Class	Coefficients	NS NLO quadratic		NS LO quadratic	
		Fitted	Fixed	Fitted	Fixed
2FB	$c_{t\varphi}$	✓		✓	
	c_{tG}	✓		✓	
	$c_{b\varphi}$	✓		✓	
	$c_{c\varphi}$	✓		✓	
	$c_{\tau\varphi}$	✓		✓	
	c_{tW}	✓		✓	
	c_{tZ}	✓		✓	
	$c_{\varphi l_1}$		$=-0.250\ c_{\varphi D}$		$=-0.250\ c_{\varphi D}$
	$c_{\varphi l_1}^3$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$
	$c_{\varphi l_2}$		$=-0.250\ c_{\varphi D}$		$=-0.250\ c_{\varphi D}$
	$c_{\varphi l_2}^3$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$
	$c_{\varphi l_3}$		$=-0.250\ c_{\varphi D}$		$=-0.250\ c_{\varphi D}$
	$c_{\varphi l_3}^3$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$
	$c_{\varphi e}$		$=-0.500\ c_{\varphi D}$		$=-0.500\ c_{\varphi D}$
	$c_{\varphi \mu}$		$=-0.500\ c_{\varphi D}$		$=-0.500\ c_{\varphi D}$
	$c_{\varphi \tau}$		$=-0.500\ c_{\varphi D}$		$=-0.500\ c_{\varphi D}$
	$c_{\varphi q}^3$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$		$=-0.842\ c_{\varphi D}-1.835\ c_{\varphi WB}$
	$c_{\varphi Q}^3$	✓		✓	
	$c_{\varphi q}^{(-)}$		$=+0.925\ c_{\varphi D}+1.835\ c_{\varphi WB}$		$=+0.925\ c_{\varphi D}+1.835\ c_{\varphi WB}$
	$c_{\varphi Q}^{(-)}$	✓		✓	
	$c_{\varphi u}$		$=+0.333\ c_{\varphi D}$		$=+0.333\ c_{\varphi D}$
	$c_{\varphi d}$		$=-0.167\ c_{\varphi D}$		$=-0.167\ c_{\varphi D}$
	$c_{\varphi t}$	✓		✓	
	c_{ll}		$=+0.0$		$=+0.0$
2Q2q	$c_{qq}^{1,8}$	✓		✓	
	$c_{qq}^{1,1}$	✓		✓	
	$c_{qq}^{8,3}$	✓		✓	
	$c_{qq}^{1,3}$	✓		✓	
	c_{qt}^8	✓		✓	
	c_{qt}^1	✓		✓	
	c_{ut}^8	✓		✓	
	c_{ut}^1	✓		✓	
	c_{qu}^8	✓		✓	
	c_{qu}^1	✓		✓	
	c_{dt}^8	✓		✓	
	c_{dt}^1	✓		✓	
	c_{qd}^8	✓		✓	
	c_{qd}^1	✓		✓	
4Q	c_{QQ}^1	✓		✓	
	c_{QQ}^8	✓		✓	
	c_{Qt}^1	✓		✓	
	c_{Qt}^8	✓		✓	
	c_{tt}^1	✓		✓	
B	$c_{\varphi G}$	✓		✓	
	$c_{\varphi B}$	✓		✓	
	$c_{\varphi W}$	✓		✓	
	$c_{\varphi WB}$	✓		✓	
	$c_{\varphi \Box}$	✓		✓	
	$c_{\varphi D}$	✓		✓	
	c_{WWW}	✓		✓	
	Number fitted coefficients	36		36	

Table 1: Coefficient comparison