

Process	pre-fit (post-fit) yields					
	$t\bar{t}H$ node	$t\bar{t}+b\bar{b}$ node	$t\bar{t}+2b$ node	$t\bar{t}+b$ node	$t\bar{t}+c\bar{c}$ node	$t\bar{t}+lf$ node
$t\bar{t}+lf$	581 (523)	232 (215)	742 (646)	608 (522)	1077 (1013)	4782 (4124)
$t\bar{t}+c\bar{c}$	448 (450)	256 (272)	596 (654)	326 (345)	908 (919)	1889 (2031)
$t\bar{t}+b$	313 (436)	239 (328)	435 (644)	394 (561)	266 (409)	662 (961)
$t\bar{t}+2b$	185 (199)	149 (180)	435 (467)	156 (176)	156 (198)	303 (373)
$t\bar{t}+b\bar{b}$	714 (902)	845 (1091)	462 (586)	295 (391)	318 (404)	470 (611)
Single t	56 (54)	62 (68)	104 (109)	46 (46)	94 (96)	209 (209)
V +jets	15 (14)	23 (22)	22 (22)	11 (11)	24 (26)	57 (59)
$t\bar{t}+V$	49 (45)	29 (26)	38 (35)	15 (15)	33 (31)	74 (68)
Diboson	0.2 (0.3)	0.7 (0.5)	0.5 (0.5)	1.0 (0.3)	0.9 (0.8)	0.5 (0.2)
Total bkg.	2362 (2625)	1835 (2203)	2834 (3165)	1853 (2066)	2877 (3095)	8447 (8436)
\pm tot unc.	± 632 (± 55)	± 552 (± 57)	± 624 (± 79)	± 407 (± 48)	± 846 (± 71)	± 1871 (± 135)
$t\bar{t}H$	139 (209)	41 (62)	42 (63)	23 (35)	31 (47)	65 (97)
\pm tot unc.	± 18 (± 56)	± 6 (± 17)	± 5 (± 17)	± 3 (± 9)	± 5 (± 13)	± 7 (± 26)
Data	2930	2253	3215	2087	3114	8538