

Eigenvector	Eigenvalue	Definition in terms of the Wilson Coefficients
EV32'	0.0782	$-0.14 c_{\text{Hd}} - 0.05 c_{\text{HD}} + 0.10 c_{\text{HW}} - 0.79 \text{Re}(c_{\text{tH}}) - 0.30 \text{Re}(c_{\text{tW}}) +$ $0.18 c_{\text{Qq}}^{(3,1)} - 0.19 c_{\text{Qq}}^{(3,8)} - 0.07 c_{\text{Qd}}^{(1)} + 0.08 c_{\text{Qq}}^{(1,1)} + 0.11 c_{\text{Qq}}^{(1,8)} - 0.08 c_{\text{Qu}}^{(1)} -$ $0.06 c_{\text{Qu}}^{(8)} + 0.15 c_{\text{td}}^{(1)} - 0.24 c_{\text{qt}}^{(1)} + 0.18 c_{\text{tu}}^{(1)} - 0.05 c_{\text{tu}}^{(8)} + 0.06 c_{\text{lu}} -$ $0.05 c_{\text{qq}}^{(3,8)} - 0.06 c_{\text{ud}}^{(8)}$
EV33'	0.0528	$0.11 \text{Re}(c_{\text{tH}}) + 0.07 c_{\text{Qq}}^{(1,8)} + 0.06 c_{\text{td}}^{(1)} - 0.06 c_{\text{qt}}^{(8)} - 0.24 c_{\text{dd}}^{(1)} + 0.11 c_{\text{dd}}^{(8)} -$ $0.08 c_{\text{qd}}^{(8)} + 0.43 c_{\text{qq}}^{(1,1)} + 0.46 c_{\text{qq}}^{(1,8)} - 0.21 c_{\text{qq}}^{(3,1)} - 0.61 c_{\text{qq}}^{(3,8)} + 0.05 c_{\text{qu}}^{(1)} +$ $0.14 c_{\text{ud}}^{(1)} + 0.08 c_{\text{ud}}^{(8)} - 0.21 c_{\text{uu}}^{(1)}$
EV34'	0.0424	$0.12 c_{\text{Hd}} + 0.33 \text{Re}(c_{\text{tH}}) - 0.22 \text{Re}(c_{\text{tW}}) + 0.32 c_{\text{Qq}}^{(3,1)} - 0.28 c_{\text{Qq}}^{(3,8)} +$ $0.25 c_{\text{Qd}}^{(8)} + 0.28 c_{\text{Qq}}^{(1,8)} + 0.08 c_{\text{Qu}}^{(1)} + 0.29 c_{\text{Qu}}^{(8)} + 0.41 c_{\text{td}}^{(1)} - 0.10 c_{\text{td}}^{(8)} -$ $0.08 c_{\text{qt}}^{(1)} - 0.35 c_{\text{qt}}^{(8)} + 0.18 c_{\text{tu}}^{(1)} - 0.18 c_{\text{tu}}^{(8)} - 0.07 c_{\text{qq}}^{(1,1)} - 0.10 c_{\text{qq}}^{(1,8)} +$ $0.09 c_{\text{qq}}^{(3,8)} - 0.05 c_{\text{ud}}^{(8)}$
EV35'	0.0330	$-0.07 c_{\text{dd}}^{(1)} + 0.39 c_{\text{qd}}^{(1)} - 0.07 c_{\text{qd}}^{(8)} + 0.09 c_{\text{qq}}^{(3,8)} + 0.82 c_{\text{qu}}^{(1)} + 0.10 c_{\text{ud}}^{(1)} +$ $0.22 c_{\text{ud}}^{(8)} - 0.29 c_{\text{uu}}^{(8)}$
EV36'	0.0280	$0.13 c_{\text{Hd}} + 0.05 c_{\text{HD}} - 0.05 \text{Re}(c_{\text{tH}}) - 0.06 \text{Re}(c_{\text{tW}}) - 0.14 c_{\text{lq}}^{(3)} - 0.27 c_{\text{lq}}^{(1)} -$ $0.93 c_{\text{lu}}$
