$\mathbb{P}_U \left[J(\mathbf{k}, \mathbf{U}) \leq \alpha \min_{\mathbf{k}} J(\mathbf{k}, \mathbf{U}) \right]$ for different values of α

- $\alpha = 1$
- $\alpha = 1.1313$
- $\alpha = 1.263$
- $\alpha = 1.394$
- $\alpha = \check{\alpha}$
- $\alpha = \check{\alpha}_{0.05}$
- $\alpha = \check{\alpha}_{0.10}$