

CLEO (endpoint)

$$3.93 \pm 0.46 \pm 0.32$$

BELLE (endpoint)

$$4.85 \pm 0.45 \pm 0.25$$

BABAR (endpoint)

$$4.35 \pm 0.29 \pm 0.27$$

BABAR ( $E_e, q^2$ )

$$4.04 \pm 0.27 \pm 0.25$$

BELLE  $m_X$

$$4.39 \pm 0.29 \pm 0.26$$

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

$$4.47 \pm 0.47 \pm 0.21$$

BABAR ( $m_X, q^2$ )

$$4.86 \pm 0.36 \pm 0.22$$

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

$$4.49 \pm 0.22 \pm 0.20$$

$\chi^2/\text{dof} = 10.5/6$  (CL = 10.7)

Dressed Gluon Exponentiation (DGE)

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$m_b$  input from  $b \rightarrow s \gamma$  moments

**HFAG**

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4

6

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

