Bias

KEY CONCEPTS

INTRODUCTION AND PURPOSE

Describe what BIAS means for the purpose of these modules

Detect POTENTIAL BIAS in assessment items
Bias

Bias

d when an assessment provides an advantage or disadvantage to groups of students because of their personal characteristics, such as race, gender, socioeconomic status or religion

Bias

We detect bias at the group level, not the individual level.

- Reading Comprehension
- Familiarity with Sailing
- Socioeconomic Status

How to Detect Bias
Which of the following measures could be the length of a typical hole in a golf course?

a. 300 inches  
b. 300 feet  
c. 300 yards  
d. 300 miles

Choose the conjunction that completes the sentence.

Quarterbacks are often sacked during games _______ they do not have a good offensive line.

a. even though  
b. although  
c. in spite of  
d. because
Bias

KEY CONCEPTS

Choose the conjunction that completes the sentence.

Quarterbacks are often sacked during games _______ they do not have a good offensive line.

a. even though  
b. although  
c. in spite of  
d. because

KEY CONCEPTS

Choose the conjunction that completes the sentence.

Football quarterbacks, who line up directly behind the offensive line, are often tackled during games _______ they do not have a good offensive line.

a. even though  
b. although  
c. in spite of  
d. because

KEY CONCEPTS

Choose the one answer that best solves the problem.

If one card is taken at random from a deck of playing cards, what is the probability that the card will be an ace?

a. 8 percent  
b. 50 percent  
c. 25 percent  
d. 10 percent

Source: New Jersey Department of Education. SGO 2.0 — From Compliance to Quality. (2014).
Choose the one answer that best solves the problem.

If one card is taken at random from a deck of playing cards, what is the probability that the card will be an ace?

a. 8 percent  
b. 50 percent  
c. 25 percent  
d. 10 percent

We detect bias at the group level, not the individual level.
Mr. Torres sold a total of 30 boxes of sports cards at his store on Monday. These boxes contained only baseball cards and football cards.

Each box contained 25 sports cards. He earned $3 for each sports card he sold. He earned a total of $1,134 from the football cards he sold.

What amount of money did Mr. Torres earn from the baseball cards he sold? In the space below, use pictures, numbers and/or words to show how you got your answer.
Bias

CHECK FOR UNDERSTANDING

Describe what BIAS means for the purpose of these modules

Detect POTENTIAL BIAS in assessment items

CHECK FOR UNDERSTANDING

Assessment Item
1. Which of the following is most likely an example of bias in an assessment item?
   a. An assessment item that is too rigorous for some students
   b. An assessment item that assumes knowledge of religious traditions
   c. An assessment item that includes typos and grammatical mistakes
   d. A social studies assessment item with a political cartoon

CHECK FOR UNDERSTANDING
Bias