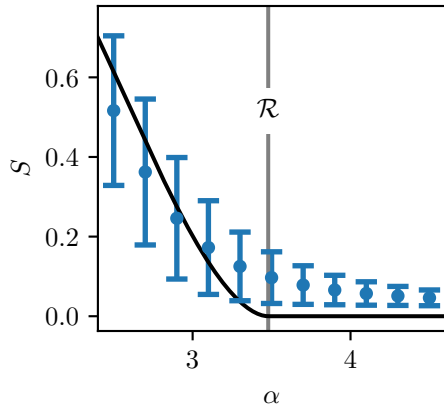
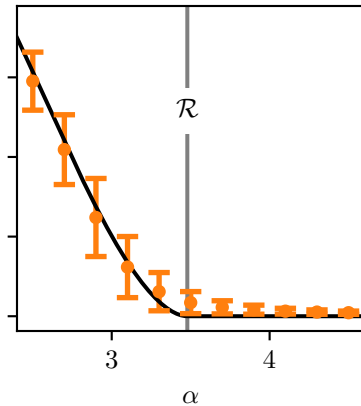


$n = 100, M = 100000$



$n = 1000, M = 10000$



$n = 1000000, M = 10$

