

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	CMS_tt_8TeV_ljets_Ytt	✓	✓

Table 1: Dataset comparison

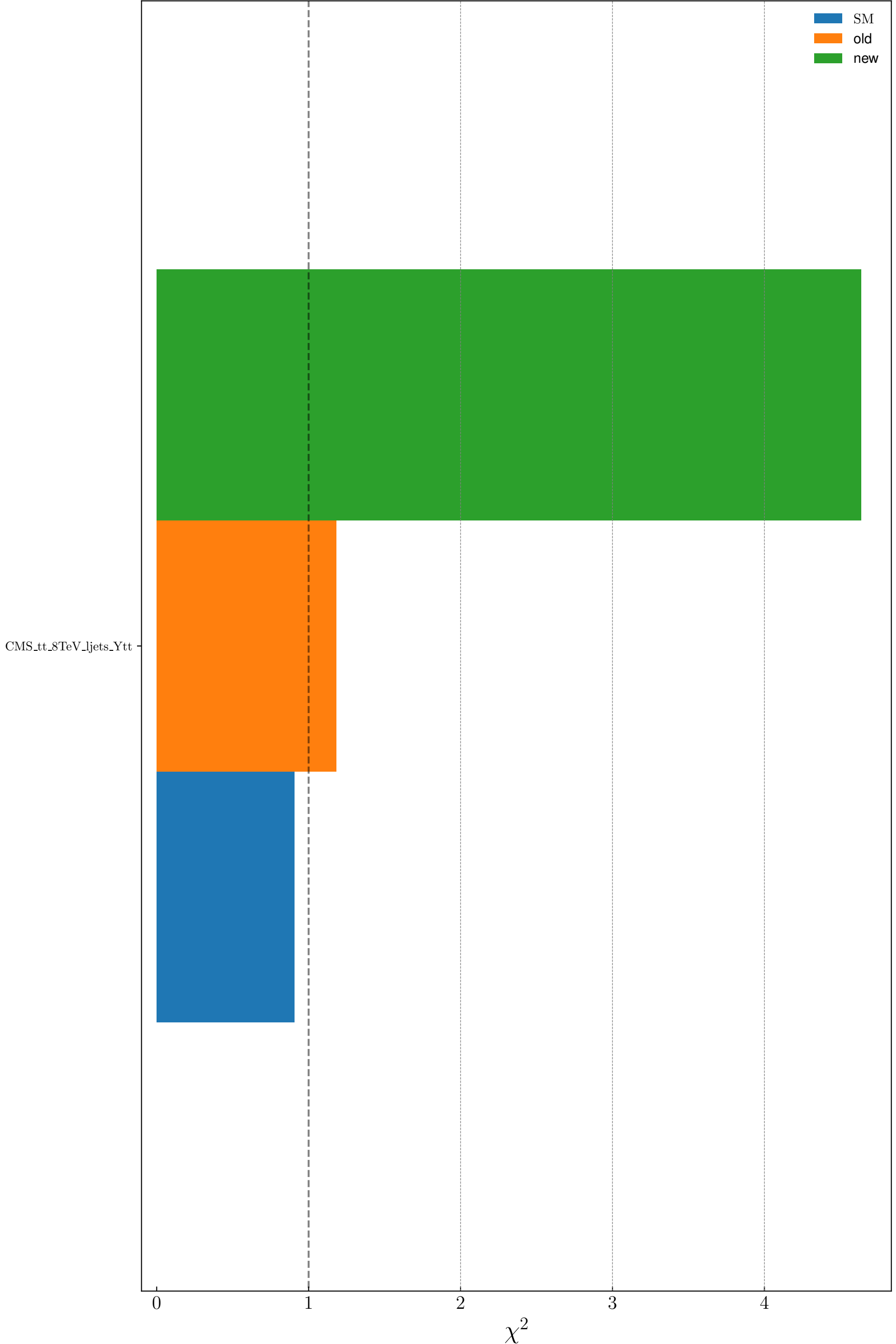
$\chi^2$  table. Blue color text represents a value that