EDA HW#8

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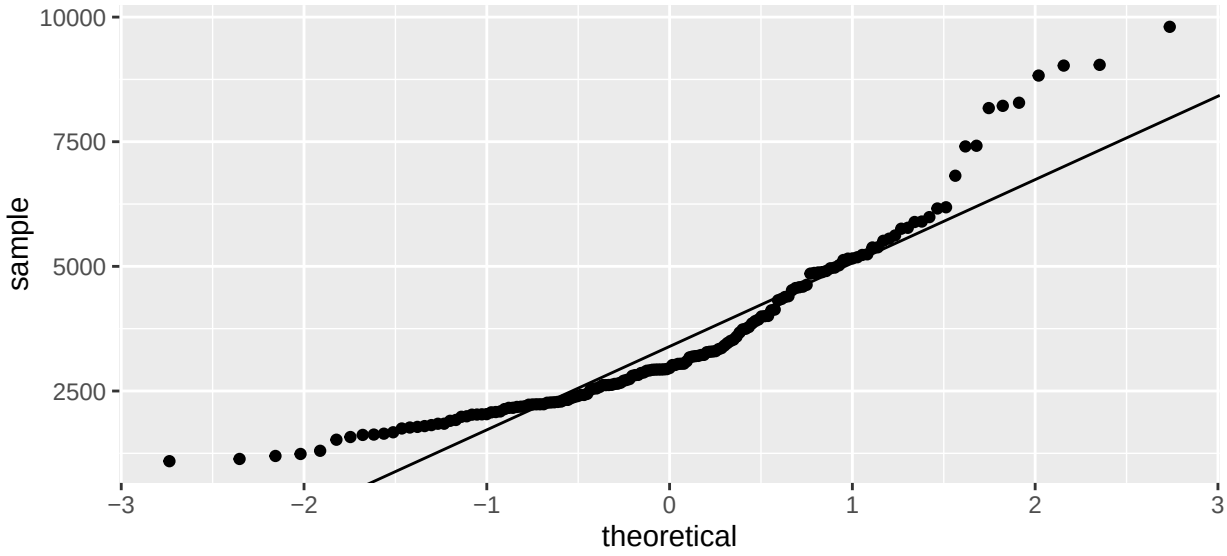
