Frequencies

[DataSet1]

Statistics

		Respondent	Age	Gender	Education and level	Faculty or Department
N	Valid	213	213	213	213	213
	Missing	0	0	0	0	0
Mean		107.59				
Std. Error of Mean		4.252				
Median		108.00[a]				
Mode		1[b]				
Std. Deviation		62.052				
Variance		3850.450				
Kurtosis		-1.207				
Std. Error of Kurtosis		.332				
Range		213				
Minimum		1				
Maximum		214				
Sum		22917				
Percentiles	10	21.80[c]				
	20	43.10				
	25	53.75				
	30	64.40				
	40	85.70				
	50	108.00				
	60	129.30				
	70	150.60				
	75	161.25				
	80	171.90				

90	193.20				

Statistics

		Occupation	Do you have a family history of lactose intolerance	Marital status
N	Valid	213	213	213
	Missing	0	0	0
Mean				
Std. Error of Mean				
Median				
Mode				
Std. Deviation				
Variance				
Kurtosis				
Std. Error of Kurtosis				
Range				
Minimum				
Maximum				
Sum				
Percentiles	10			
	20			
	25			
	30			
	40			
	50			
	60			
	70			
	75			
	80			
	90			

a. Calculated from grouped data.

b. Multiple modes exist. The smallest value is shown

c. Percentiles are calculated from grouped data.

Frequency Table

Respondent

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	.5	.5	.5
	2	1	.5	.5	.9
	3	1	.5	.5	1.4
	4	1	.5	.5	1.9
	5	1	.5	.5	2.3
	6	1	.5	.5	2.8
	7	1	.5	.5	3.3
	8	1	.5	.5	3.8
	9	1	.5	.5	4.2
	10	1	.5	.5	4.7
	11	1	.5	.5	5.2
	12	1	.5	.5	5.6
	13	1	.5	.5	6.1
	14	1	.5	.5	6.6
	15	1	.5	.5	7.0
	16	1	.5	.5	7.5
	17	1	.5	.5	8.0
	18	1	.5	.5	8.5
	19	1	.5	.5	8.9
	20	1	.5	.5	9.4
	21	1	.5	.5	9.9
	22	1	.5	.5	10.3
	23	1	.5	.5	10.8
	24	1	.5	.5	11.3
	25	1	.5	.5	11.7
	26	1	.5	.5	12.2
	27	1	.5	.5	12.7
	28	1	.5	.5	13.1
	29	1	.5	.5	13.6
	30	1	.5	.5	14.1
	31	1	.5	.5	14.6
	32	1	.5	.5	15.0

	33	1	.5	.5	15.5
	34	1	.5	.5	16.0
	35	1	.5	.5	16.4
	36	1	.5	.5	16.9
	37	1	.5	.5	17.4
	38	1	.5	.5	17.8
	39	1	.5	.5	18.3
	40	1	.5	.5	18.8
	41	1	.5	.5	19.2
	42	1	.5	.5	19.7
	43	1	.5	.5	20.2
	44	1	.5	.5	20.7
	45	1	.5	.5	21.1
	46	1	.5	.5	21.6
	47	1	.5	.5	22.1
	48	1	.5	.5	22.5
	49	1	.5	.5	23.0
	50	1	.5	.5	23.5
	51	1	.5	.5	23.9
	52	1	.5	.5	24.4
	53	1	.5	.5	24.9
	54	1	.5	.5	25.4
	55	1	.5	.5	25.8
	56	1	.5	.5	26.3
	57	1	.5	.5	26.8
	58	1	.5	.5	27.2
	59	1	.5	.5	27.7
	60	1	.5	.5	28.2
	61	1	.5	.5	28.6
	62	1	.5	.5	29.1
	63	1	.5	.5	29.6
	64	1	.5	.5	30.0
	65	1	.5	.5	30.5
	66	1	.5	.5	31.0
	67	1	.5	.5	31.5
	68	1	.5	.5	31.9
	69	1	.5	.5	32.4
	70	1	.5	.5	32.9

