		old		new	
Class	Coefficients	Fitted	Fixed	Fitted	Fixed
2FB	c_{tG}	✓		✓	
2L2H	$c_{Qq}^{1,8}$	✓		✓	
	$c_{Qq}^{1,1}$	✓		✓	
	$c_{Qq}^{3,8}$	✓		✓	
	$c_{Qq}^{3,1}$	✓		✓	
	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_8TeV_dilep_Mtt	✓	✓

Table 1: Dataset comparison

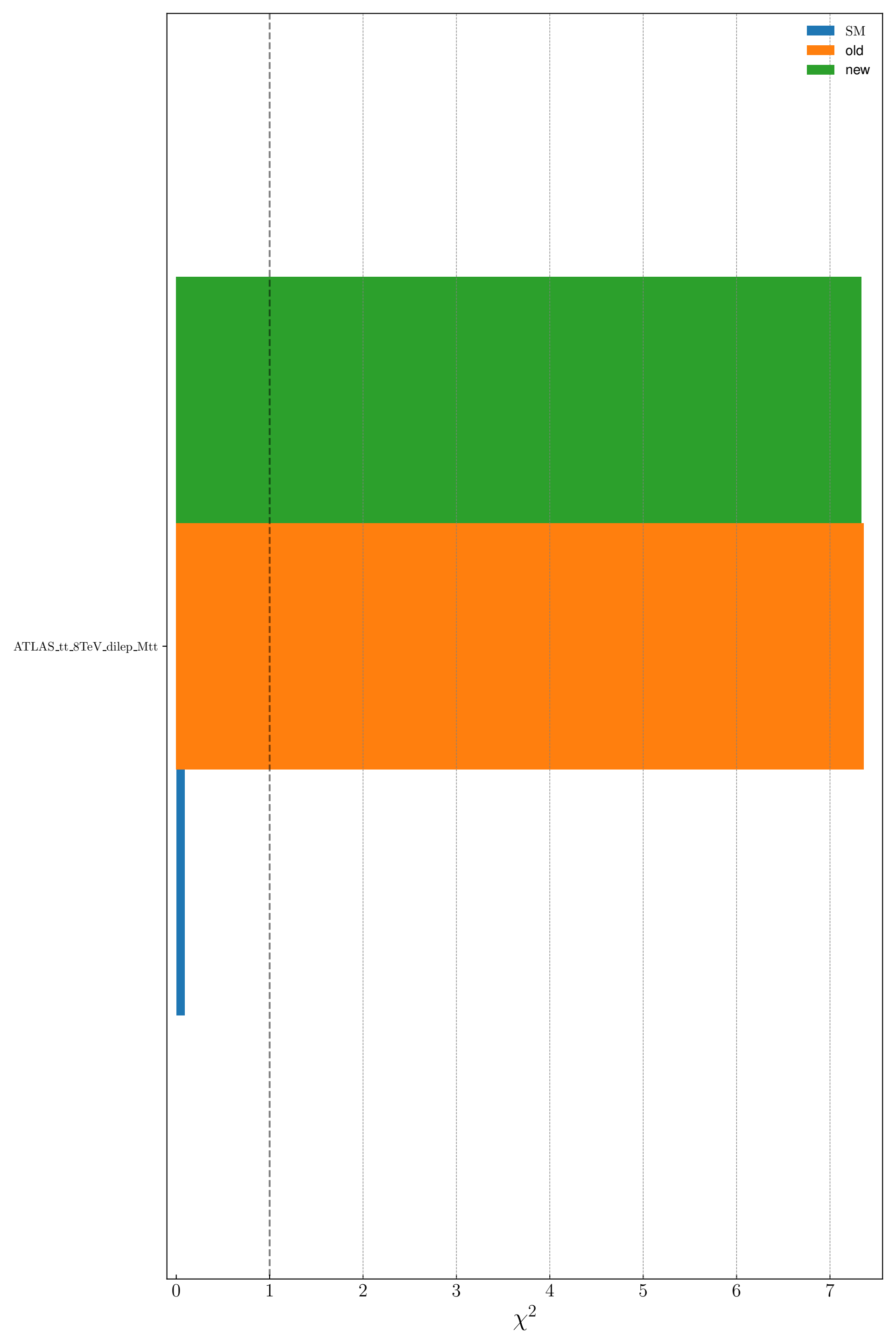
χ^2 table. Blue color text represents a value that is lower than the SM χ^2 by more than one standard deviation of the χ^2 distribution. Similarly, red color text represents values that are higher than the SM χ^2 by more than one standard deviation. In parenthesis is the total SM χ^2 for the dataset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