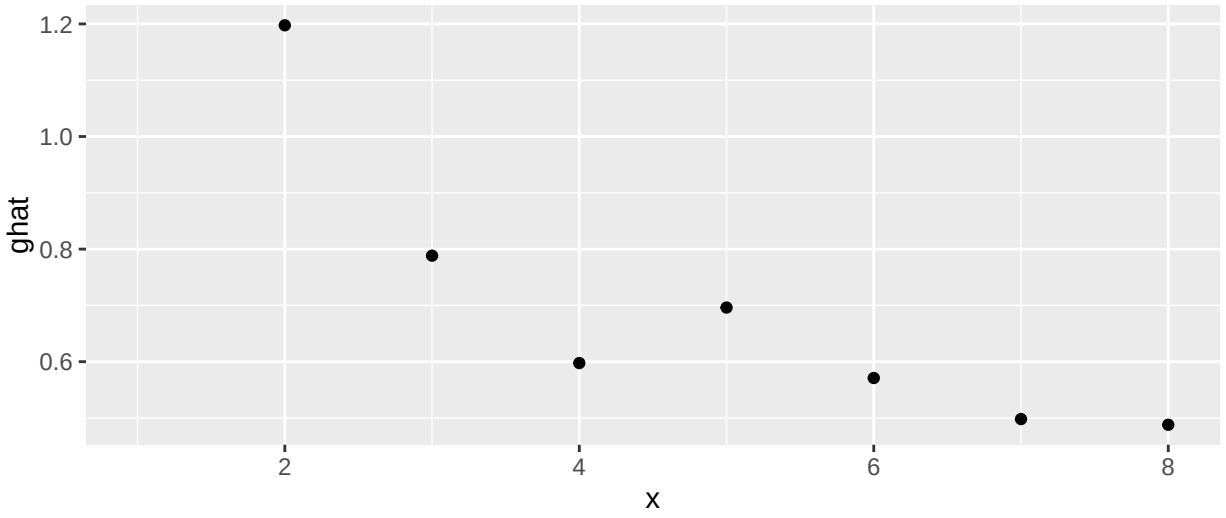
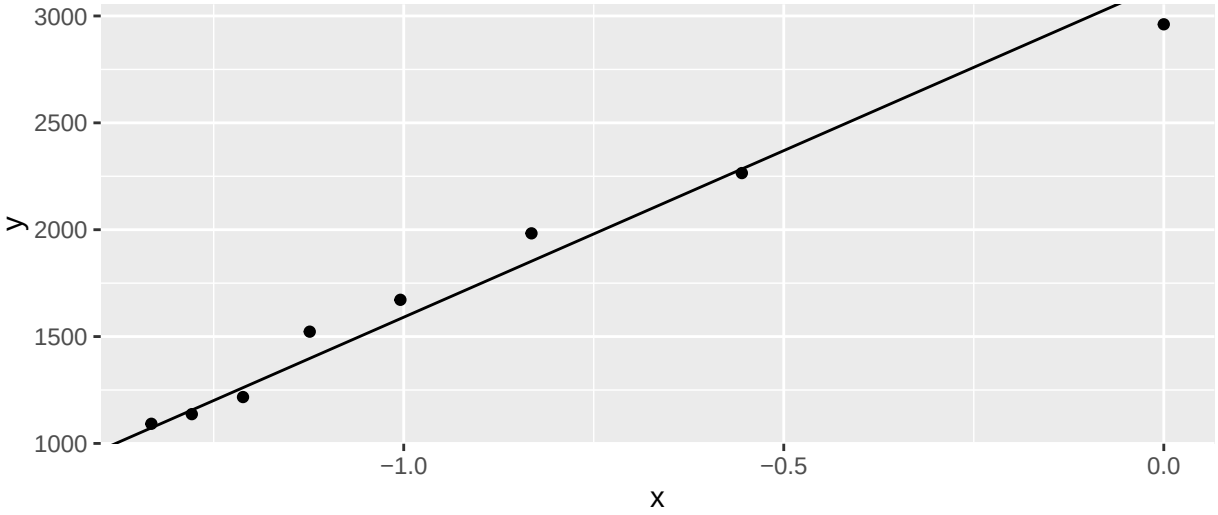
Ex 2



