|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | PMF/PDF | CDF | Mean | Variance |
| Uniform(a, b) |  |  |  |  |
| Bernoulli(p) |  |  |  |  |
| Binomial(n, p) |  |  |  |  |
| Negative Binomial (r, p) |  |  |  |  |
| Geometric (n, p) |  |  |  |  |
| Poisson () |  |  |  |  |
| Exponential () |  |  |  |  |
| Normal () |  |  |  |  |

Gamma function

Recursive property: ,