Description	Hadronic	Leptonic
Leading and sub-leading photon variables	$p_{\mathrm{T}}^{\gamma(1/2)}/m_{\gamma\gamma}$, $\eta^{\gamma(1/2)}$	$p_{\mathrm{T}}^{\gamma(1/2)}/m_{\gamma\gamma}$, $\eta^{\gamma(1/2)}$
Leading and sub-leading photon isolation variables	$\sum_{\Delta R_\gamma<0.4} p_{\mathrm{T}}^{\mathrm{charged}}/p_{\mathrm{T}}^{\gamma}$	$\sum_{\Delta R_\gamma<0.4} p_{\mathrm{T}}^{\mathrm{charged}}/p_{\mathrm{T}}^{\gamma}$
Leading jet kinematics	$p_{\mathrm{T}}^{\mathrm{j1/j2/j3/j4}}$, $\eta^{\mathrm{j1/j2/j3/j4}}$	$p_{\mathrm{T}}^{\mathrm{j1/j2/j3}}$, $\eta^{\mathrm{j1/j2/j3}}$
Leading lepton kinematics	-	p_{T}^{ℓ}, η^{ℓ}
Missing transverse momentum	$\lvert p_{\mathrm{T}}^{\mathrm{miss}}\rvert$	$\lvert p_{\mathrm{T}}^{\mathrm{miss}}\rvert$
Scalar sum of all energy, mitigating the effect of pile-up	S_T	S_T
Minimum difference in azimuthal angle between the diphoton system and object	Closest jet: $\Delta\phi_{\gamma\gamma,\mathrm{j}}$	Leading lepton: $\Delta\phi_{\gamma\gamma,\ell}$
Global variables	N_{jets}, $N_{\mathrm{b\text{-}jets}}$	N_{jets}, $N_{\mathrm{b\text{-}jets}}$, N_{leptons}