_{\text{qd}}^{(8)} - 0.19 c_{\text{qq}}^{(1,1)} - 0.08 c_{\text{qq}}^{(1,8)} + 0.06 c_{\text{qq}}^{(3,1)} - 0.07 c_{\text{qq}}^{(3,8)} + 0.14 c_{\text{qu}}^{(8)} + 0.14 c_{\text{uu}}^{(1)} + 0.08 c_{\text{uu}}^{(8)}$
EV20	4.97	$0.09 c_{\text{HQ}}^{(1)} - 0.10 c_{\text{HQ}}^{(3)} - 0.05 c_{\text{Ht}} - 0.22 c_{\text{Qd}}^{(8)} - 0.12 c_{\text{Qq}}^{(1,1)} + 0.29 c_{\text{Qq}}^{(1,8)} + 0.52 c_{\text{Qq}}^{(3,1)} - 0.35 c_{\text{Qq}}^{(3,8)} - 0.09 c_{\text{Qu}}^{(1)} - 0.36 c_{\text{Qu}}^{(8)} + 0.08 c_{\text{td}}^{(1)} - 0.25 c_{\text{td}}^{(8)} + 0.07 \text{Re}(c_{\text{tG}}) + 0.22 c_{\text{qt}}^{(8)} - 0.41 c_{\text{tu}}^{(8)} - 0.11 \text{Re}(c_{\text{tW}})$
EV21	4.49	$-0.12 c_{\text{HQ}}^{(1)} + 0.11 c_{\text{HQ}}^{(3)} - 0.13 c_{\text{Qq}}^{(1,1)} + 0.34 c_{\text{Qq}}^{(1,8)} - 0.78 c_{\text{Qq}}^{(3,1)} - 0.21 c_{\text{Qq}}^{(3,8)} - 0.12 c_{\text{Qu}}^{(8)} - 0.08 c_{\text{td}}^{(8)} + 0.09 \text{Re}(c_{\text{tG}}) + 0.06 \text{Re}(c_{\text{tH}}) + 0.05 c_{\text{qt}}^{(1)} + 0.31 c_{\text{qt}}^{(8)} - 0.17 c_{\text{tu}}^{(8)} - 0.09 \text{Re}(c_{\text{tW}})$
EV22	2.68	$-0.15 c_{\text{HB}} + 0.05 c_{\text{Hd}} + 0.18 c_{\text{He}} + 0.09 c_{\text{Hl}}^{(1)} - 0.09 c_{\text{Hu}} + 0.17 c_{\text{HW}} - 0.19 c_{\text{HWB}} + 0.08 c_{\text{lq}}^{(1)} - 0.89 c_{\text{lq}}^{(3)} + 0.19 c'_{\text{ll}} + 0.14 c_{\text{lu}}$
EV23	2.31	$-0.15 c_{\text{dd}}^{(1)} - 0.07 c_{\text{dd}}^{(8)} + 0.39 c_{\text{qd}}^{(8)} - 0.43 c_{\text{qq}}^{(1,1)} + 0.18 c_{\text{qq}}^{(1,8)} - 0.10 c_{\text{qq}}^{(3,1)} - 0.36 c_{\text{qq}}^{(3,8)} - 0.23 c_{\text{qu}}^{(8)} - 0.21 c_{\text{ud}}^{(1)} + 0.19 c_{\text{ud}}^{(8)} + 0.55 c_{\text{uu}}^{(1)} + 0.15 c_{\text{uu}}^{(8)}$
EV24	2.08	$-0.30 c_{\text{dd}}^{(1)} + 0.11 c_{\text{dd}}^{(8)} + 0.18 c_{\text{G}} - 0.16 c_{\text{qd}}^{(8)} - 0.24 c_{\text{qq}}^{(1,1)} + 0.63 c_{\text{qq}}^{(1,8)} - 0.08 c_{\text{qq}}^{(3,1)} + 0.51 c_{\text{qq}}^{(3,8)} - 0.26 c_{\text{ud}}^{(1)} + 0.07 c_{\text{ud}}^{(8)} - 0.17 c_{\text{uu}}^{(1)} + 0.07 c_{\text{uu}}^{(8)}$
EV25	1.81	$0.95 c_{\text{Hb}} + 0.14 c_{\text{HD}} - 0.11 c_{\text{He}} - 0.05 c_{\text{Hl}}^{(1)} - 0.06 c_{\text{Hl}}^{(3)} + 0.05 c_{\text{HQ}}^{(1)} + 0.08 c_{\text{HQ}}^{(3)} - 0.18 c_{\text{Hu}}$
