## Expected experimental and theoretical accuracies for the UTA inputs in the What Next Era

UTA input	Belle II (2021)	LHCb upgrade (10y run)	Theory (2025)
$V_{cb}^{ m incl.}$	0.6%		
$V_{cb}^{ m excl.}$	1.2%		0.5% (f.f.)
$V_{ub}^{ m incl.}$	3%		
$V_{ub}^{ m excl.}$	5%		1% (f.f.)
$\alpha \ (B \to \pi \pi)$	1°		≤ 1°
$eta\;(car{c}s)$	0.3°	$0.2^{\circ}$	$\leq 0.1^{\circ} \text{ (today } 0.3^{\circ}\text{)}$
$\gamma \ (B \to DK)$	1.5°	$0.9^{\circ}$	$0 \ (< 10^{-7})$
$\varepsilon_K \text{ (today 0.5\% exp. error)}$			0.5% (LD)
$\Delta m_d$			$0.5\%~(B_d)$
$\Delta m_s$			$0.5\% \ (B_s)$
$\phi_s \text{ (today 4° exp. error)}$		0.4°	
$A^s_{SL}$			$\leq 10^{-6} \text{ (today } 2 \cdot 10^{-6}\text{)}$
$A^d_{SL}$			$(today \le 10^{-4}) \rightarrow \dots$