

$q$ -Metric	Data	Stat	Formula (Eq. #)
standard $L_1$ (Eq. 1)	$\mathcal{N}(0, 1)$	mean	$\frac{2p}{\sqrt{\pi}} \quad (41)$
		variance	$\frac{2(\pi-2)p}{\pi} \quad (42)$
	$\mathcal{U}(0, 1)$	mean	$\frac{p}{3} \quad (43)$
		variance	$\frac{p}{18} \quad (44)$
standard $L_2$ (Eq. 1)	$\mathcal{N}(0, 1)$	mean	$\sqrt{2p-1} \quad (53)$
		variance	$1 \quad (52)$
	$\mathcal{U}(0, 1)$	mean	$\sqrt{\frac{p}{6} - \frac{7}{120}} \quad (56)$
		variance	$\frac{7}{120} \quad (55)$