

Waist Circumference (cm) ▾	AHI (Continuous) ▾↑		AHI (1)	AHI (0)	p-value
97	0		93	97	3.59169E-05
95	0		93	95	
80	0		93	80	
78	0		93	78	
87	0		93	87	
92	0		93	92	
78	0		93	78	
107	0		93	107	
87	0		93	87	
81	0		93	81	
97	0		93	97	
86	0		93	86	
135	0		93	135	
73	0		93	73	
76	0		93	76	
86	0		93	86	
89	0		93	89	
79	0		93	79	
78	0		93	78	
83.82	0		93	83.82	
98	0		93	98	
80	0		93	80	
97	0		93	97	
80	0		93	80	
99	0		93	99	
85	0		93	85	
74.93	0		93	74.93	

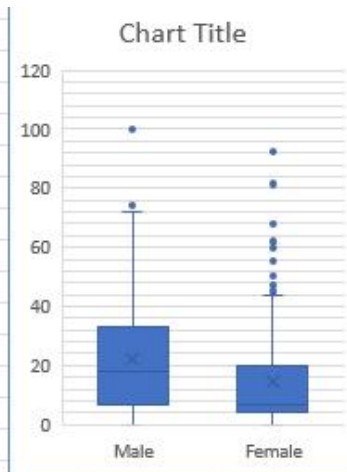
Age	AHI continuous	AHI (1)	AHI (0)	p-value	0.277266
89	0	72	89	Coefficient r	
77	0	62	77	N	
65	0	63	65	T statistic	
57	0	73	57	DF	
82	0	66	82	p-value	
55	0	63	55		
80	0	76	80		
57	0	79	57		
41	0	74	41		
83	0	60	83		
71	0	74	71		
58	0	58	58		
78	0	62	78		
60	0	80	60		
40	0	59	40		
71	0	67	71		
57	0	78	57		
79	0	61	79		
69	0	67	69		
62	0	55	62		
67	0	76	67		
46	0	73	46		
71	0	71	71		
60	0	57	60		
66	0	55	66		
63	0	75	63		
46	0	65	46		

BMI	AHI yes(1) or no(0)	AHI (1)	AHI (0)	p-value	0.002116
24.2048407	0	26.85811	24.20484		
25.2636153	0	25.07813	25.26362		
24.4628099	0	27.86595	24.46281		
25.4912764	0	23.64204	25.49128		
25.8796691	0	20.91617	25.87967		
28.5294893	0	32.23594	28.52949		
19.5472613	0	30.4878	19.54726		
29.5954789	0	27.39875	29.59548		
24.4177696	0	29.73811	24.41777		
24.6770213	0	24.31405	24.67702		
25.854109	0	24.16095	25.85411		
24.4472789	0	25.335	24.44728		
25.9781246	0	26.5118	25.97812		
22.2527054	0	23.35374	22.25271		
20.8085612	0	24.8833	20.80856		
21.110399	0	24.641	21.1104		
27.6094518	0	25.3422	27.60945		
23.6004162	0	28.92622	23.60042		
23.1533408	0	21.49121	23.15334		
26.1547305	0	31.95862	26.15473		
28.8008834	0	29.75918	28.80088		
23.125	0	33.16776	23.125		
26.2079598	0	27.69955	26.20796		
21.8299522	0	26.74013	21.82995		
25.802042	0	24.39106	25.80204		
22.9130331	0	28.91638	22.91303		
24.9324813	0	30.29943	24.93248		

		Pivot table																				
X ²	53.91521	Count of id	Column Labels																			
df	36	Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
p-value	0.027876	Current	12	22	3	10	2		1	1	3			2		1			1		1	59
		Former	65	91	16	51	23	12	20	20	12	14	5	5	6	4	1				1	346
rows	3	Never	90	96	15	45	32	20	20	16	15	9	6	2	3	4	1	1			1	376
columns	19	Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
		Observed																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
		Current	12	22	3	10	2		1	1	3			2		1			1		1	59
		Former	65	91	16	51	23	12	20	20	12	14	5	5	6	4	1				1	346
		Never	90	96	15	45	32	20	20	16	15	9	6	2	3	4	1	1			1	376
		Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
		Expected																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		Current	12.61587708	16	2.57	8.01	4.31	2.42	3.1	2.8	2.27	1.74	0.83	0.68	0.68	0.68	0.15	0.08	0.08	0.15	0.076	
		Former	73.98463508	93	15.1	47	25.3	14.2	18.2	16.4	13.3	10.2	4.87	3.99	3.99	3.99	0.89	0.44	0.44	0.89	0.443	
		Never	80.39948784	101	16.4	51	27.4	15.4	19.7	17.8	14.4	11.1	5.3	4.33	4.33	4.33	0.96	0.48	0.48	0.96	0.481	
		(O-E)²/E																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		Current	0.030065653	2.4	0.07	0.5	1.23	2.42	1.42	1.15	0.24	1.74	0.83	2.56	0.68	0.15	0.15	0.08	11.3	0.15	11.31	
		Former	1.091086919	0	0.06	0.35	0.2	0.33	0.19	0.79	0.13	1.42	0	0.26	1.02	0	0.01	0.44	0.44	0.01	0.443	
		Never	1.146398271	0.2	0.11	0.71	0.76	1.37	0	0.18	0.02	0.39	0.09	1.26	0.41	0.03	0	0.56	0.48	0	0.481	

