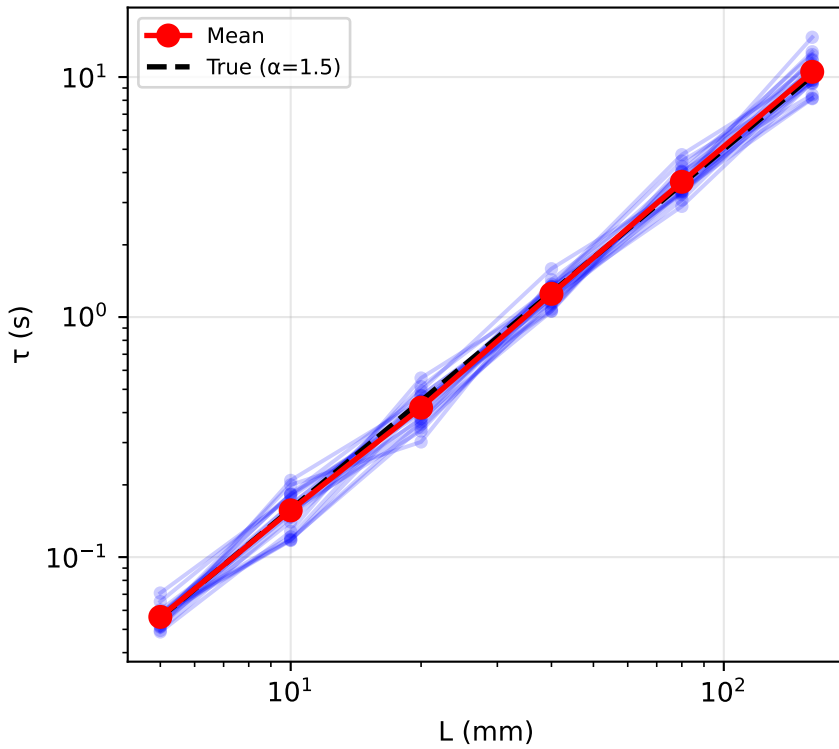
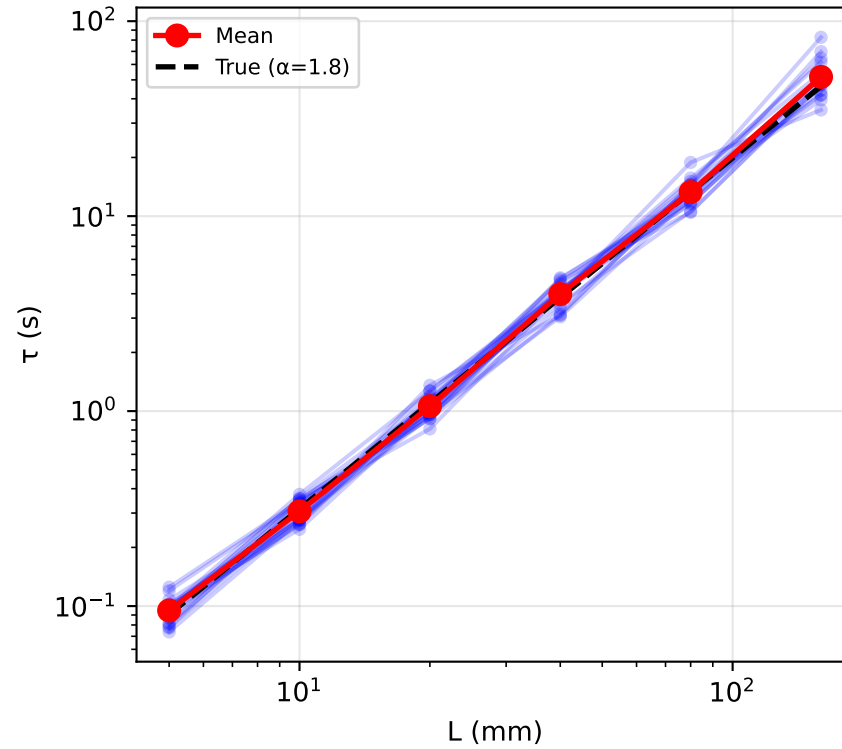


