

CLEO (E_c)

$$3.85 \pm 0.45 \pm 0.22$$



BELLE sim. ann. (m_X, q^2)

$$4.42 \pm 0.47 \pm 0.19$$



BELLE (E_c)

$$4.80 \pm 0.45 \pm 0.20$$



BABAR (E_c)

$$4.29 \pm 0.29 \pm 0.21$$



BABAR (E_c, s_h^{\max})

$$4.42 \pm 0.30 \pm 0.24$$



BELLE m_X

$$4.29 \pm 0.28 \pm 0.22$$



BABAR (m_X, q^2)

$$4.80 \pm 0.35 \pm 0.21$$



Average +/- exp +/- (mb,theory)

$$4.46 \pm 0.20 \pm 0.20$$



$\chi^2/\text{dof} = 10/6$ (CL = 12 %)

Dressed Gluon Exponentiation (DGE)

JHEP 0601:097,2006

m_b input from $b \rightarrow c l \nu$ and $b \rightarrow s \gamma$ moments

HFAG

Summer06

2

4

6

$|V_{ub}| [\times 10^{-3}]$