

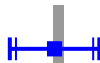
ATLAS+CMS $\sqrt{s} = 8 \text{ TeV}$

LHCtopWG

 $t\bar{t}$ asymmetry $A_C \pm(\text{stat.}) \pm(\text{syst.})$

ATLAS, l+jets

EJC 76 (2016) 87

 $0.0090 \pm 0.0044 \pm 0.0025$

CMS, l+jets (template)

PRD 93 (2016) 034014

 $0.0033 \pm 0.0026 \pm 0.0033$

ATLAS+CMS, l+jets

LHCtopWG

 $0.0055 \pm 0.0023 \pm 0.0025$

CMS, l+jets (unfolding)

PLB 757 (2016) 154

 $0.0010 \pm 0.0068 \pm 0.0037$ ATLAS, dilepton $A_C^{t\bar{t}}$

PRD 94 (2016) 032006

 $0.021 \pm 0.011 \pm 0.012$ CMS, dilepton $A_C^{t\bar{t}}$

PLB 760 (2016) 365

 $0.011 \pm 0.011 \pm 0.007$

QCD NNLO (+ EW NLO)

 $0.0095^{+0.0005}_{-0.0007}$

based on arXiv:1705.04105, JHEP 04 (2017) 071, JHEP 05 (2016) 034

ATLAS, l+jets boosted

 $(|\Delta y| < 2 \text{ and } m_{t\bar{t}} > 0.75 \text{ TeV})$ PLB 756 (2016) 52 $t\bar{t}$  $0.042 \pm 0.019 \pm 0.026$

QCD NLO (+ EW NLO)

 0.0160 ± 0.0004

JHEP 01 (2012) 063

dilepton asymmetryATLAS, dilepton A_C^{ll}

PRD 94 (2016) 032006

 $0.008 \pm 0.005 \pm 0.003$ CMS, dilepton A_C^{ll}

PLB 760 (2016) 365

 $0.003 \pm 0.006 \pm 0.003$

QCD NLO (+ EW NLO)

 0.0064 ± 0.0003

PRD 86 (2012) 034026

-0.04 -0.02 0 0.02 0.04 0.06 0.08

 A_C