	71	1	.5	.5	33.3
	72	1	.5	.5	33.8
	73	1	.5	.5	34.3
	74	1	.5	.5	34.7
	75	1	.5	.5	35.2
	76	1	.5	.5	35.7
	77	1	.5	.5	36.2
	78	1	.5	.5	36.6
	79	1	.5	.5	37.1
	80	1	.5	.5	37.6
	81	1	.5	.5	38.0
	82	1	.5	.5	38.5
	83	1	.5	.5	39.0
	84	1	.5	.5	39.4
	85	1	.5	.5	39.9
	86	1	.5	.5	40.4
	87	1	.5	.5	40.8
	89	1	.5	.5	41.3
	90	1	.5	.5	41.8
	91	1	.5	.5	42.3
	92	1	.5	.5	42.7
	93	1	.5	.5	43.2
	94	1	.5	.5	43.7
	95	1	.5	.5	44.1
	96	1	.5	.5	44.6
	97	1	.5	.5	45.1
	98	1	.5	.5	45.5
	99	1	.5	.5	46.0
	100	1	.5	.5	46.5
	101	1	.5	.5	46.9
	102	1	.5	.5	47.4
	103	1	.5	.5	47.9
	104	1	.5	.5	48.4
	105	1	.5	.5	48.8
	106	1	.5	.5	49.3
	107	1	.5	.5	49.8
	108	1	.5	.5	50.2
	109	1	.5	.5	50.7

	110	1	.5	.5	51.2
	111	1	.5	.5	51.6
	112	1	.5	.5	52.1
	113	1	.5	.5	52.6
	114	1	.5	.5	53.1
	115	1	.5	.5	53.5
	116	1	.5	.5	54.0
	117	1	.5	.5	54.5
	118	1	.5	.5	54.9
	119	1	.5	.5	55.4
	120	1	.5	.5	55.9
	121	1	.5	.5	56.3
	122	1	.5	.5	56.8
	123	1	.5	.5	57.3
	124	1	.5	.5	57.7
	125	1	.5	.5	58.2
	126	1	.5	.5	58.7
	127	1	.5	.5	59.2
	128	1	.5	.5	59.6
	129	1	.5	.5	60.1
	130	1	.5	.5	60.6
	131	1	.5	.5	61.0
	132	1	.5	.5	61.5
	133	1	.5	.5	62.0
	134	1	.5	.5	62.4
	135	1	.5	.5	62.9
	136	1	.5	.5	63.4
	137	1	.5	.5	63.8
	138	1	.5	.5	64.3
	139	1	.5	.5	64.8
	140	1	.5	.5	65.3
	141	1	.5	.5	65.7
	142	1	.5	.5	66.2
	143	1	.5	.5	66.7
	144	1	.5	.5	67.1
	145	1	.5	.5	67.6
	146	1	.5	.5	68.1
	147	1	.5	.5	68.5

	148	1	.5	.5	69.0
	149	1	.5	.5	69.5
	150	1	.5	.5	70.0
	151	1	.5	.5	70.4
	152	1	.5	.5	70.9
	153	1	.5	.5	71.4
	154	1	.5	.5	71.8
	155	1	.5	.5	72.3
	156	1	.5	.5	72.8
	157	1	.5	.5	73.2
	158	1	.5	.5	73.7
	159	1	.5	.5	74.2
	160	1	.5	.5	74.6
	161	1	.5	.5	75.1
	162	1	.5	.5	75.6
	163	1	.5	.5	76.1
	164	1	.5	.5	76.5
	165	1	.5	.5	77.0
	166	1	.5	.5	77.5
	167	1	.5	.5	77.9
	168	1	.5	.5	78.4
	169	1	.5	.5	78.9
	170	1	.5	.5	79.3
	171	1	.5	.5	79.8
	172	1	.5	.5	80.3
	173	1	.5	.5	80.8
	174	1	.5	.5	81.2
	175	1	.5	.5	81.7
	176	1	.5	.5	82.2
	177	1	.5	.5	82.6
	178	1	.5	.5	83.1
	179	1	.5	.5	83.6
	180	1	.5	.5	84.0
	181	1	.5	.5	84.5
	182	1	.5	.5	85.0
	183	1	.5	.5	85.4
	184	1	.5	.5	85.9
	185	1	.5	.5	86.4

