

Paul Kogan-HW1

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1

```
cat("a)\t", pnorm(16, mean = 15, sd = 3, lower.tail = FALSE), "\nb)\t",  
    pchisq(8, 10), "\nc)\t", dbinom(5, 10, 0.4), "\nd)\t", dpois(5, 3))
```

```
## a)    0.3694413  
## b)    0.3711631  
## c)    0.2006581  
## d)    0.1008188
```

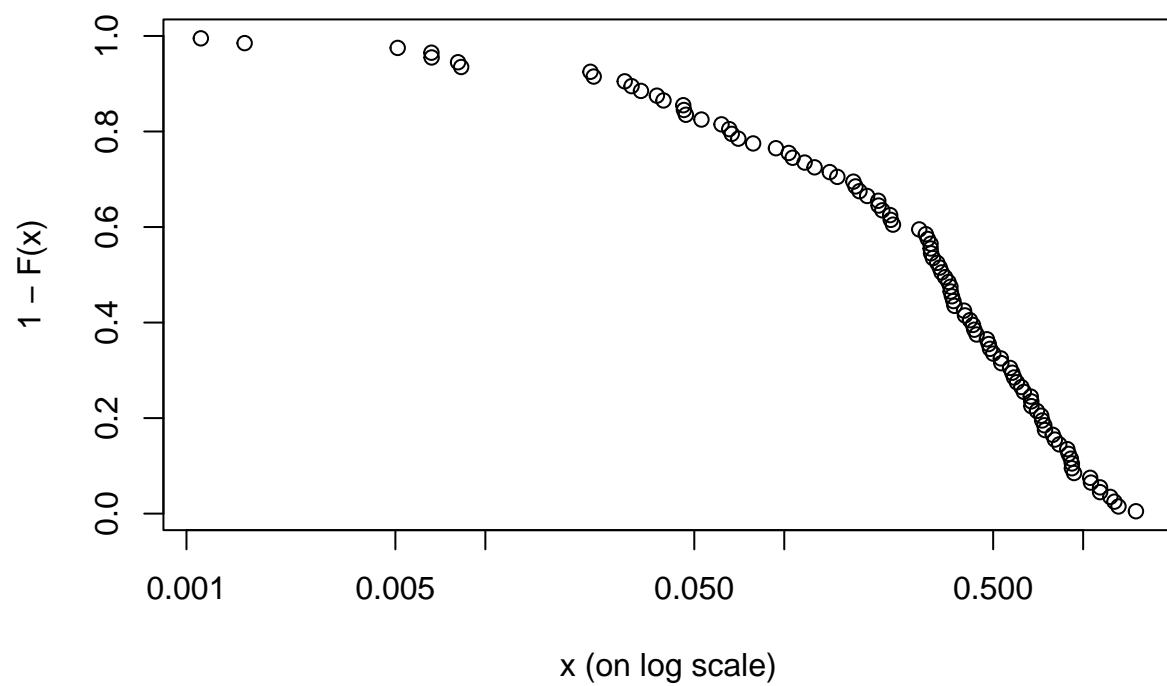
2

```
table <- as.table(array(c(25, 18, 13, 6, 121, 92, 130, 87), dim = c(4, 2),  
                        dimnames = list(c("18-20", "21-23", "24-25", ">25"),  
                                         c("Yes", "No"))))  
names(attributes(table)$dimnames) <- c("Age", "Accidents")  
table
```

```
##           Accidents  
## Age      Yes  No  
## 18-20    25 121  
## 21-23    18  92  
## 24-25    13 130  
## >25       6  87
```

