



# *An Exploration of the Relationship Between Astrology and Sex*

ASTRLGY/SEXFREQ Crosstabulation

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# *Problem Statement:*



What is the relationship between reading  
one's astrological chart and frequency of  
sex in a year?



# *Concepts/Variables*

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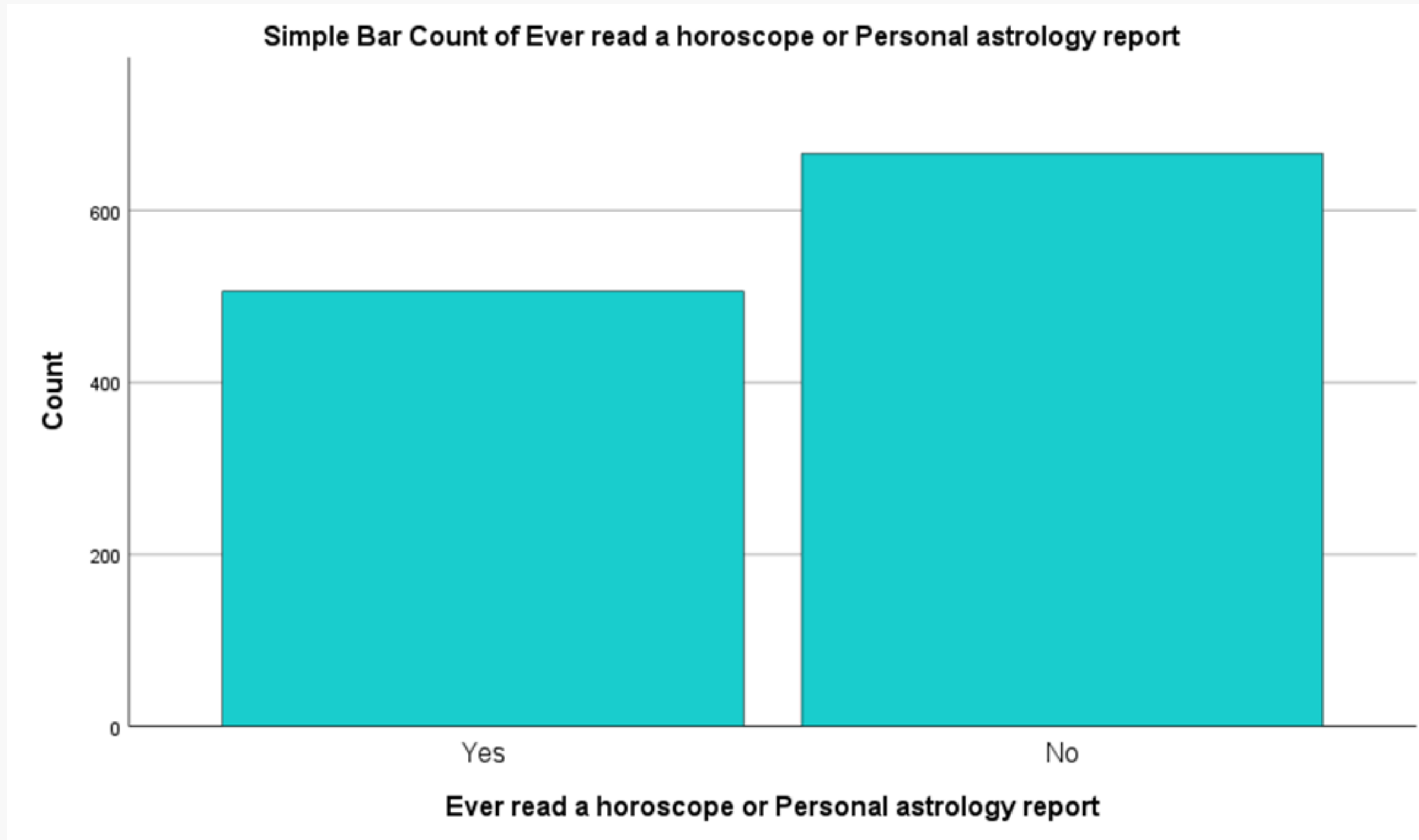
## **Astrology Reading (Independent Variable)**