	186	1	.5	.5	86.9
	187	1	.5	.5	87.3
	188	1	.5	.5	87.8
	189	1	.5	.5	88.3
	190	1	.5	.5	88.7
	191	1	.5	.5	89.2
	192	1	.5	.5	89.7
	193	1	.5	.5	90.1
	194	1	.5	.5	90.6
	195	1	.5	.5	91.1
	196	1	.5	.5	91.5
	197	1	.5	.5	92.0
	198	1	.5	.5	92.5
	199	1	.5	.5	93.0
	200	1	.5	.5	93.4
	201	1	.5	.5	93.9
	202	1	.5	.5	94.4
	203	1	.5	.5	94.8
	204	1	.5	.5	95.3
	205	1	.5	.5	95.8
	206	1	.5	.5	96.2
	207	1	.5	.5	96.7
	208	1	.5	.5	97.2
	209	1	.5	.5	97.7
	210	1	.5	.5	98.1
	211	1	.5	.5	98.6
	212	1	.5	.5	99.1
	213	1	.5	.5	99.5
	214	1	.5	.5	100.0
	Total	213	100.0	100.0	

Age

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18	24	11.3	11.3	11.3
	18-30	122	57.3	57.3	68.5

	31-30	1	.5	.5	69.0
	31-40	57	26.8	26.8	95.8
	40-50	8	3.8	3.8	99.5
	50	1	.5	.5	100.0
	Total	213	100.0	100.0	

Gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Female	76	35.7	35.7	35.7
	Male	137	64.3	64.3	100.0
	Total	213	100.0	100.0	

Education and level

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Bachelor's Degree	31	14.6	14.6	14.6
	Diploma	11	5.2	5.2	19.7
	Hnd	21	9.9	9.9	29.6
	Master's Degree	17	8.0	8.0	37.6
	None	27	12.7	12.7	50.2
	Secondary	1	.5	.5	50.7
	Tertiary	105	49.3	49.3	100.0
	Total	213	100.0	100.0	

Faculty or Department

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Procurement and supply	1	.5	.5	.5
	Applied Maths	1	.5	.5	.9
	Biomedical Lab	1	.5	.5	1.4
	Civil Engineering	3	1.4	1.4	2.8
	Computer Networking	3	1.4	1.4	4.2
	Computer Science	33	15.5	15.5	19.7

	Electrical Engineering	9	4.2	4.2	23.9
	Engineering	2	.9	.9	24.9
	Faculty of Applied Science and TechNology	26	12.2	12.2	37.1
	Faculty of Applied Science and TechNology and TechNology TechNology	1	.5	.5	37.6
	Faculty of Applied Science and TechNology and TechNology TechNology TechNology and TechNology	20	9.4	9.4	46.9
	Faculty of Engineering	14	6.6	6.6	53.5
	Faculty of health and allied Science	4	1.9	1.9	55.4
	FAPSAG	4	1.9	1.9	57.3
	Fashion and textures	2	.9	.9	58.2
	FASPSAG	1	.5	.5	58.7
	FBMS	19	8.9	8.9	67.6
	FBNE	8	3.8	3.8	71.4
	Food and Post harvest TechNology	21	9.9	9.9	81.2
	Graphic Design	1	.5	.5	81.7
	Hnd	1	.5	.5	82.2
	Institute of Distance learning	1	.5	.5	82.6
	Marketing	6	2.8	2.8	85.4
	Medical laboratory Science	9	4.2	4.2	89.7
	None	15	7.0	7.0	96.7
	Post harvest TechNology	2	.9	.9	97.7
	Procurement and supply chain	1	.5	.5	98.1
	Secretaryship and Management	4	1.9	1.9	100.0
	Total	213	100.0	100.0	

