

CLEO ( $E_e$ )

$$3.86 \pm 0.45 + 0.25 - 0.27$$

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

$$4.43 \pm 0.47 + 0.19 - 0.21$$

BELLE ( $E_e$ )

$$4.82 \pm 0.45 \pm 0.23$$

BABAR ( $E_e$ )

$$4.30 \pm 0.24 + 0.23 - 0.25$$

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

$$4.35 \pm 0.29 + 0.28 - 0.30$$

BELLE multivariate ( $p^*$ )

$$4.62 \pm 0.28 \pm 0.13$$

BABAR ( $m_X < 1.55$ )

$$4.47 \pm 0.20 + 0.19 - 0.24$$

BABAR ( $m_X < 1.7$ )

$$4.22 \pm 0.23 + 0.21 - 0.27$$

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

$$4.24 \pm 0.22 + 0.18 - 0.21$$

BABAR ( $P^+ < 0.66$ )

$$4.17 \pm 0.26 + 0.28 - 0.37$$

BABAR ( $m_X, q^2$  fit,  $p^* > 1\text{GeV}$ )

$$4.45 \pm 0.24 + 0.12 - 0.13$$

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

$$4.43 \pm 0.27 \pm 0.13$$

Average +/- exp + theory - theory

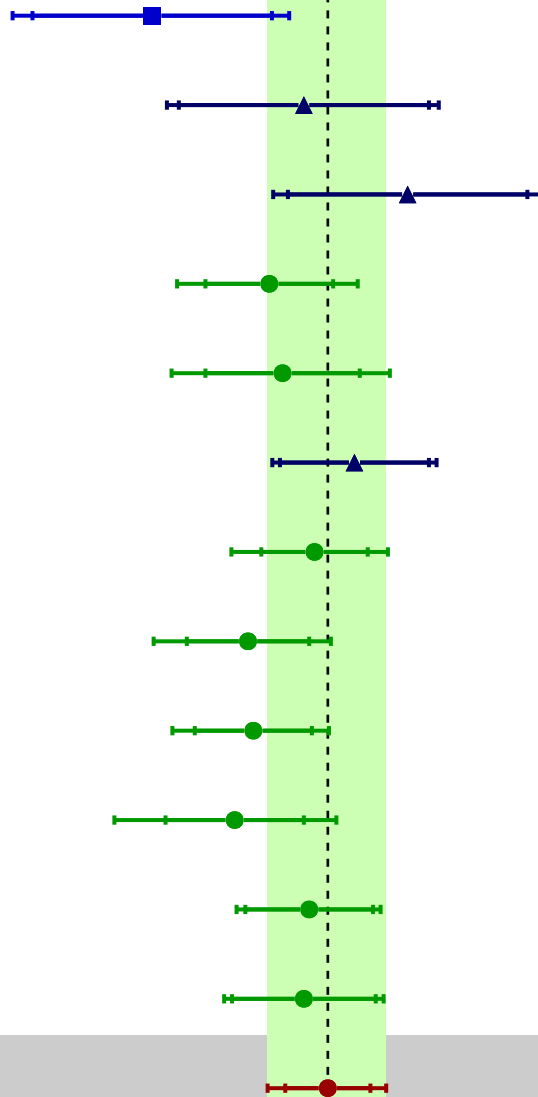
$$4.52 \pm 0.16 + 0.15 - 0.16$$

$\chi^2/\text{dof} = 8.3/11$  (CL = 66.50 %)

Andersen and Gardi (DGE)

JHEP 0601:097,2006

E. Gardi arXiv:0806.4524



**HFAG**

Summer2016

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