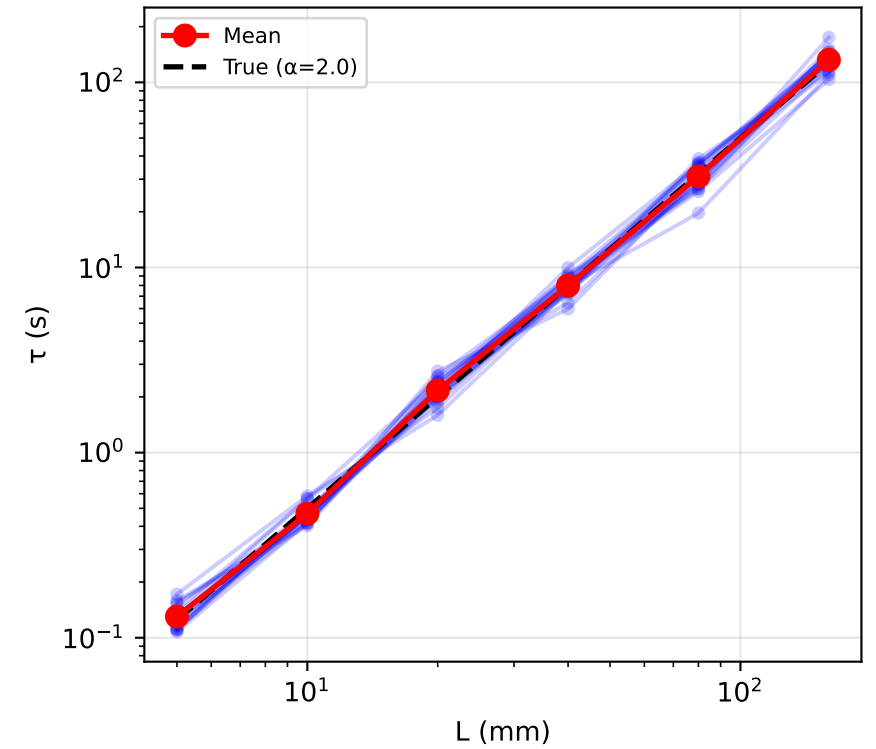
$\alpha_{\text{true}} = 1.5, \alpha_{\text{fit}} = 1.51$
Error = 0.012, $R^2 = 1.000$



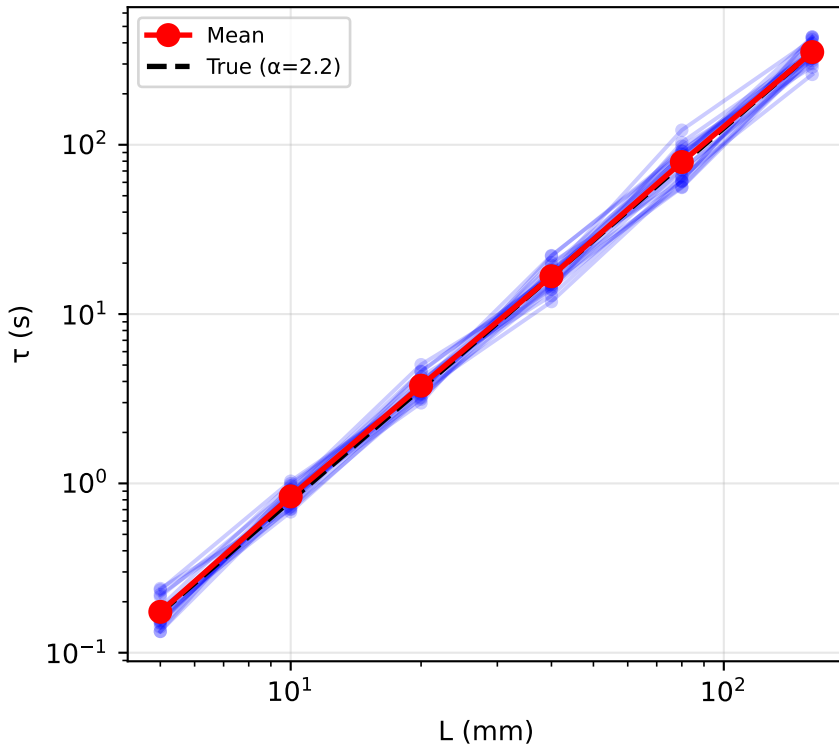
$\alpha_{\text{true}} = 1.8, \alpha_{\text{fit}} = 1.82$
Error = 0.020, $R^2 = 1.000$



