Homework #6

allin	1. 9.1- True
	9.2- Fake - The intercept value does not always
	equal zero.
	4.3- true
	9.4- true
	9.5- false-That would be the alternative
	hypothesis Ho would still be B = 0
	9.6 - False - the denominators could be different
	when calculating s? face 1)
	9.7-false - the value of x is not meant
	to necessarily be minimized
	9.8: false - the Slope charles in a
	regardiosi of how units were declared as
	long as $\Sigma(y-\bar{y})^2$ is minimized
	1.1-100
	9,10-True
	9. 11- fulse- the phrase does not imply anything
	Call Chip otver I von That a page 11
	take - it depends on the distribution to
	aftermine Cit
	1.13 - true
	9, 14 - false - the experimenter is trying to
	determine it corelation exists not assuming
	there is one
	9.15 - false - could be attributed to the sample
16 10	gate not being an accurate representation
	4.16- True
	4.17-false - it is assumed that each y has
	a normal distribution for y not the entire variable
	rio-me-
	9.19 - true
	9.20. Palse - depends on distribution and
	how the variables are related

8.5.2. Ho: N=0	
H.: M ± O	
V1: 3.5 -5.0 11.0 3.5	5.0
Park: 3.5 -5.0 11.0 3.5	7.5
Ya: 13.5 0.0 -3.0 -2.0	7.0
(ank: 17 M/A -2 -1	10
yd: -7.5 4.0 -4.0 9.0	8.0
rank:-11 5.5 -5.5 13.5	12
yd: -10.0 6.0 9.0	
ronk: -15 9 13.5	
N=17 F=4.059	
N 620: 4.059-0.5-0	- (1.432)
2= 1(18). (35)/102	
	4(132
1.432 6 1.96 so sue da no	of reject
the null hypothe	si and determine
That there is no ev	deroe
253	
8.5.3. Ho: N=0	
H.: N +0	- (2 (2) 1 2 3
1/0°-0.303 -0.243 -0.103	-0.0933
rank: -9 -6 -4	0.267
yd:-0.013 0.017 0.187	0.201
rank: -1 2	
1900000	
$\bar{z} = -1$ $z = -1 - (31)/2$	672
130-93.31/(12.9	7-0.12
	A STATE OF THE STA
so reject to	
	C .

 $9.2.4 - 0.6 = \frac{5xy}{5xx} = \frac{5xy}{5x} - \frac{5x}{5x} = \frac{5x}{10} - \frac{5x}{10} = \frac{5x}{10} =$ 7+22+27+52+75-(15)(55)/51+4+9+16+25-225/5 $(y-y)^2 = 16+0+4+4+16=13.33$ keeper wonts to know if the Slope is positive not either/or e. y= X+Ax+E exists with Es independently distributed with mean D and a varionce 62/x