

# NCE Ch 09

# Research and Program Evaluation

Author: Anh Dao

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## 4. Chapter: NCE Ch 09 Research and Program Evaluation

### 1. NCE Ch 09 Research and Program Evaluation Questions

#### 4.1.1. The most valuable type of research is

Author: Anh Dao

The most valuable type of research is

Please choose only one answer:

- always conducted using a factor analysis.
- conducted using the chi-square
- the experiment, used to discover cause-and-effect relationships.
- the quasi-experiment.

Check the answer of this question online at QuizOver.com:

Question: [The most valuable type of research is Anh Dao NCE: and Program Quest](#)

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<http://www.quizover.com/flashcards/question-the-most-valuable-type-of-research-is-anh-dao-nce-and-program?pdf=1505>

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#### 4.1.2. Experiments emphasize parsimony, which means

Author: Anh Dao

Experiments emphasize parsimony, which means

Please choose only one answer:

- interpreting the results in the simplest way
- interpreting the results in the most complex manner.
- interpreting the results using a correlation coefficient
- interpreting the results using a clinical interview.

Check the answer of this question online at QuizOver.com:

Question: [Experiments emphasize parsimony which means Anh Dao NCE: Research](#)

Flashcards:

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### 4.1.3. Occam's Razor suggests that experimenters

Author: Anh Dao

Occam's Razor suggests that experimenters

Please choose only one answer:

- interpret the results in the simplest manner
- interpret the results in the most complex manner
- interpret the results using a correlation coefficient.
- interpret the results using a clinical interview

Check the answer of this question online at QuizOver.com:

Question: [Occam's Razor suggests that experimenters Anh Dao NCE: Research Quest](#)

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4.1.4. A counselor educator is running an experiment to test a new form o...

Author: Anh Dao

A counselor educator is running an experiment to test a new form of counseling. Unbeknownst to the experimenter one of the clients in the study is secretly seeing a gestalt therapist. This experiment

Please choose only one answer:

- is parsimonious
- is an example of Occam's Razor
- is confounded/fl awed.
- is valid and will most likely help the fi eld of counseling

Check the answer of this question online at QuizOver.com:

Question: [A counselor educator is running an experiment to Anh Dao NCE: Quest](#)

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#### 4.1.5. Nondirective is to person-centered as

Author: Anh Dao

Nondirective is to person-centered as

Please choose only one answer:

- psychological testing is to counseling
- confounding is to experimenting.
- appraisal is to research.
- parsimony is to Occam's Razor

Check the answer of this question online at QuizOver.com:

Question: [Nondirective is to person-centered as Anh Dao NCE: Research and Quest](#)

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#### 4.1.6. An experiment is said to be confounded when

Author: Anh Dao

An experiment is said to be confounded when

Please choose only one answer:

- undesirable variables are not kept out of the experiment
- undesirable variables are kept out of the experiment
- basic research is used in place of applied research
- the sample is random

Check the answer of this question online at QuizOver.com:

Question: [An experiment is said to be confounded when Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-experiment-is-said-to-be-confounded-when-anh-dao-nce-resea?pdf=1505>

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4.1.7. In experimental terminology IV stands for \_\_\_\_\_ and DV stands fo...

Author: Anh Dao

In experimental terminology IV stands for \_\_\_\_\_ and DV stands for \_\_\_\_\_.

Please choose only one answer:

- independent variable; dependent variable
- dependent variable; independent variable.
- individual variable; dependent variable
- independent variable; designer variable

Check the answer of this question online at QuizOver.com:

Question: [In experimental terminology IV stands for and DV Anh Dao NCE: Quest](#)

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4.1.8. A professor of counselor education hypothesized that biofeedback training could reduce anxiety and improve the average score on written board exams. If this professor decides to conduct a formal experiment the IV will be the \_\_\_\_\_, and the DV will be the \_\_\_\_\_.

Author: Anh Dao

A professor of counselor education hypothesized that biofeedback training could reduce anxiety and improve the average score on written board exams. If this professor decides to conduct a formal experiment the IV will be the \_\_\_\_\_, and the DV will be the \_\_\_\_\_.

Please choose only one answer:

- professor; anxiety level
- anxiety level; board exam score.
- biofeedback; board exam score.
- board exam score; biofeedback.

Check the answer of this question online at QuizOver.com:

Question: [A professor of counselor education hypothesized Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-professor-of-counselor-education-hypothesized-anh-dao-nce?pdf=1505>

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#### 4.1.9. Experimenters should always abide by a code of ethics. The variable...

Author: Anh Dao

Experimenters should always abide by a code of ethics. The variable

you manipulate/control in an experiment is the

Please choose only one answer:

- DV
- dependent variable
- the variable you will measure to determine the outcome.
- IV or independent variable.

Check the answer of this question online at QuizOver.com:

Question: [Experimenters should always abide by a code of Anh Dao NCE: Research](#)

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4.1.10. In order for the professor of counselor education (see question 70...

Author: Anh Dao

In order for the professor of counselor education (see question 708) to conduct an experiment regarding his hypothesis he will need a(n) \_\_\_\_\_ and a(n) \_\_\_\_\_.

Please choose only one answer:

- biofeedback group; systematic desensitization group.
- control group; systematic desensitization group.
- control group; experimental group
- at least 60 subjects in the control group; at least 60 subjects in the experimental group

Check the answer of this question online at QuizOver.com:

Question: [In order for the professor of counselor education Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-order-for-the-professor-of-counselor-education-anh-nce-res?pdf=1505>

Interactive Question:

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4.1.11. In order for the professor of counselor education to conduct the e...

Author: Anh Dao

In order for the professor of counselor education to conduct the experiment suggested in question 708 the experimental group would need to receive

Please choose only one answer:

- the manipulated IV
- the biofeedback training
- a and b
- the organismic IV

Check the answer of this question online at QuizOver.com:

Question: [In order for the professor of counselor education Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-order-for-the-professor-of-counselor-education-anh-3964628?pdf=1505>

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#### 4.1.12. Hypothesis testing is most closely related to the work of

Author: Anh Dao

Hypothesis testing is most closely related to the work of

Please choose only one answer:

- Hoppock.
- Freud.
- Lloyd Morgan.
- R. A. Fisher.

Check the answer of this question online at QuizOver.com:

Question: [Hypothesis testing is most closely related to Anh Dao NCE: Research](#)

Flashcards:

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#### 4.1.13. The null hypothesis suggests that there will not be a significant

...

Author: Anh Dao

The null hypothesis suggests that there will not be a significant

difference between the experimental group which received the

IV and the control group which did not. Thus, if the experiment

in question 708 was conducted, the null hypothesis would suggest

that

Please choose only one answer:

- all students receiving biofeedback training would score equally well on the board exam.
- systematic desensitization might work better than biofeedback
- biofeedback will not improve the board exam scores.
- meta-analysis is required

Check the answer of this question online at QuizOver.com:

Question: [The null hypothesis suggests that there will not Anh Dao NCE: Quest](#)

Flashcards:

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#### 4.1.14. The hunch is known as the experimental or alternative hypothesis.

...

Author: Anh Dao

The hunch is known as the experimental or alternative hypothesis.

