

CLEO ( $E_e$ )

$$4.22 \pm 0.49 + 0.29 - 0.34$$

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

$$4.51 \pm 0.47 + 0.27 - 0.29$$

BELLE ( $E_e$ )

$$4.93 \pm 0.46 + 0.26 - 0.29$$

BABAR ( $E_e$ )

$$4.41 \pm 0.12 \pm 0.27$$

BABAR ( $E_e, s_h^{\max}$ )

$$4.71 \pm 0.32 + 0.33 - 0.38$$

BELLE  $m_X, q^2$  fit, ( $E_e > 1$ )

$$4.05 \pm 0.23 + 0.18 - 0.20$$

BABAR ( $m_X < 1.55$ )

$$4.24 \pm 0.19 \pm 0.25$$

BABAR ( $m_X < 1.7$ )

$$4.03 \pm 0.22 \pm 0.22$$

BABAR ( $m_X < 1.7, q^2 > 8$ )

$$4.32 \pm 0.23 + 0.26 - 0.28$$

BABAR ( $P^+ < 0.66$ )

$$4.09 \pm 0.25 \pm 0.25$$

BABAR ( $p^* > 1\text{GeV}$ )

$$4.33 \pm 0.24 + 0.19 - 0.21$$

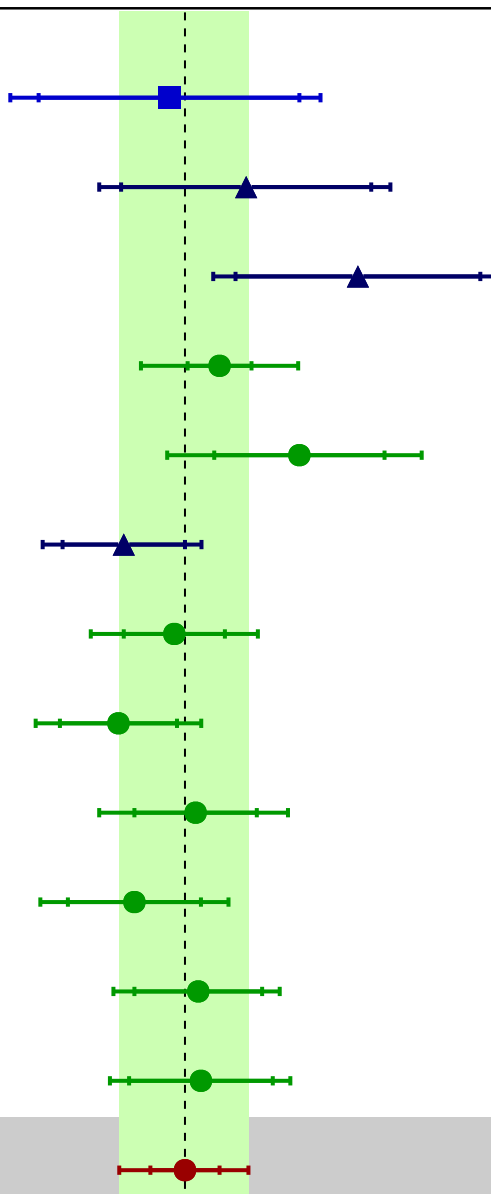
BABAR ( $p^* > 1.3\text{GeV}$ )

$$4.34 \pm 0.27 + 0.20 - 0.21$$

Average +/- exp + th. - th.

$$4.28 \pm 0.13 + 0.20 - 0.21$$

$\chi^2/\text{dof} = 16.0/11$  (CL = 14.00 %)  
Bosch, Lange, Neubert and Paz (BLNP)  
Phys.Rev.D72:073006,2005



**HFLAV**  
2021

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4

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