SR noZb: (ATLAS_CONF_2013_035)

- Process: $pp \to \tilde{\chi}_1^{\pm}\tilde{\chi}_2^0 \to (W^{\pm}\chi_1^0)(Z\tilde{\chi}_1^0)$.
- Mass: $m_{\tilde{\chi}_1^{\pm}} = m_{\tilde{\chi}_2^0} = 150$ GeV, $m_{\tilde{\chi}_1^0} = 75$ GeV.
- The number of events: $5 \cdot 10^4$.
- Event Generator: `Herwig++ 2.5.2`.

#	cut name	ϵ_{Exp}	ϵ_{Atom}	$\frac{\text{Atom}}{\text{Exp}}$	$\frac{(\text{Exp}-\text{Atom})}{\text{Error}}$	#/?	R_{Exp}	R_{Atom}	$\frac{\text{Atom}}{\text{Exp}}$	$\frac{(\text{Exp}-\text{Atom})}{\text{Error}}$
0	Lepton multiplicity	100.0 ± 0.71	100.0 ± 13.09			-1	±	±		
1	SFOS requirement	99.65 ± 0.71	98.28 ± 12.98	0.99	-0.11	0	1.0 ± 0.01	0.98 ± 0.13	0.99	-0.11
2	b-jet veto	92.83 ± 0.68	93.1 ± 12.64	1.0	0.02	1	0.93 ± 0.01	0.95 ± 0.13	1.02	0.12
3	Z veto	86.49 ± 0.66	87.93 ± 12.28	1.02	0.12	2	0.93 ± 0.01	0.94 ± 0.13	1.01	0.1
4	SRnoZb: MET > 75	23.67 ± 0.34	22.41 ± 6.21	0.95	-0.2	3	0.27 ± 0.0	0.25 ± 0.07	0.93	-0.26
5	SRnoZb: mSFOS 60-81	11.92 ± 0.24	13.79 ± 4.87	1.16	0.38	4	0.5 ± 0.01	0.62 ± 0.22	1.22	0.51
6	SRnoZb: SRnoZc veto	11.57 ± 0.24	13.79 ± 4.87	1.19	0.46	5	0.97 ± 0.02	1.0 ± 0.35	1.03	0.08

Table 1: The cut-flow table for the noZb signal region.