

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

Table 1: Coefficient comparison