

Control region	First μ	Second μ	Purpose
N_{23}	$N_{\text{iso}} = 1, N_{\text{sig}} = 1$	$N_{\text{iso}} = 2, 3$	Determination of $f_{1\text{D}}(i)$
$N_{\text{iso},2} = 1$	$N_{\text{iso}} > 1, N_{\text{sig}} \geq 1$	$N_{\text{iso}} = 1, N_{\text{sig}} = 1$	Validation of $f_{1\text{D}}(i)$
$N_{\text{iso},2} = 2, 3$	$N_{\text{iso}} > 1, N_{\text{sig}} \geq 1$	$N_{\text{iso}} = 2, 3$	Validation of $f_{1\text{D}}(i)$
N_{45}	$N_{\text{iso}} = 1, N_{\text{sig}} = 1$	$N_{\text{iso}} = 4, 5$	Assessment of systematics in $f_{1\text{D}}(i)$
	Both muons		
Loose-Iso	$N_{\text{sig}} = 1, N_{\text{soft}} = 1, 2$		Determination of $C(i, j)$
Signal Region	$N_{\text{sig}} = 1, N_{\text{iso}} = 1$		Signal extraction