

Channel	Year	L1 trigger	HLT
MET	2016	$p_{T,L1}^{\text{miss}} > 110$ or $120$	$p_T^{\text{miss}} > 170$
	2017/2018	$p_{T,L1}^{\text{miss}} > 120$	$p_T^{\text{miss}} > 180$
1 electron	2016	$E_{T,L1} > 27$	$p_T(\text{e}) > 32$
	2017/2018	$E_{T,L1} > 30$	$p_T(\text{e}) > 35$
1 muon	2017	$p_{T,L1}(\mu) > 22$	$p_T(\mu) > 24$
	2016/2018	$p_{T,L1}(\mu) > 25$	$p_T(\mu) > 27$
2 electrons	2016–2018	$E_{T,L1}(\text{e}_1) > 22$ and $E_{T,L1}(\text{e}_2) > 10$	$p_T(\text{e}_1) > 22$ and $p_T(\text{e}_2) > 10$
2 muons	2016–2018	$p_{T,L1}(\mu_1) > 15$ and $p_{T,L1}(\mu_2) > 8$	$p_T(\mu_1) > 17$ and $p_T(\mu_2) > 8$
FH	2016	$H_T > 280$	4 jets $p_T > 45$ , 3 b tags
		$H_T > 280$	4 jets $p_T > (90, 90, 30, 30)$ , 3 b tags
	2017	$H_T > 280$ and $4 \times E_{T,L1} > (70, 55, 40, 35)$	$H_T > 300$ and 4 jets $p_T > (75, 60, 45, 40)$ , 3 b tags
2018	$H_T > 320$ and $4 \times E_{T,L1} > (70, 55, 40, 40)$	$H_T > 330$ and 4 jets $p_T > (75, 60, 45, 40)$ , 3 b tags	