

[y(tt̄)]

- $\alpha_s(m_Z)$ with total unc.
- data unc.
- PDF unc.
- μ unc.
- $m_t^{\text{pole}} \pm 1 \text{ GeV}$ unc.

ABMP16

HERAPDF20

CT14

World average [PDG2018]

0.09

0.1

0.11

0.12

0.13

$\alpha_s(m_Z)$

