Table 1: Validation courtesy of Junjie Cao, Liangliang Shang, Jin Min Yang and Yang Zhang of their implementation of cms_1502_06031, the CMS search for the leptonic-Z $+jets + E_T^{miss}$ signal in CheckMATE. Numbers in the columns EXP and OUR are the event numbers of different bins obtained by the CMS collaboration and us respectively, and those in the column DIFF represent their relative difference.

On-Z counting experiment, $m_{\tilde{g}} = 1100\text{GeV}$, $m_{\tilde{\chi}_1^0} = 800\text{GeV}$ $N_{raw}^{EXP} = -$, $N_{raw}^{OUR} = 50000$						
	EXP		OUR		DIFF	
All events	37.7±0.2		37.7±0.0		0	
≥ 2 leptons$(l^{\pm}l^{\mp}), P_T > 20GeV$	11.9±0.1		11.8±0.08		-0.5%	
$81 < m_{ll} < 101GeV$	10.7±0.1		10.4±0.08		-2.7%	
	$n_{jets} > 2$			$n_{jets} > 3$		
	EXP	OUR	DIFF	EXP	OUR	DIFF
$n_{jets} > 2\ or\ 3$	10.7±0.1	10.4±0.08	-2.9%	10.4±0.1	10.2±0.07	-1.9%
$E_T^{miss} > 100GeV$	10.3±0.1	10.0±0.07	-3.3%	10.0±0.1	9.8±0.07	-2.1%
$E_T^{miss} > 200GeV$	9.2±0.1	8.8±0.07	-4.1%	8.9±0.1	8.7±0.07	-2.5%
$E_T^{miss} > 300GeV$	7.6±0.1	7.2±0.07	-5.4%	7.4±0.1	7.1±0.07	-4.3%
$100GeV < E_T^{miss} < 200GeV$	1.1±0.04	1.1±0.03	3%	1.1±0.04	1.1±0.03	0.8%
$200GeV < E_T^{miss} < 300GeV$	1.6±0.05	1.6±0.03	2%	1.5±0.05	1.6±0.03	6.3%