

Region	Main background process	Additional AK4 b tag	Leptons	Double-b tag
Signal	Z+jets, $t\bar{t}$, W+jets	0	0	pass
Single-lepton, b-tagged	$t\bar{t}$, W+jets	1	1	pass/fail
Single-lepton, anti-b-tagged	W+jets, $t\bar{t}$	0	1	pass/fail
Dilepton	Z+jets	0	2	pass/fail