

## CMS Run 1 combination

arXiv:2402.08713 (2023)

### Lepton+jets, $\sqrt{s} = 8$ TeV

PRD 93 (2016) 072004, 19.7 fb<sup>-1</sup>



$172.35 \pm 0.16 \pm 0.48$  GeV

### Lepton+jets, $\sqrt{s} = 13$ TeV

EPJC 78 (2018) 891, 35.9 fb<sup>-1</sup>



$172.25 \pm 0.08 \pm 0.62$  GeV

### Lepton+jets, $\sqrt{s} = 13$ TeV

EPJC 83 (2023) 963, 36.3 fb<sup>-1</sup>



$171.77 \pm 0.04 \pm 0.37$  GeV

### Dilepton, $\sqrt{s} = 8$ TeV

PRD 96 (2017) 032002, 19.7 fb<sup>-1</sup>



$172.22 \pm 0.18^{+0.89}_{-0.93}$  GeV

### Dilepton, $\sqrt{s} = 13$ TeV

EPJC 79 (2019) 368, 35.9 fb<sup>-1</sup>



$172.33 \pm 0.24^{+0.66}_{-0.72}$  GeV

### Dilepton, $\sqrt{s} = 13$ TeV

JHEP 07 (2023) 077, 36.3 fb<sup>-1</sup>



$171.93 \pm 0.65$  GeV

### All-jets, $\sqrt{s} = 8$ TeV

PRD 93 (2016) 072004, 18.2 fb<sup>-1</sup>



$172.32 \pm 0.25 \pm 0.59$  GeV

### All-jets, $\sqrt{s} = 13$ TeV

EPJC 79 (2019) 313, 35.9 fb<sup>-1</sup>



$172.34 \pm 0.20 \pm 0.70$  GeV

(value  $\pm$  stat.  $\pm$  syst.)

165

170

175

180

$m_t$  [GeV]