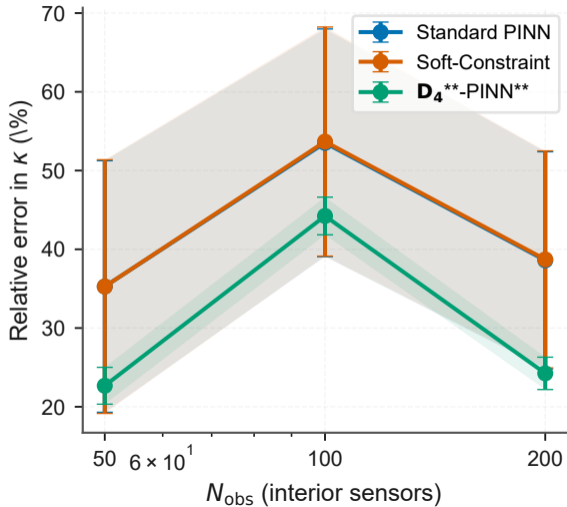


**(a)  $\kappa$  recovery error vs  $N_{\text{obs}}$** **(b) PDE residual at  $N_{\text{obs}}$  (cheating diagnostic)**