The experimental hypothesis suggests that a difference will

be evident between the control group and the experimental

group (i.e., the group receiving the IV). Thus, if the experiment in question 708 were conducted, the experimental hypothesis

would suggest that

Please choose only one answer:

- the biofeedback would raise board scores
- the control group will score better on the board exam
- there will be no difference between the experimental and the control groups
- the experiment has been confounded

Check the answer of this question online at QuizOver.com:

Question: [The hunch is known as the experimental or Anh Dao NCE: Research Quest](#)

Flashcards:

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#### 4.1.15. From a purely statistical standpoint, in order to compare a control...

Author: Anh Dao

From a purely statistical standpoint, in order to compare a control

group (which does not receive the IV or experimental manipulation)

to the experimental group the researcher will need

Please choose only one answer:

- a correlation coefficient
- only descriptive statistics.
- percentile rank
- a test of significance.

Check the answer of this question online at QuizOver.com:

Question: [From a purely statistical standpoint in order to Anh Dao NCE: Quest](#)

Flashcards:

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#### 4.1.16. When you see the letter P in relation to a test of significance it...

Author: Anh Dao

When you see the letter P in relation to a test of significance it

means

Please choose only one answer:

- portion
- population parameter
- probability
- the researcher is using an ethnographic qualitative approach

Check the answer of this question online at QuizOver.com:

Question: [When you see the letter P in relation to a test Anh Dao NCE:](#)

Flashcards:

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#### 4.1.17. In the social sciences the accepted probability level is usually

Author: Anh Dao

In the social sciences the accepted probability level is usually

Please choose only one answer:

- .05 or less
- 1.0 or higher.
- 0001 or less.
- 5.0.

Check the answer of this question online at QuizOver.com:

Question: [In the social sciences the accepted probability Anh Dao NCE:](#)

Flashcards:

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#### 4.1.18. $P = .05$ really means that

Author: Anh Dao

$P = .05$  really means that

Please choose only one answer:

- five subjects were not included in the study.
- there is only a 5% chance that the difference between the control group and the experimental groups is due to chance factors.
- the level of significance is .01
- no level of significance has been set.

Check the answer of this question online at QuizOver.com:

Question: [P .05 really means that Anh Dao NCE: Research and Program Evaluat](#)

Flashcards:

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#### 4.1.19. $P = .05$ really means that

Author: Anh Dao

$P = .05$  really means that

Please choose only one answer:

- differences truly exist; the experimenter will obtain the same results 95 out of 100 times.
- differences truly exist; the experimenter will obtain the same results 99 out of 100 times
- there is a 95% error factor
- there is a 10% error factor

Check the answer of this question online at QuizOver.com:

Question: [P .05 really means that Anh Dao NCE: Research and Program Evaluat](#)

Flashcards:

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4.1.20. The study that would best rule out chance factors would have a sig...

Author: Anh Dao

The study that would best rule out chance factors would have a significance level of  $P =$

Please choose only one answer:

- .05.
- .01
- .001.
- .08.

Check the answer of this question online at QuizOver.com:

Question: [The study that would best rule out chance factors Anh NCE: Research](#)

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4.1.21. Type I and Type II errors are called \_\_\_\_\_ and \_\_\_\_\_ respectively

Author: Anh Dao

Type I and Type II errors are called \_\_\_\_\_ and \_\_\_\_\_ respectively

Please choose only one answer:

- beta; alpha
- .01; .05.
- a and b.
- alpha; beta.

Check the answer of this question online at QuizOver.com:

Question: [Type I and Type II errors are called and Anh Dao NCE: Research Quest](#)

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#### 4.1.22. A Type I error occurs when

Author: Anh Dao

A Type I error occurs when

Please choose only one answer:

- you have a beta error
- you accept null when it is false.
- you reject null when it is true
- you fail to use a test of significance.

Check the answer of this question online at QuizOver.com:

Question: [A Type I error occurs when Anh Dao NCE: Research and Program Evaluat](#)

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### 4.1.23. A Type II error

Author: Anh Dao

A Type II error

Please choose only one answer:

- is also called a beta error
- means you reject null when it is applicable
- means you accept null when it is false.
- a and c.

Check the answer of this question online at QuizOver.com:

Question: [A Type II error Anh Dao NCE: Research and Program Evaluat Quest](#)

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4.1.24. Assume the experiment in question 708 is conducted. The results in...

Author: Anh Dao

Assume the experiment in question 708 is conducted. The results

indicate that the biofeedback helped raise written board

exam scores but in reality this is not the case. The researcher has

made a

Please choose only one answer:

- Type I error
- Type II error
- beta error
- b and c

Check the answer of this question online at QuizOver.com:

Question: [Assume the experiment in question 708 is conducted Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/assume-the-experiment-in-question-708-is-conducted-anh-nce-research?pdf=1505>

Interactive Question:

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4.1.25. A counselor educator decides to increase the sample size in her ex...

Author: Anh Dao

A counselor educator decides to increase the sample size in her experiment. This will

Please choose only one answer:

- confound the experiment in nearly every case
- raise the probability of Type I and Type II errors
- have virtually no impact on Type I and Type II errors
- reduce Type I and Type II errors.

Check the answer of this question online at QuizOver.com:

Question: [A counselor educator decides to increase the Anh Dao NCE: Research](#)

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4.1.26. If a researcher changes the significance level from .05 to .001, then

Author: Anh Dao

If a researcher changes the significance level from .05 to .001, then

Please choose only one answer:

- alpha and beta errors will increase
- alpha errors increase but beta errors decrease.
- alpha errors decrease; however, beta errors increase
- This will have no impact on Type I and Type II errors.

Check the answer of this question online at QuizOver.com:

Question: [If a researcher changes the significance level Anh Dao NCE:](#)

Flashcards:

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#### 4.1.27. A counselor believes that clients who receive assertiveness trainin...

Author: Anh Dao

A counselor believes that clients who receive assertiveness training

will ask more questions in counseling classes. An experimental

group receives assertiveness training while a control group

does not. In order to test for significant differences between the

groups the counselor should utilize

Please choose only one answer:

- the student's t test.
- a correlation coefficient.
- a survey.
- an analysis of variance or ANOVA

Check the answer of this question online at QuizOver.com:

Question: [A counselor believes that clients who receive Anh Dao NCE: Research](#)

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4.1.28. The researcher in question 727 now attempts a more complex experiment...

Author: Anh Dao

The researcher in question 727 now attempts a more complex experiment. One group receives no assertiveness training, a second group receives four assertiveness training sessions, and a third receives six sessions. The statistic of choice would

Please choose only one answer:

- be the mean
- be the t test
- be the two-way ANOVA
- be the ANOVA

Check the answer of this question online at QuizOver.com:

Question: [The researcher in question 727 now attempts a Anh Dao NCE: Research](#)

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4.1.29. If the researcher in the previous question utilized two IVs then t...

Author: Anh Dao

If the researcher in the previous question utilized two IVs then

the statistic of choice would be

Please choose only one answer:

- the median.
- the t test.
- the two-way ANOVA or MANOVA.
- the ANOVA

Check the answer of this question online at QuizOver.com:

Question: [If the researcher in the previous question utilized Anh NCE:](#)

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4.1.30. To complete a t test you would consult a tabled value of t. In order...

Author: Anh Dao

To complete a t test you would consult a tabled value of t. In

order to see if significant differences exist in an ANOVA you

would

Please choose only one answer:

- consult the mode
- consult a table for t values
- consult a table for F values.
- compute the chi-square.

Check the answer of this question online at QuizOver.com:

Question: [To complete a t test you would consult a tabled Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-to-complete-a-t-test-you-would-consult-a-tabled-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-to-complete-a-t-test-you-would-consult-a-tabled-anh-dao-nce?pdf=1505>

#### 4.1.31. Which level of significance would best rule out chance factors?

Author: Anh Dao

Which level of significance would best rule out chance factors?

