

Classroom Assessment Technique

- *Pearson Product Moment Correlation Coefficient*
 - *Defining Features Matrix*
 - *Students categorize concepts according to the presence or absence of important defining features*
 - *Quickly can assess how well students can distinguish between apparently similar concepts*
- ❖ *The defining features matrix relates to several teaching inventory goals.*

Defining Features Matrix

Features	Absolute Risk	Correlation
Rate in a Population		
Exposure Versus non-Exposure		
Measure of Relationship		
Range from -1.0 to 1.0		
Takes into account individual risk factors		
Rate can not be applied to the individual		

PPM Assignment

- *For this activity you will record two variables from ten people and input the data in the online statistic calculator located at <http://statpages.org/#Calculators> . The correlation between the two variables will then be calculated once you press the calculate button.*

PPM Assignment

- *Select one topic from the following suggestions and ask ten people the same question:*
 - *1- number of stress management techniques utilized in the last 12 months (variable A) AND number of times sick (cold, sinuses, upset stomach, etc.) (variable B)*
 - *2- number of hours studied per week (variable A) AND GPA (variable B)*
 - *3- number of red shirts owned (variable A) AND number of blue shirts owned (variable B)*
 - *4- number of pets owned (variable A) AND shoe size (variable B)*

PPM Assignment

- *In less than a paragraph, students must report the statistic, the strength of the association, how this statistic relates to causality, and answer the following question:*
 - ***Does your understanding of correlation help you to understand behavioral and mental health research for more informed decision making?***

Grading Rubric

Absolute and Relative Risk Assignment Grading Rubric			
	Not At All	Satisfactory	Exemplary
Minimum Four Modifications			
Minimum Four Sentences			
Reported Absolute Risk			
Minimum Sentence Comparison of AR/RR			
Minimum Paragraph Discussion of Individual Risk			
Decision Making Question Addressed			

Grading Rubric

Pearon Product Moment Correlation Coefficient Grading Rubric			
	Not At All	Satisfactory	Exemplary
Collected Data on 10 People			
Paragraph Minimum			
Reported Statistic			
Reported Strength			
Addressed Causality			
Decision Making Question Addressed			