```
R Console
                                                                      2
    80
    51
    49
  39
14 33
15 55
16 45
17 35
18 25
> chisq.test(diabetesl)
        Pearson's Chi-squared test
data: diabetesl
X-squared = 19.943, df = 18, p-value = 0.3361
Warning message:
In chisq.test(diabetesl) : Chi-squared approximation may be incorrect
```

Normalization:

1) Min Max normalization

```
> A<-c(diabetesl$age)
> mean<-mean(A)
> minimum<-min(diabetesl$age)
> maximum<-max(diabetesl$age)
> minmax<-(A-minimum)/(maximum-minimum)
> minmax
[1] 0.2727273 0.5636364 0.8181818 0.6363636 0.5818182 1.0000000 0.4727273
[8] 0.5090909 0.4363636 0.2545455 0.5818182 0.6000000 0.8000000 0.1454545
[15] 0.5454545 0.3636364 0.1818182 0.0000000 0.80000000
>
```

2)Z Score normalization

```
> Ac-c(diabetes1$age)
> meanc-mean(A)
> stoice(-[A-mean]/std
> stoice
Error: object 'score' not found
> stoice
[1] -0.59639817 0.23432815 1,22371368 0.51700973 0.3049855 1.93041763 -0.11902382 0.02231697 -0.26036461 -0.96706856 0.30498655 0.37566894 1.15304329 -1.39109093 0.16365776
[16] -0.54304619 -1.24975014 -1.55645410 1.15304329
>
```

3) Decimal Scaling normalization

```
> decimal scaling (A/100)
> decimal scaling
[1] 0.40 0.56 0.70 0.60 0.51 0.60 0.51 0.53 0.44 0.39 0.57 0.58 0.69 0.33 0.55 0.45 0.35 0.25 0.69
>
```