is lower than the SM  $\chi^2$  by more than one standard deviation of the  $\chi^2$  distribution. Similarly, red color text represents values that are higher than the SM  $\chi^2$  by more than one standard deviation. In parenthesis is the total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

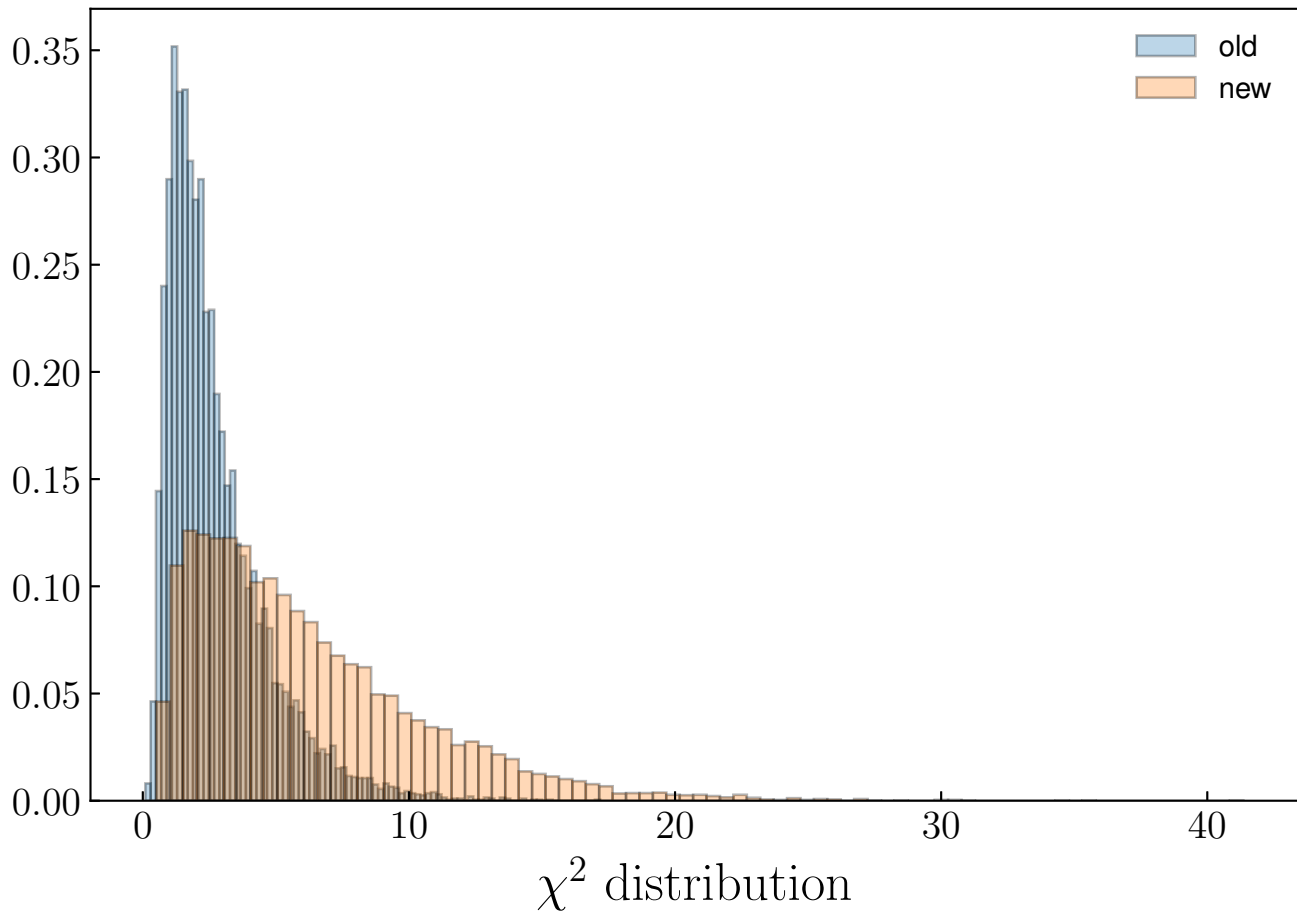
		SM	old	new
Process	$N_{\text{data}}$	$\chi^2/N_{\text{data}}$	