Principal Components Analysis: smefit2.0, linear correction

PC 1 (5.37e+05): $+0.652c_{\varphi B} -0.624c_{\varphi G} -0.364c_{\varphi WB} +0.198c_{\varphi W} -0.088c_{b\varphi} +0.039c_{tW} -0.036c_{tG} -0.035c_{tZ} -0.028c_{c\varphi} -0.013c_{\tau\varphi}$

PC 2 (1.95e+05): $+0.773c_{\varphi G} +0.534c_{\varphi B} -0.290c_{\varphi WB} +0.163c_{\varphi W} +0.044c_{b\varphi} +0.042c_{tG} +0.032c_{tW} -0.029c_{tZ} +0.014c_{c\varphi}$

PC 3 (4.44e+03): $+0.827c_{\tau\varphi} -0.507c_{b\varphi} -0.164c_{\varphi WB} -0.101c_{\varphi B} -0.101c_{\varphi D} -0.097c_{c\varphi} +0.046c_{\varphi G}$

PC 4 (2.49e+03): $-0.693c_{b\varphi} -0.557c_{\tau\varphi} -0.318c_{\varphi WB} -0.212c_{\varphi B} -0.208c_{\varphi D} -0.120c_{c\varphi} +0.072c_{\varphi G} -0.018c_{\varphi W} -0.014c_{tW} +0.012c_{tZ}$

PC 5 (1.56e+03): $+0.693c_{\varphi WB} -0.441c_{b\varphi} +0.385c_{\varphi D} +0.345c_{\varphi B} -0.222c_{c\varphi} -0.072c_{\tau\varphi} +0.042c_{\varphi G} +0.030c_{\varphi W} -0.021c_{tG} +0.021c_{tW} -0.018c_{tZ} -0.011c_{\varphi\Box}$

PC 6 (3.32e+02): $-0.975c_{tG} -0.142c_{c\varphi} -0.079c_{qq}^{1,8} -0.074c_{qq}^{1,3} -0.071c_{qt}^{8} +0.060c_{b\varphi} +0.053c_{\varphi G} -0.035c_{ut}^{8} -0.028c_{qu}^{8} -0.027c_{\varphi WB} -0.027c_{\varphi W} -0.022c_{dt}^{8} +0.022c_{\varphi Q}^{3} -0.019c_{qd}^{8} -0.014c_{\varphi D} +0.013c_{\varphi Q}^{(-)} -0.012c_{\varphi\Box} +0.012c_{tW}$

PC 7 (2.80e+02): $-0.954c_{qq}^{1,3} +0.284c_{\varphi Q}^{3} +0.075c_{tG} +0.048c_{tW} +0.022c_{qq}^{8,3} +0.020c_{c\varphi}$

PC 8 (1.75e+02): $+0.921c_{c\varphi} +0.235c_{\varphi W} -0.226c_{b\varphi} -0.157c_{tG} +0.106c_{\varphi WB} +0.063c_{\varphi D} +0.062c_{\varphi\Box} -0.014c_{qq}^{1,8} +0.014c_{WWW} -0.013c_{t\varphi} -0.012c_{qt}^{8} +0.011c_{qq}^{1,3} -0.010c_{\varphi B}$

PC 9 (8.47e+01): $+0.997c_{tW} -0.056c_{\varphi B} +0.055c_{qq}^{1,3} +0.014c_{\varphi Q}^{3} +0.010c_{qq}^{8,3}$

PC 10 (3.55e+01): $-0.797c_{qq}^{1,8} -0.430c_{ut}^{8} -0.213c_{qt}^{8} -0.204c_{dt}^{8} -0.202c_{qq}^{1,1} -0.131c_{ut}^{1} +0.100c_{tG} -0.096c_{qq}^{8,3} -0.076c_{dt}^{1} +0.060c_{qu}^{1} +0.049c_{qu}^{8} +0.039c_{\varphi Q}^{(-)} -0.029c_{\varphi Q}^{3} -0.025c_{\varphi t} +0.025c_{qd}^{1} +0.014c_{qt}^{1}$

PC 11 (2.28e+01): $-0.882c_{\varphi W} +0.305c_{\varphi B} -0.262c_{\varphi D} +0.223c_{c\varphi} +0.065c_{\varphi WB} -0.060c_{b\varphi} -0.050c_{WWW} -0.023c_{t\varphi} -0.012c_{tG} -0.010c_{qq}^{1,8}$

