

Class	Coefficients	old		new	
		Fitted	Fixed	Fitted	Fixed
2FB	$c_{tG}^{1,8}$	✓		✓	
2L2H	$c_{Qq}^{1,1}$	✓		✓	
	$c_{Qq}^{1,1}$	✓		✓	
	$c_{Qq}^{3,8}$	✓		✓	
	$c_{Qq}^{3,1}$	✓		✓	
	c_{tq}^8	✓		✓	
	c_{tq}^1	✓		✓	
	c_{tu}^8	✓		✓	
	c_{tu}^1	✓		✓	
	c_{Qu}^8	✓		✓	
	c_{Qu}^1	✓		✓	
	c_{td}^8	✓		✓	
	c_{td}^1	✓		✓	
	c_{Qd}^8	✓		✓	
	c_{Qd}^1	✓		✓	
Number fitted coefficients		15		15	

Table 1: Coefficient comparison

Type	Datasets	old	new
tt	ATLAS_tt_13TeV_asy_2022	✓	✓

Table 1: Dataset comparison

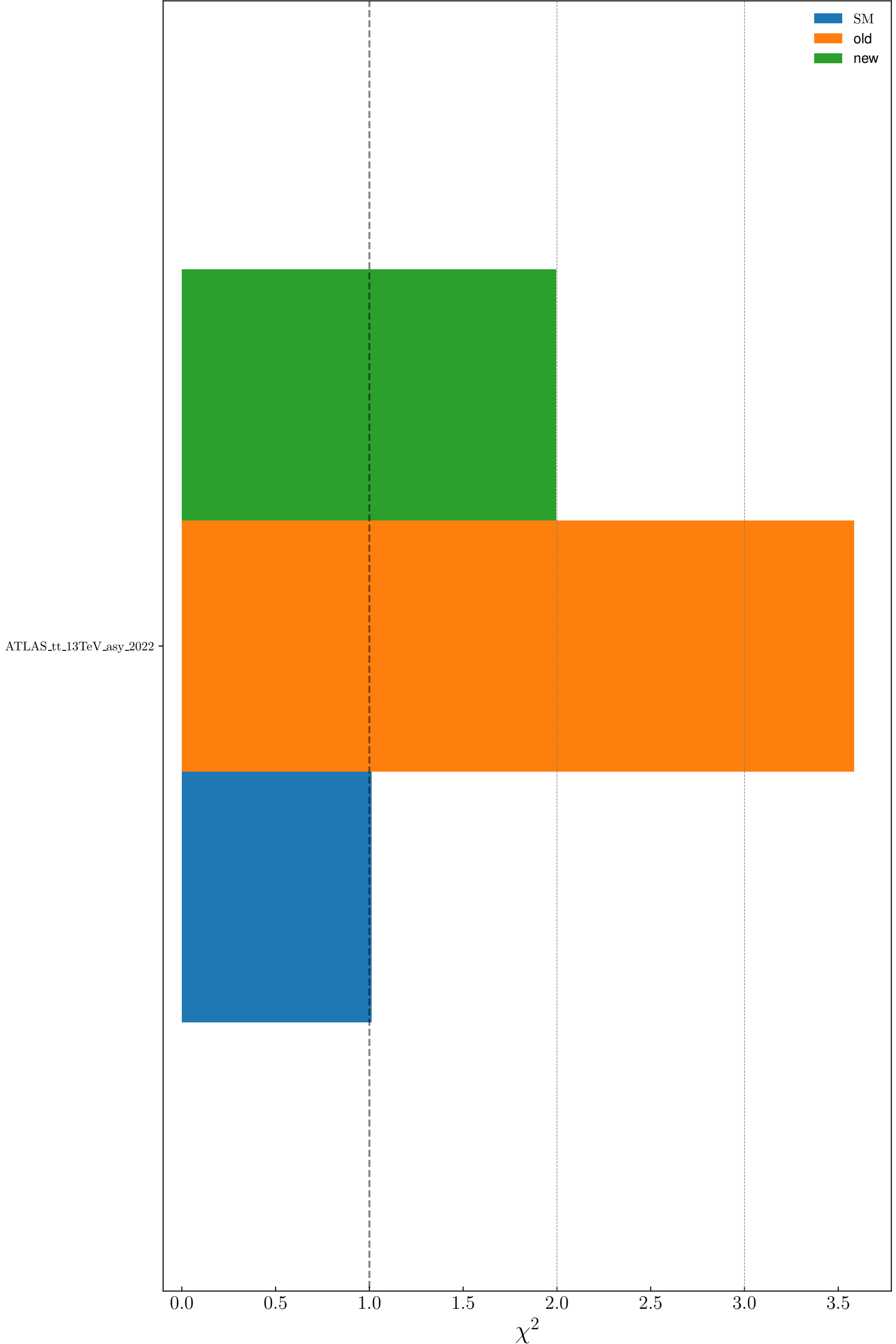
χ^2 table. Blue color text represents a value that is lower than the SM χ^2 by more than one standard deviation of the χ^2 distribution. Similarly, red color text represents values that are higher than the SM χ^2 by more than one