$\tilde{\chi}_1^{\pm}(140) \to W^{\pm}\tilde{\chi}_1^0(20)$ **(ATLAS_CONF_2013_049)**

- Process: $\tilde{\chi}_1^+\tilde{\chi}_1^- : \tilde{\chi}_1^{\pm} \to W^{\pm}\tilde{\chi}_1^0$.
- Mass: $m_{\tilde{\chi}_1^{\pm}} = 140$ GeV, $m_{\tilde{\chi}_1^0} = 20$ 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	WW: Jet veto	100.0	100.0							
1	WW: $p_T(\ell_1) > 35, p_T(\ell_2) > 20$	74.1 ± 2.36	74.84 ± 6.83	1.01	0.1	0	0.74 ± 0.02	0.75 ± 0.07	1.01	0.1
2	WWb	5.9 ± 0.66	5.03 ± 1.78	0.85	−0.46	1	0.08 ± 0.01	0.07 ± 0.02	0.84	−0.49

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