PC 12 (1.81e+01): $-0.737c_{qt}^{8} +0.354c_{qt}^{1} -0.304c_{qu}^{8} +0.289c_{qu}^{1} +0.241c_{qq}^{8,3} +0.163c_{ut}^{8} -0.144c_{qd}^{8} +0.123c_{qd}^{1} +0.106c_{qq}^{1,1} +0.088c_{ut}^{1} +0.059c_{dt}^{8} +0.059c_{tG} +0.055c_{\varphi Q}^{(-)} +0.045c_{\varphi Q}^{3} +0.044c_{qq}^{1,8} -0.035c_{\varphi t} +0.020c_{dt}^{1} +0.016c_{qq}^{1,3} -0.011c_{\varphi W}$

PC 13 (7.95e+00): $-0.946c_{\varphi Q}^{3} -0.283c_{qq}^{1,3} -0.109c_{qq}^{8,3} +0.056c_{qq}^{1,8} +0.047c_{qt}^{1} -0.039c_{qt}^{8} +0.039c_{qu}^{1} -0.035c_{qu}^{8} +0.029c_{tW} -0.023c_{\varphi Q}^{(-)} +0.018c_{qd}^{1} -0.015c_{\varphi D} -0.013c_{qd}^{8} +0.011c_{\varphi W}$

PC 14 (3.91e+00): $+0.396c_{ut}^{8} -0.381c_{qt}^{1} +0.378c_{qq}^{8,3} -0.360c_{qu}^{1} -0.338c_{qq}^{1,8} +0.302c_{\varphi Q}^{(-)} +0.201c_{dt}^{8} -0.194c_{\varphi t} +0.178c_{qq}^{1,1} -0.167c_{qd}^{1} +0.166c_{qu}^{8} -0.160c_{qt}^{8} -0.101c_{\varphi Q}^{3} +0.086c_{ut}^{1} +0.079c_{dt}^{1} +0.056c_{qd}^{8} +0.040c_{tZ} -0.020c_{qq}^{1,3} +0.014c_{tG} +0.014c_{\varphi D} -0.010c_{t\varphi}$

PC 15 (2.52e+00): $+0.988c_{WWW}$ $+0.098c_{\varphi D}$ $-0.089c_{\varphi W}$ $-0.060c_{\varphi WB}$ $+0.028c_{\varphi Q}^{(-)}$ $-0.014c_{\varphi\Box}$ $-0.013c_{\varphi t}$ $-0.012c_{qq}^{8,3}$

PC 16 (2.26e+00): $+0.828c_{\varphi D}$ $-0.385c_{\varphi WB}$ $-0.290c_{\varphi W}$ $-0.177c_{\varphi\Box}$ $-0.139c_{WWW}$ $-0.126c_{\varphi B}$ $+0.070c_{\varphi Q}^{(-)}$ $+0.066c_{c\varphi}$ $-0.033c_{\varphi t}$ $-0.032c_{t\varphi}$ $-0.031c_{b\varphi}$ $-0.023c_{qq}^{8,3}$ $+0.016c_{qq}^{1,8}$ $+0.016c_{qt}^{1}$ $+0.016c_{qt}^{8}$ $-0.015c_{tZ}$ $-0.014c_{qu}^{8}$ $-0.013c_{ut}^{8}$ $+0.013c_{qu}^{1}$ $-0.013c_{\varphi Q}^{3}$ $-0.011c_{dt}^{8}$ $-0.010c_{qd}^{8}$

PC 17 (1.73e+00): $+0.723c_{\varphi Q}^{(-)}$ $-0.445c_{\varphi t}$ $-0.304c_{qu}^{8}$ $-0.230c_{qq}^{8,3}$ $-0.209c_{qd}^{8}$ $+0.138c_{qq}^{1,8}$ $+0.135c_{qt}^{8}$ $-0.124c_{dt}^{8}$ $-0.119c_{ut}^{8}$ $+0.095c_{tZ}$ $-0.071c_{\varphi D}$ $-0.055c_{qq}^{1,1}$ $+0.035c_{\varphi WB}$ $+0.026c_{\varphi W}$ $-0.025c_{WWW}$ $+0.023c_{\varphi Q}^{3}$ $-0.023c_{qu}^{1}$ $+0.020c_{qt}^{1}$ $+0.019c_{t\varphi}$ $+0.019c_{qd}^{1}$ $+0.018c_{\varphi B}$ $-0.017c_{ut}^{1}$ $+0.017c_{\varphi\Box}$ $-0.015c_{dt}^{1}$ $+0.013c_{tG}$