Occupation

	Frequency	Percent	Valid Percent	Cumulative Percent

Valid	Academic	1	.5	.5	.5
	Accountant	1	.5	.5	.9
	Aministrator	1	.5	.5	1.4
	Bussiness man	1	.5	.5	1.9
	Civil Servant	1	.5	.5	2.3
	Doctor	1	.5	.5	2.8
	Driver	1	.5	.5	3.3
	Electrician	5	2.3	2.3	5.6
	Employed	1	.5	.5	6.1
	Full stack developer	1	.5	.5	6.6
	IT Programmer	1	.5	.5	7.0
	IT Technician	2	.9	.9	8.0
	Lecture	2	.9	.9	8.9
	Lecturer	2	.9	.9	9.9
	Nationa Service personnel	1	.5	.5	10.3
	None	12	5.6	5.6	16.0
	Radio Presenter	1	.5	.5	16.4
	Safety officer	1	.5	.5	16.9
	Sale Peron	1	.5	.5	17.4
	Self employed	1	.5	.5	17.8
	Senior lab Technician	1	.5	.5	18.3
	SeNoir lab Technician	1	.5	.5	18.8
	Student	152	71.4	71.4	90.1
	Teacher Assitant	1	.5	.5	90.6
	Trader	5	2.3	2.3	93.0
	Unemployed	15	7.0	7.0	100.0
	Total	213	100.0	100.0	

Do you have a family history of lactose intolerance

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	116	54.5	54.5	54.5
	None	14	6.6	6.6	61.0
	Not sure	39	18.3	18.3	79.3
	Yes	44	20.7	20.7	100.0
	Total	213	100.0	100.0	