standard deviation. In parenthesis is the total SM χ^2 for the dataset included in the fit.

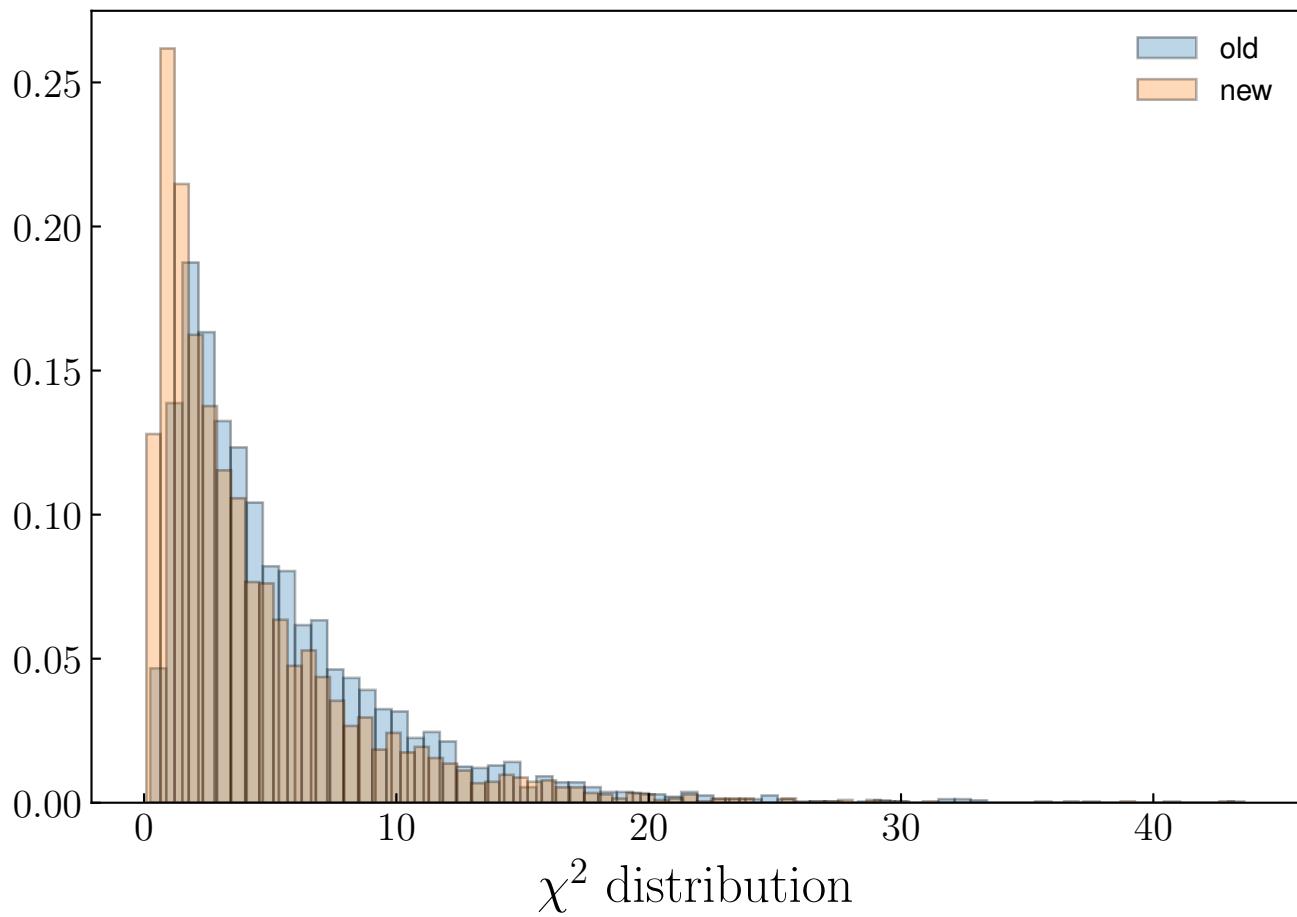
		SM	old	new
Process	N_{data}	χ^2/N_{data}	χ^2/N_{data}	χ^2/N_{data}
ATLAS_tt_13TeV_asy_2022	5	1.011	3.583	1.996