PC 18 (9.00e-01): $+0.489c_{qt}^{8}$ $+0.445c_{qt}^{1}$ $+0.366c_{qu}^{1}$ $+0.334c_{qq}^{1,1}$ $-0.310c_{qq}^{1,8}$ $+0.208c_{qq}^{8,3}$ $+0.196c_{ut}^{1}$ $+0.179c_{qu}^{8}$ $+0.141c_{\varphi\Box}$ $+0.135c_{ut}^{8}$ $+0.127c_{qd}^{1}$ $-0.124c_{t\varphi}$ $-0.107c_{qd}^{8}$ $+0.096c_{\varphi Q}^{(-)}$ $+0.087c_{dt}^{1}$ $-0.067c_{\varphi t}$ $+0.047c_{dt}^{8}$ $-0.029c_{\varphi Q}^{3}$ $-0.015c_{tG}$ $+0.015c_{tZ}$ $-0.014c_{c\varphi}$ $-0.010c_{tt}^{1}$

PC 19 (6.19e-01): $+0.768c_{\varphi\Box}$ $-0.393c_{t\varphi}$ $+0.267c_{qd}^{8}$ $+0.205c_{qu}^{8}$ $-0.191c_{ut}^{8}$ $+0.181c_{qq}^{1,8}$ $-0.163c_{qt}^{8}$ $+0.105c_{\varphi Q}^{(-)}$ $+0.104c_{\varphi D}$ $-0.067c_{\varphi t}$ $+0.060c_{qu}^{1}$ $-0.056c_{qt}^{1}$ $-0.049c_{qq}^{1,1}$ $-0.049c_{c\varphi}$ $+0.048c_{qq}^{8,3}$ $-0.048c_{\varphi WB}$ $-0.044c_{\varphi W}$ $-0.036c_{ut}^{1}$ $-0.021c_{dt}^{1}$ $-0.015c_{\varphi B}$ $-0.011c_{qd}^{1}$ $+0.010c_{tZ}$

PC 20 (5.24e-01): $-0.456c_{qd}^{8}$ $+0.434c_{ut}^{8}$ $+0.390c_{\varphi\Box}$ $-0.371c_{qu}^{8}$ $-0.325c_{qq}^{1,1}$ $-0.196c_{qq}^{1,8}$ $-0.193c_{\varphi Q}^{(-)}$ $-0.179c_{qu}^{1}$ $-0.175c_{ut}^{1}$ $+0.154c_{qt}^{8}$ $-0.126c_{t\varphi}$ $+0.108c_{\varphi t}$ $-0.079c_{dt}^{1}$ $+0.066c_{\varphi D}$ $-0.064c_{qq}^{8,3}$ $-0.032c_{tZ}$ $-0.031c_{\varphi W}$ $-0.031c_{\varphi WB}$ $+0.023c_{qd}^{1}$ $-0.019c_{c\varphi}$ $-0.012c_{dt}^{8}$ $-0.011c_{\varphi B}$ $+0.010c_{qt}^{1}$ $+0.010c_{\varphi Q}^{3}$

PC 21 (2.55e-01): $-0.659c_{t\varphi}$ $-0.421c_{\varphi\Box}$ $-0.365c_{qq}^{1,1}$ $+0.328c_{qq}^{8,3}$ $-0.235c_{ut}^{1}$ $+0.123c_{qu}^{1}$ $-0.107c_{dt}^{1}$ $+0.103c_{tt}^{1}$ $+0.099c_{qu}^{8}$ $+0.091c_{qq}^{1,8}$ $-0.086c_{\varphi t}$ $-0.084c_{\varphi D}$ $+0.060c_{qt}^{8}$ $+0.058c_{Qt}^{8}$ $+0.053c_{\varphi W}$ $+0.051c_{QQ}^{1}$ $+0.049c_{ut}^{8}$ $+0.046c_{\varphi Q}^{(-)}$ $-0.046c_{dt}^{8}$ $+0.038c_{\varphi WB}$ $-0.032c_{\varphi Q}^{3}$ $+0.025c_{qd}^{1}$ $+0.017c_{QQ}^{8}$ $-0.015c_{tG}$ $+0.014c_{qt}^{1}$

PC 22 (1.81e-01): $+0.622c_{qq}^{8,3}$ $+0.530c_{t\varphi}$ $-0.231c_{qq}^{1,1}$ $-0.206c_{ut}^{1}$ $+0.205c_{tt}^{1}$ $-0.184c_{ut}^{8}$ $+0.159c_{\varphi\Box}$ $+0.143c_{qu}^{1}$ $+0.143c_{qt}^{8}$ $+0.127c_{qq}^{1,8}$ $-0.120c_{\varphi t}$ $+0.118c_{Qt}^{8}$ $-0.110c_{dt}^{8}$ $+0.101c_{QQ}^{1}$ $-0.086c_{qd}^{8}$ $-0.070c_{dt}^{1}$ $-0.067c_{\varphi Q}^{3}$ $-0.052c_{qt}^{1}$ $+0.047c_{tZ}$ $-0.045c_{qd}^{1}$ $+0.038c_{\varphi D}$ $+0.036c_{QQ}^{8}$ $-0.034c_{\varphi Q}^{(-)}$ $-0.023c_{\varphi W}$ $-0.017c_{\varphi WB}$