$\chi^2/N_{\text{data}}$	$\chi^2/N_{\text{data}}$
CMS_tt_8TeV_ljets_Ytt	10	0.908	1.183	4.635
Total			1.183 (0.908)	4.635 (0.908)

Table 1:  $\chi^2$  table for tt data

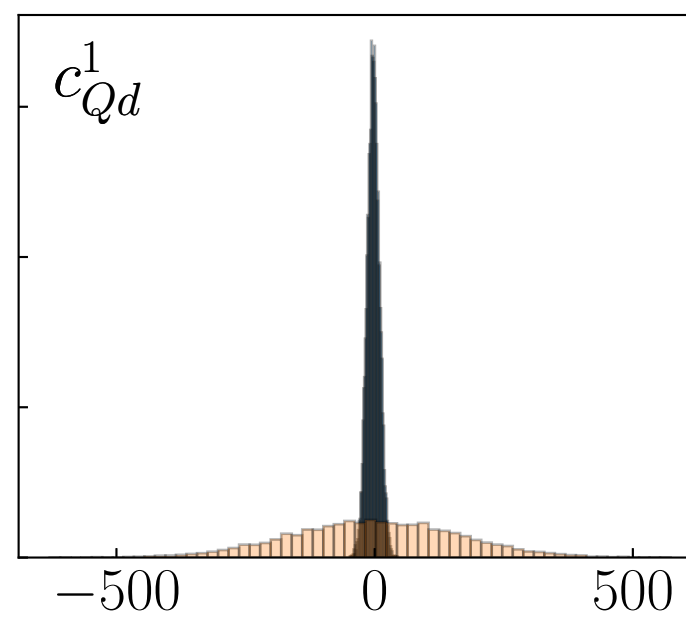