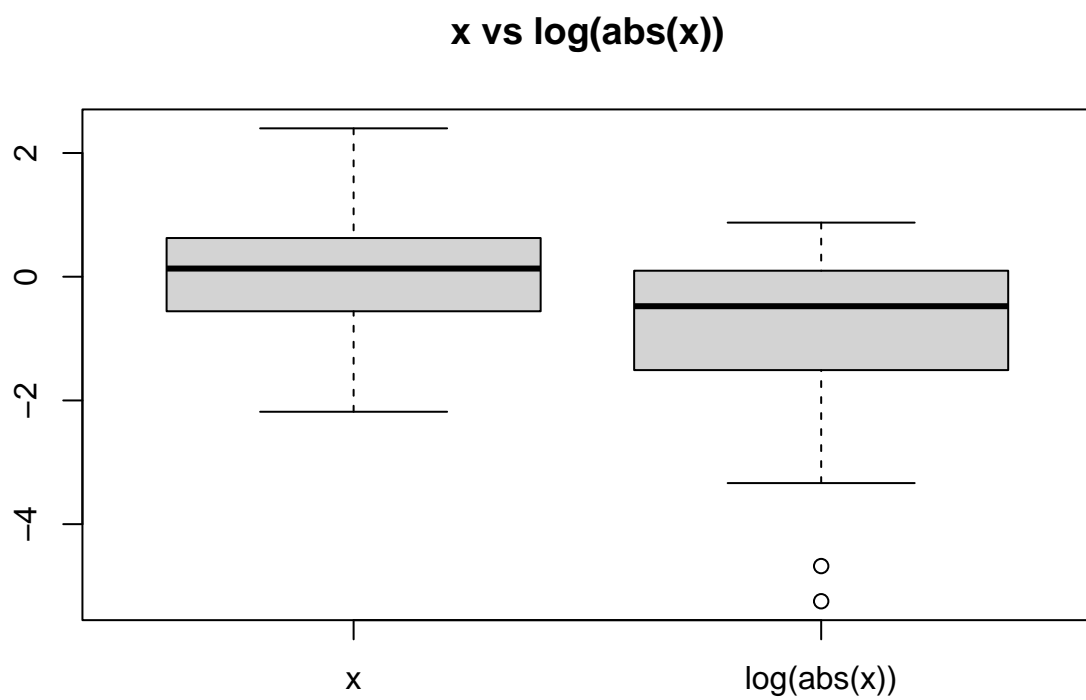
3

```
evir::emplot(rexp(100, 2))
```



4

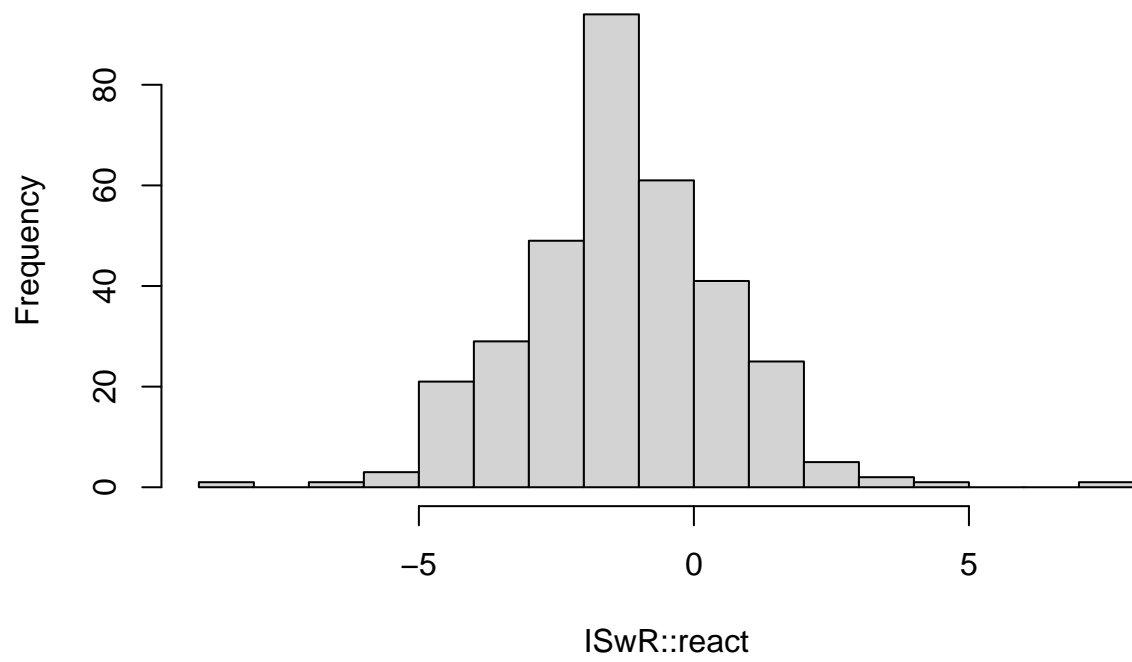
```
x <- rnorm(50)
boxplot(x, log(abs(x)), main = "x vs log(abs(x))",
        names = c("x", "log(abs(x))"))
```



5 a

```
hist(ISwR::react, breaks = 18)
```

Histogram of ISwR::react



5 b

```
MASS::truehist(ISwR::react)
```