PC 23 (1.15e-01): $+0.535c_{tt}^{1}$ $+0.350c_{ut}^{8}$ $-0.347c_{qq}^{8,3}$ $+0.310c_{qu}^{8}$ $+0.305c_{Qt}^{8}$ $+0.263c_{QQ}^{1}$ $+0.203c_{\varphi Q}^{(-)}$ $+0.190c_{qu}^{1}$ $-0.174c_{qq}^{1,1}$ $+0.165c_{t\varphi}$ $+0.132c_{\varphi t}$ $+0.120c_{qd}^{8}$ $+0.096c_{qd}^{1}$ $-0.093c_{qt}^{8}$ $+0.091c_{QQ}^{8}$ $-0.076c_{dt}^{1}$ $+0.066c_{dt}^{8}$ $+0.060c_{tZ}$ $+0.047c_{qt}^{1}$ $-0.042c_{ut}^{1}$ $-0.040c_{qq}^{1,8}$ $+0.037c_{\varphi Q}^{3}$ $-0.011c_{tG}$ $+0.011c_{\varphi\Box}$

PC 24 (7.45e-02): $-0.527c_{tt}^{1}$ $+0.356c_{qu}^{1}$ $-0.298c_{qq}^{1,1}$ $-0.297c_{Qt}^{8}$ $+0.285c_{ut}^{8}$ $+0.282c_{qu}^{8}$ $-0.259c_{QQ}^{1}$ $+0.211c_{t\varphi}$ $+0.199c_{\varphi Q}^{(-)}$ $-0.151c_{ut}^{1}$ $+0.145c_{tZ}$ $+0.126c_{\varphi t}$ $-0.114c_{dt}^{1}$ $-0.113c_{qt}^{1}$ $+0.088c_{qd}^{1}$ $-0.087c_{QQ}^{8}$ $-0.046c_{qq}^{8,3}$ $+0.045c_{qd}^{8}$ $-0.029c_{qt}^{8}$ $+0.023c_{qq}^{1,8}$ $-0.011c_{tG}$

PC 25 (4.68e-02): $-0.539c_{qu}^{1}$ $-0.480c_{dt}^{8}$ $+0.459c_{qt}^{1}$ $+0.230c_{qd}^{1}$ $+0.214c_{tZ}$ $+0.208c_{qu}^{8}$ $+0.170c_{dt}^{1}$ $-0.170c_{qq}^{1,1}$ $+0.141c_{qd}^{8}$ $+0.116c_{ut}^{8}$ $+0.097c_{qq}^{8,3}$ $+0.084c_{ut}^{1}$ $+0.065c_{qq}^{1,8}$ $+0.065c_{t\varphi}$ $-0.059c_{tt}^{1}$ $-0.049c_{qt}^{8}$ $+0.040c_{\varphi Q}^{(-)}$ $+0.031c_{\varphi t}$ $-0.029c_{QQ}^{1}$ $-0.029c_{Qt}^{8}$ $-0.010c_{\varphi Q}^{3}$

PC 26 (3.56e-02): $-0.807c_{tZ}$ $-0.408c_{\varphi t}$ $-0.212c_{dt}^{8}$ $+0.199c_{qd}^{1}$ $+0.166c_{ut}^{8}$ $-0.109c_{\varphi Q}^{(-)}$ $-0.104c_{qq}^{1,1}$ $+0.103c_{qu}^{8}$ $+0.096c_{ut}^{1}$ $+0.089c_{qd}^{8}$ $+0.085c_{t\varphi}$ $-0.050c_{qq}^{8,3}$ $-0.045c_{qt}^{1}$ $+0.045c_{qu}^{1}$ $-0.041c_{tt}^{1}$ $-0.036c_{\varphi B}$ $-0.026c_{qt}^{8}$ $-0.022c_{Qt}^{8}$ $-0.020c_{\varphi D}$ $-0.020c_{QQ}^{1}$ $+0.017c_{dt}^{1}$

