

| 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_13TeV_Mtt | ✓ | ✓ |

Table 1: Dataset comparison

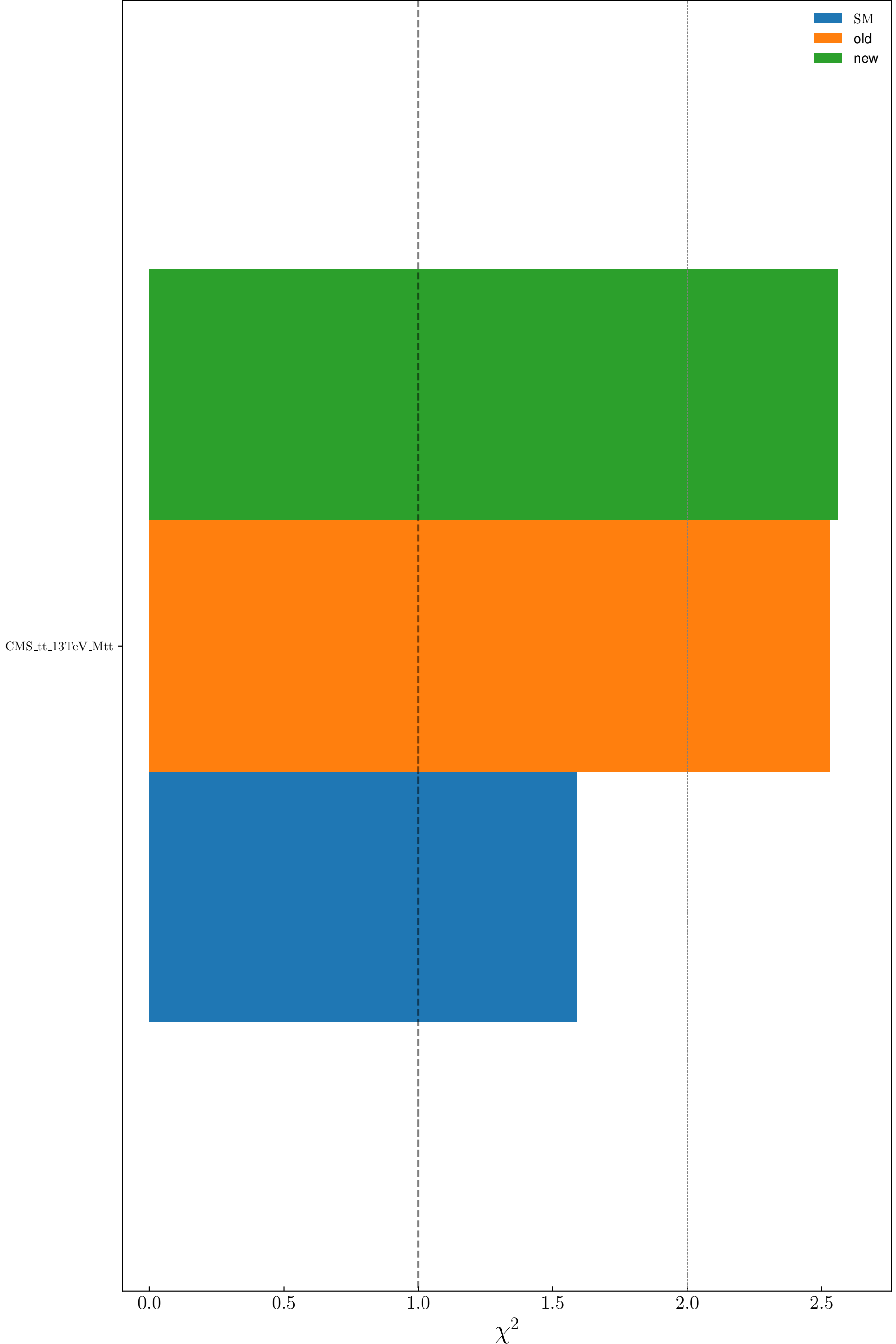
χ^2 table. Blue color text represents a value that is lower than the SM χ^2 by more than one standard deviation of the χ^2 distribution. Similarly, red color text represents values that are higher than the SM χ^2 by more than one standard deviation. In parenthesis is the total SM χ^2 for the dataset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

