$$\textbf{PC02 (4.25e+03):} +0.879c_{\tau\varphi} -0.360c_{b\varphi} -0.233c_{\varphi WB} -0.136c_{\varphi D} -0.127c_{\varphi B} -0.087c_{c\varphi} +0.030c_{\varphi G} -0.017c_{\varphi W} +0.013c_{tG} +0.013c_{\varphi W} +0.013c_{\varphi C} +0.013c_{\varphi$$

$$\textbf{PC03 (2.78e+03):} -0.747c_{\varphi WB} -0.433c_{\varphi D} -0.397c_{\varphi B} -0.290c_{\tau \varphi} +0.071c_{c\varphi} +0.065c_{b\varphi} -0.050c_{\varphi W} -0.023c_{tW} +0.021c_{tZ}$$

PC04 (1.88e+03):
$$-0.871c_{b\varphi}$$
 $-0.378c_{\tau\varphi}$ $-0.290c_{c\varphi}$ $+0.079c_{\varphi G}$ $+0.072c_{tG}$ $+0.051c_{\varphi WB}$ $-0.016c_{\varphi B}$ $-0.013c_{\varphi W}$

PC06 (2.18e+02):
$$-0.950c_{qq}^{1,3} + 0.300c_{\varphi Q}^{3} + 0.082c_{tW} + 0.023c_{tG} + 0.014c_{c\varphi}$$

$$\underline{\mathbf{PC08} \ (\mathbf{8.28e+01}):} \ -0.989 c_{tW} \ -0.088 c_{c\varphi} \ -0.084 c_{qq}^{1,3} \ +0.060 c_{\varphi B} \ +0.026 c_{b\varphi} \ -0.024 c_{\varphi W} \ -0.019 c_{tG} \ +0.017 c_{qq}^{1,8} \ +0.012 c_{\varphi Q}^{3} \ -0.011 c_{\varphi WB} \ +0.011 c_{ut}^{8}$$

 $\underline{\textbf{PC17 (3.77e-01):}} \quad -0.729c_{WWW} \quad +0.377c_{qq}^{8,3} \quad -0.297c_{ut}^{8} \quad +0.293c_{qt}^{8} \quad -0.231c_{qu}^{8} \quad +0.181c_{qq}^{1,8} \quad -0.153c_{dt}^{8} \quad +0.139c_{\varphi Q}^{(-)} \quad -0.120c_{qd}^{8} \\ -0.073c_{\varphi t} \quad -0.045c_{t\varphi} \quad +0.025c_{\varphi D} \quad -0.012c_{\varphi WB} \quad +0.012c_{tt}^{1}$

 $\underline{\mathbf{PC23}\ (\textbf{7.57e-03}):}\ +0.566c_{ut}^{8}\ -0.533c_{qu}^{8}\ +0.413c_{qt}^{8}\ -0.404c_{qq}^{1,8}\ +0.232c_{\varphi t}\ -0.083c_{qd}^{8}\ +0.036c_{tZ}\ +0.025c_{\varphi Q}^{(-)}$

 $\frac{\textbf{PC27 (1.06e-10):}}{+0.012c_{qq}^{1,1} + 0.255c_{Qt}^{8} + 0.215c_{QQ}^{8} + 0.215c_{QQ}^{8} + 0.135c_{qt}^{1} - 0.116c_{ut}^{1} + 0.087c_{qu}^{1} + 0.084c_{tt}^{1} - 0.067c_{dt}^{1} + 0.051c_{qd}^{1} + 0.044c_{QQ}^{1} + 0.028c_{Qt}^{1}} + 0.028c_{Qt}^{1}$

 $\underline{\mathbf{PC28}\ (\mathbf{5.27e-11}):} + 0.986c_{dt}^{1} + 0.107c_{Qt}^{8} + 0.097c_{QQ}^{8} - 0.049c_{ut}^{1} + 0.040c_{qu}^{1} + 0.033c_{qt}^{1} + 0.031c_{qd}^{1} + 0.020c_{tt}^{1} + 0.013c_{Qt}^{1} + 0.011c_{QQ}^{1} +$

 $\underline{\textbf{PC29 (5.27e-11):}} - 0.843c_{qt}^{1} - 0.297c_{tt}^{1} + 0.297c_{QQ}^{8} + 0.189c_{Qt}^{8} + 0.184c_{qu}^{1} - 0.143c_{QQ}^{1} - 0.136c_{ut}^{1} + 0.052c_{Qt}^{1} - 0.040c_{qd}^{1} - 0.028c_{dt}^{1} + 0.052c_{Qt}^{1} + 0.040c_{qd}^{1} - 0.0$

 $\underline{\textbf{PC30 (5.27e-11):}} \ -0.969c_{qd}^{1} \ +0.193c_{qu}^{1} \ +0.132c_{qt}^{1} \ +0.050c_{QQ}^{8} \ -0.040c_{tt}^{1} \ +0.037c_{Qt}^{8} \ -0.022c_{QQ}^{1} \ +0.010c_{dt}^{1} \ +0.01$

 $\underline{\textbf{PC31 (5.27e-11):}} + 0.892c_{qu}^{1} - 0.282c_{QQ}^{8} + 0.235c_{tt}^{1} - 0.187c_{Qt}^{8} + 0.137c_{qd}^{1} + 0.094c_{QQ}^{1} - 0.063c_{ut}^{1} - 0.044c_{qt}^{1} - 0.040c_{Qt}^{1}$

 $\underline{\textbf{PC32 (5.27e-11):}} + 0.923c_{ut}^1 + 0.273c_{Qt}^8 - 0.159c_{QQ}^1 + 0.141c_{qu}^1 + 0.107c_{QQ}^8 + 0.100c_{tt}^1 + 0.059c_{Qt}^1 + 0.043c_{qd}^1 - 0.026c_{qt}^1 + 0.043c_{qd}^1 + 0.0$

 $\underline{\textbf{PC33 (5.27e-11):}} + 0.799c_{QQ}^1 + 0.383c_{QQ}^8 - 0.281c_{Qt}^8 - 0.253c_{tt}^1 + 0.206c_{ut}^1 - 0.166c_{Qt}^1 + 0.050c_{qu}^1$

 $\underline{\textbf{PC34 (5.27e-11):}} \ -0.847c_{Qt}^{1} \ -0.326c_{QQ}^{1} \ +0.313c_{QQ}^{8} \ +0.206c_{tt}^{1} \ -0.188c_{Qt}^{8}$

 $\underline{\textbf{PC35 (5.27e-11):}} \ -0.564c_{Qt}^8 \ +0.515c_{QQ}^8 \ +0.490c_{Qt}^1 \ +0.351c_{tt}^1 \ -0.232c_{QQ}^1 \ +0.490c_{Qt}^2 \ +0.490c_{Qt}^$