

Solutions

For each of the following Test Statistics and Critical Regions, choose if we should ACCEPT or REJECT H_0 .

Test Statistic = 16.5

Critical Value = 14

☒ ACCEPT H_0

☐ REJECT H_0

Test Statistic = 10.5

Critical Value = 11

☐ ACCEPT H_0

☒ REJECT H_0

Test Statistic = 18

Critical Value = 17

☒ ACCEPT H_0

☐ REJECT H_0

Test Statistic = 5

Critical Value = 21

☐ ACCEPT H_0

☒ REJECT H_0

Test Statistic = 3

Critical Value = 4

☐ ACCEPT H_0

☒ REJECT H_0

Test Statistic = 7.5

Critical Value = 2

☒ ACCEPT H_0

☐ REJECT H_0

Test Statistic = 13.5

Critical Value = 8

☒ ACCEPT H_0

☐ REJECT H_0

Test Statistic = 10

Critical Value = 10

☐ ACCEPT H_0

☒ REJECT H_0