

$\sin^2 \theta_W^{\text{eff, lept.}}$

LEP+SLC

Tevatron

LHC

LHeC ($E_e = 60\text{GeV}$, $\delta_{\text{unc.}} = 0.25\%$)

LHeC ($E_e = 50\text{GeV}$, $\delta_{\text{unc.}} = 0.5\%$)

World Average [2019]

0.231 0.232
 $\sin^2 \theta_W^{\text{eff, lept.}}$

0.231 0.232
 $\sin^2 \theta_W^{\text{eff, lept.}}$