Please choose only one answer:

- .05
- .01
- .2
- .001

Check the answer of this question online at QuizOver.com:

Question: [Which level of significance would best rule out Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-level-of-signifi-cance-would-best-rule-out-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-level-of-signifi-cance-would-best-rule-out-anh-dao-nce-?pdf=1505>

#### 4.1.32. When a researcher uses correlation, then there is no direct manipul...

Author: Anh Dao

When a researcher uses correlation, then there is no direct manipulation

of the IV. A researcher might ask, for example, how

IQ correlates with the incidence of panic disorder. Again, nothing

is manipulated; just measured. In cases such as this a correlation

coefficient will reveal

Please choose only one answer:

- the relationship between IQ and panic disorder
- the probability that a significant difference exists.
- an F test.
- percentile rank.

Check the answer of this question online at QuizOver.com:

Question: [When a researcher uses correlation then there is Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-when-a-researcher-uses-correlation-then-there-is-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-when-a-researcher-uses-correlation-then-there-is-anh-dao-nce-?pdf=1505>

#### 4.1.33. If data indicate that students who study a lot get very high scores...

Author: Anh Dao

If data indicate that students who study a lot get very high scores

on state counselor licensing exams, then the correlation between

study time and LPC exam scores would be

Please choose only one answer:

- positive.
- negative.
- 0.00.
- impossible to ascertain.

Check the answer of this question online at QuizOver.com:

Question: [If data indicate that students who study a lot Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-if-data-indicate-that-students-who-study-a-lot-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-if-data-indicate-that-students-who-study-a-lot-anh-dao-nce-re?pdf=1505>

#### 4.1.34. Which of the following would most likely yield a perfect correlatio...

Author: Anh Dao

Which of the following would most likely yield a perfect correlation

of 1.00?

Please choose only one answer:

- IQ and salary
- ICD diagnosis and salary
- length in inches and length in centimeters.
- height and weight.

Check the answer of this question online at QuizOver.com:

Question: [Which of the following would most likely yield Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-would-most-likely-yield-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-would-most-likely-yield-anh-dao-nce-re?pdf=1505>

4.1.35. A good guess would be that if you would correlate the length of CA...

Author: Anh Dao

A good guess would be that if you would correlate the length of

CACREP graduates' baby toes with their NCE scores the result

would

Please choose only one answer:

- be close to 0.00
- be close to a perfect 1.00.
- be close to a perfect negative correlation of  $-1.00$ .
- be about  $+0.70$ .

Check the answer of this question online at QuizOver.com:

Question: [A good guess would be that if you would correlate Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-good-guess-would-be-that-if-you-would-correlate-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-good-guess-would-be-that-if-you-would-correlate-anh-nce-res?pdf=1505>

4.1.36. Dr. X discovered that the correlation between therapists who hold ...

Author: Anh Dao

Dr. X discovered that the correlation between therapists who hold NCC status and therapists who practice systematic desensitization is .90. A student who perused Dr. X's research told his fellow students that Dr. X had discovered that attaining NCC status causes therapists to become behaviorally oriented. The student is incorrect because

Please choose only one answer:

- systematic desensitization is clearly not a behavioral strategy
- this can only be determined via a histogram
- the study suffers from longitudinal and maturational effects
- correlation does not imply causal

Check the answer of this question online at QuizOver.com:

Question: [Dr. X discovered that the correlation between Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-dr-x-discovered-that-the-correlation-between-anh-dao-nce-rese?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-dr-x-discovered-that-the-correlation-between-anh-dao-nce-rese?pdf=1505>

#### 4.1.37. Behaviorists often utilize N=1, which is called intensive experimen...

Author: Anh Dao

Behaviorists often utilize N=1, which is called intensive experimental

design. The first step in this approach would be to

Please choose only one answer:

- consult a random number table
- decide on a nonparametric statistical test.
- take a baseline measure.
- compute the range.

Check the answer of this question online at QuizOver.com:

Question: [Behaviorists often utilize N 1 which is called Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-behaviorists-often-utilize-n-1-which-is-called-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-behaviorists-often-utilize-n-1-which-is-called-anh-dao-nce-re?pdf=1505>



4.1.38. . In a new study the clients do not know whether they are receiving...

Author: Anh Dao

. In a new study the clients do not know whether they are receiving

an experimental treatment for depression or whether they

are simply part of the control group. This is, nevertheless, known

to the researcher. Thus, this is a

Please choose only one answer:

- double-blind study
- single-blind study
- baseline for an intensive N=1 design
- participant observer model.

Check the answer of this question online at QuizOver.com:

Question: [. In a new study the clients do not know whether Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-new-study-the-clients-do-not-know-whether-anh-dao-nce-qu?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-new-study-the-clients-do-not-know-whether-anh-dao-nce-qu?pdf=1505>

4.1.39. A large study at a major university gave an experimental group of ...

Author: Anh Dao

A large study at a major university gave an experimental group of clients a new type of therapy that was intended to ameliorate test anxiety. The control group did not receive the new therapy. Neither the clients nor the researchers knew which students received the new treatment. This was a

Please choose only one answer:

- double-blind study
- single-blind study.
- typical AB design
- case of correlational research.

Check the answer of this question online at QuizOver.com:

Question: [A large study at a major university gave an Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-large-study-at-a-major-university-gave-an-anh-dao-nce-resea?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-large-study-at-a-major-university-gave-an-anh-dao-nce-resea?pdf=1505>

#### 4.1.40. Experimental is to cause and effect as correlational is to

Author: Anh Dao

Experimental is to cause and effect as correlational is to

Please choose only one answer:

- blind study
- double-blind study.
- N = 1 design.
- degree of relationship.

Check the answer of this question online at QuizOver.com:

Question: [Experimental is to cause and effect as correlational Anh NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-experimental-is-to-cause-and-effect-as-correlational-anh-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-experimental-is-to-cause-and-effect-as-correlational-anh-nce-?pdf=1505>

4.1.41. In a normal curve the mean, the median, and the mode all fall  
prec...

Author: Anh Dao

In a normal curve the mean, the median, and the mode all fall

precisely in the middle of the curve. From a graphical standpoint

the so-called normal or Gaussian curve (named after the

astronomer/mathematician K. F. Gauss) looks like

Please choose only one answer:

- a symmetrical bell.
- the top half of a bowling ball.
- the top half of a hot dog.
- a mountain which is leaning toward the left.

Check the answer of this question online at QuizOver.com:

Question: [In a normal curve the mean the median and the Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-normal-curve-the-mean-the-median-and-the-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-normal-curve-the-mean-the-median-and-the-anh-dao-nce-res?pdf=1505>

4.1.42. The most common measures of central tendency are the mean, the med...

Author: Anh Dao

The most common measures of central tendency are the mean, the median, and the mode. The mode is

Please choose only one answer:

- the most frequently occurring score and the least important measure of central tendency
- always 10% less than the mean.
- the arithmetic average
- the middle score in the distribution of scores.

Check the answer of this question online at QuizOver.com:

Question: [The most common measures of central tendency are Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-most-common-measures-of-central-tendency-are-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-most-common-measures-of-central-tendency-are-anh-dao-nce-?pdf=1505>

#### 4.1.43. A bimodal distribution has two modes (i.e., most frequently occurri...

Author: Anh Dao

A bimodal distribution has two modes (i.e., most frequently occurring

scores). Graphically, this looks roughly like

Please choose only one answer:

- a symmetrical bell-shaped curve
- a camel's back with two humps.
- the top half of a bowling ball.
- a mountain which is leaning toward the left.

