Fast Stats Quiz Question July 27, 2022

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numb: 1,

question: "A parameter is:",

answer: "A Population Characteristic",

options: [

"A Sample Characteristic",

"A Population Characteristic",

"Unknown",

"Normal Normally Distributed"

]

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numb: 2,

question: "Failing to reject the null hypothesis when it is false is:",

answer: "Type II Error",

options: [

"Alpha",

"Type I Error",

"Type II Error",

"beta"

]

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numb: 3,

question: "Observational studies allow:",

answer: "Neither Type of Inference",

options: [

"Population Inference",

"Causal Inference",

"Both Types of Inference",

"Neither Type of Inference"

]

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numb: 4,

question: "What is an advantage of using volunteers in a study?",

answer: "Volunteers are more willing to take part in the study ",

options: [

"Volunteer sampling guarantees a representative sample of the population",

"Some volunteers do not complete the study",

"Volunteers are more willing to take part in the study ",

"Volunteer sampling prevents under coverage bias"

]

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numb: 5,

question: "One use of a regression line is",

answer: "To Estimate the Change in Y for a One-Unit Change in X",

options: [

"To Determine if Any X-Values are Outliers",

"To Estimate the Change in Y for a One-Unit Change in X",

"To Determine if Any Y-Values are Outliers",

"To Determine if a Change in X Causes a Change in Y",

]

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numb: 6,

question: "Which one of the following variables is not categorical?",

answer: "Age of a Person",

options: [

"Age of a Person",

"Gender of a Person: Male or Female",

"Choice on a Test Item: True or False",

"Marital Status of a Person (Single, Married, Divorced, Other)"

]

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numb: 7,

question: "Which one of these statistics is unaffected by outliers?",

answer: "Interquartile Range",

options: [

"Mean",

"Interquartile Range",

"Standard Deviation",

"Range"

]

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numb: 8,

question: "A magazine printed a survey in its monthly issue and asked readers to fill it out and send it in. Over 1000 readers did so. This type of sample is called",

answer: "A Self-Selected Sample",

options: [

"A Cluster Sample",

"A Self-Selected Sample",

"A Stratified Sample",

"A Simple Random Sample"

]

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numb: 9,

question: "What is a p-value?",

answer: "None of the above",

options: [

"The probability of rejecting the null hypothesis ",

"The probability of failing to reject the null hypothesis ",

"The probability of a type one error",

"None of the above"

]

},

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numb: 10,

question: "A sampling technique is used in Qualitative research wherein the researcher chooses individuals who are easily accessible to become respondents for the study.",

answer: "Convenience Sampling",

options: [

"Judgement Sampling",

"Convenience Sampling",

"Snowball Sampling",

"Quota Sampling"

]

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