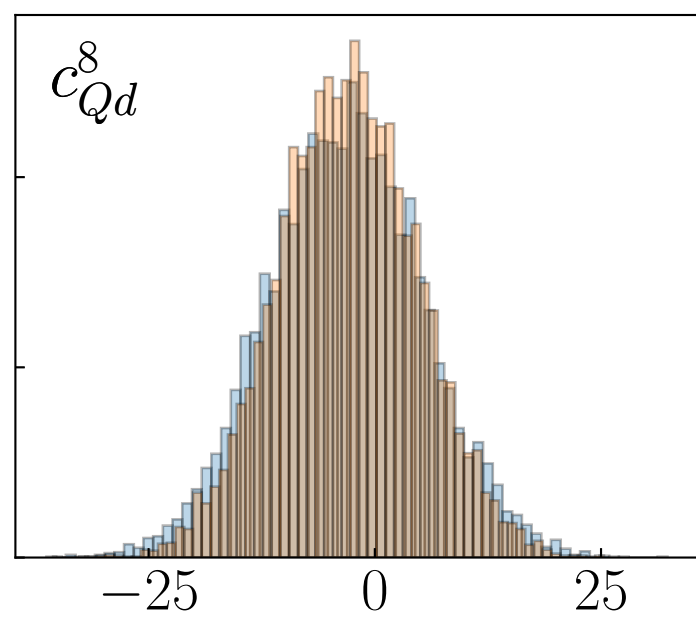
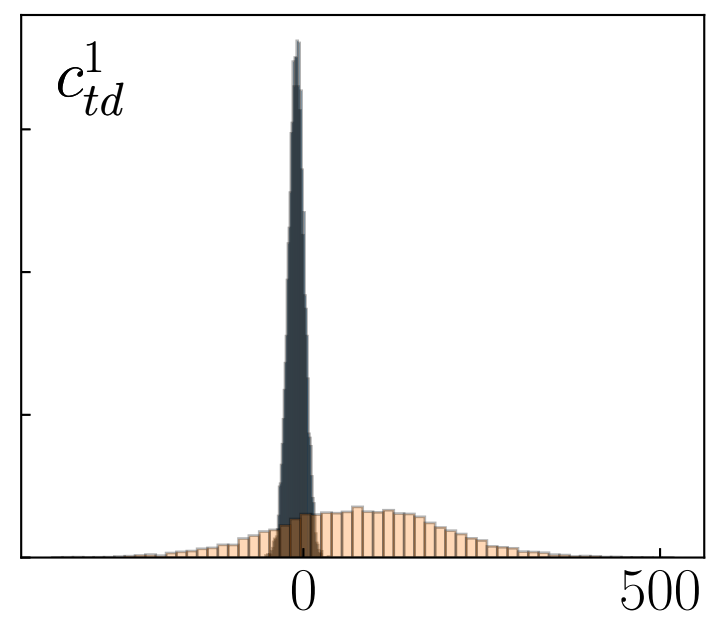
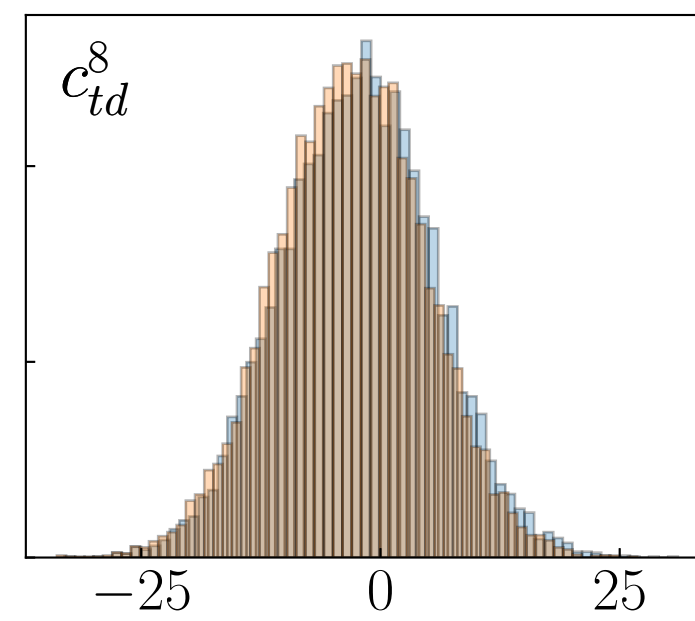
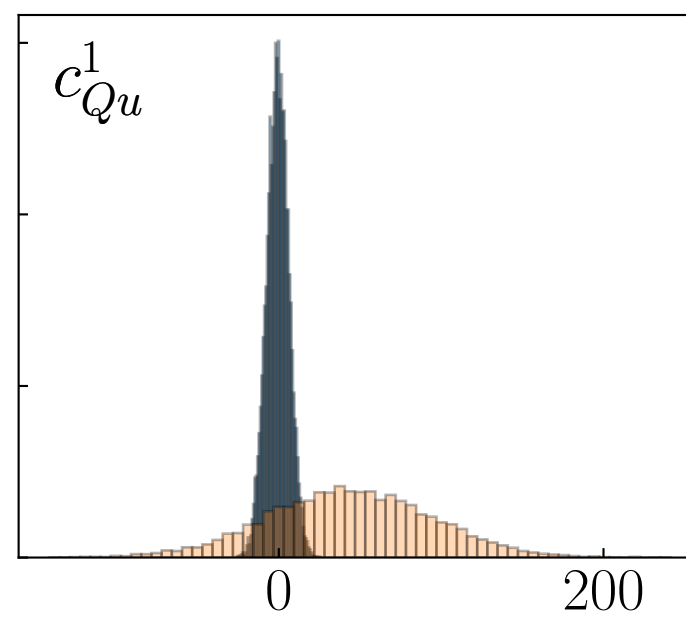
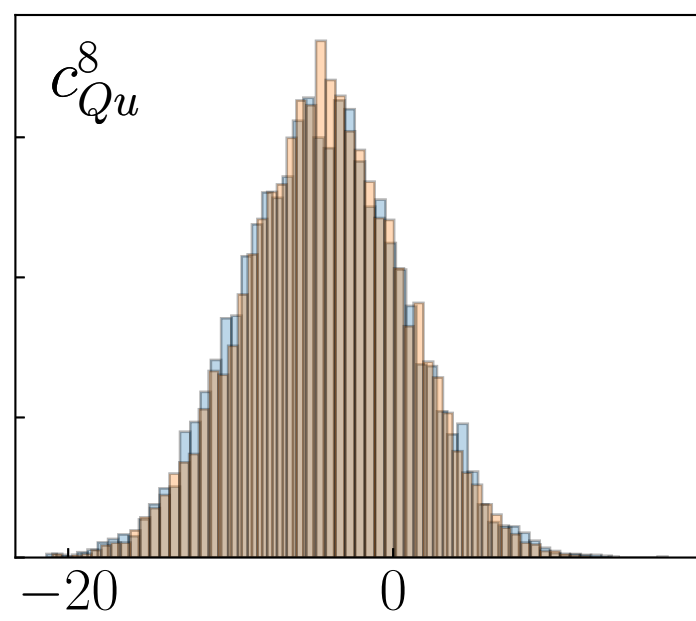
