

ATLAS+CMS

LHC_{top}WG

$\sqrt{s} = 7 \text{ TeV}$



$t\bar{t}$ asymmetry

ATLAS I+jets

JHEP 1402 (2014) 107

CMS I+jets

PLB 717 (2012) 129

ATLAS+CMS I+jets

LHC_{top}WG

arXiv:1709.05327

ATLAS dilepton

JHEP 05 (2015) 061

CMS dilepton

JHEP 1404 (2014) 191

Theory (NLO+EW)

PRD 86, 034026 (2012)

$A_C \pm(\text{stat}) \pm(\text{syst})$

$0.006 \pm 0.010 \pm 0.005$

$0.004 \pm 0.010 \pm 0.011$

$0.005 \pm 0.007 \pm 0.006$

$0.021 \pm 0.025 \pm 0.017$

$-0.010 \pm 0.017 \pm 0.008$

0.0123 ± 0.0005

lepton asymmetry

ATLAS dilepton

JHEP 05 (2015) 061

CMS dilepton

JHEP 1404 (2014) 191

Theory (NLO+EW)

PRD 86, 034026 (2012)

$0.024 \pm 0.015 \pm 0.009$

$0.009 \pm 0.010 \pm 0.006$

0.0070 ± 0.0003

-0.1

-0.05

0

0.05

0.1

0.15

A_C