Marital status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Divorced	4	1.9	1.9	1.9
	Married	24	11.3	11.3	13.1
	No	2	.9	.9	14.1
	Singer	1	.5	.5	14.6
	single	52	24.4	24.4	39.0
	Single	129	60.6	60.6	99.5
	Widower	1	.5	.5	100.0
	Total	213	100.0	100.0	

```
EXAMINE VARIABLES=Respondent BY Age Gender FacultyorDepartment Occupation
    Doyouhaveafamilyhistoryoflactoseintolerance
  /ID=Maritalstatus
  /PLOT BOXPLOT STEMLEAF SPREADLEVEL
  /COMPARE GROUPS
  /MESTIMATORS HUBER(1.339) ANDREW(1.34) HAMPEL(1.7,3.4,8.5) TUKEY(4.685)
  /PERCENTILES(5,10,25,50,75,90,95) HAVERAGE
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Statistics Table (Respondent, Gender, Age, Education and level, Faculty or Department): This table presents descriptive statistics for several variables. It shows that there are 213 valid cases and 0 missing cases for 'Respondent', 'Gender', 'Age', 'Education and level', and 'Faculty or Department'. For the 'Respondent' variable, the mean is 107.59, the median is 108.00, the mode is 1, the standard deviation is 62.052, and the variance is 3850.450. It also includes kurtosis, standard error of kurtosis, range, minimum, maximum, sum, and percentiles (10th and 20th) for 'Respondent'.

Explore

Age

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Age	N	Percent	N	Percent	N	Percent
Respondent	18	24	100.0%	0	0.0%	24	100.0%
	18-30	122	100.0%	0	0.0%	122	100.0%
	31-30	1	100.0%	0	0.0%	1	100.0%
	31-40	57	100.0%	0	0.0%	57	100.0%
	40-50	8	100.0%	0	0.0%	8	100.0%
	50	1	100.0%	0	0.0%	1	100.0%

Descriptives[a,b]

	Age			Statistic	Std. Error
Respondent	18	Mean		104.75	9.806
		95% Confidence Interval for Mean	Lower Bound	84.46	
			Upper Bound	125.04	
		5% Trimmed Mean		101.87	
		Median		126.50	
		Variance		2307.761	
		Std. Deviation		48.039	
		Minimum		47	
		Maximum		214	
		Range		167	
		Interquartile Range		73	
		Skewness		.646	.472
		Kurtosis		-.171	.918
	18-30	Mean		106.55	5.228
		95% Confidence Interval for Mean	Lower Bound	96.20	
			Upper Bound	116.90	
		5% Trimmed Mean		106.30	
		Median		110.50	
		Variance		3334.465	
