```
> su <- read.delim("Su_raw_matrix.txt")</pre>
Q1:
         > mean(su$Liver_2.CEL)
         [1] 241.8246
         > sd(su$Liver_2.CEL)
         [1] 1133.352
         > colMeans(su)
                                  Brain_2.CEL Fetal_brain_1.CEL
                Brain_1.CEL
                   204.9763
                                      315.0924
                                                         198.3439
         Fetal_brain_2.CEL Fetal_liver_1.CEL Fetal_liver_2.CEL
                   267.6551
                                      209.8722
                                                         399.1482
               Liver_1.CEL
                                  Liver_2.CEL
                   160.8558
                                      241.8246
         > colSums(su)
                                  Brain_2.CEL Fetal_brain_1.CEL
               Brain_1.CEL
                    2588031
                                       3978357
                                                          2504290
         Fetal_brain_2.CEL Fetal_liver_1.CEL Fetal_liver_2.CEL
                                       2649846
                    3379413
                                                          5039645
               Liver_1.CEL
                                  Liver_2.CEL
                    2030966
                                       3053278
         > View(su)
```

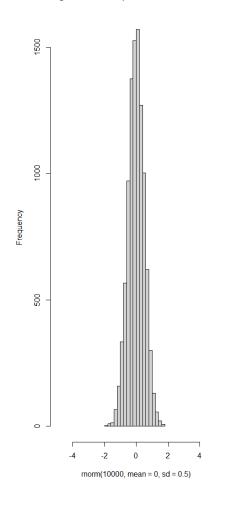
## Q2:

## Histogram of rnorm(10000, mean = 0, sd = 0.2)

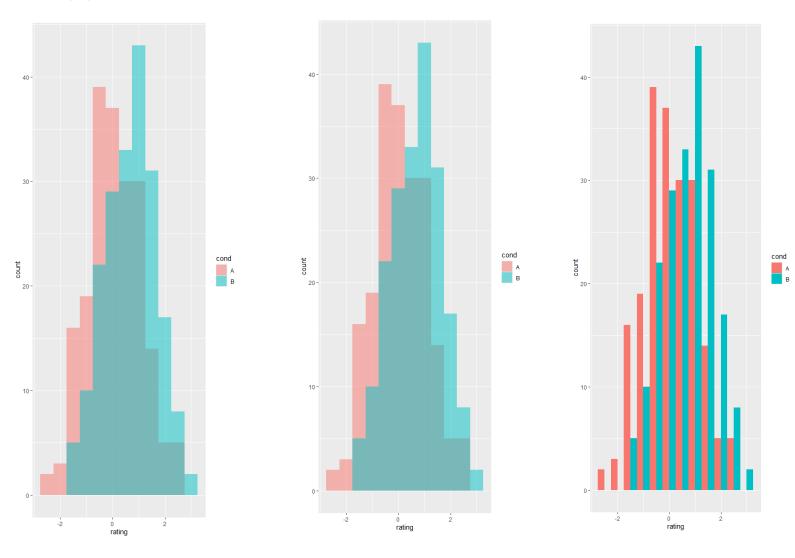
## 0001 0001 005 0.5 0.0 0.5

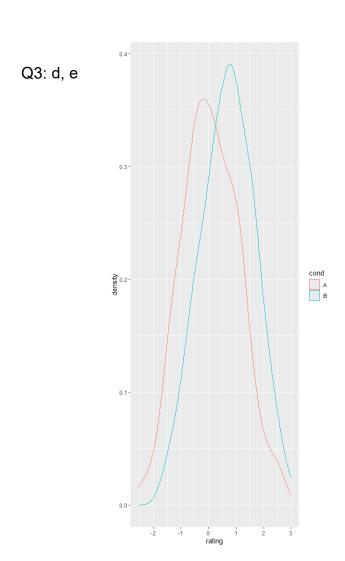
rnorm(10000, mean = 0, sd = 0.2)

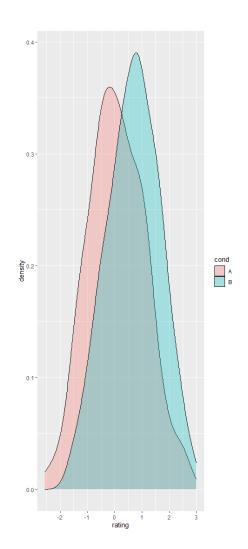
## Histogram of rnorm(10000, mean = 0, sd = 0.5)



Q3: a, b, c







Q3: f -> b through e