Check the answer of this question online at QuizOver.com:

Question: [A bimodal distribution has two modes i.e. most Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-bimodal-distribution-has-two-modes-i-e-most-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-bimodal-distribution-has-two-modes-i-e-most-anh-dao-nce-res?pdf=1505>

#### 4.1.44. In a basic curve or so-called frequency polygon the point of maximu...

Author: Anh Dao

In a basic curve or so-called frequency polygon the point of maximum

concentration is the

Please choose only one answer:

- mean.
- median.
- mode
- range

Check the answer of this question online at QuizOver.com:

Question: [In a basic curve or so-called frequency polygon Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-basic-curve-or-so-called-frequency-polygon-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-basic-curve-or-so-called-frequency-polygon-anh-dao-nce?pdf=1505>

#### 4.1.45. The most useful measure of central tendency is the

Author: Anh Dao

The most useful measure of central tendency is the

Please choose only one answer:

- mean often abbreviated by an  $\bar{X}$  with a bar over it.
- median often abbreviated by Md. or Mdn
- mode often abbreviated by Mo.
- point of maximum concentration.

Check the answer of this question online at QuizOver.com:

Question: [The most useful measure of central tendency is Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-most-useful-measure-of-central-tendency-is-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-most-useful-measure-of-central-tendency-is-anh-dao-nce-re?pdf=1505>



4.1.46. In a career counseling session an electrical engineer mentions thr...

Author: Anh Dao

In a career counseling session an electrical engineer mentions

three jobs he has held. The first paid \$10 per hour, the second

paid \$30 per hour, and the third paid a higher rate of \$50 per

hour. The counselor responds that the client is averaging \$30 per

hour. The counselor is using

Please choose only one answer:

- a Pearson product-moment correlation coefficient
- a factorial design
- the harmonic mean.
- the mean.

Check the answer of this question online at QuizOver.com:

Question: [In a career counseling session an electrical Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-career-counseling-session-an-electrical-anh-dao-nce-rese?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-career-counseling-session-an-electrical-anh-dao-nce-rese?pdf=1505>

4.1.47. From a mathematical standpoint, the mean is merely the sum of the ...

Author: Anh Dao

From a mathematical standpoint, the mean is merely the sum

of the scores divided by the number of scores. The mean is misleading

when

Please choose only one answer:

- the distribution is skewed.
- the distribution has no extreme scores
- there are extreme scores.
- a and c

Check the answer of this question online at QuizOver.com:

Question: [From a mathematical standpoint the mean is merely Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-from-a-mathematical-standpoint-the-mean-is-merely-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-from-a-mathematical-standpoint-the-mean-is-merely-anh-nce-res?pdf=1505>

#### 4.1.48. When a distribution of scores is not distributed normally statistic...

Author: Anh Dao

When a distribution of scores is not distributed normally statisticians

call it

Please choose only one answer:

- Gauss's curve
- a symmetrical bell-shaped curve.
- a skewed distribution
- an invalid distribution.

Check the answer of this question online at QuizOver.com:

Question: [When a distribution of scores is not distributed Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-when-a-distribution-of-scores-is-not-distributed-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-when-a-distribution-of-scores-is-not-distributed-anh-dao-nce-?pdf=1505>

#### 4.1.49. The median is

Author: Anh Dao

The median is

Please choose only one answer:

- the middle score when the data are arranged from highest to lowest.
- the arithmetic average
- the most frequent value obtained
- never more useful than the mean.

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [The median is Anh Dao NCE: Research and Program Evaluat Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-median-is-anh-dao-nce-research-and-program-evaluat-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-median-is-anh-dao-nce-research-and-program-evaluat-quest?pdf=1505>

4.1.50. In a new experiment, a counselor educator wants to ferret out the ...

Author: Anh Dao

In a new experiment, a counselor educator wants to ferret out the effects of more than one IV. She will use a \_\_\_\_\_ design.

Please choose only one answer:

- Pearson product-moment  $r$
- Spearman rank order  $\rho$
- factorial
- Solomon four-group design created by psychologist Richard L. Solomon

Check the answer of this question online at QuizOver.com:

Question: [In a new experiment a counselor educator wants Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-new-experiment-a-counselor-educator-wants-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-new-experiment-a-counselor-educator-wants-anh-dao-nce-re?pdf=1505>

4.1.51. Regardless of the shape, the \_\_\_\_\_ will always be the high point...

Author: Anh Dao

Regardless of the shape, the \_\_\_\_\_ will always be the high point when a distribution is displayed graphically.

Please choose only one answer:

- df
- mean
- median.
- mode.

Check the answer of this question online at QuizOver.com:

Question: [Regardless of the shape the will always be the Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-regardless-of-the-shape-the-will-always-be-the-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-regardless-of-the-shape-the-will-always-be-the-anh-dao-nce-re?pdf=1505>

4.1.52. If a group of first semester graduate students in counseling took

...

Author: Anh Dao

If a group of first semester graduate students in counseling took

the NCE exam, a distribution of scores would be

Please choose only one answer:

- a bell-shaped curve.
- positively skewed.
- negatively skewed.
- more information obviously is needed.

Check the answer of this question online at QuizOver.com:

Question: [If a group of first semester graduate students Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-if-a-group-of-first-semester-graduate-students-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-if-a-group-of-first-semester-graduate-students-anh-dao-nce?pdf=1505>

#### 4.1.53. Nine of the world's finest counselor educators are given an elemen...

Author: Anh Dao

Nine of the world's finest counselor educators are given an elementary

exam on counseling theory. The distribution of scores

would most likely be

Please choose only one answer:

- a bell-shaped curve
- positively skewed
- negatively skewed.
- more information would be necessary

Check the answer of this question online at QuizOver.com:

Question: [Nine of the world's finest counselor educators Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-nine-of-the-world-s-fi-nest-counselor-educators-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-nine-of-the-world-s-fi-nest-counselor-educators-anh-dao-nce?pdf=1505>



4.1.54. Billy received an 82 on his college math final. This is Billy's ra...

Author: Anh Dao

Billy received an 82 on his college math final. This is Billy's raw score on the test. A raw score simply refers to the number of items correctly answered. A raw score is expressed in the units by which it was originally obtained. The raw score is not altered mathematically. Billy's raw score indicates that

Please choose only one answer:

- he is roughly a B student
- he answered 82% correctly
- his percentile rank is 82
- more information is obviously necessary.

Check the answer of this question online at QuizOver.com:  
Question: [Billy received an 82 on his college math final Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-billy-received-an-82-on-his-college-math-fi-nal-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-billy-received-an-82-on-his-college-math-fi-nal-anh-dao-nce?pdf=1505>

#### 4.1.55. A distribution with class intervals can be graphically displayed

V...

Author: Anh Dao

A distribution with class intervals can be graphically displayed

via a bar graph also called a

Please choose only one answer:

- histogram
- sociogram.
- genogram
- genus.

Check the answer of this question online at QuizOver.com:

Question: [A distribution with class intervals can be Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-distribution-with-class-intervals-can-be-anh-dao-nce-resear?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-distribution-with-class-intervals-can-be-anh-dao-nce-resear?pdf=1505>

4.1.56. When a horizontal line is drawn under a frequency distribution it ...

Author: Anh Dao

When a horizontal line is drawn under a frequency distribution

it is known as

Please choose only one answer:

- mesokurtic.
- the y axis.
- the ordinate.
- the x axis.

