

Analysis	Region	MVA Categorization	\tilde{M}_χ
Nonresonant	High mass	HPC: $MVA > 0.97$ MPC: $0.6 < MVA < 0.97$	$\tilde{M}_\chi > 350 \text{ GeV}$
	Low mass	HPC: $MVA > 0.985$ MPC: $0.6 < MVA < 0.985$	$\tilde{M}_\chi < 350 \text{ GeV}$
Resonant	High mass	HPC: $MVA > 0.5$ MPC: $0 < MVA < 0.5$	Mass window
	Low mass	HPC: $MVA > 0.96$ MPC: $0.7 < MVA < 0.96$	Mass window