Statistical Symbols and Definitions Matching Assignment

Match the letter of the definition on the right to the appropriate symbol on the left.

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| Symbols | Definitions |
| * 1. Σ (Uppercase Sigma) \_\_\_\_
 | 1. Null hypothesis
 |
| * 1. μ (Mu) \_\_\_\_
 | 1. Summation
 |
| * 1. σ (Lowercase Sigma) \_\_\_\_
 | 1. Factorial
 |
| * 1. π (Pi) \_\_\_\_
 | 1. Nonparametric hypothesis test
 |
| * 1. ε (Epsilon) \_\_\_\_
 | 1. Population standard deviation
 |
| * 1. χ2 (Chi Square) \_\_\_\_
 | 1. Alternate hypothesis
 |
| * 1. ! \_\_\_\_
 | 1. Maximum allowable error
 |
| * 1. H0 \_\_\_\_
 | 1. Population mean
 |
| * 1. H1 \_\_\_\_
 | i. Probability of success in a binomial trial |

Match the letter of the term on the right to the definition of that term on the left.

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| Definitions  | Terms |
| * 1. The average of the squared deviation scores from a distribution mean. \_\_\_\_
 | 1. Reliability
 |
| * 1. Midpoint in the distribution of numbers. \_\_\_\_
 | 1. Mode
 |
| * 1. It has to do with the accuracy and precision of a measurement procedure. \_\_\_\_
 | 1. Generalization
 |
| * 1. Examines if an observed causal relationship generalizes across persons, settings, and times. \_\_\_\_
 | 1. Variance
 |
| * 1. The difference between the largest and smallest score in a distribution. \_\_\_\_
 | 1. Median
 |
| * 1. The arithmetic average. \_\_\_\_
 | 1. External validity
 |
| * 1. Refers to the extent to which a test measures what we actually wish to measure. \_\_\_\_
 | 1. Mean
 |
| * 1. The most frequently occurring value in a set of numbers. \_\_\_\_
 | 1. Internal validity
 |
| * 1. The conclusion from research conducted on a sample population to the population as a whole. \_\_\_\_
	2. Examines whether the conclusion that we draw about a demonstrated experimental relationship truly implies cause. \_\_\_\_
	3. Determines how far away the data values are from the average. \_\_\_\_
 | 1. Range
2. Standard deviation
3. Validity
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