Check the answer of this question online at QuizOver.com:

Question: [When a horizontal line is drawn under a frequency Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-when-a-horizontal-line-is-drawn-under-a-frequency-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-when-a-horizontal-line-is-drawn-under-a-frequency-anh-nce-res?pdf=1505>

4.1.57. The x axis is used to plot the IV scores. The x axis is also known as

Author: Anh Dao

The x axis is used to plot the IV scores. The x axis is also known as

Please choose only one answer:

- the y axis
- the abscissa
- the DV
- the vertical axis

Check the answer of this question online at QuizOver.com:

Question: [The x axis is used to plot the IV scores. The x Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-x-axis-is-used-to-plot-the-iv-scores-the-x-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-x-axis-is-used-to-plot-the-iv-scores-the-x-anh-dao-nce?pdf=1505>

4.1.58. The y axis is used to plot the frequency of the DVs. The y axis is

...

Author: Anh Dao

The y axis is used to plot the frequency of the DVs. The y axis is

also known as the

Please choose only one answer:

- ordinate
- abscissa
- the IV
- the horizontal axis.

Check the answer of this question online at QuizOver.com:

Question: [The y axis is used to plot the frequency of the Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-y-axis-is-used-to-plot-the-frequency-of-the-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-y-axis-is-used-to-plot-the-frequency-of-the-anh-dao-nce?pdf=1505>

4.1.59. If a distribution is bimodal, then there is a good chance that

Author: Anh Dao

If a distribution is bimodal, then there is a good chance that

Please choose only one answer:

- the curve will be normal.
- the curve will be shaped like a symmetrical bell
- the researcher is working with two distinct populations.
- the research is useless in the field of counseling.

Check the answer of this question online at QuizOver.com:

Question: [If a distribution is bimodal then there is a good Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-if-a-distribution-is-bimodal-then-there-is-a-good-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-if-a-distribution-is-bimodal-then-there-is-a-good-anh-nce-res?pdf=1505>

4.1.60. If an experiment can be replicated by others with almost identical

...

Author: Anh Dao

If an experiment can be replicated by others with almost identical

findings, then the experiment

Please choose only one answer:

- is impacted by the observer effect.
- is said to be a naturalistic observation
- is the result of ethological observation
- is said to be reliable.

Check the answer of this question online at QuizOver.com:

Question: [If an experiment can be replicated by others with Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-if-an-experiment-can-be-replicated-by-others-with-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-if-an-experiment-can-be-replicated-by-others-with-anh-nce-res?pdf=1505>

4.1.61. The range is a measure of variance and usually is calculated by de...

Author: Anh Dao

The range is a measure of variance and usually is calculated by

determining the difference between the highest and the lowest

score. Thus, on a test where the top score was a 93 and the lowest

score was a 33 out of 100, the range would

Please choose only one answer:

- 61.
- 77
- 59
- more information is necessary.

Check the answer of this question online at QuizOver.com:

Question: [The range is a measure of variance and usually Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-range-is-a-measure-of-variance-and-usually-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-range-is-a-measure-of-variance-and-usually-anh-dao-nce-re?pdf=1505>



4.1.62. A sociogram is to a counseling group as a scattergram is to

Author: Anh Dao

A sociogram is to a counseling group as a scattergram is to

Please choose only one answer:

- the normal curve.
- the range.
- a correlation coefficient.
- the John Henry Effect.

Check the answer of this question online at QuizOver.com:

Question: [A sociogram is to a counseling group as a Anh Dao NCE: Research Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-sociogram-is-to-a-counseling-group-as-a-anh-dao-nce-researc?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-sociogram-is-to-a-counseling-group-as-a-anh-dao-nce-researc?pdf=1505>

#### 4.1.63. A counselor educator is teaching two separate classes in individual...

Author: Anh Dao

A counselor educator is teaching two separate classes in individual

inventory. In the morning class the counselor educator has

53 students and in the afternoon class she has 177 students. A

statistician would expect that the range of scores on a test would

be

Please choose only one answer:

- greater in the afternoon class than the morning class.
- smaller in the afternoon class.
- impossible to speculate about without more data
- nearly the same in either class.

Check the answer of this question online at QuizOver.com:

Question: [A counselor educator is teaching two separate Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-counselor-educator-is-teaching-two-separate-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-counselor-educator-is-teaching-two-separate-anh-dao-nce-res?pdf=1505>

4.1.64. The variance is a measure of dispersion of scores around some meas...

Author: Anh Dao

The variance is a measure of dispersion of scores around some

measure of central tendency. The variance is the standard deviation

squared. A popular IQ test has a standard deviation (SD) of

15. A counselor would expect that if the mean IQ score is 100,

then

Please choose only one answer:

- the average score on the test would be 122
- 95% of the people who take the test will score between 85 and 115
- 99% of the people who take the test will score between 85 and 115
- 68% of the people who take the test will score between 85 and 115.

Check the answer of this question online at QuizOver.com:

Question: [The variance is a measure of dispersion of scores Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-variance-is-a-measure-of-dispersion-of-scores-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-variance-is-a-measure-of-dispersion-of-scores-anh-nce-res?pdf=1505>

4.1.65. Using the data in question 764 one could say that a person with an...

Author: Anh Dao

Using the data in question 764 one could say that a person with an IQ score of 122 would fall within

Please choose only one answer:

- plus or minus 1 SD of the mean.
- the average IQ range.
- an IQ score which is more that 2 SD above the mean.
- plus or minus 2 SD of the mean.

Check the answer of this question online at QuizOver.com:

Question: [Using the data in question 764 one could say that Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/using-the-data-in-question-764-one-could-say-that-anh-nce-research?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/using-the-data-in-question-764-one-could-say-that-anh-nce-research?pdf=1505>

4.1.66. The standard deviation is the square root of the variance. A zscore...

Author: Anh Dao

The standard deviation is the square root of the variance. A zscore  
of +1 would be the same as

Please choose only one answer:

- one standard deviation above the mean.
- one standard deviation below the mean.
- the same as a so-called T-score
- the median score if the population is normal.

Check the answer of this question online at QuizOver.com:

Question: [The standard deviation is the square root of the Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-standard-deviation-is-the-square-root-of-the-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-standard-deviation-is-the-square-root-of-the-anh-dao-nce-?pdf=1505>

4.1.67. Z-scores (also called standard scores) are the same as standard deviations, thus a z-score of  $-2.5$  means

Author: Anh Dao

Z-scores (also called standard scores) are the same as standard deviations, thus a z-score of  $-2.5$  means

Please choose only one answer:

- 2.5 SD below the mean.
- 2.5 SD above the mean.
- a CEEB score of 500
- $-.05\%$  of the population falls within this area of the curve.

Check the answer of this question online at QuizOver.com:

Question: [Z-scores also called standard scores are the same Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-z-scores-also-called-standard-scores-are-the-same-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-z-scores-also-called-standard-scores-are-the-same-anh-nce-res?pdf=1505>

4.1.68. A T-score is different from a z-score. A z-score is the same as the...

Author: Anh Dao

A T-score is different from a z-score. A z-score is the same as the

standard deviation. A T-score, however, has a mean of 50 with

every 10 points landing at a standard deviation above or below

the mean. Thus a T-score of 60 would equal +1 SD while a Tscore

of 40 would

Please choose only one answer:

- be -2 SD
- be -1 SD
- be a z-score of +2.
- be a z-score of +1.