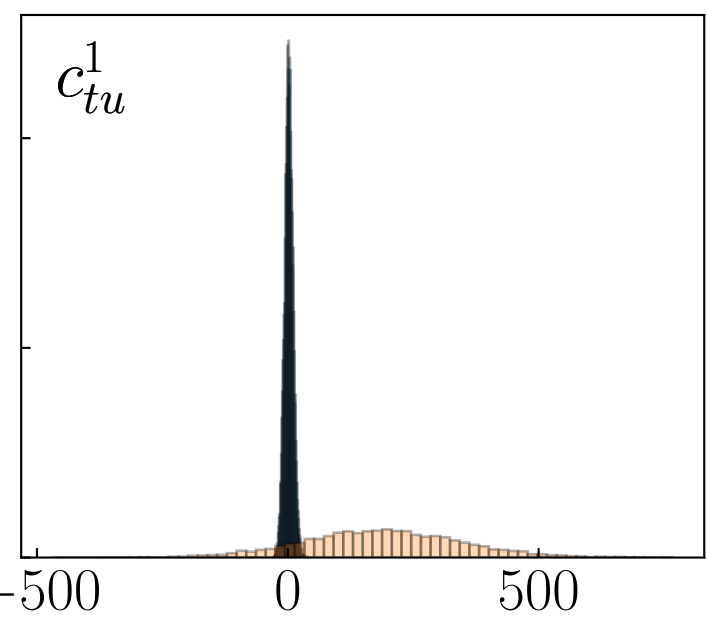
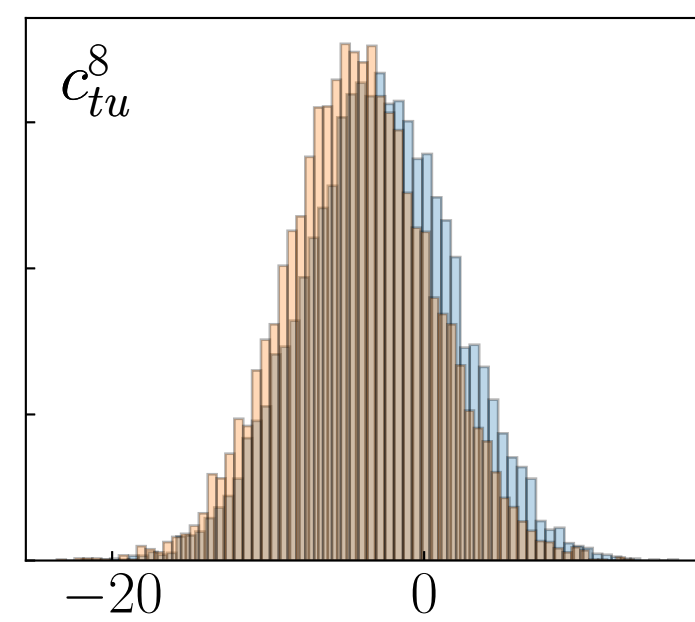
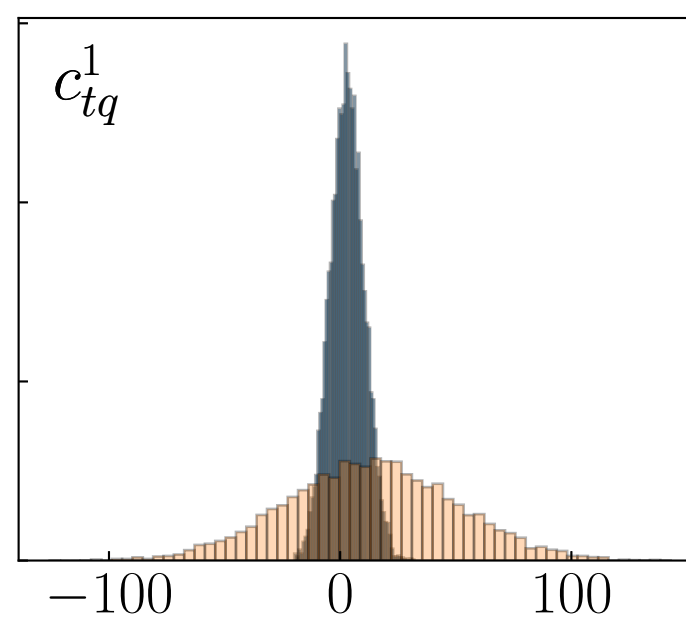
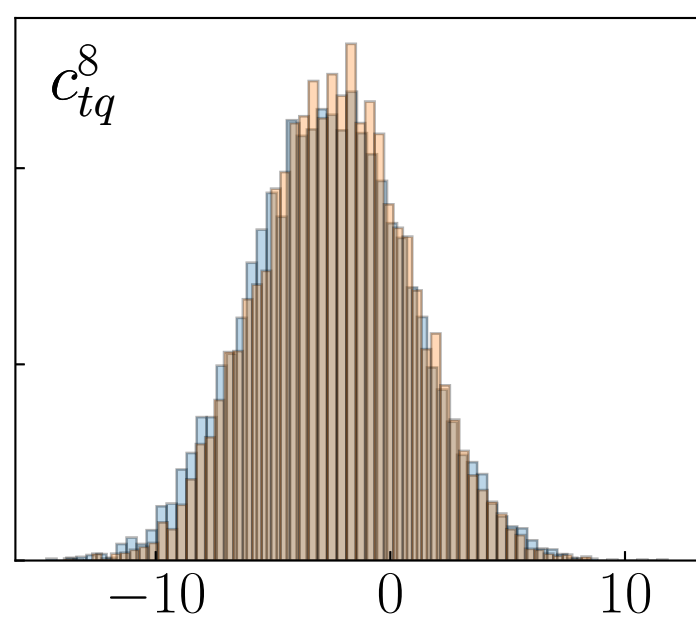
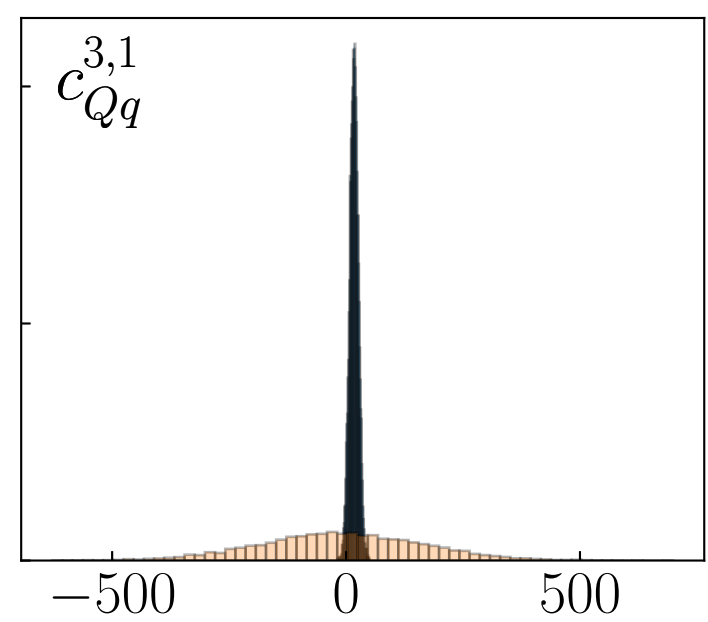
