

Solutions

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

2.1

- reject H_0 if the p-value $< \alpha$; otherwise fail to reject H_0

2.2

- reject H_0 ($0.03 < 0.05$)

2.3

- there is not enough evidence to reject H_0

3.1 A

3.2 B

3.3

(a)

- reject H_0

(b)

- yes

(c)

- there is convincing evidence that $p \neq 0.5$