

$q$ -Metric	Data	Stat	Formula (Eq. #)
standard $(\mathbf{L_1})$	$\mathcal{N}(0, 1)$	mean	$\frac{2p}{\sqrt{\pi}} \quad (38)$
		variance	$\frac{2(\pi-2)p}{\pi} \quad (38)$
	$\mathcal{U}(0, 1)$	mean	$\frac{p}{3} \quad (48)$
		variance	$\frac{p}{18} \quad (48)$
standard $(\mathbf{L_2})$	$\mathcal{N}(0, 1)$	mean	$\sqrt{2p-1} \quad (38)$
		variance	$1 \quad (38)$
	$\mathcal{U}(0, 1)$	mean	$\sqrt{\frac{p}{6} - \frac{7}{120}} \quad (48)$
		variance	$\frac{7}{120} \quad (48)$