

**ATLAS+CMS Preliminary**

**LHCtopWG**

$\sqrt{s} = 7$  TeV

Sept 2015

### $t\bar{t}$ asymmetry

ATLAS l+jets  
JHEP 1402 (2014) 107



$0.006 \pm 0.010 \pm 0.005$

CMS l+jets  
PLB 717 (2012) 129



$0.004 \pm 0.010 \pm 0.011$

**ATLAS+CMS l+jets**  
Preliminary



**$0.005 \pm 0.007 \pm 0.006$**

ATLAS dilepton  
JHEP 05 (2015) 061



$0.021 \pm 0.025 \pm 0.017$

CMS dilepton  
JHEP 1404 (2014) 191



$-0.010 \pm 0.017 \pm 0.008$

**Theory (NLO+EW)**  
PRD 86, 034026 (2012)

**$0.0123 \pm 0.0005$**

### lepton asymmetry

ATLAS dilepton  
JHEP 05 (2015) 061



$0.024 \pm 0.015 \pm 0.009$

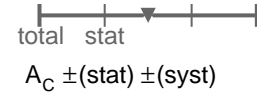
CMS dilepton  
JHEP 1404 (2014) 191



$0.009 \pm 0.010 \pm 0.006$

**Theory (NLO+EW)**  
PRD 86, 034026 (2012)

**$0.0070 \pm 0.0003$**



-0.1

0

0.1

$A_C$