The QQ-plot shows the distribution appears skewed.

```
## Warning: Removed 1 rows containing missing values (geom_point).
```

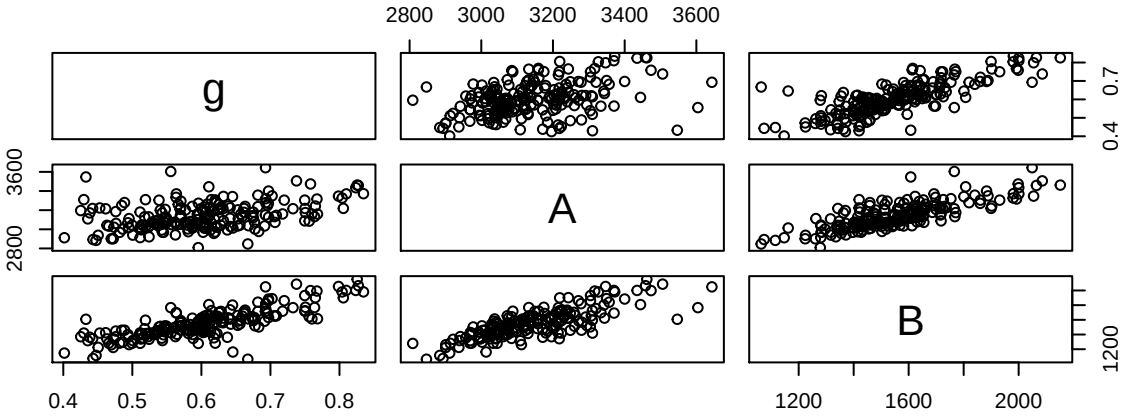


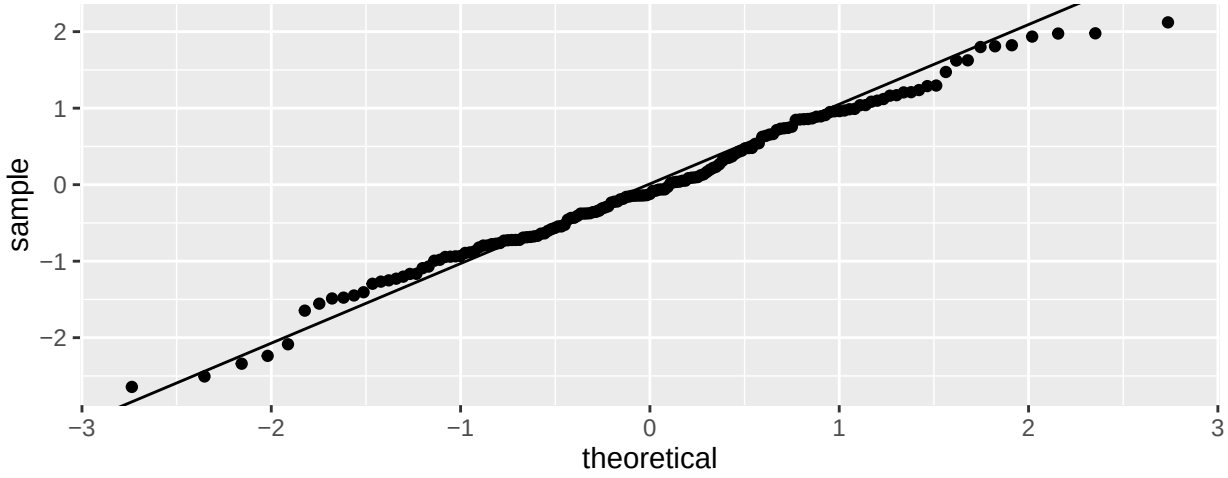


I estimated A to be 3149.2682402, B to be 1558.7168469, g to be 0.5975776.

```
##               g        A        B
## lower 0.4501273 2906.356 1220.863
## upper 0.7545191 3377.575 1879.350
```

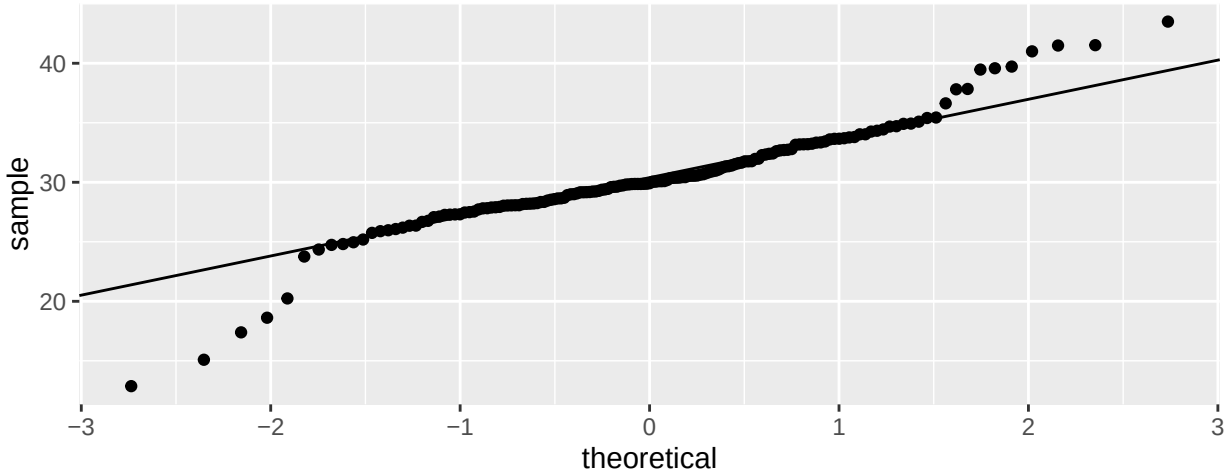
```
##           g         A         B
## g 1.0000000 0.4096526 0.7977789
## A 0.4096526 1.0000000 0.8001422
## B 0.7977789 0.8001422 1.0000000
```