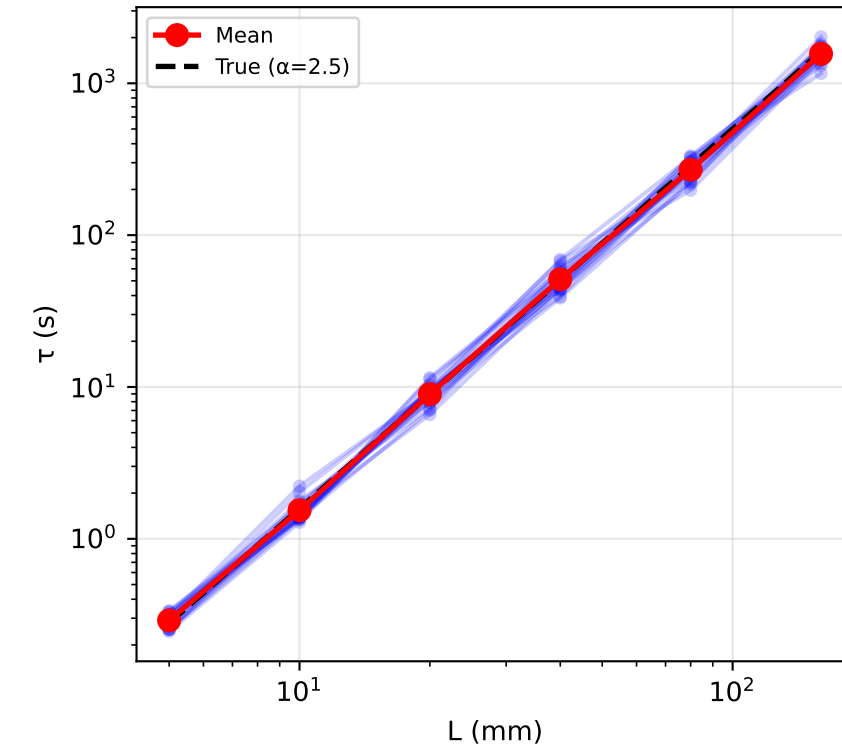
$\alpha_{\text{true}} = 2.0, \alpha_{\text{fit}} = 2.00$
Error = 0.000, $R^2 = 1.000$



$\alpha_{\text{true}} = 2.2, \alpha_{\text{fit}} = 2.19$
Error = 0.007, $R^2 = 1.000$



$\alpha_{\text{true}} = 2.5, \alpha_{\text{fit}} = 2.48$
Error = 0.019, $R^2 = 1.000$



α Recovery from Noisy $\tau(L)$ Data
(20 trials, $\sigma_{\text{noise}} = 0.15$)

α_{true}	α_{fit}	Error	R^2
1.5	1.51	0.012	1.000
1.8	1.82	0.020	1.000
2.0	2.00	0.000	1.000
2.2	2.19	0.007	1.000
2.5	2.48	0.019	1.000

Mean error: 0.012

Mean R^2 : 1.000

CONCLUSION: α recoverable with
~3% error from realistic noise