

$$|U|_{3\sigma}^{\text{IC23 w/o SK-atm}} = \begin{pmatrix} 0.810 \rightarrow 0.834 & 0.532 \rightarrow 0.568 & 0.144 \rightarrow 0.156 \\ 0.258 \rightarrow 0.502 & 0.479 \rightarrow 0.680 & 0.650 \rightarrow 0.758 \\ 0.274 \rightarrow 0.512 & 0.486 \rightarrow 0.684 & 0.635 \rightarrow 0.745 \end{pmatrix}$$

$$|U|_{3\sigma}^{\text{IC24 with SK-atm}} = \begin{pmatrix} 0.810 \rightarrow 0.834 & 0.532 \rightarrow 0.568 & 0.144 \rightarrow 0.156 \\ 0.259 \rightarrow 0.498 & 0.514 \rightarrow 0.678 & 0.652 \rightarrow 0.756 \\ 0.280 \rightarrow 0.512 & 0.488 \rightarrow 0.659 & 0.637 \rightarrow 0.743 \end{pmatrix}$$