

	BDT>	Y_p^{SR} (W+jets)	Y_p^{SR} (tt)	$Y_{\text{np}}^{\text{SR}}$	N^{SR} (Rare)	$N^{\text{SR}}(\text{B})$	$N^{\text{SR}}(\text{D})$
$\Delta m = 10 \text{ GeV}$	0.32	17.3 ± 4.3	0.0 ± 2.4	16.7 ± 3.6	7.1 ± 4.5	41.1 ± 7.6	77
$\Delta m = 20 \text{ GeV}$	0.39	18.4 ± 2.8	0.3 ± 3.1	14.5 ± 3.4	6.3 ± 3.5	39.4 ± 6.4	57
$\Delta m = 30 \text{ GeV}$	0.35	48.5 ± 8.1	9.1 ± 9.4	22.5 ± 4.8	33.3 ± 14.2	113.5 ± 19.4	127
$\Delta m = 40 \text{ GeV}$	0.43	10.7 ± 3.1	3.4 ± 4.5	11.7 ± 2.9	12.3 ± 6.7	38.1 ± 9.1	49
$\Delta m = 50 \text{ GeV}$	0.46	8.7 ± 3.0	3.4 ± 4.5	10.5 ± 2.8	10.3 ± 5.2	32.9 ± 8.0	36
$\Delta m = 60 \text{ GeV}$	0.41	16.5 ± 4.7	16.2 ± 8.8	17.3 ± 3.8	22.5 ± 10.1	72.5 ± 14.7	61
$\Delta m = 70 \text{ GeV}$	0.40	35.7 ± 8.7	15.2 ± 8.6	16.9 ± 5.2	29.5 ± 12.2	97.3 ± 18.0	96
$\Delta m = 80 \text{ GeV}$	0.42	16.3 ± 3.7	10.9 ± 7.8	10.7 ± 4.3	21.4 ± 9.8	59.3 ± 13.8	41