Check the answer of this question online at QuizOver.com:

Question: [A T-score is different from a z-score. A z-score Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-t-score-is-different-from-a-z-score-a-z-score-anh-dao-nce-q?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-t-score-is-different-from-a-z-score-a-z-score-anh-dao-nce-q?pdf=1505>

4.1.69. An IQ score on an IQ test which was three standard deviations above...

Author: Anh Dao

An IQ score on an IQ test which was three standard deviations above the mean would be

Please choose only one answer:

- about average
- slightly below the norm for adults
- approximately 110.
- near the genius level.

Check the answer of this question online at QuizOver.com:

Question: [An IQ score on an IQ test which was three standard Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-iq-score-on-an-iq-test-which-was-three-standard-anh-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-an-iq-score-on-an-iq-test-which-was-three-standard-anh-nce-re?pdf=1505>



#### 4.1.70. A platykurtic distribution would look approximately like

Author: Anh Dao

A platykurtic distribution would look approximately like

Please choose only one answer:

- the upper half of a bowling ball.
- the normal distribution
- the upper half of a hot dog, lying on its side over the abscissa
- a camel's back.

Check the answer of this question online at QuizOver.com:

Question: [A platykurtic distribution would look approximately Anh NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-platykurtic-distribution-would-look-approximately-anh-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-platykurtic-distribution-would-look-approximately-anh-nce?pdf=1505>

#### 4.1.71. Test scores on an exam that fell below three standard deviations

O...

Author: Anh Dao

Test scores on an exam that fell below three standard deviations

of the mean or above three standard deviations of the mean

could be described as

Please choose only one answer:

- extreme
- very typical or within the average range.
- close to the mean
- very low scores.

Check the answer of this question online at QuizOver.com:

Question: [Test scores on an exam that fell below three Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-test-scores-on-an-exam-that-fell-below-three-anh-dao-nce-rese?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-test-scores-on-an-exam-that-fell-below-three-anh-dao-nce-rese?pdf=1505>

#### 4.1.72. In World War II the Air Force used stanine scores as a measurement....

Author: Anh Dao

In World War II the Air Force used stanine scores as a measurement.

Stanine scores divide the distribution into nine equal

intervals with stanine 1 as the lowest ninth and 9 as the highest

ninth. In this system 5 is the mean. Thus a Binet IQ score of 101

would fall in stanine

Please choose only one answer:

- 1.
- 9
- 5.
- 7.

Check the answer of this question online at QuizOver.com:

Question: [In World War II the Air Force used stanine scores Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-world-war-ii-the-air-force-used-stanine-scores-anh-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-world-war-ii-the-air-force-used-stanine-scores-anh-nce-res?pdf=1505>

4.1.73. There are four basic measurement scales: the nominal, the ordinal,

...

Author: Anh Dao

There are four basic measurement scales: the nominal, the ordinal,

the interval, and the ratio. The nominal scale is strictly

a qualitative scale. It is the simplest type of scale. It is used to

distinguish logically separated groups. Which of the following

illustrates the function of the nominal scale?

Please choose only one answer:

- A horse categorized as a second place winner in a show.
- A DSM or ICD diagnostic category.
- An IQ score of 111.
- The weight of an Olympic barbell set

Check the answer of this question online at QuizOver.com:

Question: [There are four basic measurement scales: the Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-there-are-four-basic-measurement-scales-the-anh-dao-nce-resea?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-there-are-four-basic-measurement-scales-the-anh-dao-nce-resea?pdf=1505>

#### 4.1.74. The ordinal scale rank-orders variables, though the relative distan...

Author: Anh Dao

The ordinal scale rank-orders variables, though the relative distance

between the elements is not always equal. An example of

this would be

Please choose only one answer:

- a horse categorized as a second place winner in a race.
- an IQ score of 111
- the weight of an Olympic barbell set.
- a temperature of 78 degrees Fahrenheit

Check the answer of this question online at QuizOver.com:

Question: [The ordinal scale rank-orders variables though Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-ordinal-scale-rank-orders-variables-though-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-ordinal-scale-rank-orders-variables-though-anh-dao-nce-re?pdf=1505>

4.1.75. The interval scale has numbers scaled at equal distances but has n...

Author: Anh Dao

The interval scale has numbers scaled at equal distances but has

no absolute zero point. Most tests used in school fall into this

category. You can add and subtract using interval scales but cannot

multiply or divide. An example of this would be

Please choose only one answer:

- that an IQ of 70 is 70 points below an IQ of 140, yet a counselor could not assert that a client with an IQ of 140 is twice as intelligent as a client with an IQ of 70
- that a 20 lb weight is half as heavy as a 40 lb weight
- that a first-place runner is three times as fast as the thirdplace finisher.
- that a baseball player with number 9 on his uniform can get 9 times more hits than player number 1

Check the answer of this question online at QuizOver.com:

Question: [The interval scale has numbers scaled at equal Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-interval-scale-has-numbers-scaled-at-equal-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-interval-scale-has-numbers-scaled-at-equal-anh-dao-nce-re?pdf=1505>

4.1.76. A ratio scale is an interval scale with a true zero point. Ratio m...

Author: Anh Dao

A ratio scale is an interval scale with a true zero point. Ratio

measurements are possible using this scale. Addition, subtraction,

multiplication, and division all can be utilized on a ratio

scale. In terms of counseling research

Please choose only one answer:

- the ratio scale is the most practical.
- all true studies utilize the ratio scale.
- a and b.
- most psychological attributes cannot be measured on a ratio scale.

Check the answer of this question online at QuizOver.com:

Question: [A ratio scale is an interval scale with a true Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-ratio-scale-is-an-interval-scale-with-a-true-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-ratio-scale-is-an-interval-scale-with-a-true-anh-dao-nce-re?pdf=1505>

#### 4.1.77. Researchers often utilize naturalistic observation when doing etho...

Author: Anh Dao

Researchers often utilize naturalistic observation when doing

ethological investigations or studying children's behavior. In this

approach

Please choose only one answer:

- the researcher manipulates the IV
- the researcher manipulates the IV and the DV.
- the researcher does not manipulate or control variables.
- the researcher will rely on a 2x3 factorial design

Check the answer of this question online at QuizOver.com:

Question: [Researchers often utilize naturalistic observation Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-researchers-often-utilize-naturalistic-observation-anh-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-researchers-often-utilize-naturalistic-observation-anh-nce-re?pdf=1505>



4.1.78. The simplest form of descriptive research is the \_\_\_\_\_, which re...

Author: Anh Dao

The simplest form of descriptive research is the \_\_\_\_\_, which requires a questionnaire return rate of \_\_\_\_\_ to be accurate.

Please choose only one answer:

- survey; 5%
- survey; 10%–25%
- survey; 50–75%
- survey; 95%

Check the answer of this question online at QuizOver.com:

Question: [The simplest form of descriptive research is the Anh Dao NCE: and](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-simplest-form-of-descriptive-research-is-the-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-simplest-form-of-descriptive-research-is-the-anh-dao-nce-?pdf=1505>

#### 4.1.79. A researcher gives a depressed patient a sugar pill and the individ...

Author: Anh Dao

A researcher gives a depressed patient a sugar pill and the individual's

depression begins to lift. This is known as

Please choose only one answer:

- the Hawthorne effect
- the Halo effect
- the placebo effect
- the learned helplessness syndrome.