EV37'	0.0236	$0.78 c_{\text{Hd}} + 0.27 c_{\text{HD}} - 0.07 c_{\text{Hl}}^{(3)} - 0.06 c_{\text{HWB}} - 0.29 \text{Re}(c_{\text{tW}}) - 0.06 c_{\text{Hb}} -$ $0.17 c_{\text{He}} + 0.10 c_{\text{Hq}}^{(1)} - 0.08 c_{\text{Hl}}^{(1)} - 0.09 c_{\text{HQ}}^{(1)} + 0.12 c_{\text{Hu}} + 0.11 c_{\text{Qq}}^{(3,1)} -$ $0.06 c_{\text{Qd}}^{(1)} - 0.13 c_{\text{Qd}}^{(8)} - 0.09 c_{\text{Qq}}^{(1,8)} - 0.08 c_{\text{Qu}}^{(1)} - 0.15 c_{\text{Qu}}^{(8)} - 0.10 c_{\text{td}}^{(1)} -$ $0.11 c_{\text{qt}}^{(1)} + 0.08 c_{\text{qt}}^{(8)} + 0.12 c_{\text{tu}}^{(8)} + 0.17 c_{\text{lu}}$
EV38'	0.0198	$0.36 c_{\text{Hd}} + 0.13 c_{\text{HD}} - 0.42 \text{Re}(c_{\text{tH}}) + 0.53 \text{Re}(c_{\text{tW}}) - 0.08 c_{\text{He}} + 0.05 c_{\text{Hu}} -$ $0.27 c_{\text{Qq}}^{(3,1)} + 0.07 c_{\text{Qq}}^{(3,8)} + 0.10 c_{\text{Qd}}^{(1)} + 0.26 c_{\text{Qd}}^{(8)} - 0.07 c_{\text{Qq}}^{(1,1)} + 0.16 c_{\text{Qq}}^{(1,8)} +$ $0.10 c_{\text{Qu}}^{(1)} + 0.25 c_{\text{Qu}}^{(8)} + 0.09 c_{\text{td}}^{(1)} + 0.18 c_{\text{qt}}^{(1)} - 0.12 c_{\text{qt}}^{(8)} - 0.25 c_{\text{tu}}^{(8)}$
EV39'	0.0183	$-0.06 c_{\text{Hd}} - 0.45 \text{Re}(c_{\text{tW}}) - 0.23 c_{\text{Qq}}^{(3,1)} + 0.21 c_{\text{Qq}}^{(3,8)} + 0.39 c_{\text{Qd}}^{(8)} -$ $0.06 c_{\text{Qq}}^{(1,1)} + 0.17 c_{\text{Qq}}^{(1,8)} - 0.25 c_{\text{Qu}}^{(1)} + 0.19 c_{\text{Qu}}^{(8)} - 0.35 c_{\text{td}}^{(1)} + 0.11 c_{\text{td}}^{(8)} -$ $0.10 c_{\text{qt}}^{(1)} - 0.17 c_{\text{qt}}^{(8)} - 0.44 c_{\text{tu}}^{(1)} - 0.19 c_{\text{tu}}^{(8)}$
EV40'	0.0104	$-0.14 \text{Re}(c_{\text{tH}}) - 0.25 \text{Re}(c_{\text{tW}}) - 0.09 c_{\text{Qq}}^{(3,1)} - 0.16 c_{\text{Qq}}^{(3,8)} + 0.17 c_{\text{Qd}}^{(1)} +$ $0.12 c_{\text{Qd}}^{(8)} - 0.47 c_{\text{Qq}}^{(1,1)} - 0.41 c_{\text{Qq}}^{(1,8)} + 0.22 c_{\text{Qu}}^{(1)} + 0.12 c_{\text{Qu}}^{(8)} + 0.32 c_{\text{td}}^{(1)} +$ $0.18 c_{\text{td}}^{(8)} + 0.26 c_{\text{qt}}^{(1)} - 0.23 c_{\text{tu}}^{(1)} + 0.35 c_{\text{tu}}^{(8)}$
EV41'	0.0082	$-0.87 c_{\text{qd}}^{(1)} - 0.12 c_{\text{qq}}^{(1,8)} + 0.43 c_{\text{qu}}^{(1)} - 0.14 c_{\text{ud}}^{(1)} + 0.10 c_{\text{ud}}^{(8)} + 0.07 c_{\text{uu}}^{(8)}$
EV42'	0.0066	$-0.20 \text{Re}(c_{\text{tW}}) - 0.46 c_{\text{Qq}}^{(3,1)} + 0.30 c_{\text{Qq}}^{(3,8)} - 0.08 c_{\text{Qd}}^{(1)} - 0.12 c_{\text{Qd}}^{(8)} +$ $0.16 c_{\text{Qq}}^{(1,1)} + 0.36 c_{\text{Qq}}^{(1,8)} - 0.17 c_{\text{Qu}}^{(1)} - 0.22 c_{\text{Qu}}^{(8)} + 0.52 c_{\text{td}}^{(1)} - 0.16 c_{\text{td}}^{(8)} +$ $0.22 c_{\text{qt}}^{(1)} - 0.05 c_{\text{qt}}^{(8)} + 0.24 c_{\text{tu}}^{(8)}$