

35.9 fb⁻¹ (13 TeV)

ZZ Control Region

double binning

$p_{\text{T}}^{\text{leading}}$
 $p_{\text{T}}^{\text{trailing}}$
 $p_{\text{T}} N_{\text{Jets}}$
 $m_{l_{3/4}}$
 ϕ^{leading}
 ϕ^{trailing}
 $p_{\text{T}}^{\text{miss}}$
 $p_{\text{T}} H_{\text{T}}$

normal binning

η^{trailing}
 η^{leading}
 m_{ll}
 $p_{\text{T}}^{\text{leading}}$
 $p_{\text{T}}^{\text{trailing}}$
 $p_{\text{T}} N_{\text{Jets}}$
 $m_{l_{3/4}}$
 ϕ^{leading}
 ϕ^{trailing}
 $p_{\text{T}}^{\text{miss}}$
 $p_{\text{T}} H_{\text{T}}$

half binning

η^{trailing}
 η^{leading}
 m_{ll}
 $p_{\text{T}}^{\text{leading}}$
 $p_{\text{T}}^{\text{trailing}}$
 $p_{\text{T}} N_{\text{Jets}}$
 $m_{l_{3/4}}$
 ϕ^{leading}
 ϕ^{trailing}
 $p_{\text{T}}^{\text{miss}}$
 $p_{\text{T}} H_{\text{T}}$
 η^{trailing}
 η^{leading}
 m_{ll}

- α (int. method)
- stat. error (int. method)
- α (χ^2 method)
- mean (χ^2 method)

0.6

0.8

1

1.2

1.4

Scale Factor α_{ZZ}