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Assessment Questions

Answer the following questions to verify your knowledge of the topics taught in this module. Your answers contribute to your grade for the course. You must achieve an overall grade of 70% to pass this course.

You are permitted only **one** attempt at each question, so think carefully before answering.

To protect the integrity of the assessment, the correct answers are not provided.

If anything is unclear, feel free to post a question in the discussion forum; but do **not** post answers (or information that makes the correct answer easy to guess). In the event of a dispute, the decision of the course staff is final.

Assessment 4.1

3.0/3.0 points (graded)

You have measured the height of a sample of 27 individuals as follows:

172

174

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What is the *mean* height? (tolerance=0.1)



What is the *median* height?



What is the *mode* height?

175



175

Submit

You have used 1 of 1 attempt

Assessment 4.2

0/1 point (graded)

The distribution of the heights in the previous question is:

☐ Normal☐ Left skewed☒ Right skewed☐ Uniform

Submit

You have used 1 of 1 attempt

Assessment 4.3

1/1 point (graded)

You have measured the weight of a sample of 27 individuals as follows:

184

180

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What is the *standard deviation* of the weight distribution?

1.1547005383793



1.1547005383793

Submit

You have used 1 of 1 attempt

Assessment 4.4

1/1 point (graded)

The distribution of the weights in the previous question is:

☒ Normal

☐ Left skewed

☐ Right skewed

☐ Uniform



Submit

You have used 1 of 1 attempt

Assessment 4.5

0/1 point (graded)

Ten percent of the global population is left-handed.

You conduct a survey in which you stop three people at random.

What is the probability that two of the people you stop are left-handed, and the other is not?

0.009



0.009

Submit

You have used 1 of 1 attempt

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