		Std. Deviation		57.745	
		Minimum		3	
		Maximum		213	
		Range		210	
		Interquartile Range		100	

		Skewness	-.158	.219
		Kurtosis	-.895	.435
	31-40	Mean	118.39	9.811
		95% Confidence Interval for Mean — Lower Bound	98.73	
		95% Confidence Interval for Mean — Upper Bound	138.04	
		5% Trimmed Mean	120.05	
		Median	174.00	
		Variance	5487.134	
		Std. Deviation	74.075	
		Minimum	1	
		Maximum	202	
		Range	201	
		Interquartile Range	149	
		Skewness	-.203	.316
		Kurtosis	-1.767	.623
	40-50	Mean	55.63	8.113
		95% Confidence Interval for Mean — Lower Bound	36.44	
		95% Confidence Interval for Mean — Upper Bound	74.81	
		5% Trimmed Mean	57.81	
		Median	66.50	
		Variance	526.554	
		Std. Deviation	22.947	
		Minimum	2	
		Maximum	70	
		Range	68	
		Interquartile Range	18	
		Skewness	-2.278	.752
		Kurtosis	5.483	1.481

a. Respondent is constant when Age = 31-30. It has been omitted.

b. Respondent is constant when Age = 50. It has been omitted.

This table continues the descriptive statistics for 'Occupation', 'Do you have a family history of lactose intolerance', and 'Marital status'. Similar to the previous table, it shows 213 valid cases and 0 missing cases for these variables. However, all statistical measures (Mean, Std. Error of Mean, Median, Mode, Std. Deviation, Variance, Kurtosis, Std. Error of Kurtosis, Range, Minimum, Maximum, Sum, Percentiles) are empty for these variables. This could be related to the warning about string variable truncation for 'Occupation'.

M-Estimators[e,f]

	Age	Huber's M-Estimator[a]	Tukey's Biweight[b]	Hampel's M-Estimator[c]	Andrews' Wave[d]
Respondent	18	102.69	103.19	104.59	103.19
	18-30	110.01	108.87	107.15	108.87
	31-40	146.53	183.00	145.69	184.03
	40-50	65.55	68.00	66.59	68.00

a. The weighting constant is 1.339.

b. The weighting constant is 4.685.

c. The weighting constants are 1.700, 3.400, and 8.500

d. The weighting constant is 1.340*pi.

e. Respondent is constant when Age = 31-30. It has been omitted.

f. Respondent is constant when Age = 50. It has been omitted.

Percentiles[a,b]

