Case: Caffeine

Story

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

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

Exercise

1. Type the data into S-plus so that appropriate analysis can be carried out

2. Determine whether Caffeine consumption and Marital status are independent

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

Hints