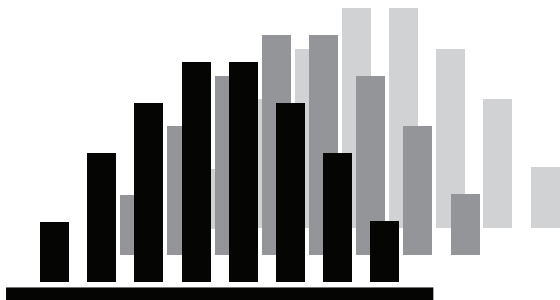


beta



$p_{1, 2, \dots N}$



binomial