0.1 $\tilde{\chi}_1^{\pm}(200) \to W^{\pm}\tilde{\chi}_1^0(0)$ (ATLAS_2014_I1286761 (1403.5294))

- Process: $\tilde{\chi}_1^+\tilde{\chi}_1^- : \tilde{\chi}_1^{\pm} \to W^{\pm}\tilde{\chi}_1^0$.
- Mass: $m_{\tilde{\chi}_1^{\pm}} = 200$ GeV, $m_{\tilde{\chi}_1^0} = 0$ 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	= 2 OSlep $p_T > 35, 20$: SF	100.0	100.0							
1	Jet Veto: SF	43.81 ± 1.66	52.82 ± 2.56	1.21	2.95	0	0.44 ± 0.02	0.53 ± 0.03	1.21	2.95
2	Z Veto: SF	38.42 ± 1.55	43.54 ± 2.33	1.13	1.83	1	0.88 ± 0.04	0.82 ± 0.04	0.94	−0.93
3	WWc: $m_{T2} > 100$: SF	5.96 ± 0.61	4.14 ± 0.72	0.69	−1.93	2	0.16 ± 0.02	0.1 ± 0.02	0.61	−2.62

Table 1: The cut-flow table for the same flavour channel.

#	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	= 2 OSlep $p_T > 35, 20$: DF	100.0	100.0							
1	Jet Veto: DF	43.32 ± 1.63	55.0 ± 2.58	1.27	3.83	0	0.43 ± 0.02	0.55 ± 0.03	1.27	3.83
2	Z Veto: DF	43.32 ± 1.63	55.0 ± 2.58	1.27	3.83	1	1.0 ± 0.04	1.0 ± 0.05	1.0	0.0

Table 2: The cut-flow table for the different flavour channel.