

Photons

Jets

Variable	Requirement	Variable	Requirement
Leading photon p_T	$> m_{\gamma\gamma}/3$	p_T	$> 25 \text{ GeV}$
Subleading photon p_T	$> m_{\gamma\gamma}/4$	$\Delta R_{\gamma j}$	> 0.4
$ \eta $	< 2.5	$ \eta $	< 2.4 (2.5) for 2016 (2017–2018)
		Number of jets	> 1
$m_{\gamma\gamma}$	100–180 GeV		70–190 (70–1200) GeV for HH (HY)
		m_{jj}	Jet-pairs with the highest DEEPJET score sum