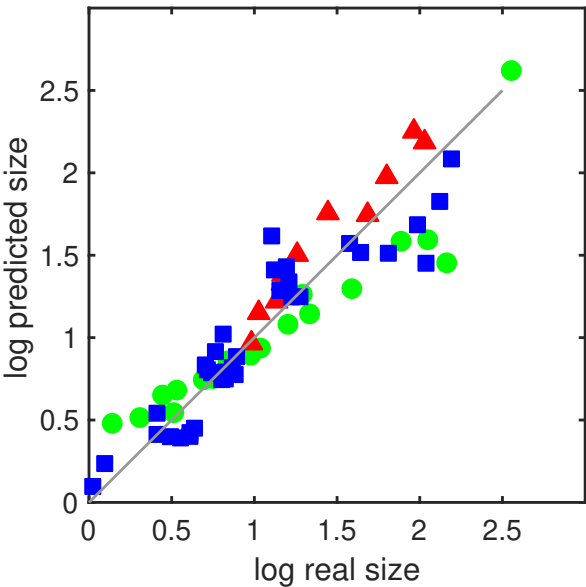


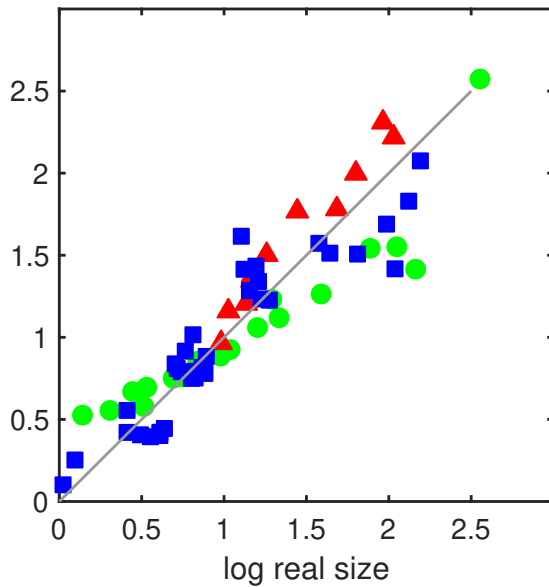
$$a_{\text{sat}} = 0.02$$

$$f_X \propto e^{1.01} \times (r_a/r)^{-0.64}$$



$$a_{\text{sat}} = 0.001$$

$$f_X \propto e^{1.04} \times (r_a/r)^{-0.62}$$



$$a_{\text{sat}} = 0.1$$

$$f_X \propto e^{0.97} \times (r_a/r)^{-0.66}$$