EV26	1.41	$0.08 c_{\text{H}\square} + 0.62 c_{\text{HQ}}^{(1)} - 0.59 c_{\text{HQ}}^{(3)} - 0.41 c_{\text{Ht}} - 0.08 c_{\text{HW}} - 0.21 c_{\text{Qq}}^{(3,1)} + 0.06 c_{\text{Qq}}^{(3,8)} - 0.07 c_{\text{lQ}}^{(1)} + 0.07 c_{\text{lQ}}^{(3)} - 0.05 c_{\text{et}} - 0.10 \text{Re}(c_{\text{tH}}) + 0.07 c_{\text{qt}}^{(8)}$
EV27	1.11	$-0.20 c_{\text{HB}} - 0.19 c_{\text{Hq}}^{(3)} - 0.20 c_{\text{Hl}}^{(3)} - 0.15 c_{\text{HQ}}^{(3)} + 0.89 c_{\text{HW}} + 0.15 c_{\text{HWB}} + 0.06 c_{\text{lq}}^{(1)} + 0.16 c_{\text{lq}}^{(3)} + 0.09 \text{Re}(c_{\text{tH}})$
EV28	0.514	$-0.69 c_{\text{dd}}^{(1)} - 0.13 c_{\text{dd}}^{(8)} + 0.47 c_{\text{qd}}^{(8)} + 0.11 c_{\text{qq}}^{(1,1)} - 0.18 c_{\text{qq}}^{(1,8)} + 0.14 c_{\text{qq}}^{(3,1)} + 0.09 c_{\text{qq}}^{(3,8)} - 0.15 c_{\text{qu}}^{(8)} - 0.34 c_{\text{ud}}^{(8)} - 0.19 c_{\text{uu}}^{(1)} - 0.22 c_{\text{uu}}^{(8)}$
EV29	0.371	$-0.32 c_{\text{H}\square} + 0.08 c_{\text{HQ}}^{(1)} - 0.08 c_{\text{HQ}}^{(3)} - 0.08 c_{\text{Ht}} + 0.23 c_{\text{Qd}}^{(8)} + 0.18 c_{\text{Qq}}^{(1,1)} + 0.05 c_{\text{Qq}}^{(1,8)} - 0.27 c_{\text{Qq}}^{(3,8)} + 0.20 c_{\text{lQ}}^{(1)} - 0.21 c_{\text{lQ}}^{(3)} + 0.12 c_{\text{QQ}}^{(1)} - 0.24 c_{\text{Qt}}^{(1)} + 0.11 c_{\text{Qt}}^{(8)} - 0.10 c_{\text{Qu}}^{(1)} + 0.09 c_{\text{td}}^{(1)} + 0.29 c_{\text{td}}^{(8)} + 0.15 c_{\text{et}} + 0.32 \text{Re}(c_{\text{tH}}) - 0.35 c_{\text{qt}}^{(1)} - 0.06 c_{\text{qt}}^{(8)} + 0.07 c_{\text{lt}} + 0.40 c_{\text{tt}} + 0.10 c_{\text{tu}}^{(1)} + 0.09 \text{Re}(c_{\text{tW}})$
EV30	0.316	$-0.25 c_{\text{Qq}}^{(1,1)} - 0.65 c_{\text{Qq}}^{(1,8)} - 0.24 c_{\text{Qq}}^{(3,8)} + 0.16 c_{\text{lQ}}^{(1)} - 0.17 c_{\text{lQ}}^{(3)} - 0.16 c_{\text{Qu}}^{(8)} + 0.20 c_{\text{td}}^{(8)} + 0.12 c_{\text{et}} + 0.07 \text{Re}(c_{\text{tH}}) + 0.26 c_{\text{qt}}^{(1)} + 0.46 c_{\text{qt}}^{(8)} + 0.06 c_{\text{lt}} - 0.07 c_{\text{tt}} + 0.09 c_{\text{tu}}^{(8)}$
EV31	0.257	$-0.06 c_{\text{HQ}}^{(1)} + 0.06 c_{\text{HQ}}^{(3)} - 0.09 c_{\text{Qd}}^{(8)} - 0.14 c_{\text{Qq}}^{(1,1)} - 0.13 c_{\text{Qq}}^{(1,8)} + 0.14 c_{\text{Qq}}^{(3,8)} - 0.18 c_{\text{lQ}}^{(1)} + 0.19 c_{\text{lQ}}^{(3)} + 0.20 c_{\text{QQ}}^{(1)} - 0.39 c_{\text{Qt}}^{(1)} + 0.18 c_{\text{Qt}}^{(8)} + 0.12 c_{\text{Qu}}^{(1)} - 0.12 c_{\text{td}}^{(8)} - 0.13 c_{\text{et}} + 0.32 c_{\text{qt}}^{(1)} - 0.06 c_{\text{lt}} + 0.67 c_{\text{tt}} - 0.05 c_{\text{tu}}^{(1)} - 0.17 \text{Re}(c_{\text{tW}})$