- Nominal by  
Yes/No answer

## **Frequency of sex in a year (Dependent Variable)**

- By category

# Charting Astrology Reading



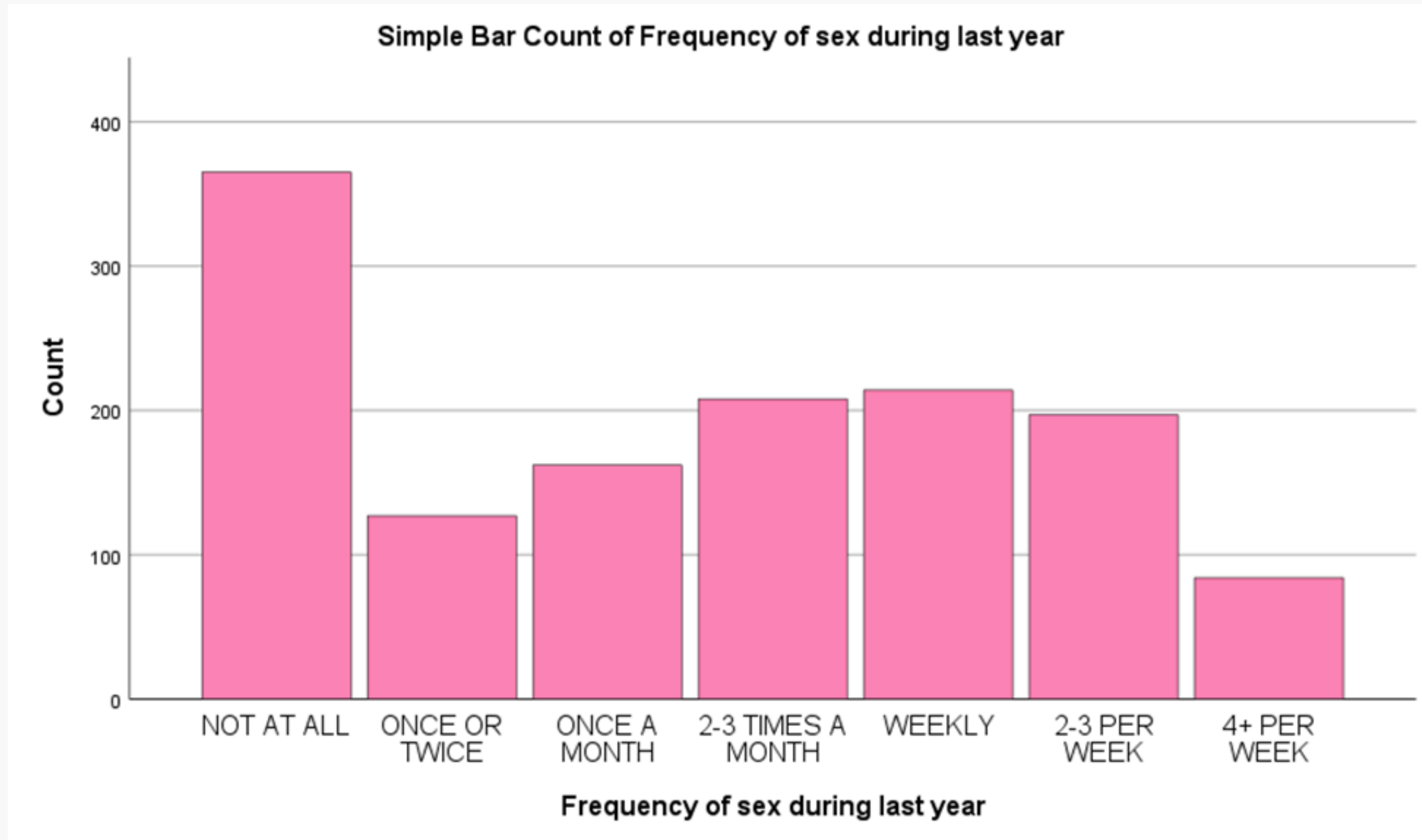
# Astrology Frequency Distribution



Ever read a horoscope or Personal astrology report					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	506	21.6	43.2	43.2
	No	666	28.4	56.8	100.0
	Total	1172	49.9	100.0	
Missing	IAP	1173	50.0		
	DONT KNOW	2	.1		
	NO ANSWER	1	.0		
	Total	1176	50.1		
Total		2348	100.0		



