

Equation	Data	Stat	Formula
38	$\mathcal{N}(0, 1)$	mean	$\left(\frac{2^q \Gamma\left(\frac{q+1}{2}\right) p}{\sqrt{\pi}} \right)^{1/q}$
38	$\mathcal{N}(0, 1)$	variance	$\frac{4^q p}{q^2 \left(\frac{2^q \Gamma\left(\frac{1}{2} q + \frac{1}{2}\right) p}{\sqrt{\pi}} \right)^{2\left(1 - \frac{1}{q}\right)}} \left[\frac{\Gamma\left(q + \frac{1}{2}\right)}{\sqrt{\pi}} - \frac{\Gamma^2\left(\frac{1}{2} q + \frac{1}{2}\right)}{\pi} \right]$
48	$\mathcal{U}(0, 1)$	mean	$\left(\frac{2p}{(q+2)(q+1)} \right)^{1/q}$
48	$\mathcal{U}(0, 1)$	variance	$\frac{p}{q^2 \left(\frac{2p}{(q+2)(q+1)} \right)^{2\left(1 - \frac{1}{q}\right)}} \left[\frac{1}{(q+1)(2q+1)} - \left(\frac{2}{(q+2)(q+1)} \right)^2 \right]$
93	$\mathcal{N}(0, 1)$	mean	<div> $\frac{\mu_{D_{ij}}^{(q)}}{2\mu_{\alpha}^{(1)}(m)}$ </div> <p>where $\mu_{D_{ij}}^{(q)}$ and $\mu_{\alpha}^{(1)}(m)$ are given by Eqs. 39 and 88, respectively.</p>
93	$\mathcal{N}(0, 1)$	variance	<div> $\frac{6\log(m)\sigma_{D_{ij}}^2(m)}{\pi^2 + 24 \left[\mu_{\alpha}^{(1)}(m) \right]^2 \log(m)}$ </div> <p>where $\sigma_{D_{ij}}^2(m)$ and $\mu_{\alpha}^{(1)}(m)$ are given by Eqs. 39 and 88, respectively.</p>
101	$\mathcal{U}(0, 1)$	mean	<div> $\frac{(m+1)\mu_{D_{ij}}^{(q)}}{m-1}$ </div> <p>where $\mu_{D_{ij}}^{(q)}$ is given by Eq. 49</p>
101	$\mathcal{U}(0, 1)$	variance	<div> $\frac{(m+2)(m+1)^2\sigma_{D_{ij}}^2(m)}{m^3 - m + 2}$ </div> <p>where $\sigma_{D_{ij}}^2(m)$ is given by Eq. 49</p>