

Photon selections

$$p_{\text{T}}/m_{\gamma\gamma} > 1/3 \text{ (leading } \gamma), > 1/4 \text{ (subleading } \gamma)$$

$$|\eta| < 1.44 \text{ or } 1.57 < |\eta| < 2.5$$

$$100 \text{ GeV} < m_{\gamma\gamma} < 180 \text{ GeV}$$

Jet selections

$$p_{\text{T}} > 25 \text{ GeV}$$

$$|\eta| < 2.5$$

$$\Delta R_{\gamma j} > 0.4$$

$$80 \text{ GeV} < m_{jj} < 190 \text{ GeV}$$

At least 2 b-tagged jet (loose WP)
