N = 500 samples from lognormal(0.877696, 0.441833)
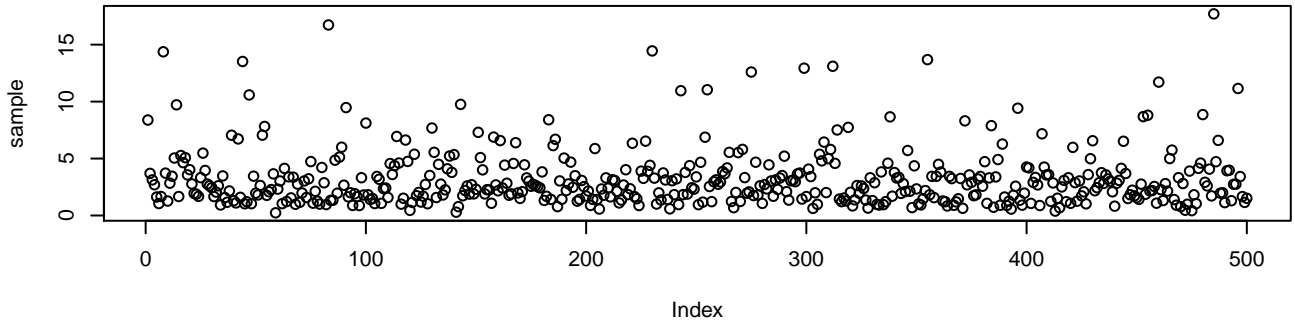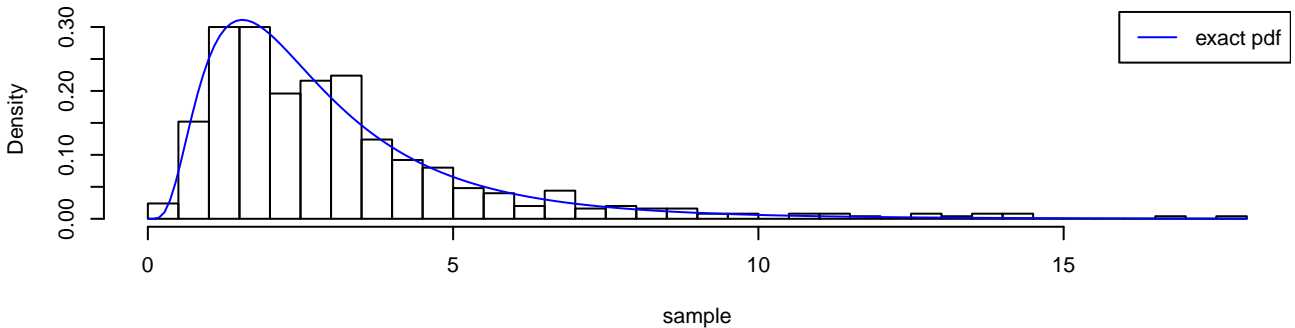**mean=3.178364, var=6.329514**

Histogram of samples v.s. exact pdf

empirical pdf v.s. exact pdf