Distribution	Parameters	μ	σ^2	Median
Uniform	a, b	$\frac{a+b}{2}$	$\frac{1}{12}(b-a)^2$	$\frac{a+b}{2}$
Hypergeometric	n, K, N	$n\frac{K}{N}$	$n\frac{K}{N}\frac{N-K}{N}\frac{N-n}{N-1}$	
Binomial	n, p	np	$np(1-p)$	np
Poisson	λ	λ	λ	$\lfloor \lambda + 1/3 - 0.02/\lambda \rfloor$
Geometric	p	$\frac{1-p}{p}$	$\frac{1-p}{p^2}$	$\left\lceil \frac{-1}{\log_2(1-p)} \right\rceil - 1$
Negative Binomial	r, p	$\frac{pr}{1-p}$	$\frac{pr}{(1-p)^2}$	
Exponential	λ	$1/\lambda$	$1/\lambda^2$	$\frac{\log 2}{\lambda}$
Log-Normal	μ, σ	$\exp\left(\mu + \frac{\sigma^2}{2}\right)$	$\left(\exp\left(\sigma^2 - 1\right) - 1\right)\exp\left(2\mu + \sigma^2\right)$	$\exp(\mu)$
Student's t	ν	0 (if $\nu > 1$)	$\frac{\nu}{\nu-2}$ (if $\nu > 2$)	0
Normal	μ, σ	μ	σ^2	μ
Chi-squared	k	k	$2k$	$k\left(1 - \frac{2}{9k}\right)^3$
Weibull	λ, k	$\lambda\Gamma\left(1 + 1/k\right)$	$\lambda^2\left[\Gamma\left(1 + \frac{2}{k}\right) - \left(\Gamma\left(1 + \frac{1}{k}\right)\right)^2\right]$	$\lambda(\log 2)^{1/k}$
Gamma	k, θ	$k\theta$	$k\theta^2$	
Beta	α, β	$\frac{\alpha}{\alpha+\beta}$	$\frac{\alpha\beta}{(\alpha+\beta)^2(\alpha+\beta+1)}$	$\frac{\alpha-1/3}{\alpha+\beta-2/3}$
Half-Normal	σ	$\frac{\sigma\sqrt{2}}{\sqrt{\pi}}$	$\sigma^2\left(1 - \frac{2}{\pi}\right)$	$\sigma\sqrt{2}\mathrm{erf}^{-1}(1/2)$