Total			3.583 (1.011)	1.996 (1.011)

Table 1: χ^2 table for tt data

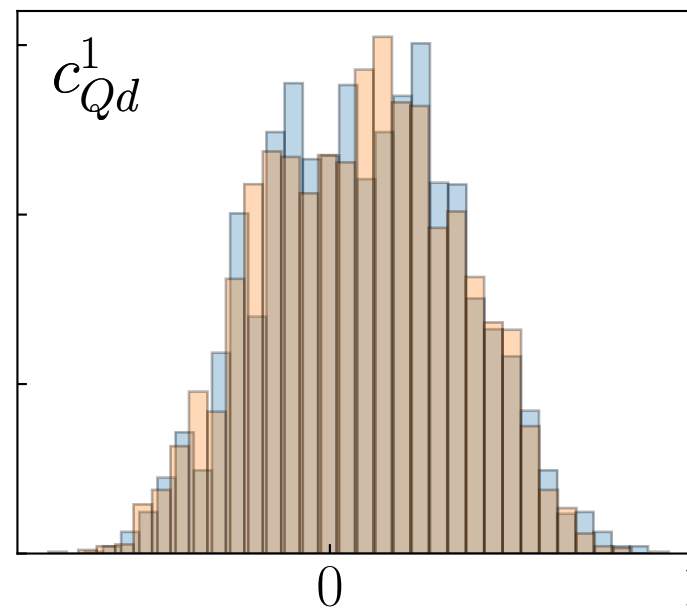
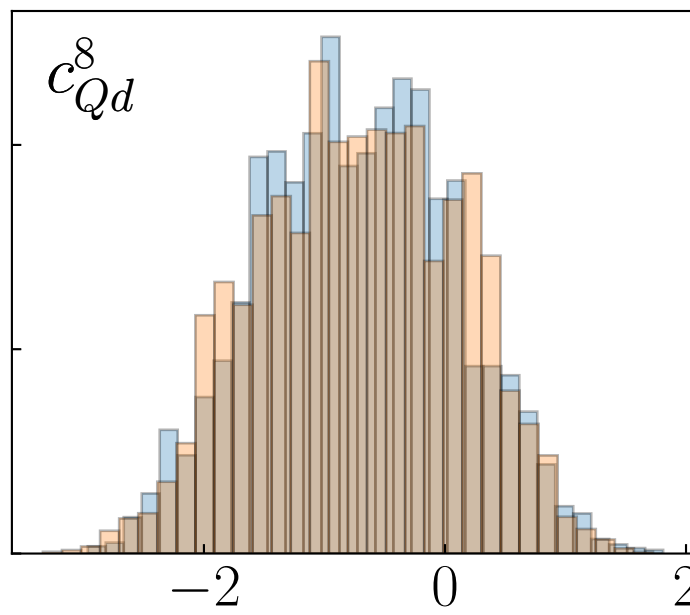
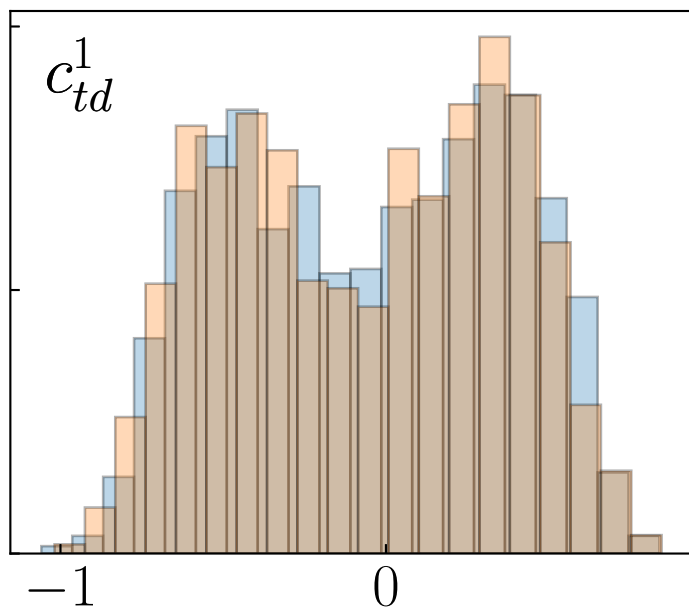
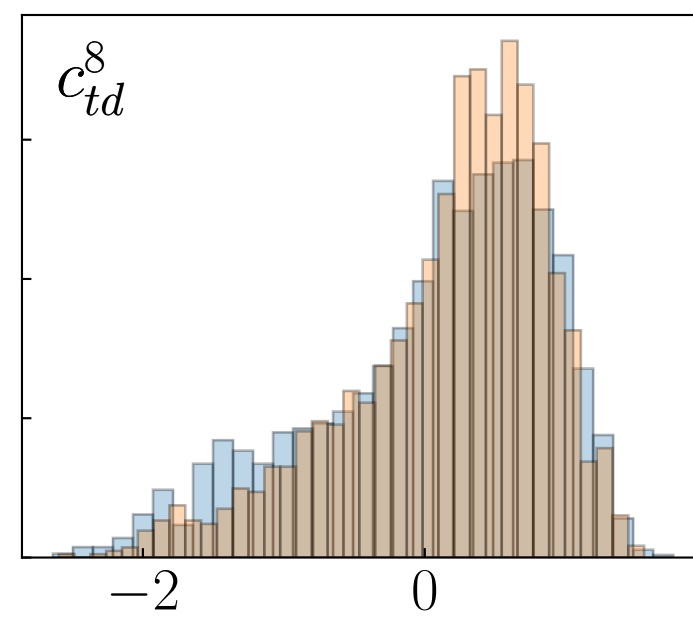
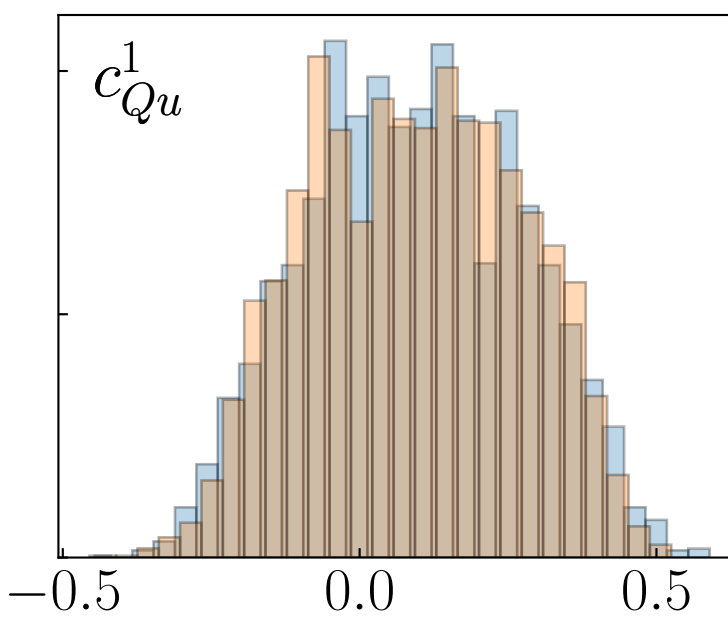
