

CLEO (endpoint)

$4.09 \pm 0.48 \pm 0.36$

BELLE (endpoint)

$4.82 \pm 0.45 \pm 0.30$

BABAR (endpoint)

$4.39 \pm 0.25 \pm 0.39$

BABAR ( $E_e, q^2$ )

$4.57 \pm 0.31 \pm 0.41$

BELLE  $m_X$

$4.06 \pm 0.27 \pm 0.24$

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

$4.37 \pm 0.46 \pm 0.29$

BABAR ( $m_X, q^2$ )

$4.75 \pm 0.35 \pm 0.32$

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

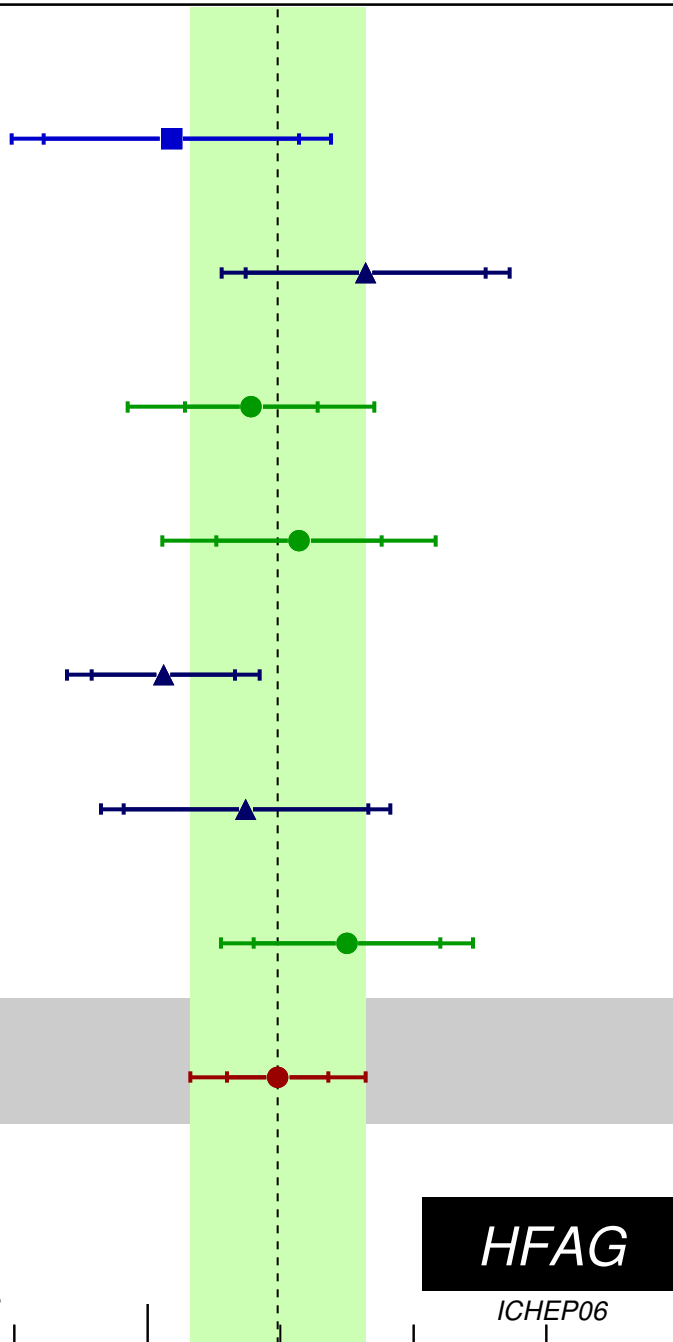
$4.49 \pm 0.19 \pm 0.27$

$\chi^2/\text{dof} = 6.1/6$  (CL = 40.7%)

OPE-HQET-SCET (BLNP)

Phys.Rev.D72:073006,2005

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



2

4

6

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

HFAG

ICHEP06