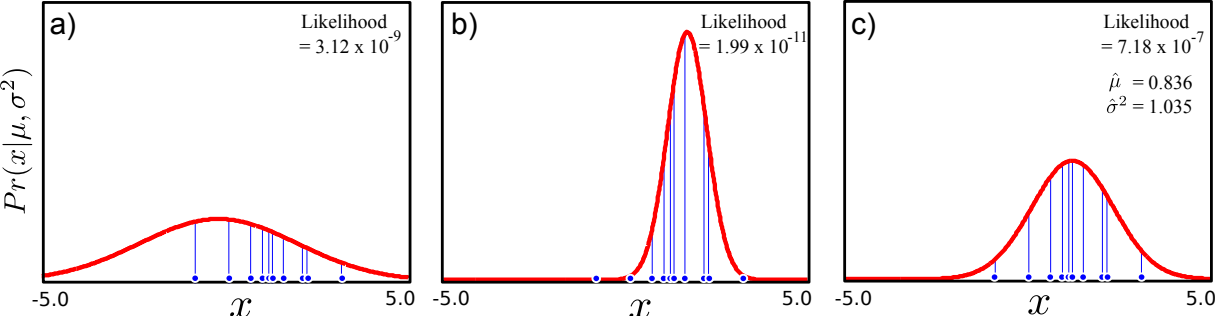
a)
Likelihood
= 3.12 x 10^-9
b)
Likelihood
= 1.99 x 10^-11
c)
Likelihood
= 7.18 x 10^-7
$\hat{\mu}$ = 0.836
$\hat{\sigma}^2$ = 1.035
$Pr(x|\mu, \sigma^2)$
-5.0
5.0
x