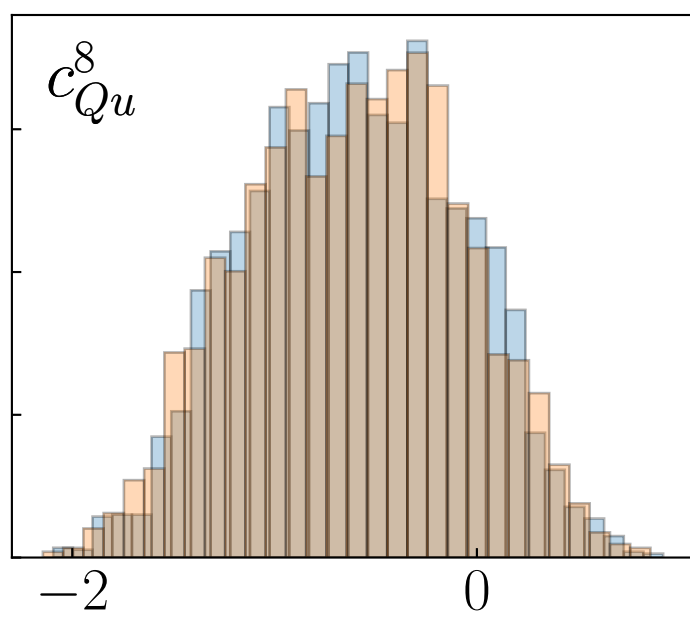
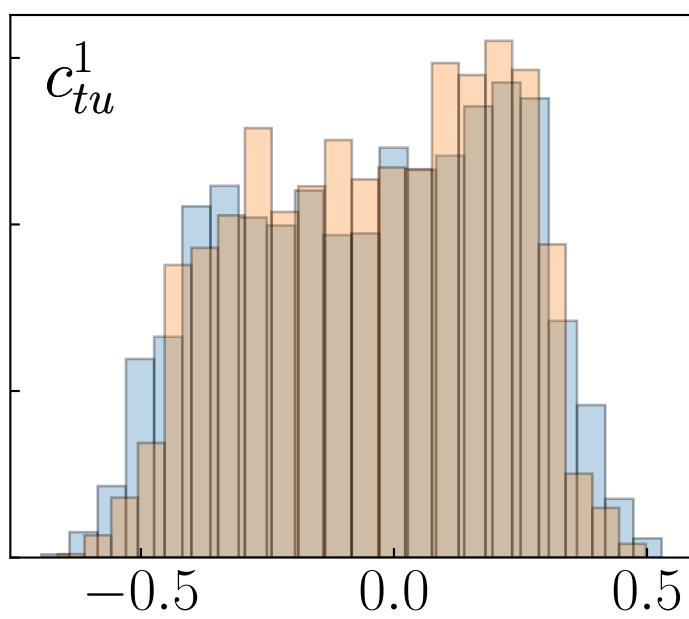
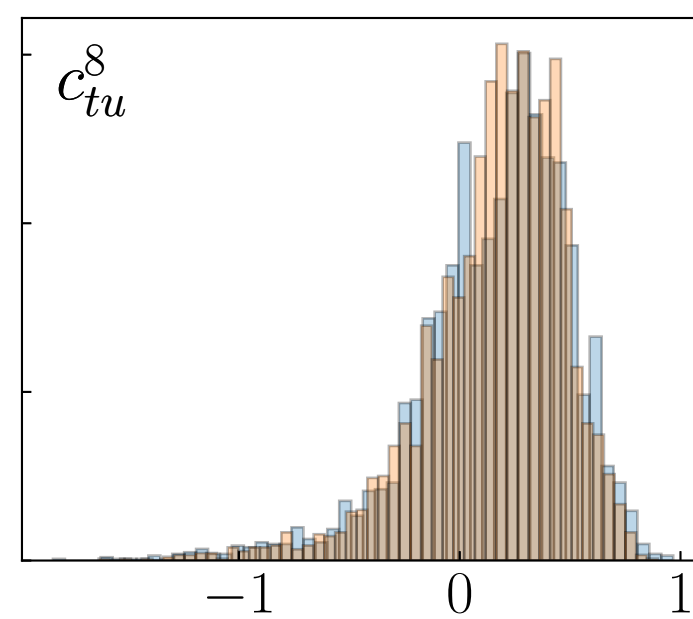
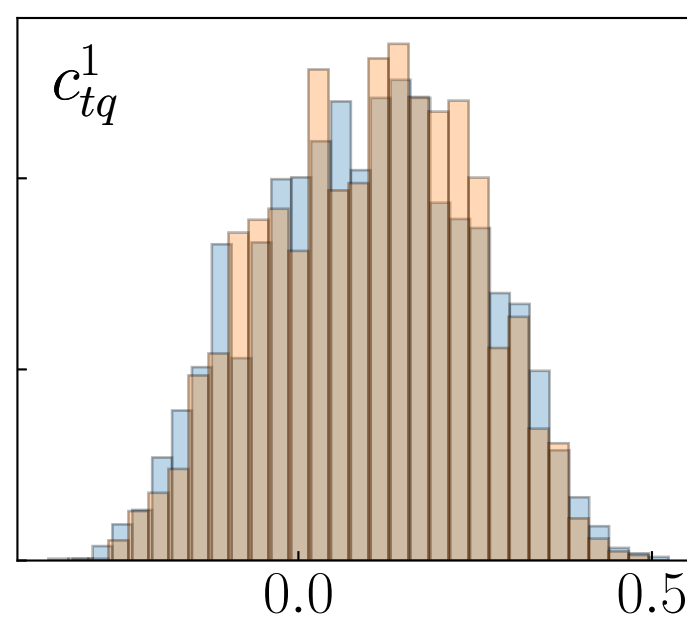
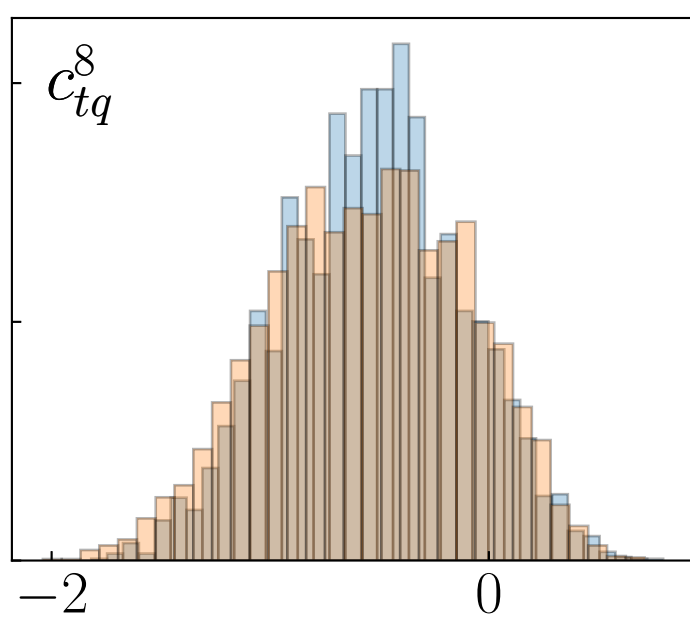
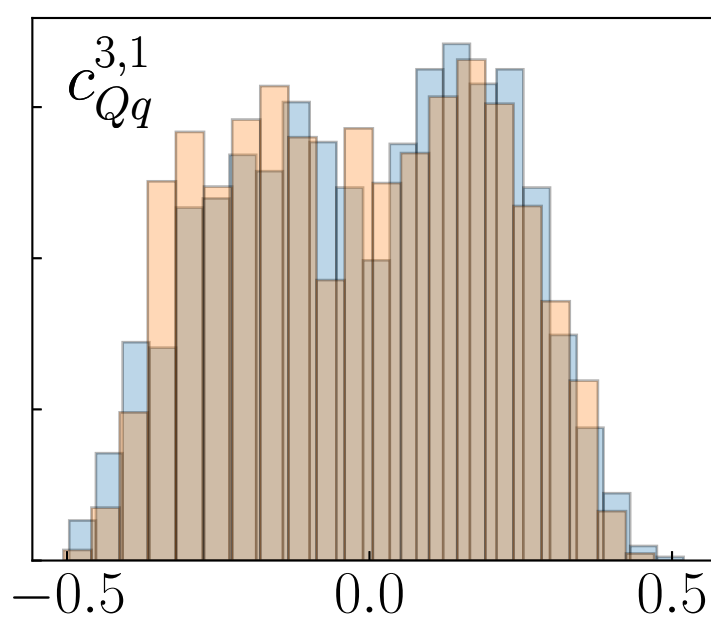
