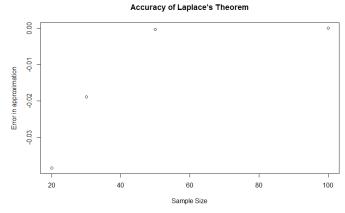
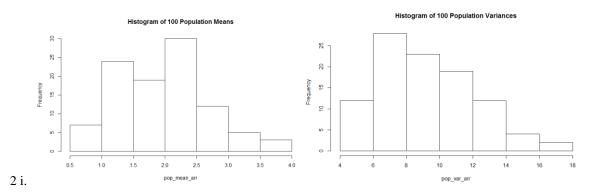
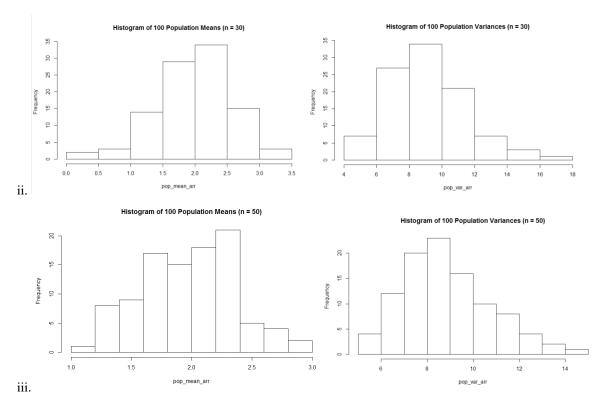
iii.

$_{ m ii.}$ [1] 6.339474e-01 1.129087e-01 5.819235e-04 8.919414e-11



iv. As sample size increases, the difference between Laplace's Theorem's approximation and the actual binomial distribution gets smaller and smaller, meaning the theorem's approximations become more and more accurate.





iv. As population size increases, the frequencies of mean and standard deviation approach the given values – the most common mean centers around 2, and the most common variation is 3^2 , or 9. Testing this for n = 100 only continues to prove this.