Check the answer of this question online at QuizOver.com:

Question: [A researcher gives a depressed patient a sugar Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-gives-a-depressed-patient-a-sugar-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-gives-a-depressed-patient-a-sugar-anh-dao-nce-re?pdf=1505>

4.1.80. A researcher notes that a group of clients who are not receiving  
c...

Author: Anh Dao

A researcher notes that a group of clients who are not receiving  
counseling, but are observed in a research study, are improving.  
Her hypothesis is that the attention she has given them has been  
curative. The best explanation of their improvement would be

Please choose only one answer:

- the Hawthorne effect.
- the Halo Effect
- the Rosenthal effect.
- a Type II error in the research.

Check the answer of this question online at QuizOver.com:

Question: [A researcher notes that a group of clients who Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-notes-that-a-group-of-clients-who-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-notes-that-a-group-of-clients-who-anh-dao-nce-re?pdf=1505>

4.1.81. An elementary school counselor tells the third-grade teacher that ...

Author: Anh Dao

An elementary school counselor tells the third-grade teacher

that a test revealed that certain children will excel during the

school year. In reality, no such test was administered. Moreover,

the children were unaware of the experiment. By the end of the year, all of the children who were supposed to excel did excel!

This would best be explained via

Please choose only one answer:

- the Hawthorne effect.
- the Halo effect
- the Rosenthal effect or the experimenter expectancy effect
- observer bias.

Check the answer of this question online at QuizOver.com:

Question: [An elementary school counselor tells the third Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-elementary-school-counselor-tells-the-third-anh-dao-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-an-elementary-school-counselor-tells-the-third-anh-dao-nce-re?pdf=1505>

4.1.82. A panel of investigators discovered that a researcher who completed...

Author: Anh Dao

A panel of investigators discovered that a researcher who completed

a major study had unconsciously rated attractive females

as better counselors. This is an example of

Please choose only one answer:

- the Hawthorne effect
- the Halo effect.
- the Rosenthal effect.
- trend analysis.

Check the answer of this question online at QuizOver.com:

Question: [A panel of investigators discovered that a Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-panel-of-investigators-discovered-that-a-anh-dao-nce-resear?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-panel-of-investigators-discovered-that-a-anh-dao-nce-resear?pdf=1505>

#### 4.1.83. All of the following describe the analysis of covariance technique

...

Author: Anh Dao

All of the following describe the analysis of covariance technique

except

Please choose only one answer:

- it is a correlation coefficient
- it controls for sample differences which exist.
- it helps to remove confounding, extraneous variables
- it statistically eliminates differences in average values influenced by covariates

Check the answer of this question online at QuizOver.com:

Question: [All of the following describe the analysis of Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-all-of-the-following-describe-the-analysis-of-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-all-of-the-following-describe-the-analysis-of-anh-dao-nce-res?pdf=1505>

4.1.84. Three years ago an inpatient chemical dependency center in a hospi...

Author: Anh Dao

Three years ago an inpatient chemical dependency center in a hospital asked their clients if they would like to undergo an archaic form of therapy created by Wilhem Reich known as “vegotherapy.”

Approximately half of the clients stated they would like try the treatment while the other 50% stated that they would stick with the tried-and-true program of the center. Outcome data on their drinking was compiled at the end of seven weeks.

Today—three years later—a statistician compared the two groups based on their drinking behavior at the end of the seven weeks using a t test. This study could best be described as

Please choose only one answer:

- correlation research.
- a true experiment
- a cohort study.
- causal comparative research.

Check the answer of this question online at QuizOver.com:

Question: [Three years ago an inpatient chemical dependency Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-three-years-ago-an-inpatient-chemical-dependency-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-three-years-ago-an-inpatient-chemical-dependency-anh-dao-nce-?pdf=1505>

4.1.85. The WAIS-III IQ test is given to 100 adults picked randomly.

How m...

Author: Anh Dao

The WAIS-III IQ test is given to 100 adults picked randomly.

How many of the adults most likely would receive an IQ score

between 85 and 115?

Please choose only one answer:

- 7 people.
- 99 people.
- 95 people
- 68 people

Check the answer of this question online at QuizOver.com:

Question: [The WAIS-III IQ test is given to 100 adults picked Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-wais-iii-iq-test-is-given-to-100-adults-picked-anh-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-wais-iii-iq-test-is-given-to-100-adults-picked-anh-nce-re?pdf=1505>



4.1.86. A researcher creates a new motoric test in which clients throw a baseball at a target 40 feet away. Each client is given 100 throws, and the mean on the test is 50. (In other words, out of 100 throws the mean number of times the client will hit the target is 50 times.) Sam took the test and hit the target just two times out of the 100 throws allowed. Jeff, on the other hand, hit the target an amazing 92 out of 100 trials. Using the concept of statistical regression toward the mean the research would predict that

Author: Anh Dao

Please choose only one answer:

- Sam and Jeff's scores will stay about the same if they take the test again
- Sam and Jeff will both score over 95 next time
- Sam's score will increase while Jeff's will go down.
- Sam will beat Jeff if they both are tested again.

Check the answer of this question online at QuizOver.com:

Question: [A researcher creates a new motoric test in which Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-creates-a-new-motoric-test-in-which-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-creates-a-new-motoric-test-in-which-anh-dao-nce-?pdf=1505>

#### 4.1.87. Standardized tests always have

Author: Anh Dao

Standardized tests always have

Please choose only one answer:

- formal procedures for test administration and scoring
- a mean of 100 and an SD of 15.
- a mean of 100 and a standard error of measurement of 3
- a reliability coefficient of  $\geq .90$  or above.

Check the answer of this question online at QuizOver.com:

Question: [Standardized tests always have Anh Dao NCE: Research and Program](#)

Flashcards:

<http://www.quizover.com/flashcards/question-standardized-tests-always-have-anh-dao-nce-research-and-progr?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-standardized-tests-always-have-anh-dao-nce-research-and-progr?pdf=1505>

4.1.88. There are two distinct types of developmental studies. In a cross-...

Author: Anh Dao

There are two distinct types of developmental studies. In a cross-sectional study, clients are assessed at one point in time. In a longitudinal study, however,

Please choose only one answer:

- the researcher has an accomplice pose as a client
- the same people are studied over a period of time
- the researcher relies on a single observation of a variable being investigated.
- all of the above.

Check the answer of this question online at QuizOver.com:

Question: [There are two distinct types of developmental Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-there-are-two-distinct-types-of-developmental-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-there-are-two-distinct-types-of-developmental-anh-dao-nce-res?pdf=1505>

4.1.89. A counselor educator, Dr. Y, is doing research on his classes. He

...

Author: Anh Dao

A counselor educator, Dr. Y, is doing research on his classes. He

hypothesizes that if he reinforces students in his morning class

by smiling each time a student asks a relevant question, then

more students will ask questions and exam grades will go up.

Betty and Linda accidentally overhear Dr. Y discussing the experiment

with the department chairman. Betty is a real people

pleaser and decides that she will ask lots of questions and try to

help Dr. Y confirm his hypothesis. Linda, nevertheless, is angry

that she is being experimented on and promises Betty that Dr.

Y could smile until the cows come in but she still wouldn't ask a

question. Both Linda and Betty exemplify

Please choose only one answer:

- internal versus external validity.
- ipsative versus normative interpretation of test scores
- the use of the nonparametric chi-square test
- demand characteristics of experiments.

