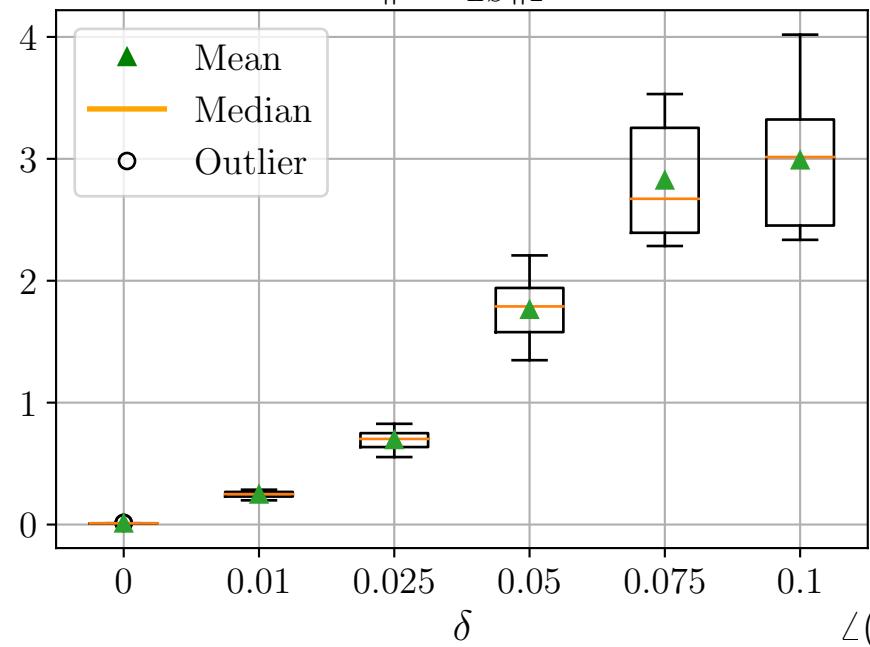


$\|\Delta \tilde{A}_{LS}\|_2$ $\|\Delta \tilde{B}_{LS}\|_2$  $\angle(\theta_{LS}, \Delta\tilde{\theta}_{LS})$ 