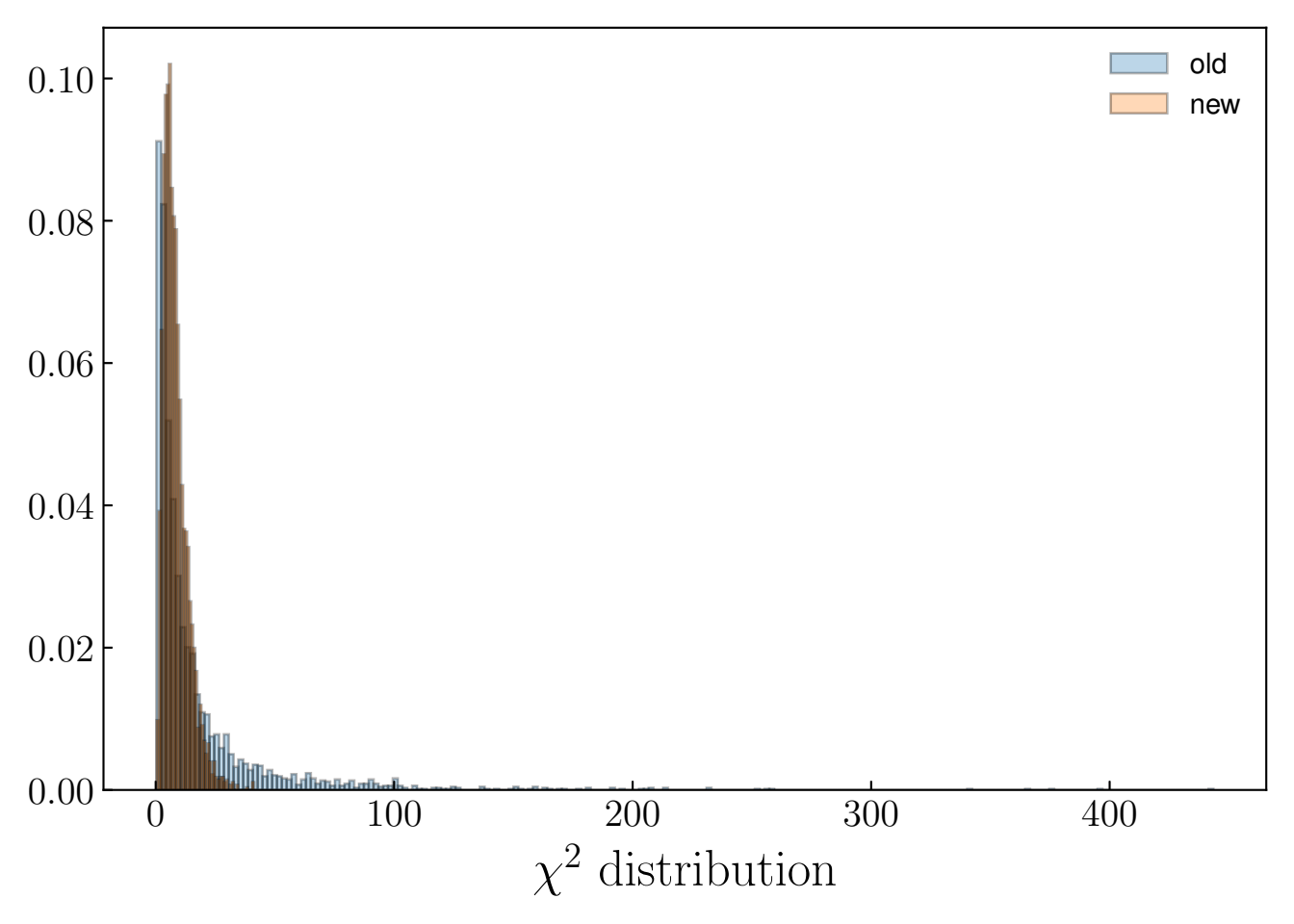
		SM	old	new
Process	N_{data}	χ^2/N_{data}	χ^2/N_{data}	χ^2/N_{data}
ATLAS_tt_8TeV_dilep_Mtt	6	0.089	7.363	7.338
Total			7.363 (0.089)	7.338 (0.089)

Table 1: χ^2 table for tt data

	old		new	
Process	N_{data}	χ^2/N_{data}	N_{data}	χ^2/N_{data}
tt	6.0	7.363 (0.089)	6.0	7.338 (0.089)
Total	6.0	7.363 (0.089)	6.0	7.338 (0.089)

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


SM
old
new
ATLAS_tt_8TeV_dilep_Mtt
0
1
2
3
4
5
6
7
χ^2


old
new
0.10
0.08
0.06
0.04
0.02
0.00
0
100
200
300
400
χ^2 distribution

old new

c_{tG} $c_{Qq}^{1,8}$ $c_{Qq}^{1,1}$ $c_{Qq}^{3,8}$

$c_{Qq}^{3,1}$ 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}

SMEFiT