

Category	$e^+e^-\gamma$	$\mu^+\mu^-\gamma$
Lepton tagged	additional electron ($p_T > 7 \text{ GeV}$) or muon ($p_T > 5 \text{ GeV}$)	
Di-jet tagged	at least 2 jets required	–same–
Boosted tagged	p_T of $ll\gamma > 60 \text{ GeV}$	–same–
untagged 1	Photon $0 < \eta < 1.4442$ Both leptons $0 < \eta < 1.4442$ $R_9 > 0.94$	Photon $0 < \eta < 1.4442$ Both leptons $0 < \eta < 2.1$ and one lepton $0 < \eta < 0.9$ $R_9 > 0.94$
untagged 2	Photon $0 < \eta < 1.4442$ Both leptons $0 < \eta < 1.4442$ $R_9 < 0.94$	Photon $0 < \eta < 1.4442$ Both leptons $0 < \eta < 2.1$ and one lepton $0 < \eta < 0.9$ $R_9 < 0.94$
untagged 3	Photon $0 < \eta < 1.4442$ At least one lepton $1.4442 < \eta < 2.5$ none between $1.4442 < \eta < 1.566$ No requirement on R_9	Photon $0 < \eta < 1.4442$ Both leptons in $ \eta > 0.9$ or one lepton in $2.1 < \eta < 2.4$ No requirement on R_9
untagged 4	Photon $1.566 < \eta < 2.5$ Both leptons $0 < \eta < 2.5$ none between $1.4442 < \eta < 1.566$ No requirement on R_9	Photon $1.566 < \eta < 2.5$ Both leptons $0 < \eta < 2.4$ No requirement on R_9