

The FREQ Procedure

Table of TRT by GENDER			
TRT(Whether the student ran or sat)	GENDER(Gender)		
	Male	Female	Total
Ran	22 20.75 50.00 38.60	22 20.75 50.00 44.90	44 41.51
Sat	35 33.02 56.45 61.40	27 25.47 43.55 55.10	62 58.49
Total	57 53.77	49 46.23	106 100.00

Frequency
Percent
Row Pct
Col Pct

Statistics for Table of TRT by GENDER

Statistic	DF	Value	Prob
Chi-Square	1	0.4309	0.5115
Likelihood Ratio Chi-Square	1	0.4308	0.5116
Continuity Adj. Chi-Square	1	0.2105	0.6464
Mantel-Haenszel Chi-Square	1	0.4269	0.5135
Phi Coefficient		-0.0638	
Contingency Coefficient		0.0636	
Cramer's V		-0.0638	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	22
Left-sided Pr <= F	0.3231
Right-sided Pr >= F	0.8035
Table Probability (P)	0.1266
Two-sided Pr <= P	0.5568

Sample Size = 106

The FREQ Procedure

Table of TRT by SMOKES			
TRT(Whether the student ran or sat)	SMOKES(Regular smoker?)		
	Yes	No	Total
Ran	3 2.83 6.82 27.27	41 38.68 93.18 43.16	44 41.51
Sat	8 7.55 12.90 72.73	54 50.94 87.10 56.84	62 58.49
Total	11 10.38	95 89.62	106 100.00

Frequency
Percent
Row Pct
Col Pct

Statistics for Table of TRT by SMOKES

Statistic	DF	Value	Prob
Chi-Square	1	1.0246	0.3114
Likelihood Ratio Chi-Square	1	1.0714	0.3006
Continuity Adj. Chi-Square	1	0.4748	0.4908
Mantel-Haenszel Chi-Square	1	1.0150	0.3137
Phi Coefficient		-0.0983	
Contingency Coefficient		0.0978	
Cramer's V		-0.0983	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	3
Left-sided Pr <= F	0.2490
Right-sided Pr >= F	0.9121
Table Probability (P)	0.1611
Two-sided Pr <= P	0.3554

Sample Size = 106

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of TRT by ALCOHOL		
	TRT(Whether the student ran or sat)	ALCOHOL(Regular drinker?)	
		Yes	No
Ran	30 28.30 68.18 45.45	14 13.21 31.82 35.00	44 41.51
Sat	36 33.96 58.06 54.55	26 24.53 41.94 65.00	62 58.49
Total	66 62.26	40 37.74	106 100.00

Statistics for Table of TRT by ALCOHOL

Statistic	DF	Value	Prob
Chi-Square	1	1.1212	0.2897
Likelihood Ratio Chi-Square	1	1.1308	0.2876
Continuity Adj. Chi-Square	1	0.7319	0.3923
Mantel-Haenszel Chi-Square	1	1.1106	0.2920
Phi Coefficient		0.1028	
Contingency Coefficient		0.1023	
Cramer's V		0.1028	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	30
Left-sided Pr <= F	0.8970
Right-sided Pr >= F	0.1964
Table Probability (P)	0.0934
Two-sided Pr <= P	0.3160

Sample Size = 106

The FREQ Procedure

Table of TRT by EXERCISE				
TRT(Whether the student ran or sat)	EXERCISE(Frequency of exercise)			
	High	Moderate	Low	Total
Ran	7 6.60 15.91 50.00	23 21.70 52.27 41.07	14 13.21 31.82 38.89	44 41.51
Sat	7 6.60 11.29 50.00	33 31.13 53.23 58.93	22 20.75 35.48 61.11	62 58.49
Total	14 13.21	56 52.83	36 33.96	106 100.00

Frequency
Percent
Row Pct
Col Pct

Statistics for Table of TRT by EXERCISE

Statistic	DF	Value	Prob
Chi-Square	2	0.5219	0.7703
Likelihood Ratio Chi-Square	2	0.5166	0.7724
Mantel-Haenszel Chi-Square	1	0.4082	0.5229
Phi Coefficient		0.0702	
Contingency Coefficient		0.0700	
Cramer's V		0.0702	

Fisher's Exact Test	
Table Probability (P)	0.0301
Pr <= P	0.7906

Sample Size = 106

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of GENDER by BinaryWT		
	GENDER(Gender)	BinaryWT(Binary Weight)	
		87kg or Below	More than 87kg
Male	48 45.28 84.21 49.48	9 8.49 15.79 100.00	57 53.77
Female	49 46.23 100.00 50.52	0 0.00 0.00 0.00	49 46.23
Total	97 91.51	9 8.49	106 100.00

Statistics for Table of GENDER by BinaryWT

Statistic	DF	Value	Prob
Chi-Square	1	8.4547	0.0036
Likelihood Ratio Chi-Square	1	11.8826	0.0006
Continuity Adj. Chi-Square	1	6.5446	0.0105
Mantel-Haenszel Chi-Square	1	8.3749	0.0038
Phi Coefficient		-0.2824	
Contingency Coefficient		0.2718	
Cramer's V		-0.2824	
WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	48
Left-sided Pr <= F	0.0027
Right-sided Pr >= F	1.0000
Table Probability (P)	0.0027
Two-sided Pr <= P	0.0034

Sample Size = 106

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of GENDER by WTGroups						
GENDER(Gender)	WTGroups(Weight Categories)					Total
	55kg or Below	(55kg, 60kg]	(60kg, 67kg]	(67kg, 79kg]	More than 79kg	
Male	1	11	9	16	20	57
	0.94	10.38	8.49	15.09	18.87	53.77
	1.75	19.30	15.79	28.07	35.09	
	4.35	42.31	56.25	76.19	100.00	
Female	22	15	7	5	0	49
	20.75	14.15	6.60	4.72	0.00	46.23
	44.90	30.61	14.29	10.20	0.00	
	95.65	57.69	43.75	23.81	0.00	
Total	23	26	16	21	20	106
	21.70	24.53	15.09	19.81	18.87	100.00

Statistics for Table of GENDER by WTGroups

Statistic	DF	Value	Prob
Chi-Square	4	45.4563	<.0001
Likelihood Ratio Chi-Square	4	57.7074	<.0001
Mantel-Haenszel Chi-Square	1	43.7659	<.0001
Phi Coefficient		0.6549	
Contingency Coefficient		0.5478	
Cramer's V		0.6549	

Fisher's Exact Test	
Table Probability (P)	<.0001
Pr <= P	<.0001

Sample Size = 106