

	Baseline selection	
number of AK8 jets	≥ 2 ($p_{\text{T}} > 350 \text{ GeV}, \eta < 2.4, m_j^{SD} > 50 \text{ GeV}$)	
number of top-tagged jets	$= 2$	
number of photons	≥ 2 ($p_{\text{T}} > 25 \text{ GeV}, \eta < 1.4442, 1.566 \eta < 2.5$)	
$ \Delta\eta(j_1, j_2) $ (highest p_{T} jets)	< 1.6	
H_T	$> 900 \text{ GeV}$	
	Signal region (SR)	Control region (CR)
Number of selected WP80 photons	$= 2$	$= 0$