

Solutions

Each answer shows the steps, then the **result**.

2.1

- homogeneity compares one variable's distribution across several groups; independence tests whether two variables are associated in one population

2.2

- $(r - 1)(c - 1)$

2.3

- $(3 - 1)(4 - 1) = 2 \times 3 = 6$

3.1 B

3.2 B

3.3

(a)

- $(2 - 1)(3 - 1) = 2$

(b)

- a test of homogeneity