

$\tilde{t} \rightarrow b\tilde{\chi}_1^+ \quad x=0.75$					
Sample	BDT1	BDT2	BDT3	BDT4	
$M_T$ peak data and MC (stat)	3.5	5.3	7.8	1.2	
$t\bar{t} \rightarrow \ell^+\ell^- N_{\text{jets}}$ modeling	1.8	1.2	1.1	1.6	
$t\bar{t} \rightarrow \ell^+\ell^-$ (CR- $\ell t$ and CR- $2\ell$ tests)	6.0	8.2	11.3	3.6	
2nd lepton veto	1.7	1.1	1.0	1.4	
$t\bar{t} \rightarrow \ell^+\ell^-$ (stat)	4.3	5.9	9.6	1.4	
W+jets cross section	2.7	2.3	2.7	1.4	
W+jets (stat)	4.5	5.3	6.4	2.4	
W+jets SF uncertainty	6.9	7.7	7.0	9.9	
1- $\ell$ Top (stat)	1.2	1.2	1.2	0.6	
1- $\ell$ Top tail-to-peak ratio	11.3	19.5	17.6	10.7	
rare cross sections	1.9	6.2	8.9	1.1	
Total	16.8	25.4	27.8	15.5	

$\tilde{t} \rightarrow b\tilde{\chi}_1^+ \quad x = 0.5$					
Sample	BDT1	BDT2 Loose	BDT2 Tight	BDT3	BDT4
$M_T$ peak data and MC (stat)	3.0	3.3	6.0	5.8	2.4
$t\bar{t} \rightarrow \ell^+\ell^- N_{\text{jets}}$ modeling	1.6	1.3	1.0	1.1	2.1
$t\bar{t} \rightarrow \ell^+\ell^-$ (CR- $\ell t$ and CR- $2\ell$ tests)	5.2	6.4	17.2	11.1	10.3
2nd lepton veto	1.4	1.2	1.0	1.0	1.9
$t\bar{t} \rightarrow \ell^+\ell^-$ (stat)	3.5	4.0	6.6	6.2	2.8
W+jets cross section	2.5	2.6	1.4	3.3	2.8
W+jets (stat)	2.3	2.2	4.1	3.4	2.3
W+jets SF uncertainty	8.0	8.0	8.1	7.3	5.7
1- $\ell$ Top (stat)	1.0	1.2	1.5	1.6	0.8
1- $\ell$ Top tail-to-peak ratio	10.3	11.5	18.4	11.7	5.6
rare cross sections	3.3	6.8	8.7	9.4	1.3
Total	15.7	18.0	29.7	22.3	14.4

$\tilde{t} \rightarrow b\tilde{\chi}_1^+ \quad x = 0.25$			
Sample	BDT1	BDT2	BDT3
$M_T$ peak data and MC (stat)	4.0	9.0	10.6
$t\bar{t} \rightarrow \ell^+\ell^- N_{\text{jets}}$ modeling	1.5	0.7	0.8
$t\bar{t} \rightarrow \ell^+\ell^-$ (CR- $\ell t$ and CR- $2\ell$ tests)	7.7	11.4	19.1
2nd lepton veto	1.4	0.6	0.8
$t\bar{t} \rightarrow \ell^+\ell^-$ (stat)	5.0	6.5	11.8
W+jets cross section	3.0	1.0	1.5
W+jets (stat)	2.4	5.3	6.7
W+jets SF uncertainty	7.2	11.3	9.5
1- $\ell$ Top (stat)	1.3	3.2	4.2
1- $\ell$ Top tail-to-peak ratio	10.8	12.6	13.2
rare cross sections	4.5	6.2	9.6
Total	17.7	24.9	32.3