# Charting Sex Frequency .....



# Sex Frequency Distribution



Frequency of sex during last year					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	NOT AT ALL	365	15.5	26.9	26.9
	ONCE OR TWICE	127	5.4	9.4	36.3
	ONCE A MONTH	162	6.9	11.9	48.2
	2-3 TIMES A MONTH	208	8.9	15.3	63.5
	WEEKLY	214	9.1	15.8	79.3
	2-3 PER WEEK	197	8.4	14.5	93.8
	4+ PER WEEK	84	3.6	6.2	100.0
	Total	1357	57.8	100.0	
Missing	IAP	942	40.1		
	DK	6	.3		
	NA	43	1.8		
	Total	991	42.2		
Total		2348	100.0		



# *Relationship b/w Astrology and Sex Frequency*

## **Existence:**

H0: There is no relationship b/w Astrology and Sex Frequency.

H1: There is a relationship b/w Astrology and Sex Frequency.

$\chi^2 = 15.693$ ,  $df = 6$ ,  $p = 0.015$ , So I reject H0 and support H1.



## **Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.693 <sup>a</sup>	6	.015
Likelihood Ratio	16.052	6	.013
Linear-by-Linear Association	6.400	1	.011
N of Valid Cases	338		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 11.62.



# S/D/N<sub>1</sub>

## STRENGTH:

Cramer’s V= 0.215, which indicates a weak association and prediction power.

## DIRECTION:

N/A, data is Nominal

## NATURE 1:

If “Ever read a horoscope” is known, you can reduce the error predicting the frequency of sex in a year by 21.5%.



## Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	.215	.015
	Cramer's V	.215	.015
N of Valid Cases		338	

NATURE 2:

Looking at the crosstabulation, we see the modal amount of sex in a year for both answers of horoscope readings is “Not at all”, ranging from 15.9% answering “Yes” to 32.1% answering “No”. From this, we can gather that you are at least somewhat more likely to have sex at least once in a year if you read horoscopes or personal astrology. For those who do NOT read these charts, this “Not at all” category is their modal. However, for those who DO read these charts, their modal category is “2-3 Times a Month” at 19.9%. The only category in which no chart readings had a higher percentage than those who do read astrology was the “Weekly” category at 14.4% vs. the 10.6% for the “Yeses”.



Frequency of sex during last year * Ever read a horoscope or Personal astrology report					
Crosstabulation					
			Ever read a horoscope or Personal astrology report		
			Yes	No	Total
Frequency of sex during last year	NOT AT ALL	Count	24	60	84
		% within Ever read a horoscope or Personal astrology report	15.9%	32.1%	24.9%
	ONCE OR TWICE	Count	20	20	40
		% within Ever read a horoscope or Personal astrology report	13.2%	10.7%	11.8%
	ONCE A MONTH	Count	21	17	38
		% within Ever read a horoscope or Personal astrology report	13.9%	9.1%	11.2%
	2-3 TIMES A MONTH	Count	30	30	60
		% within Ever read a horoscope or Personal astrology report	19.9%	16.0%	17.8%
	WEEKLY	Count	16	27	43
		% within Ever read a horoscope or Personal astrology report	10.6%	14.4%	12.7%
	2-3 PER WEEK	Count	26	21	47
		% within Ever read a horoscope or Personal astrology report	17.2%	11.2%	13.9%
	4+ PER WEEK	Count	14	12	26
		% within Ever read a horoscope or Personal astrology report	9.3%	6.4%	7.7%
Total	Count	151	187	338	
	% within Ever read a horoscope or Personal astrology report	100.0%	100.0%	100.0%	