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## Exam : C2020-011

# Title : IBM SPSS Statistics Level 1 v2

## Version : DEMO

1. What statistical test should be used to assess whether the percentage differences observed in a crosstabs table could have occurred by chance?

- A. Correlation
- **B.** Linear Regression
- C. T-Test
- D. Chi-square test of independence

#### Answer: D

2. The text file shown in the figure below is an example of a fixed format text file.

40 1 81 28 5	Welcome to the text import wizard!
200 0 83 31 08 76 0 93 31 17 7400 183 41 91	This wrizard will help you read data from your text file and specify information about variables.
var1 var2 var3	Does your text file match a predefined format?
2	O <u>Y</u> es Brow
2	
and an and a second second second	
file: C:\Certification\	mployee data.csv
e	20 30 40 50 60 70
1 id gender bdat	e educ johost salaru salbegin johtime preveyn minoritu
2 1, 1, 2/3/1952,1	5,3,57000,27000,98,144,0
3 2, 1, 5/23/1958,	16,1,40200,18750,98,36,0
3,£,7/26/1929,	12,1,21450,12000,98,381,0
5 4.£.4/15/1947.	8,1,21900,13200,98,190,0
-	

- A. True
- B. False



3.In the Variable View, if you have a series of variables that share the same category coding scheme, you can enter value labels for one variable, then copy these labels to the other variables.

- A. True
- B. False

#### Answer: A

4.For a variable salary we have the statistics as shown in the figure below.

**Descriptive Statistics** 

	N	Minimum	Maximum	Mean
Current Salary	474	-9999.00	135000.00	33915.7321
Valid N (listwise)	474			

The reported Mean is incorrect because a value, -9999, is included in its calculation. How can this situation be fixed?

- A. Define -9999 as a system-missing value.
- B. Remove all cases with the value -9999 for the variable salary from the data file.
- C. Define -9999 as a user-missing value.
- D. Define -9999 as both a system- and user-missing value.

#### Answer: C

5. Which statement is true about this box plot?



A. The mean is 14.

B. The standard deviation is 14 (20 minus 6).

- C. The standard deviation is4 (16 minus 12).
- D. of the outliers are on the lower end of the distribution.

## Answer: D

6.Which statement is the correct interpretation of this crosstab table?

			GENDER OF RESPONDENT		
			Female	Male	Total
BELIEF IN LIFE AFTER DEATH	YES	Count	541	417	958
		% within BELIEF IN LIFE AFTER DEATH	56.5%	43.5%	100.0%
		% within GENDER OF RESPONDENT	86.0%	76.9%	81.8%
	NO	Count	88	125	213
		% within BELIEF IN LIFE AFTER DEATH	41.3%	58.7%	100.0%
		% within GENDER OF RESPONDENT	14.0%	23.1%	18.2%
Total		Count	629	542	1171
		% within BELIEF IN LIFE AFTER DEATH	53.7%	46.3%	100.0%
		% within GENDER OF RESPONDENT	100.0%	100.0%	100.0%

#### BELIEF IN LIFE AFTER DEATH \* GENDER OF RESPONDENT Crosstabulation

A. 56.5% of females believe in life after death.

B. 86.0% of females believe in life after death.

C. 27.5% of females believe in life after death.

D. 53.7% of females believe in life after death.

#### Answer: B

7.Consider the data file below and answer the following: The calculation of the mean of the variables X, Y, Z is contained in the variable Av\_XYZ.

What method was used to calculate the mean?

	📴 🦛	(*) 🕌 😽 🚺	? M	📲 🏦 💼	1
1 : Z		4.00		Visible: 4 of 4 Variab	les
	X	γ	Z	Av_XYZ	
1	4.0	0 1.00	4.00	3.00	•
2		1.00	4		25
3	4.0	0 2.00	3.00	3.00	
4	5.0	о.	6.00	5.50	
5	6.0	0 12.00	7.00	8.33	-
	•			×	
Data View	Variable Vi	iew			

A. The Compute Variable dialog and the expression (X+Y+Z) 13

B. The Compute Variable dialog and the expression X+Y+Z/3

- C. The Compute Variable dialog and the expression MEAN(X, Y, Z)
- D. The Compute Variable dialog and the expression MEAN.2(X, Y, Z)

## Answer: D

8. If you request an aggregated dataset or data file in the Aggregate procedure, the number of cases in the new aggregated file is equal to what?

- A. Number of cases in the original data file
- B. Number of aggregated summary variables
- C. Number of categories of the variables specified in the Break Variables list
- D. Number of cases that you specified in the Aggregate Data dialog box

### Answer: C

9. What does the Paste button in this dialog box do?

	Dependent List:	Options
🔗 Respondent id number [id] 📥	Age of respondent [age]	
🔗 Number of children [childs]		
🔗 Highest year of school c 📇 👔	Layer 1 of 1	1
🔗 Highest year school com		
🔗 Highest year school com	Distance Haut	
Highest year school com.		
Highest degree [degree]	Independent List:	
💑 Gender [sex]	A Marital status (marital)	
Race of respondent [race]		
💫 Born in this country [born]		
🔍 Patents horn in this cou		

- A. Runs a MEANS table.
- B. Pastes the MEANS command into a Syntax Editor window.
- C. Pastes the MEANS command into the Viewer window.
- D. Runs a MEANS table, opens a new Syntax Editor window, and pastes the MEANS command

#### Answer: B

10.If you use the IBM SPSS Statistics Select Cases dialog to conduct analysis on a subset of cases and you want to keep all cases in the same dataset, which option is appropriate?

- A. Copy unselected cases to a new dataset
- B. Copy selected cases to a new dataset
- C. Delete unselected cases
- D. Filter out unselected cases

## Answer: D