Chi Posterior of Variance

Density

theta

CDF posterior random draws

Cumulative probability
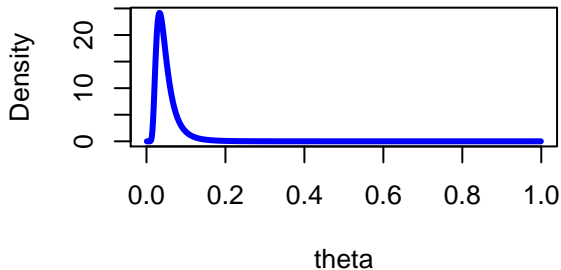
no. of draws
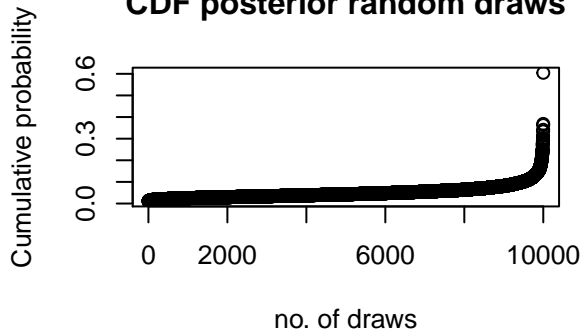
Histogram of posteriorRandomDraw

Frequency

posteriorRandomDraw