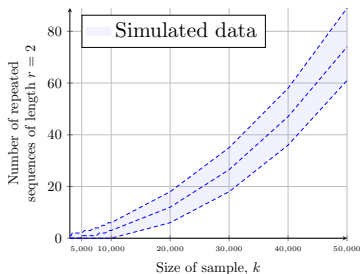
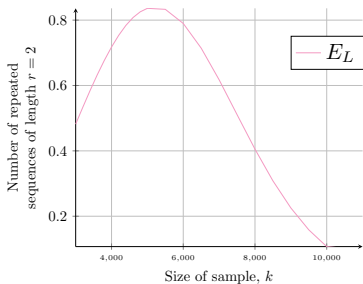


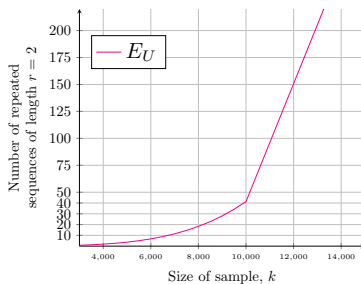
(a) Simulations, $k \in [3000, 21000]$



(b) Simulations, $k \in [3000, 50000]$



(c) Lower theoretical limit, E_L



(d) Upper theoretical limit, E_U