		Pivot Table																				
X ²	15.5001	Count of Id	Column Labels																			
df	18 <th>Row Labels</th> <th>0-5</th> <th>5-10</th> <th>10-15</th> <th>15-20</th> <th>20-25</th> <th>25-30</th> <th>30-35</th> <th>35-40</th> <th>40-45</th> <th>45-50</th> <th>50-55</th> <th>55-60</th> <th>60-65</th> <th>65-70</th> <th>70-75</th> <th>75-80</th> <th>80-85</th> <th>90-95</th> <th>95-100</th> <th>Grand Total</th>	Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
p-value	0.62739	No	147	183	31	95	50	27	40	32	29	20	10	8	8	8	2	1	1	2		694
		Yes	20	26	3	11	7	5	1	5	1	3	1	1	1	1					1	87
rows	2	Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
columns	19	Observed																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
		No	147	183	31	95	50	27	40	32	29	20	10	8	8	8	2	1	1	2		694
		Yes	20	26	3	11	7	5	1	5	1	3	1	1	1	1					1	87
		Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
		Expected																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		No	148.396927	186	30.2	94.2	50.7	28.4	36.4	32.9	26.7	20.4	9.77	8	8	7.997439181	1.78	0.89	0.89	1.78	0.889	
		Yes	18.60307298	23	3.79	11.8	6.35	3.56	4.57	4.12	3.34	2.56	1.23	1	1	1.002560819	0.22	0.11	0.11	0.22	0.111	
		(O-E) ² /E																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		No	0.013149902	0	0.02	0.01	0.01	0.07	0.35	0.02	0.21	0.01	0.01	0	0	8.19987E-07	0.03	0.01	0.01	0.03	0.889	
		Yes	0.104896922	0.3	0.16	0.06	0.07	0.58	2.79	0.19	1.64	0.07	0.04	0	0	6.54105E-06	0.22	0.11	0.11	0.22	7.088	

		Pivot table																				
		Count of Id	Column Labels																			
X^2	37.48777	Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
df	18	No	101	134	20	52	30	19	16	17	12	11	7	6	3	1			1			430
p-value	0.004525	Yes	66	75	14	54	27	13	25	20	18	12	4	3	6	8	2	1		2	1	351
		Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
rows	2																					
columns	19																					
		Observed																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
		No	101	134	20	52	30	19	16	17	12	11	7	6	3	1			1			430
		Yes	66	75	14	54	27	13	25	20	18	12	4	3	6	8	2	1		2	1	351
		Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781
		Expected																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		No	91.94622279	115	18.7	58.4	31.4	17.6	22.6	20.4	16.5	12.7	6.06	4.96	4.96	4.96	1.1	0.55	0.55	1.1	0.551	
		Yes	75.05377721	94	15.3	47.6	25.6	14.4	18.4	16.6	13.5	10.3	4.94	4.04	4.04	4.04	0.9	0.45	0.45	0.9	0.449	
		(O-E)^2/E																				
		Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	
		No	0.891508963	3.1	0.09	0.69	0.06	0.11	1.91	0.56	1.24	0.22	0.15	0.22	0.77	3.16	1.1	0.55	0.37	1.1	0.551	
		Yes	1.092161978	3.8	0.11	0.85	0.07	0.13	2.35	0.68	1.51	0.27	0.18	0.27	0.95	3.87	1.35	0.67	0.45	1.35	0.674	



Observed(O)

Count of Id Column Labels

Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100	Grand Total
Female	120	119	20	42	29	12	12	13	10	9	3	4	4	2			1	2		402
Male	47	90	14	64	28	20	29	24	20	14	8	5	5	7	2	1			1	379
Grand Total	167	209	34	106	57	32	41	37	30	23	11	9	9	9	2	1	1	2	1	781

X2 167.4647659
df 18
p-value 2.8585E-26

Expected (e)

Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100
Female	85.95902689	108	10.3	54.6	29.3	16.5	6.18	19	15.4	11.8	5.66	4.37	4.63	4.63	1.03	0.51	0.51	1.03	0.515
Male	81.04097311	101	16.5	51.4	27.7	15.5	19.9	18	14.6	11.2	5.34	4.37	4.37	4.37	0.97	0.49	0.49	0.49	0.485

rows 2
columns 19

(O-E)^2/E

Row Labels	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	90-95	95-100
Female	13.48069996	1.2	97.6	2.89	0	1.21	5.49	1.92	1.92	0.68	1.25	0.03	0.09	1.5	1.03	0.51	0.46	0.92	0.515
Male	14.29878993	1.3	0.38	3.07	0.01	1.29	4.17	2.04	2.03	0.72	0.5	0.09	0.09	1.59	1.09	0.55	0.49	0.49	0.546