

Solutions

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

2.1

- compare the conditional distributions across the categories of one variable

2.2

- their conditional distributions are roughly the same

2.3

- yes — the proportions differ noticeably

3.1 B

3.2 B

3.3

(a)

- $30\% - 5\% = 25$ percentage points

(b)

- yes, there is an association

(c)

- an association does not prove that one variable causes the other