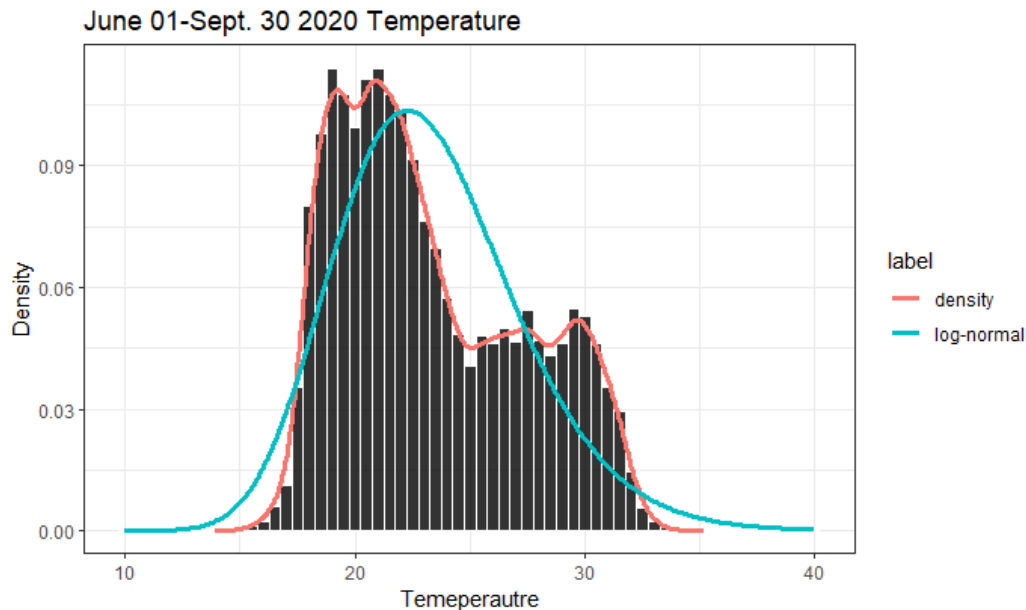
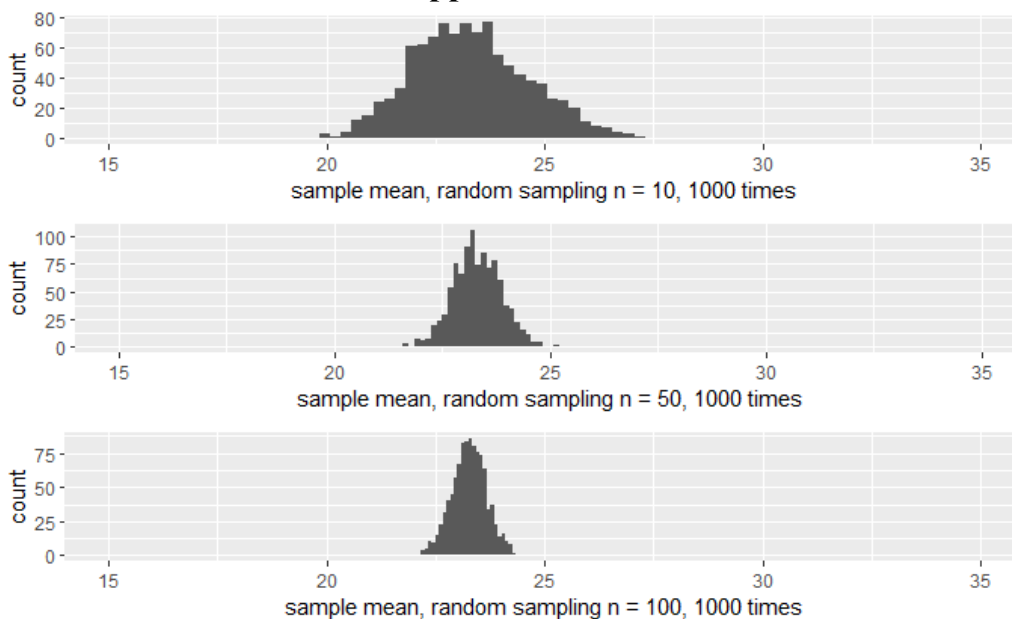


(1) Fitting the data with “log-Normal” distribution and then comparing it with density curve. Make a description on the plotting result.



無法用 log-normal 去吻合數據的 density curve，因為 density curve 為雙峰值的機率函數，不能用單峰值的 log-normal 做 fitting

(2) Based on the temperature dataset, please sampling 1,000 times with sample sizes of 10, 50, 100, and see what's happened and make a comment.



```
> summary(d.temp)
Temperature
Min.   :15.27
1st Qu.:19.96
Median :22.30
Mean   :23.29
3rd Qu.:26.55
Max.   :33.81
```

Sample size 越大，抽樣資料看起來越收斂，變異數越小，也越接近母體平均值 23.29