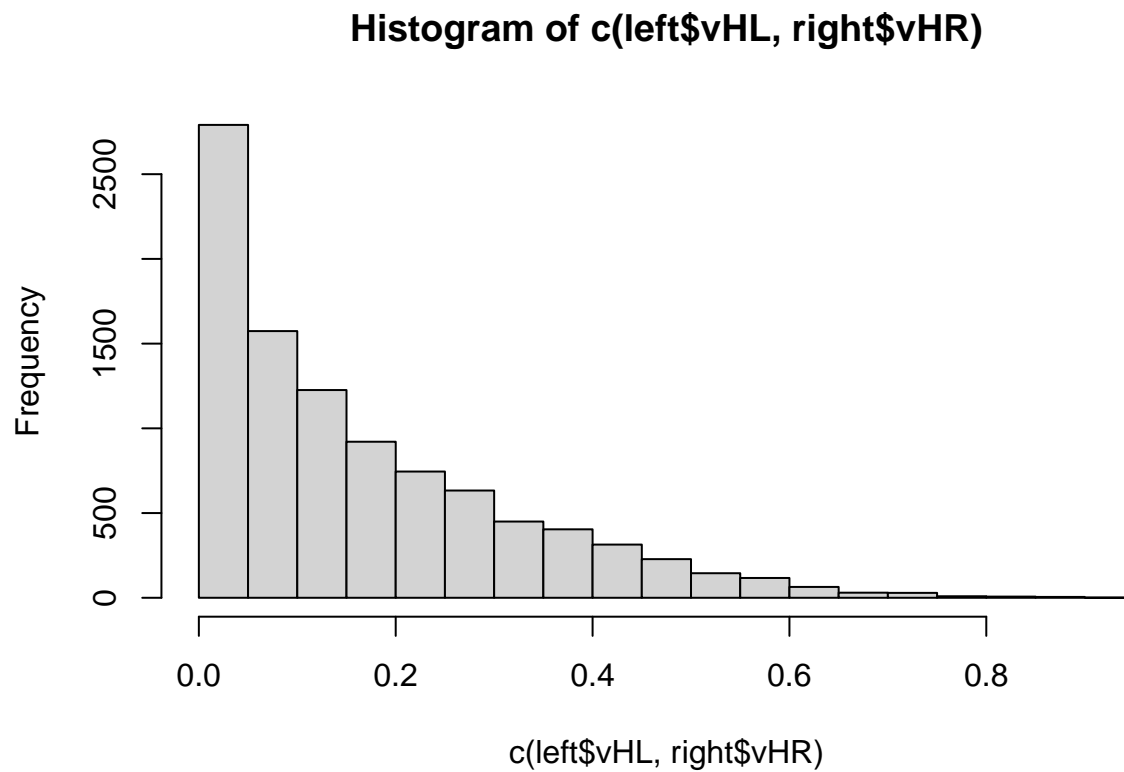
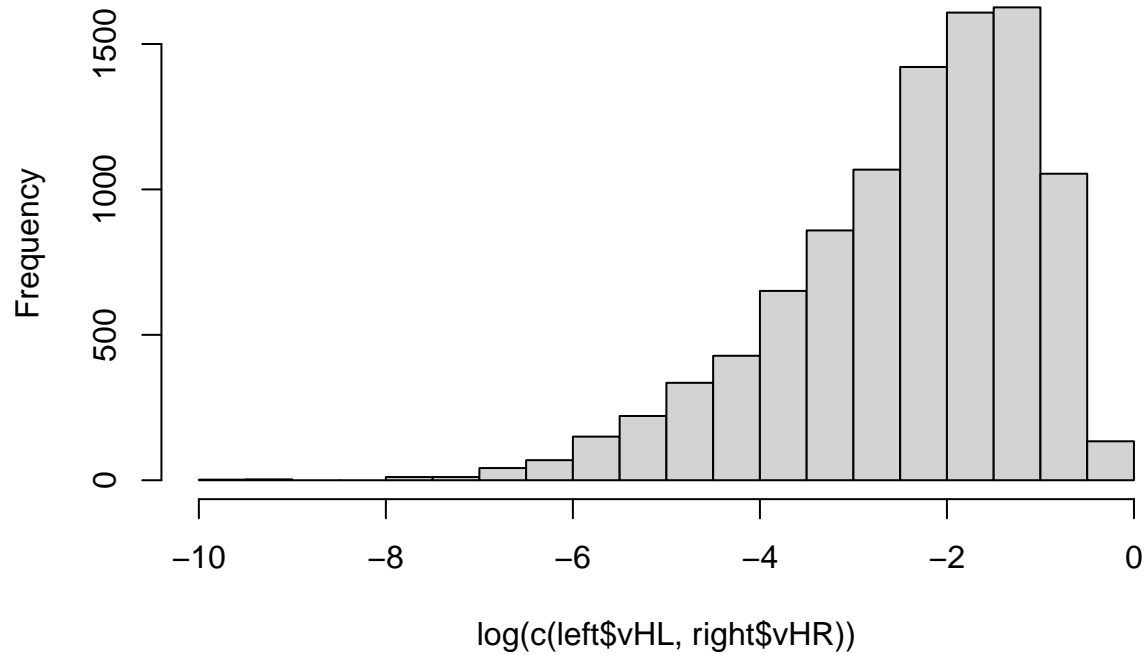


```
left=read.csv('Y:/data/vHL.csv')
right=read.csv('Y:/data/vHR.csv')
hist(c(left$vHL,right$vHR))
```



```
hist(log(c(left$vHL,right$vHR)))
```

Histogram of $\log(c(\text{left}\$vHL, \text{right}\$vHR))$



```
### get mag values for plotting
quantile(log(c(left$vHL, right$vHR)), seq(0, .1, .02))
```

```
##          0%          2%          4%          6%          8%          10%
## -9.572110 -5.784097 -5.234505 -4.864208 -4.584406 -4.339164
```