





$R \rightarrow SH \rightarrow 4\ell + E_{\rm T}^{\rm miss}$

TMVA: Input variables



$\overrightarrow{R} \rightarrow \overrightarrow{SH} \rightarrow 4\ell + E_{T}^{miss}$





 $\overline{R \rightarrow SH \rightarrow 4\ell + E_{T}^{miss}}$



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 $\overline{R} \rightarrow SH \rightarrow 4\ell + E_{\mathsf{T}}^{\mathsf{miss}}$



DiHiggs to 4*ℓ*-lepton analysis



DiHiggs to 4*l*-lepton analysis



DiHiggs to 4ℓ -lepton analysis ML: ROC curve



DiHiggs to 4*l*-lepton analysis



Thank you!

