analysis region	purpose	b-tagging selection	M_R category
0μ	signal search region		$200 < M_R \leq 300\,\text{GeV}$ (VL)
1μ	$W(\ell\nu)$ control region	no CSV loose jet	$300 < M_R \leq 400\,\text{GeV}$ (L)
			$400 < M_R \leq 600\,\text{GeV}$ (H)
2μ	$Z(\ell\ell)$ control region		$M_R > 600\,\text{GeV}$ (VH)