

MTH375: Mathematical Statistics - Homework #X

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March 20, 2022

Key Concepts: .

1.

(a) .

Solution:

Intro.

• .

Conclusion.

(b) .

Solution:

Intro.

• .

Conclusion.

(c) .

Solution:

Intro.

• .

Conclusion.

(d) .

Solution:

Intro.

• .

Conclusion.

2.

(a) .

Solution:

Intro.

• .

Conclusion.

(b) .

Solution:

Intro.

• .

Conclusion.

(c) .

Solution:

Intro.

• .

Conclusion.

(d) .

Solution:

Intro.

• .

Conclusion.

3.

(a) .

Solution:

Intro.

• .

Conclusion.

(b) .

Solution:

Intro.

• .

Conclusion.

(c) .

Solution:

Intro.

• .

Conclusion.

(d) .

Solution:

Intro.

• .

Conclusion.

4. .

(a) .

Solution:

Intro.

• .

Conclusion.

(b) .

Solution:

Intro.

• .

Conclusion.

(c) .

Solution:

Intro.

• .

Conclusion.

(d) .

Solution:

Intro.

• .

Conclusion.

5. .

(a) .

Solution:

Intro.

• .

Conclusion.

(b) .

Solution:

Intro.

• .

Conclusion.

(c) .

Solution:

Intro.

• .

Conclusion.

(d) .

Solution:

Intro.

• .

Conclusion.