

Category

Asymmetry ratio

POWHEG

$1.42^{+0.06}_{-0.05} (scale + PDF)$

MATRIX (NNLO QCD)

$1.428^{+0.002}_{-0.002} (scale)$

MATRIX (NNLO QCDxNLO EWK)

$1.427^{+0.002}_{-0.002} (scale)$

eee(Measured)

$1.36 \pm 0.13(\text{stat.}) \pm 0.01(\text{syst.}) \pm 0.01(\text{lumi.})$

ee $\mu$ (Measured)

$1.40 \pm 0.12(\text{stat.}) \pm 0.02(\text{syst.}) \pm 0.01(\text{lumi.})$

$\mu\mu e$ (Measured)

$1.36 \pm 0.08(\text{stat.}) \pm 0.02(\text{syst.}) \pm 0.01(\text{lumi.})$

$\mu\mu\mu$ (Measured)

$1.44 \pm 0.05(\text{stat.}) \pm 0.02(\text{syst.}) \pm 0.01(\text{lumi.})$

Inclusive (Measured)

$1.41 \pm 0.04(\text{stat.}) \pm 0.01(\text{syst.}) \pm 0.01(\text{lumi.})$