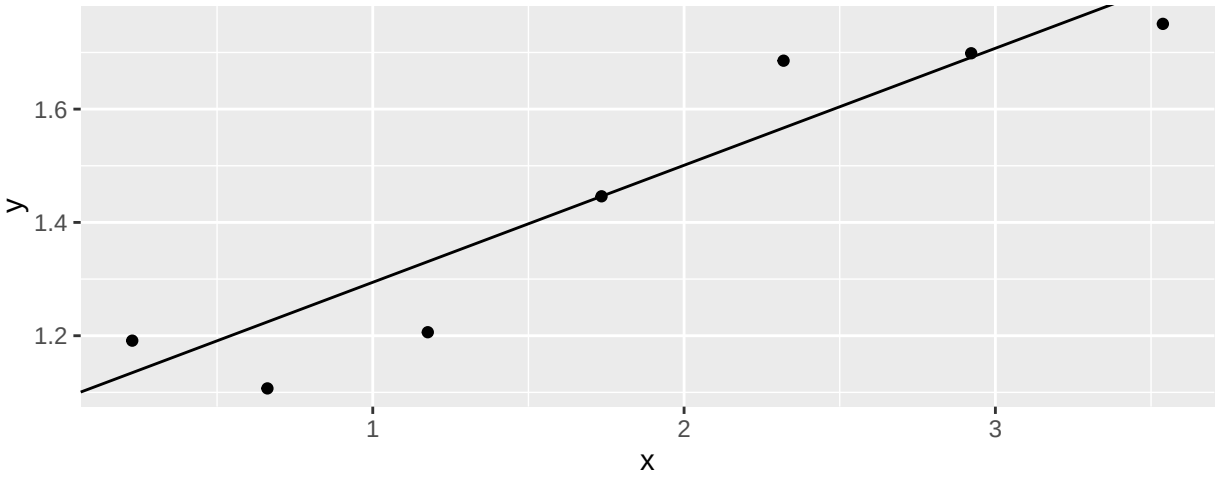


The transformed data looks less skewed.

Ex 3



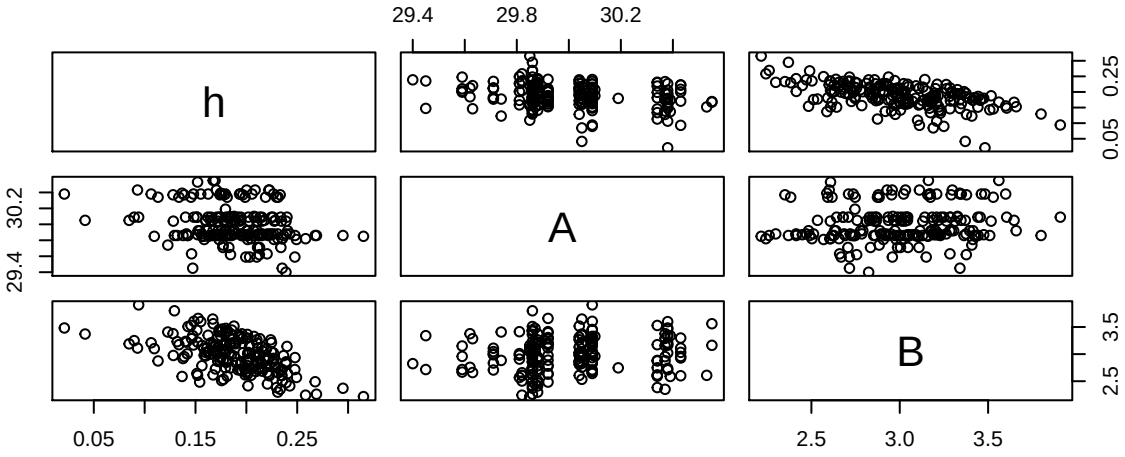
The data appear to be long-tailed compared to Gaussian.




```
##          h          A          B
##  0.2065645 29.9200000  2.9674945
```

```
##               h        A        B
## lower 0.1224548 29.61813 2.466980
## upper 0.2537641 30.37317 3.530826
```

```
##            h          A          B
## h  1.0000000 -0.2540256 -0.5489236
## A -0.2540256  1.0000000  0.1272925
## B -0.5489236  0.1272925  1.0000000
```


h
A
B
29.4
29.8
30.2
0.05
0.25
29.4
30.2
0.05
0.15
0.25
2.5
3.0
3.5
2.5
3.5