02441 Applied Statistics and Statistical Software

Exercise 4A - Caffeine

In a study the caffeine consumption by marital status among women giving birth was investigated. The results are given in the table below

Martial-status/ Caffeine	0	1-150	151-300	> 300
Married	652	1537	598	242
Prev. Married	36	46	38	21
Single	218	327	106	67

1. Type the data into R so that appropriate analysis can be carried out

```
# Code here
```

2. Determine whether Caffeine consumption and Marital status are independent

```
# Code here
```

3. If there is dependence between Caffeine consumption and Marital status, what is the conclusion?

```
# COde here
```