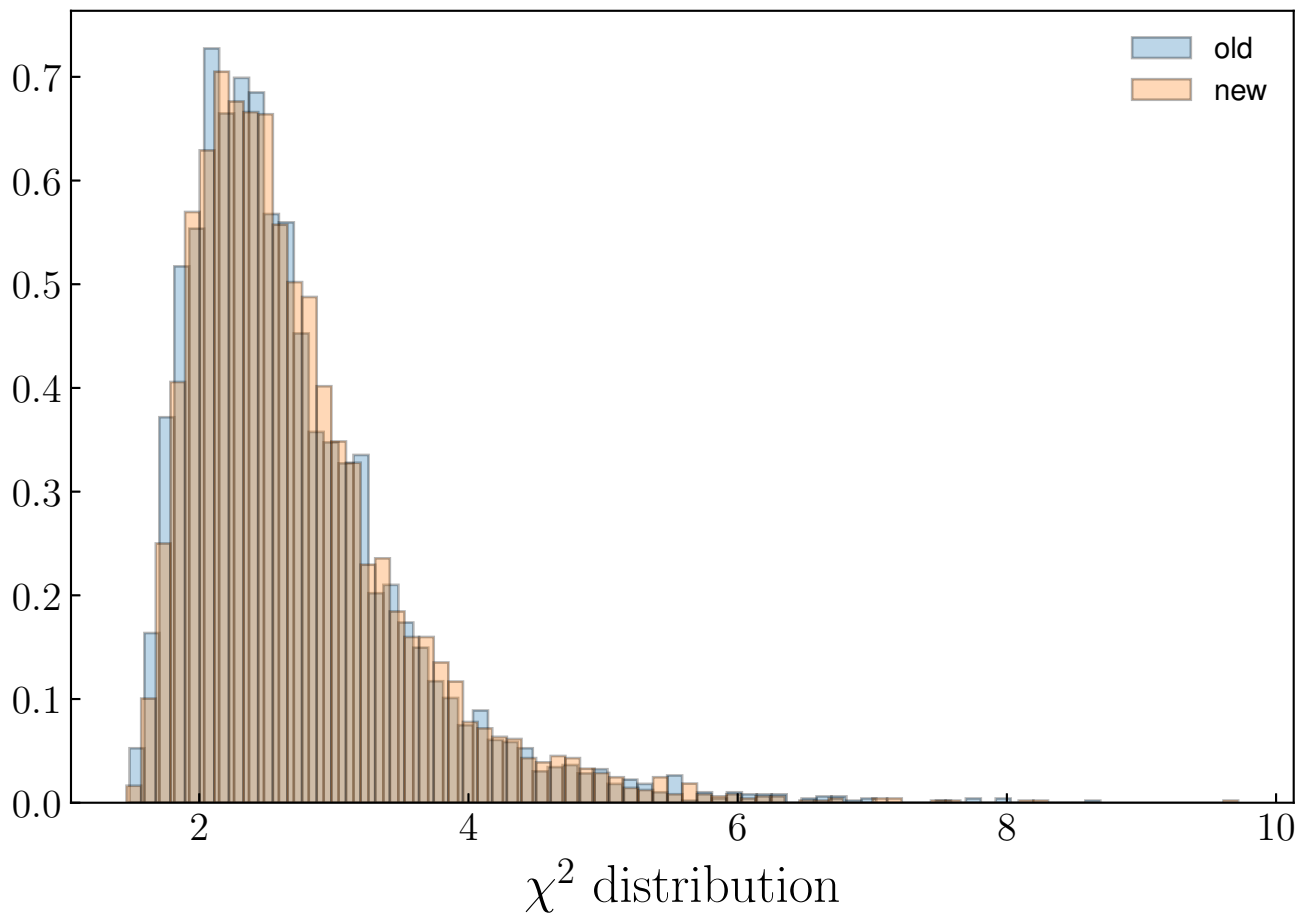
| | | SM | old | new |
|------------------|-------------------|--------------------------|--------------------------|--------------------------|
| Process | N_{data} | χ^2/N_{data} | χ^2/N_{data} | χ^2/N_{data} |
| CMS_tt_13TeV_Mtt | 15 | 1.588 | 2.529 | 2.559 |
| Total | | | 2.529 (1.588) | 2.559 (1.588) |

Table 1: χ^2 table for tt data

| Process | old | | new | |
|---------|-------------------|--------------------------|-------------------|--------------------------|
| | N_{data} | χ^2/N_{data} | N_{data} | χ^2/N_{data} |
| tt | 15.0 | 2.529 (1.588) | 15.0 | 2.559 (1.588) |
| Total | 15.0 | 2.529 (1.588) | 15.0 | 2.559 (1.588) |

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