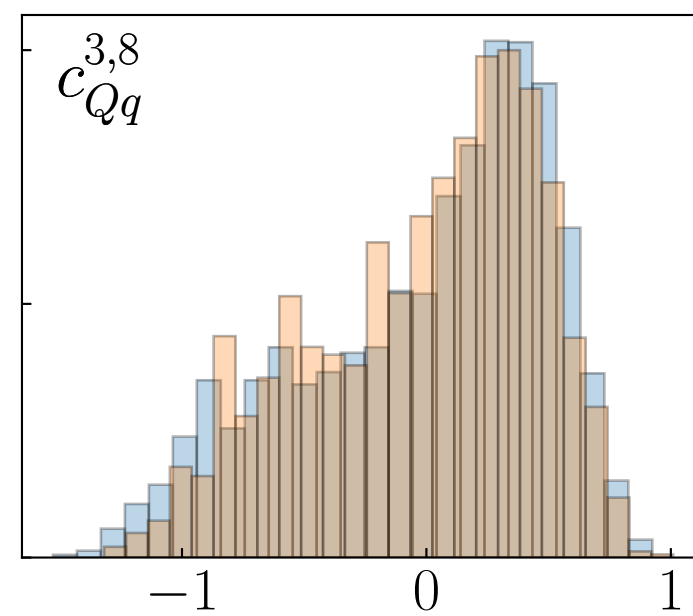
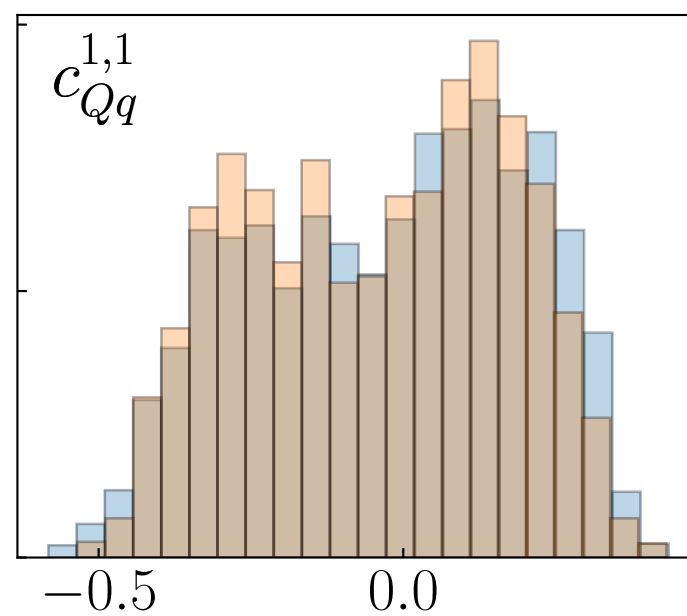
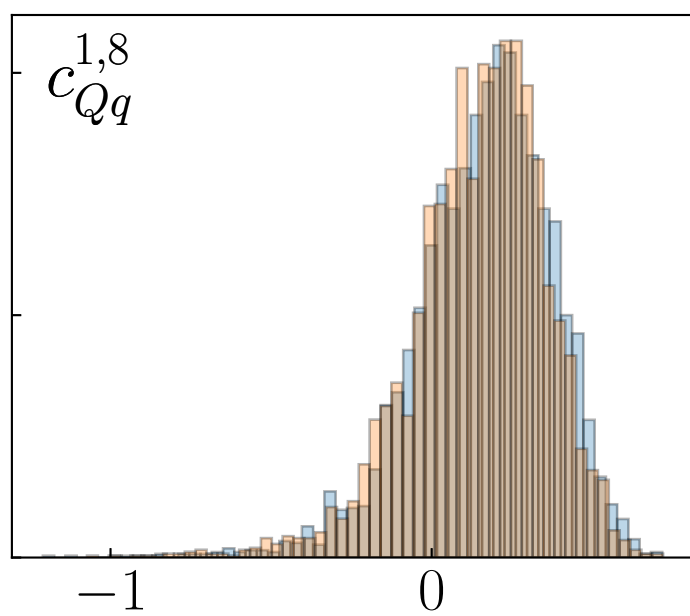
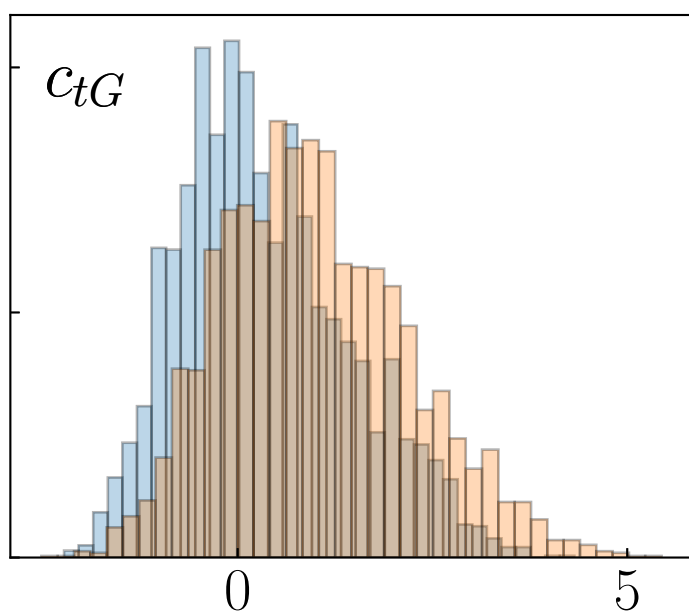
Process	old		new	
	N_{data}	χ^2/N_{data}	N_{data}	χ^2/N_{data}
tt	5.0	3.583 (1.011)	5.0	1.996 (1.011)
Total	5.0	3.583 (1.011)	5.0	1.996 (1.011)

Table 2: χ^2 table for grouped data. In parenthesis is the total SM χ^2 for the dataset included in the fit. The SM column refers to all the datasets available in the group





old new



 MEFIT