$-0.010c_{\varphi W}$

PC 27 (2.64e-02): $-0.477c_{tZ}+0.470c_{\varphi t}-0.389c_{qd}^1+0.376c_{\varphi Q}^{(-)}+0.303c_{qt}^1+0.215c_{dt}^8+0.157c_{dt}^1-0.151c_{qq}^{1,1}-0.142c_{qu}^1-0.135c_{ut}^8$ $-0.099c_{qd}^8+0.081c_{qu}^8+0.079c_{qq}^{8,3}-0.073c_{ut}^1-0.041c_{tt}^1+0.039c_{t\varphi}+0.032c_{qq}^{1,8}-0.020c_{Qt}^8-0.020c_{QQ}^1-0.020c_{\varphi B}-0.019c_{\varphi D}$ $-0.014c_{\varphi Q}^3$

PC 28 (2.54e-02): $+0.606c_{ut}^1-0.543c_{qq}^{1,1}+0.329c_{dt}^1-0.264c_{qd}^1+0.218c_{dt}^8-0.209c_{\varphi t}+0.152c_{tZ}-0.136c_{\varphi Q}^{(-)}+0.114c_{qu}^1+0.076c_{qd}^8$ $-0.056c_{qu}^8-0.040c_{qq}^{1,8}+0.036c_{qt}^1-0.031c_{qq}^{8,3}+0.030c_{qt}^8-0.028c_{ut}^8+0.014c_{t\varphi}$

PC 29 (1.61e-02): $+0.486c_{\varphi t}-0.421c_{qt}^1-0.364c_{dt}^8+0.337c_{ut}^1+0.321c_{qd}^1+0.260c_{dt}^1-0.217c_{qu}^8+0.216c_{\varphi Q}^{(-)}+0.164c_{qu}^1+0.151c_{qq}^{8,3}$ $-0.087c_{t\varphi}-0.079c_{tZ}+0.071c_{tt}^1+0.057c_{qt}^8+0.035c_{QQ}^1+0.033c_{Qt}^8-0.022c_{ut}^8-0.022c_{\varphi Q}^3$

PC 30 (1.14e-02): $-0.569c_{dt}^1+0.459c_{qd}^8-0.322c_{qu}^8+0.312c_{dt}^8+0.293c_{qd}^1+0.207c_{ut}^1-0.159c_{qu}^1-0.138c_{qq}^{1,1}+0.136c_{qt}^8+0.126c_{qt}^1$ $+0.121c_{qq}^{8,3}+0.118c_{\varphi Q}^{(-)}+0.110c_{\varphi t}-0.084c_{qq}^{1,8}-0.066c_{tZ}+0.053c_{t\varphi}-0.023c_{tt}^1-0.020c_{ut}^8-0.019c_{Qt}^8-0.013c_{\varphi Q}^3-0.012c_{QQ}^1$

PC 31 (7.51e-03): $+0.598c_{dt}^1+0.470c_{qd}^1+0.426c_{dt}^8-0.404c_{ut}^1+0.189c_{qd}^8-0.127c_{qu}^8-0.077c_{qq}^{1,1}-0.066c_{ut}^8-0.065c_{\varphi t}+0.053c_{qt}^8$ $-0.052c_{qq}^{1,8}-0.045c_{qu}^1+0.043c_{t\varphi}-0.015c_{tt}^1-0.011c_{qq}^{8,3}$

PC 32 (5.75e-03): $-0.572c_{qd}^8+0.443c_{qd}^1+0.393c_{qu}^8+0.311c_{dt}^8-0.259c_{ut}^8+0.256c_{ut}^1-0.183c_{qu}^1-0.164c_{dt}^1+0.099c_{qq}^{1,8}-0.095c_{qt}^8$ $-0.085c_{qt}^1-0.076c_{qq}^{1,1}-0.015c_{QQ}^8+0.015c_{qq}^{8,3}-0.013c_{Qt}^8$

PC 33 (1.18e-03): $-0.702c_{QQ}^8-0.579c_{Qt}^8+0.362c_{tt}^1+0.168c_{QQ}^1-0.110c_{Qt}^1-0.014c_{ut}^1+0.012c_{dt}^1+0.010c_{qd}^8$

PC 34 (5.11e-11): $-0.659c_{Qt}^1+0.571c_{QQ}^8-0.465c_{Qt}^8+0.148c_{tt}^1+0.030c_{QQ}^1$

PC 35 (5.11e-11): $+0.889c_{QQ}^1-0.366c_{tt}^1+0.183c_{Qt}^1-0.160c_{Qt}^8+0.128c_{QQ}^8$

PC 36 (5.11e-11): $-0.721c_{Qt}^1+0.469c_{Qt}^8-0.383c_{QQ}^8-0.291c_{tt}^1+0.168c_{QQ}^1$