Check the answer of this question online at QuizOver.com:

Question: [A counselor educator Dr. Y is doing research on Anh Dao NCE: and](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-counselor-educator-dr-y-is-doing-research-on-anh-dao-nce-an?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-counselor-educator-dr-y-is-doing-research-on-anh-dao-nce-an?pdf=1505>

4.1.90. If an ANOVA yields a significant F value, you could rely on \_\_\_\_\_

...

Author: Anh Dao

If an ANOVA yields a significant F value, you could rely on \_\_\_\_\_

\_\_\_\_\_ to test significant differences between group means.

Please choose only one answer:

- one- and two-tailed t tests.
- percentile rank
- Duncan's multiple-range, Tukey's, or Scheffe's test
- summative or formative evaluation.

Check the answer of this question online at QuizOver.com:

Question: [If an ANOVA yields a significant F value you Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-if-an-anova-yields-a-signifi-cant-f-value-you-anh-dao-nce-res?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-if-an-anova-yields-a-signifi-cant-f-value-you-anh-dao-nce-res?pdf=1505>

#### 4.1.91. Switching the order in which stimuli are presented to a subject in...

Author: Anh Dao

Switching the order in which stimuli are presented to a subject

in a study is known as

Please choose only one answer:

- the Pygmalion effect.
- counterbalancing.
- ahistoric therapy
- multiple treatment interference.

Check the answer of this question online at QuizOver.com:

Question: [Switching the order in which stimuli are presented Anh NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-switching-the-order-in-which-stimuli-are-presented-anh-nce-re?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-switching-the-order-in-which-stimuli-are-presented-anh-nce-re?pdf=1505>

4.1.92. A doctoral student who begins working on his bibliography for his ...

Author: Anh Dao

A doctoral student who begins working on his bibliography for his thesis would most likely utilize

Please choose only one answer:

- SPSS.
- ERIC, for primary and secondary resources
- O\*NET
- a random number table or random number generation computer program.

Check the answer of this question online at QuizOver.com:

Question: [A doctoral student who begins working on his Anh Dao NCE: Research](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-doctoral-student-who-begins-working-on-his-anh-dao-nce-rese?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-doctoral-student-who-begins-working-on-his-anh-dao-nce-rese?pdf=1505>

4.1.93. In a random sample each individual in the population has an equal ...

Author: Anh Dao

In a random sample each individual in the population has an

equal chance of being selected. Selection is by chance. In a

new study, however, it will be important to include 20% African

Americans. What type of sampling procedure will be necessary?

Please choose only one answer:

- Standard (i.e., simple) random sampling is adequate
- Cluster sampling is called for
- Stratified sampling would be best.
- Horizontal sampling is required.

Check the answer of this question online at QuizOver.com:

Question: [In a random sample each individual in the population Anh NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-random-sample-each-individual-in-the-population-anh-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-random-sample-each-individual-in-the-population-anh-nce-?pdf=1505>



4.1.94. A researcher wants to run a true experiment but insists she will not use a random sample. You could safely say that

Author: Anh Dao

A researcher wants to run a true experiment but insists she will not use a random sample. You could safely say that

Please choose only one answer:

- she absolutely, positively cannot run a true experiment.
- her research will absolutely, positively be casual comparative research.
- she could accomplish this using systematic sampling.
- her research will be correlational.

Check the answer of this question online at QuizOver.com:

Question: [A researcher wants to run a true experiment but Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-wants-to-run-a-true-experiment-but-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-wants-to-run-a-true-experiment-but-anh-dao-nce?pdf=1505>

#### 4.1.95. An operational definition

Author: Anh Dao

An operational definition

Please choose only one answer:

- outlines a procedure.
- is theoretical
- outlines a construct
- is synonymous with the word axiom.

Check the answer of this question online at QuizOver.com:

Question: [An operational definition Anh Dao NCE: Research and Program Evaluation](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-operational-definition-anh-dao-nce-research-and-program-eval?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-an-operational-definition-anh-dao-nce-research-and-program-eval?pdf=1505>

4.1.96. In a parametric test the assumption is that the scores are normally...

Author: Anh Dao

In a parametric test the assumption is that the scores are normally

distributed. In nonparametric testing the curve is not a

normal distribution. Which of these tests are nonparametric statistical

measures?

Please choose only one answer:

- Mann-Whitney U-test, often just called the U-test
- Wilcoxon signed-rank test for matched pairs.
- Soloman and the Kruskal-Wallis H-test.
- All of the above are nonparametric measures.

Check the answer of this question online at QuizOver.com:

Question: [In a parametric test the assumption is that the Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-a-parametric-test-the-assumption-is-that-the-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-a-parametric-test-the-assumption-is-that-the-anh-dao-nce?pdf=1505>

4.1.97. A researcher studies a single session of counseling in which a  
COU...

Author: Anh Dao

A researcher studies a single session of counseling in which a  
counselor treats a client's phobia using a paradoxical strategy. He  
then writes in his research report that paradox is the treatment  
of choice for phobics. This is an example of

Please choose only one answer:

- deductive logic or reasoning.
- inductive logic or reasoning
- attrition or so-called experimental mortality.
- construct validity.

Check the answer of this question online at QuizOver.com:

Question: [A researcher studies a single session of counseling Anh NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-studies-a-single-session-of-counseling-anh-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-studies-a-single-session-of-counseling-anh-nce?pdf=1505>

4.1.98. A client goes to a string of 14 chemical dependency centers that  
O...

Author: Anh Dao

A client goes to a string of 14 chemical dependency centers that  
operate on the 12-step model. When his current therapist suggests  
a new inpatient program the client responds with, "What  
for, I already know the 12 steps?" This client is using

Please choose only one answer:

- deductive logic
- inductive logic.
- an empathic assertion.
- an I statement.

Check the answer of this question online at QuizOver.com:

Question: [A client goes to a string of 14 chemical dependency Anh NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-client-goes-to-a-string-of-14-chemical-dependency-anh-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-client-goes-to-a-string-of-14-chemical-dependency-anh-nce?pdf=1505>

4.1.99. Mike takes a math achievement test. In order to predict his score

...

Author: Anh Dao

Mike takes a math achievement test. In order to predict his score

if he takes the test again the counselor must know

Please choose only one answer:

- the range of scores in his class
- the range of scores in his class
- the standard error of measurement (SEM).
- the mode for the test.

Check the answer of this question online at QuizOver.com:

Question: [Mike takes a math achievement test. In order to Anh Dao NCE:](#)

Flashcards:

<http://www.quizover.com/flashcards/question-mike-takes-a-math-achievement-test-in-order-to-anh-dao-nce?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-mike-takes-a-math-achievement-test-in-order-to-anh-dao-nce?pdf=1505>

4.1.100. A researcher performs a study that has excellent external or social...

Author: Anh Dao

A researcher performs a study that has excellent external or social

population validity, meaning that the results have generalizability.

To collect his data the researcher gave clients a rating

scale in which they were to respond with strongly agree, somewhat

agree, neutral, somewhat disagree, or strongly disagree.

This is

Please choose only one answer:

- a projective measure
- unacceptable for use in standardized testing.
- a speed test
- a Likert scale.

Check the answer of this question online at QuizOver.com:

Question: [A researcher performs a study that has excellent Anh Dao NCE: Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-researcher-performs-a-study-that-has-excellent-anh-dao-nce-?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-researcher-performs-a-study-that-has-excellent-anh-dao-nce-?pdf=1505>