

```
# SMART PHONE
prob = c(0.4,0.15,0.45)
frequency = c(41,13,43)
chisq.test(frequency,p=prob)
alpha = 0.05
t = qchisq(alpha,df=2)
t
#----OUTPUT
prob = c(0.4,0.15,0.45)
frequency = c(41,13,43)
chisq.test(frequency,p=prob)
```

Chi-squared test for given probabilities

```
data: frequency
X-squared = 0.29954, df = 2, p-value = 0.8609
```

```
> alpha = 0.05
> t = qchisq(alpha,df=2)
> t
[1] 0.1025866
```

```
#TV
prob = c(0.5,0.3,0.2)
frequency = c(45,30,22)
chisq.test(frequency,p=prob)
alpha = 0.05
t = qchisq(alpha,df=2)
t
#-----OUTPUT
prob = c(0.5,0.3,0.2)
> frequency = c(45,30,22)
> chisq.test(frequency,p=prob)
```

Chi-squared test for given probabilities

```
data: frequency
X-squared = 0.62887, df = 2, p-value = 0.7302
```

```
> alpha = 0.05
> t = qchisq(alpha,df=2)
> t
[1] 0.1025866
```

```
#DATAPLAN
prob = c(0.36,0.55,0.09)
frequency = c(35,53,9)
chisq.test(frequency,p=prob)
alpha = 0.05
t = qchisq(alpha,df=2)
t
#-----OUTPUT
> prob = c(0.36,0.55,0.09)
> frequency = c(35,53,9)
```

```

> chisq.test(frequency,p=prob)

Chi-squared test for given probabilities

data:  frequency
X-squared = 0.01083, df = 2, p-value = 0.9946

> alpha = 0.05
> t = qchisq(alpha,df=2)
> t
[1] 0.1025866

```

```

#MAGAZINE
prob = c(0.36,0.48,0.16)
frequency = c(35,47,15)
chisq.test(frequency,p=prob)
alpha = 0.05
t = qchisq(alpha,df=2)
t
#-----OUTPUT
> prob = c(0.36,0.48,0.16)
> frequency = c(35,47,15)
> chisq.test(frequency,p=prob)

```

Pearson's Chi-squared test

```

data:  frequency and p - prob
X-squared = 6, df = 4, p-value = 0.1991

Warning message:
In chisq.test(frequency, p - prob) :
  Chi-squared approximation may be incorrect
> alpha = 0.05
> t = qchisq(alpha,df=2)
> t
[1] 0.1025866

```