

ATLAS+CMS Preliminary m_{top} summary, $\sqrt{s} = 7\text{-}8\text{ TeV}$ TOPLHCWG

..... World Comb. Mar 2014, [7]
 stat \oplus JSF \oplus bJSF
 total uncertainty

stat \oplus JSF \oplus bJSF
 total uncertainty

	$m_{\text{top}} \pm \text{tot. (stat}\oplus\text{JSF}\oplus\text{bJSF} \pm \text{syst)}$	\sqrt{s}	Ref.
ATLAS, l+jets (*)	$172.31 \pm 1.55 (0.75 \pm 1.35)$	7 TeV	[1]
ATLAS, dilepton (*)	$173.09 \pm 1.63 (0.64 \pm 1.50)$	7 TeV	[2]
CMS, l+jets	$173.49 \pm 1.06 (0.43 \pm 0.97)$	7 TeV	[3]
CMS, dilepton	$172.50 \pm 1.52 (0.43 \pm 1.46)$	7 TeV	[4]
CMS, all jets	$173.49 \pm 1.41 (0.69 \pm 1.23)$	7 TeV	[5]
LHC comb. (Sep 2013)	$173.29 \pm 0.95 (0.35 \pm 0.88)$	7 TeV	[6]
World comb. (Mar 2014)	$173.34 \pm 0.76 (0.36 \pm 0.67)$	1.96-7 TeV	[7]

ATLAS, l+jets	$172.33 \pm 1.27 (0.75 \pm 1.02)$	7 TeV	[8]
ATLAS, dilepton	$173.79 \pm 1.41 (0.54 \pm 1.30)$	7 TeV	[8]
ATLAS, all jets	$175.1 \pm 1.8 (1.4 \pm 1.2)$	7 TeV	[9]
ATLAS, single top	$172.2 \pm 2.1 (0.7 \pm 2.0)$	8 TeV	[10]
ATLAS comb. (Mar 2015) l+jets, dil.	$172.99 \pm 0.91 (0.48 \pm 0.78)$	7 TeV	[8]
CMS, l+jets	$172.04 \pm 0.75 (0.18 \pm 0.74)$	8 TeV	[11]
CMS, dilepton	$172.47 \pm 1.41 (0.17 \pm 1.40)$	8 TeV	[12]
CMS, all jets	$172.08 \pm 0.89 (0.37 \pm 0.80)$	8 TeV	[11]
CMS comb. (Sep 2014)	$172.38 \pm 0.65 (0.14 \pm 0.64)$	7+8 TeV	[11]

[1] ATLAS-CONF-2013-046

[7] arXiv:1403.4427

[2] ATLAS-CONF-2013-077

[8] arXiv:1503.05427

[3] JHEP 12 (2012) 105

[9] Eur.Phys.J.C75 (2015) 158

[4] Eur.Phys.J.C72 (2012) 2202

[10] ATLAS-CONF-2014-055

[5] Eur.Phys.J.C74 (2014) 2758

[11] CMS PAS TOP-14-015

[6] ATLAS-CONF-2013-102

[12] CMS PAS TOP-14-010

May 2015

(*) Superseded by results shown below the line

