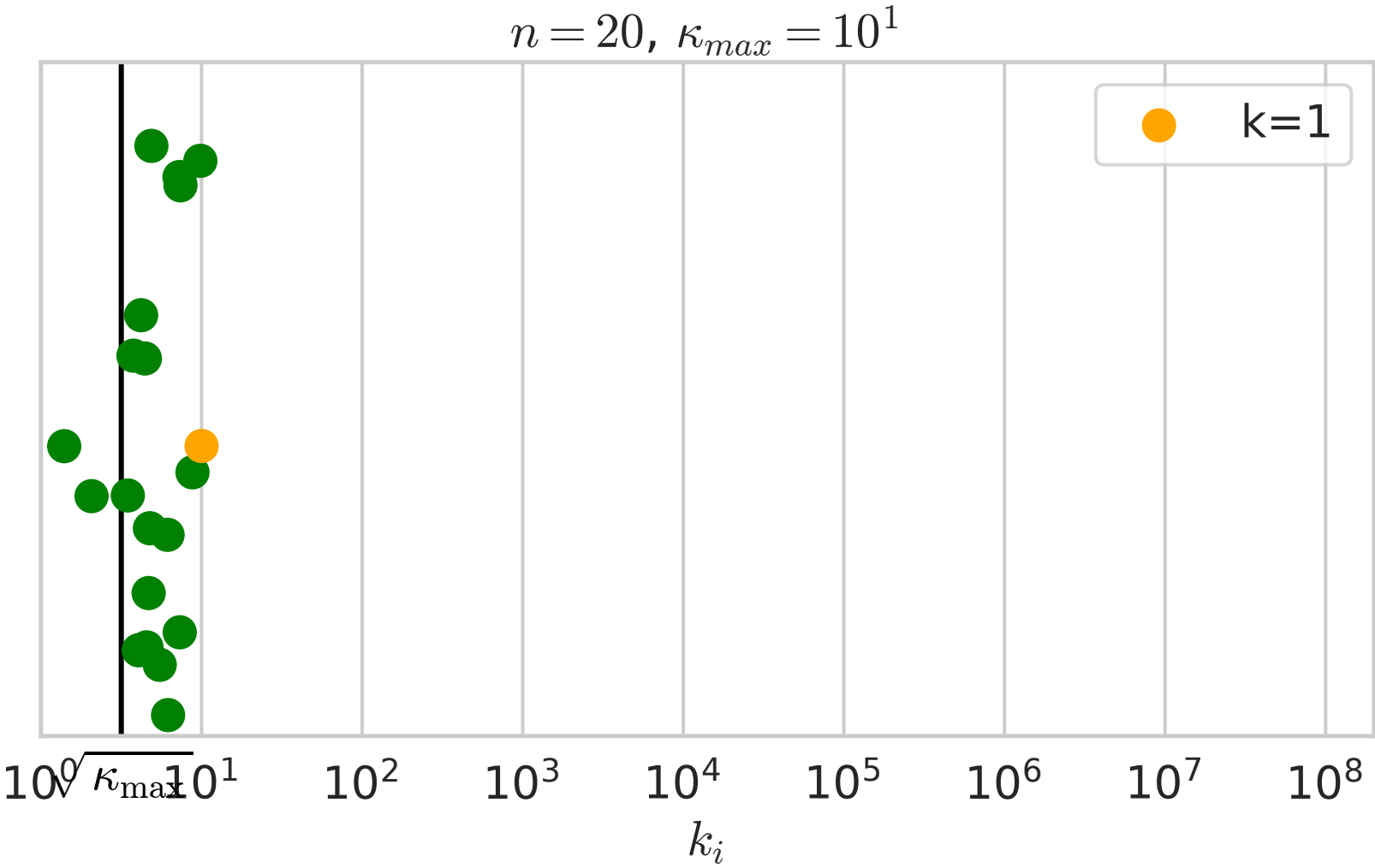
$n = 20,\ \kappa_{max} = 10^1$
k=1
10^0
$\sqrt{\kappa_{\max}}$
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
k_i