Symbols

f = Erequency

cm) = com frequency

% = percentage

OME CAM PERCENTAGE

K = Kurtosis

S = Standard deviation = SD

= Sigma = Sum

N = # of participants

M = Mean

 $\overline{X} = Mean$

r = correlation of coefficiant

Iar=Interquartral Range

p = Significance

r2 = Coefficient of determination

R = comparing 2 + variables

CI% = Considence interval

SEM = Standard error of muosurement

Sym		
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	IV = Independent variable
V 45-00	DV = dependent variable
	H = NUIL HUROHARESIS
	The state of the s
	Ha = Alternative Hypothesis
	NRT = Norm-referenced Tests
	CRT = Criterion-referenced Tests
	K= the number of levels for IV >ANOVA
	n2= eta squared
	d = eta squared
1771	
1990	

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Research and Statistics Definitions

Achievement test – measures knowledge and skills individuals have acquired Exam

Aptitude test – designed to predict of specific type of achievement GRE

ANOVA – find the difference of 2 or more means Analysis of variance

Applied research – putting the theory into practice

Appraisal – gathering data

Basic research – looking to find info for a theory

Bell curve – normal distribution

Positive scale – tale to the right

Negative scale – tale to the left

Bimodal distribution – 2 high points

Bivariate – 2 variables, chi square, correlational

Bias – when some types members have a greater chance of being picked

Census – when you get a whole population

Chi-Square – nominal data, shown by frequencies and percentages

One way – participants classified in only one way

Two way – participants classified in 2 ways

Cluster sampling – drawing groups instead of individuals

Confidence interval – where you know the mean lies with in. 68%, 95%, 98%

Confounded – something that effected research so its not pure

Construct – a collection of related behaviors that are associated in a meaningful way

ANOVA

		and the second s			a de la companya del companya della
	Sum of square	df.	square mean	Manufacture Control of the Control o	S
benneen	SST	K	MST: SST K-1	WIST MSE	Score Score
Within	SSE	A CONTRACTOR OF THE PROPERTY O	N-K S3E M SE :	12 Constitution of the con	
tota I	TSS	N-10			4.

IV = factor

- 1. Test of assumptions > 1. Independent dos
- 2. Run ANOVA 2. normalut
- 3. Post Hoc 3. Homogenity
- 2. Normaluty 3. Homogenity 4. Pandom sampling

A If significance is found by ANOVA doesn't tell you where by Post Hoc does