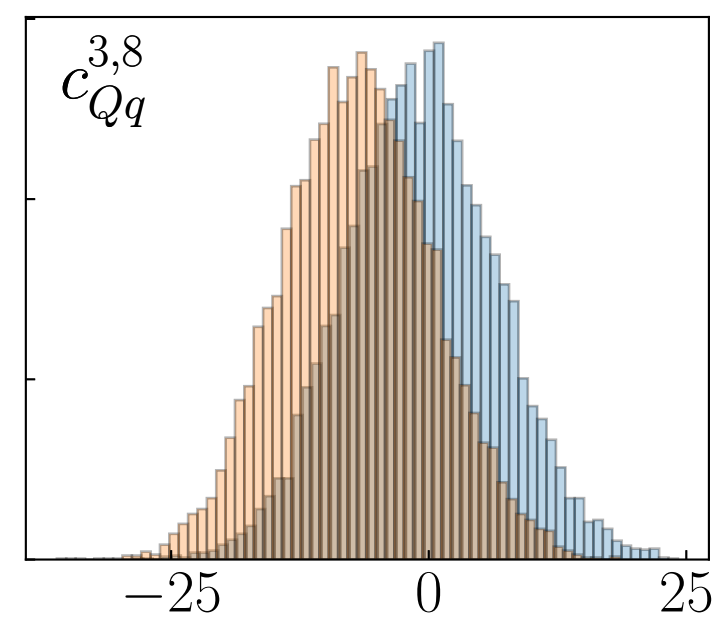
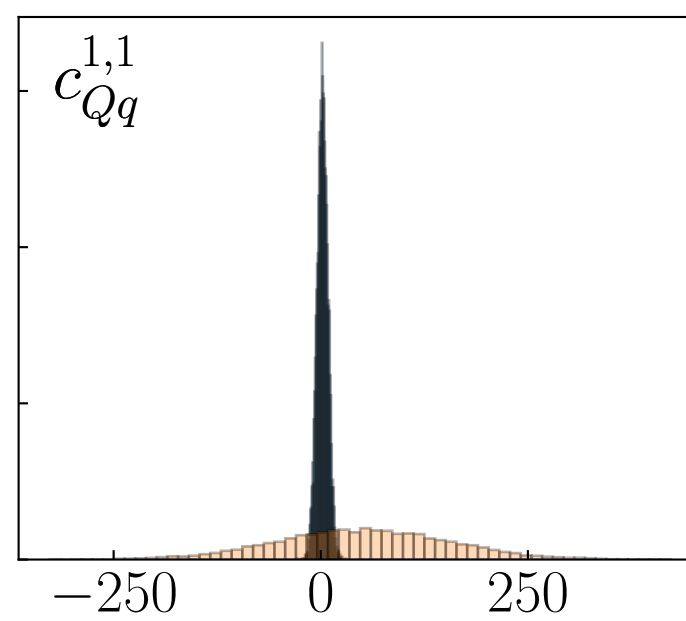
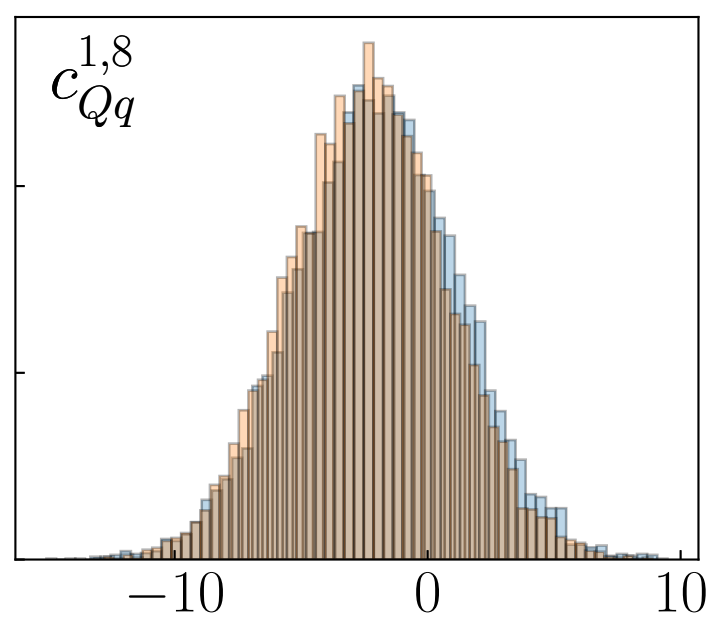
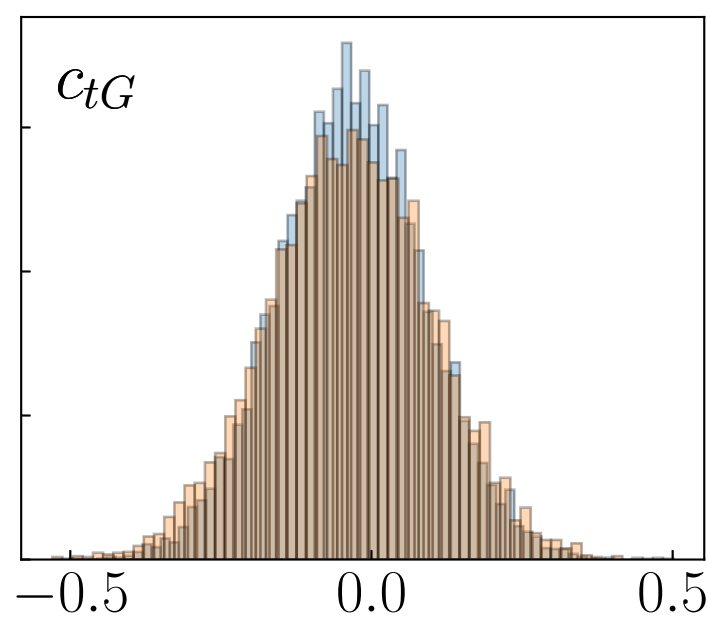
Process	old		new	
	$N_{\text{data}}$	$\chi^2/N_{\text{data}}$	$N_{\text{data}}$	$\chi^2/N_{\text{data}}$
tt	10.0	1.183 (0.908)	10.0	4.635 (0.908)
Total	10.0	1.183 (0.908)	10.0	4.635 (0.908)

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





old new



 MEFIT