

	HH	WH	$t\bar{t}_{\ell\tau}$	$t\bar{t}_{\ell\ell}$	misident. $\tau$	Single top	diboson	DY( $\mu\mu$ )	DY( $\tau\tau$ )
JES+JER+ $E_T^{\text{miss}}$	6.0	5.0	5.0	4.0		6.0	11.0	100.0	22.0
cross section	$+7.0$ $-10$					8.0	4.0	4.0	
pileup modeling	4.0	2.0	2.0	8.0		2.0	3.0	25.0	4.0
MC stat	5.0	4.0	2.0	9.0		4.0	9.0	100.0	16.0
luminosity	2.2					2.2			
$\tau$ -jet id	6.0	6.0	6.0			6.0	6.0		6.0
jet, $\ell \rightarrow \tau$ misident.				15.0				15.0	
b-jet tagging	6.0	5.0	5.0	5.0		7.0			
jet $\rightarrow$ b misident.							8.0	8.0	9.0
misident. $\tau$ (stat.)					10.0				
misident. $\tau$ (syst.)					12.0				
lepton selections	2.0					2.0			