Distribution	Parameters	μ	σ^2	Median
Uniform	a, b	$\frac{a+b}{2}$	$\frac{1}{12} \left(b - a \right)^2$	$\frac{a+b}{2}$
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	$\left\lfloor \lambda + \frac{1}{3} - \frac{0.02}{\lambda} \right\rfloor$
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	$\frac{pr}{1-p}$	$rac{pr}{(1-p)^2}$	
Exponential	λ	$1/\lambda$	$1/\lambda^2$	$\frac{\log 2}{\lambda}$
Log-Normal	μ,σ	$\exp\left(\mu + \frac{\sigma^2}{2}\right)$	$\left(\exp\left(\sigma^2-1\right)-1\right)\exp\left(2\mu+\sigma^2\right)$	$\exp\left(\mu\right)$
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	$\lambda\Gamma\left(1+{}^{1}\!/k ight)$	$\lambda^2 \left[\Gamma \left(1 + \frac{2}{k} \right) - \left(\Gamma \left(1 + \frac{1}{k} \right) \right)^2 \right]$	$\lambda \left(\log 2\right)^{1/k}$
Gamma	k, heta	$k\theta$	$k\theta^2$	
Beta	α, β	$\frac{\alpha}{\alpha + \beta}$	$\frac{lphaeta}{(lpha+eta)^2(lpha+eta+1)}$	$\frac{\alpha - 1/3}{\alpha + \beta - 2/3}$
Half-Normal	σ	$\frac{\sigma\sqrt{2}}{\sqrt{\pi}}$	$\sigma^2 \left(1 - \frac{2}{\pi}\right)$	$\sigma\sqrt{2}\mathrm{erf}^{-1}\left(1/2\right)$