			Percentiles			
		Age	5	10	25	50
Weighted Average(Definition 1)	Respondent	18	49.25	56.50	60.25	126.50
		18-30	12.15	19.60	52.25	110.50
		31-40	8.90	18.80	39.50	174.00
		40-50	2.00	2.00	51.25	66.50
Tukey's Hinges	Respondent	18			60.50	126.50
		18-30			53.00	110.50
		31-40			40.00	174.00
		40-50			51.50	66.50

Percentiles[a,b]

			Percentiles		
		Age	75	90	95
Weighted Average(Definition 1)	Respondent	18	132.75	171.50	212.25
		18-30	152.25	170.70	207.55
		31-40	188.50	197.20	200.10
		40-50	68.75	.	.
Tukey's Hinges	Respondent	18	132.50		
		18-30	152.00		
		31-40	188.00		

			40-50	68.50	

a. Respondent is constant when Age = 31-30. It has been omitted.

b. Respondent is constant when Age = 50. It has been omitted.

Extreme Values[a,b,c]

	Age			Case Number	Marital status	Value
Respondent	18	Highest	1	213	Single	214
			2	206	Single	207
			3	135	Divorced	136
			4	134	Single	135
			5	133	Married	134
		Lowest	1	47	Single	47
			2	56	Single	56
			3	57	Single	57
			4	58	Single	58
			5	59	Single	59
	18-30	Highest	1	212	Single	213
			2	211	Single	212
			3	210	Single	211
			4	209	Single	210
			5	208	Single	209
		Lowest	1	3	Single	3
			2	4	Single	4
			3	6	Single	6
			4	7	Single	7
			5	11	Single	11
	31-40	Highest	1	201	Single	202
			2	200	Single	201
			3	199	Single	200
			4	198	Single	199
			5	197	Single	198
		Lowest	1	1	Single	1
			2	8	Single	8
			3	9	Single	9
			4	10	Single	10
			5	14	Single	14

	40-50	Highest	1	70	Married	70
			2	69	Single	69
			3	68	single	68
			4	67	single	67
		Lowest	1	2	Married	2
			2	51	Married	51
			3	52	Single	52
			4	66	single	66

a. Respondent is constant when Age = 31-30. It has been omitted.

b. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

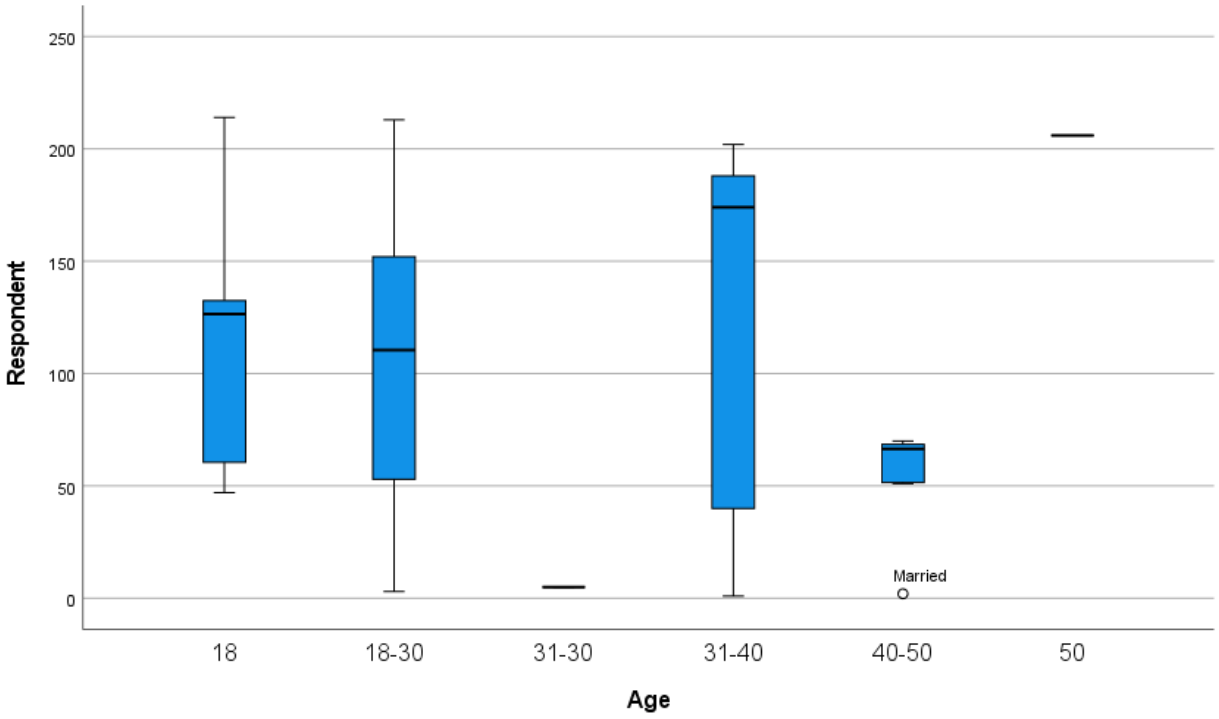
c. Respondent is constant when Age = 50. It has been omitted.

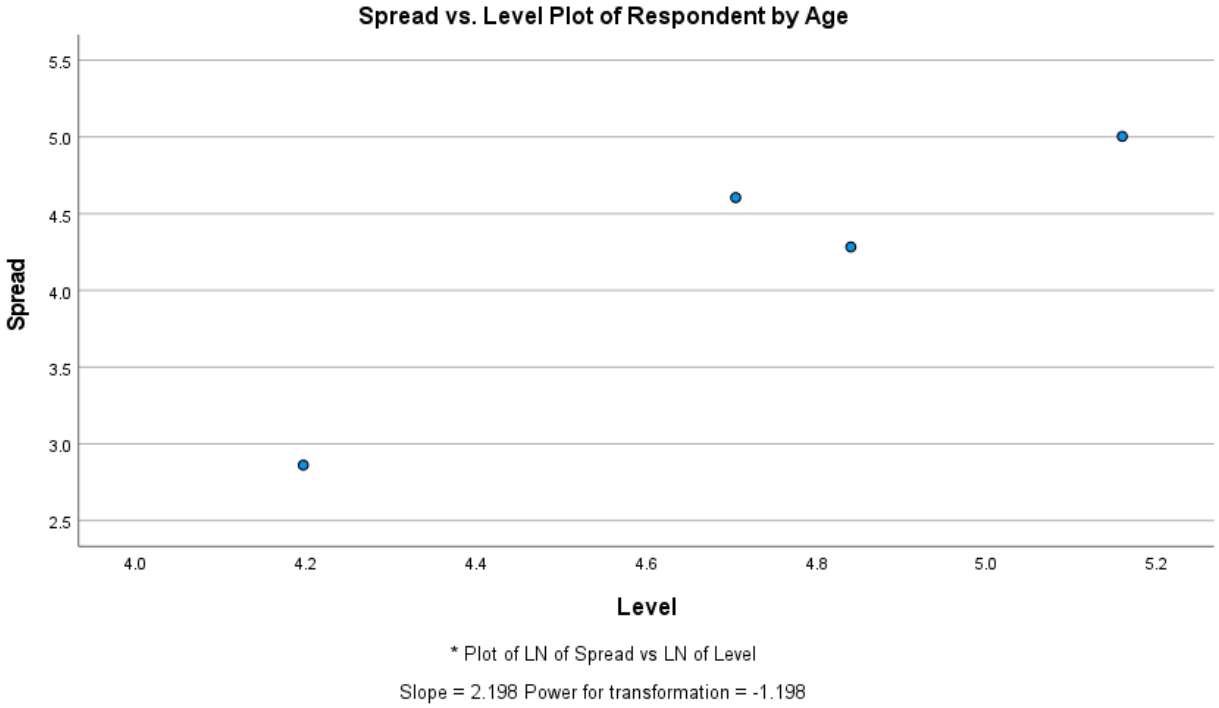
Test of Homogeneity of Variance[a,b]

		Levene Statistic	df1	df2	Sig.
Respondent	Based on Mean	15.148	3	207	.000
	Based on Median	6.855	3	207	.000
	Based on Median and with adjusted df	6.855	3	145.537	.000
