Channel	Year	L1 Trigger	HLT Trigger
MET	2016	$p_{\mathrm{T,L1}}^{\mathrm{miss}} > 110$ or 120 GeV	$p_{\mathrm{T}}^{\mathrm{miss}} > 170$ GeV
	2017/2018	$p_{\mathrm{T,L1}}^{\mathrm{miss}} > 120$ GeV	$p_{\mathrm{T}}^{\mathrm{miss}} > 180$ GeV
1 electron	2016	$E_{\mathrm{T,L1}} > 27$ GeV	$p_{\mathrm{T}}(\mathrm{e}) > 32$ GeV
	2017/2018	$E_{\mathrm{T,L1}} > 30$ GeV	$p_{\mathrm{T}}(\mathrm{e}) > 35$ GeV
1 muon	2016	$p_{\mathrm{TL1}}(\mu) > 22$ GeV	$p_{\mathrm{T}}(\mu) > 24$ GeV
	2017/2018	$p_{\mathrm{TL1}}(\mu) > 25$ GeV	$p_{\mathrm{T}}(\mu) > 27$ GeV
2 electrons	2016–2018	$E_{\mathrm{T,L1}}(1) > 22$ and $E_{\mathrm{T,L1}}(2) > 10$ GeV	$p_{\mathrm{T}}(\mathrm{e}_1) > 22$ GeV and $p_{\mathrm{T}}(\mathrm{e}_2) > 10$ GeV
2 muons	2016–2018	$p_{\mathrm{TL1}}(\mu_1) > 15$ and $p_{\mathrm{TL1}}(\mu_2) > 8$ GeV	$p_{\mathrm{T}}(\mu_1) > 17$ and $p_{\mathrm{T}}(\mu_2) > 8$ GeV
FH	2016	Four $E_{\mathrm{T,L1}} > 50$ GeV or $H_{\mathrm{T}} > 280$ GeV	Four jets with $p_{\mathrm{T}} > 45$ GeV
		Two $E_{\mathrm{T,L1}} > 100$ GeV or one $E_{\mathrm{T,L1}} > 200$ GeV	Two jets with $p_{\mathrm{T}} > 100$ GeV with $\Delta\eta_{1,2} < 1.6$
		Two $E_{\mathrm{T,L1}} > 100$ GeV or one $E_{\mathrm{T,L1}} > 170$ GeV or $H_{\mathrm{T}} > 280$ GeV	Two jets with $p_{\mathrm{T}} > 90$ GeV and two jets with $p_{\mathrm{T}} > 30$ GeV
	2017	Four $E_{\mathrm{T,L1}} > 60$ GeV or $H_{\mathrm{T}} > 380$ GeV or $E_{\mathrm{T,L1},1} > 70$ GeV, $E_{\mathrm{T,L1},2} > 55$ GeV, $E_{\mathrm{T,L1},3} > 40$ GeV, $E_{\mathrm{T,L1},4} > 35$ GeV and $H_{\mathrm{TT,L1}} > 280$ GeV	Four jets with $p_{\mathrm{T1}} > 75$ GeV, $p_{\mathrm{T3}} > 45$ GeV, $p_{\mathrm{T4}} > 40$ GeV, and $H_{\mathrm{T}} > 300$ GeV
		Two $E_{\mathrm{T,L1}} > 100$ GeV with $\Delta\eta_{1,2} < 1.6$	Two jets with $p_{\mathrm{T}} > 100$ GeV with $\Delta\eta_{1,2} < 1.6$
	2018	Four $E_{\mathrm{T,L1}} > 60$ GeV or $H_{\mathrm{T}} > 380$ GeV or $E_{\mathrm{T,L1},1} > 70$ GeV, $E_{\mathrm{T,L1},2} > 55$ GeV, $E_{\mathrm{T,L1},3} > 40$ GeV, $E_{\mathrm{T,L1},4} > 40$ GeV and $H_{\mathrm{TL1}} > 320$ GeV	Four jets with $p_{\mathrm{T1}} > 75$ GeV, $p_{\mathrm{T2}} > 60$ GeV, $p_{\mathrm{T3}} > 45$ GeV, $p_{\mathrm{T4}} > 40$ GeV, and $H_{\mathrm{T}} > 330$ GeV
		Two $E_{\mathrm{T,L1}} > 112$ GeV with $\Delta\eta_{1,2} < 1.6$ or two $E_{\mathrm{T,L1}} > 150$ GeV	Two jets with $p_{\mathrm{T}} > 116$ GeV with $\Delta\eta_{1,2} < 1.6$