

CLEO (endpoint)

$$3.85 \pm 0.45 \pm 0.22$$

BELLE (endpoint)

$$4.80 \pm 0.45 \pm 0.20$$

BABAR (endpoint)

$$4.29 \pm 0.29 \pm 0.21$$

BABAR (E_e, q^2)

$$3.96 \pm 0.26 \pm 0.22$$

BELLE m_X

$$4.30 \pm 0.29 \pm 0.22$$

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

$$4.42 \pm 0.47 \pm 0.19$$

BABAR (m_X, q^2)

$$4.80 \pm 0.35 \pm 0.21$$

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

$$4.41 \pm 0.20 \pm 0.20$$

$\chi^2/\text{dof} = 11.9/6$ (CL = 6.3)

Dressed Gluon Exponentiation (DGE)

JHEP 0601:097,2006

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

2

4

6

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

HFAG

Winter 2006