

Region	Discr. variable(s)	Bins	Bin edges	NP	Obs.
VBS-OSWW					
$Z_{\ell\ell} \geq / < 1$ SRs (17+18)	m_{jj}	8	300, 550, 750, 1000, 1250, 1500, 1750, 2000, 4000 GeV	73	1155
$Z_{\ell\ell} \geq / < 1$ SRs (16)	m_{jj}	5	500, 750, 1000, 1500, 2000, 4000 GeV	48	186
VBS-SSWW(e, μ)					
SR	$m_{jj} : m_{\ell\ell}$	12	[500, 800, 1200, 1800]:[20, 150, 300, 450, 600] GeV	98	481
VBS-WZ					
SR	$m_T^{\text{WZ}} : m_{jj}$	6	[0, 300, 600, 1000]:[500, 1200, 3000] GeV	94	188
VBS-SSWW(τ_h)					
SR	SMEFT DNN score	5	0, 0.264, 0.405, 0.517, 0.608, 1.0	82	1047
VBF-W					
SR	$\Delta\phi_{jj}$	10	uniform, $[0, \pi]$	151	26948
VBF-Z					
SR	$\Delta\phi_{jj} : \text{DNN score}$	25	[0.0, 0.2, 0.4, 0.6, 0.8, 1.0]:[0, 0.38, 0.96, 1.58, 2.29, π]	168	1359831
VBS-WV					
SM DNN $\geq / < 0.5$ SRs	m_{WV}	8	200, 400, 600, 800, 1000, 1200, 1500, 2000, 3000 GeV	216	16835
VBS-ZV					
b-veto+ b-tag SRs	m_{ZV}	12	200, 300, 400, 500, 600, 700, 800, 900, 1000, 1250, 1500, 2000, 2500 GeV	152	2848
VVV/γ					
SR-0 ℓ -2VTJ	$S_T = \sum p_T^j$	5	1100, 1500, 2000, 2500, 3000, 3500 GeV	19	5172
SR-0 ℓ -3VTJ	$S_T = \sum p_T^j$	7	1250, 1500, 1750, 2000, 2250, 2500, 3000, 4000 GeV	19	1706
SR-1 ℓ -1 τ_h -1VTJ	BDT : $S_T = \sum p_T^{\ell,j,\tau}$	3	[low, high]:[< 600, $\geq$ 600]	33	330
SR-1 ℓ -2VTJ	$m_{jj\ell\nu}$	4	0, 1600, 2400, 3400, 4000 GeV	22	885
SR-2 ℓ -1 τ_h -0VTJ	BDT : $S_T = \sum p_T^{\ell,j,\tau}$	3	[low, high]:[< 300, $\geq$ 300]	35	6169
SR-2 ℓ -OS-2VTJ	$S_T = \sum p_T^{j,\ell} + p_T^{\text{miss}}$	3	0, 800, 1900, 10000 GeV	27	25
SR-2 ℓ -OS-1VTJ (OF)	$S_T = \sum p_T^{j,\ell}$	3	200, 800, 1350, 5000 GeV	24	193
SR-2 ℓ -OS-1VTJ (SFnoZ)	$S_T = \sum p_T^{j,\ell}$	3	200, 800, 1300, 5000 GeV	28	2996
SR-2 ℓ -OS-1VTJ (SFZ)	$S_T = \sum p_T^{j,\ell}$	3	200, 800, 1050, 5000 GeV	26	589
SR-2 ℓ -SS-1VTJ	$S_T = \sum p_T^{j,\ell} + p_T^{\text{miss}}$	3	0, 1000, 1600, 2000 GeV	30	71
WW					
0-jet + 1-jet SRs	$m_{\ell\ell}$	5	100, 330, 560, 790, 1020, 1250 GeV	115	85893