	Based on trimmed mean	15.190	3	207	.000

a. Respondent is constant when Age = 31-30. It has been omitted.

b. Respondent is constant when Age = 50. It has been omitted.





* Plot of LN of Spread vs LN of Level

Slope = 2.198 Power for transformation = -1.198

Gender

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Gender	N	Percent	N	Percent	N	Percent
Respondent	Female	76	100.0%	0	0.0%	76	100.0%
	Male	137	100.0%	0	0.0%	137	100.0%

Descriptives

	Gender			Statistic	Std. Error
Respondent	Female	Mean		101.63	4.604
		95% Confidence Interval for Mean	Lower Bound	92.46	
			Upper Bound	110.80	
		5% Trimmed Mean		97.92	
		Median		94.50	
		Variance		1610.982	
		Std. Deviation		40.137	
		Minimum		56	
		Maximum		214	
		Range		158	
		Interquartile Range		40	
		Skewness		1.719	.276
		Kurtosis		2.702	.545
	Male	Mean		110.90	6.091
		95% Confidence Interval for Mean	Lower Bound	98.85	
			Upper Bound	122.94	
		5% Trimmed Mean		111.66	
		Median		139.00	
		Variance		5082.901	
		Std. Deviation		71.294	
		Minimum		1	
		Maximum		207	
		Range		206	

	Interquartile Range	139	
	Skewness	-.268	.207
	Kurtosis	-1.623	.411

M-Estimators

	Gender	Huber's M-Estimator[a]	Tukey's Biweight[b]	Hampel's M-Estimator[c]	Andrews' Wave[d]
Respondent	Female	94.21	90.58	92.24	90.58
	Male	116.40	115.57	112.09	115.59

a. The weighting constant is 1.339.

b. The weighting constant is 4.685.

c. The weighting constants are 1.700, 3.400, and 8.500

d. The weighting constant is 1.340*pi.

Percentiles

			Percentiles			
		Gender	5	10	25	50
Weighted Average(Definition 1)	Respondent	Female	58.85	62.70	74.25	94.50
		Male	6.90	13.80	34.50	139.00
Tukey's Hinges	Respondent	Female			74.50	94.50
		Male			35.00	139.00

Percentiles

			Percentiles		
		Gender	75	90	95
Weighted Average(Definition 1)	Respondent	Female	113.75	149.90	211.15
		Male	173.50	194.20	201.10
Tukey's Hinges	Respondent	Female	113.50		
		Male	173.00		

Extreme Values

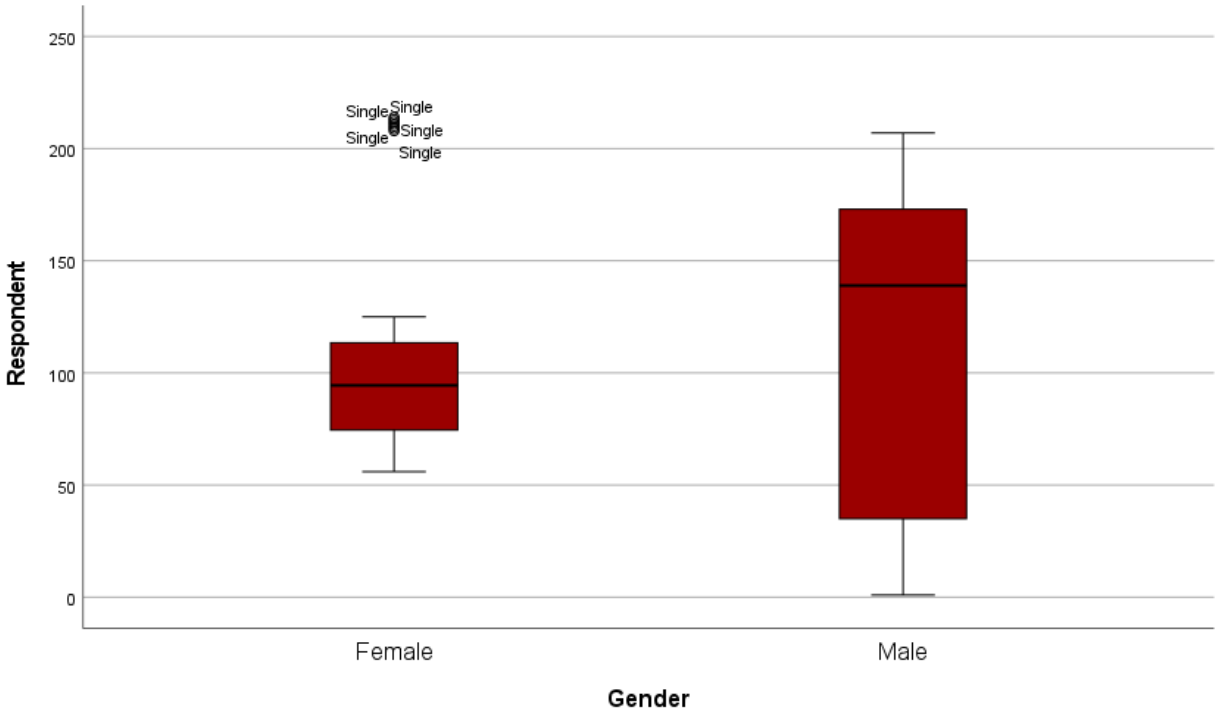
	Gender			Case Number	Marital status	Value
Respondent	Female	Highest	1	213	Single	214
			2	212	Single	213

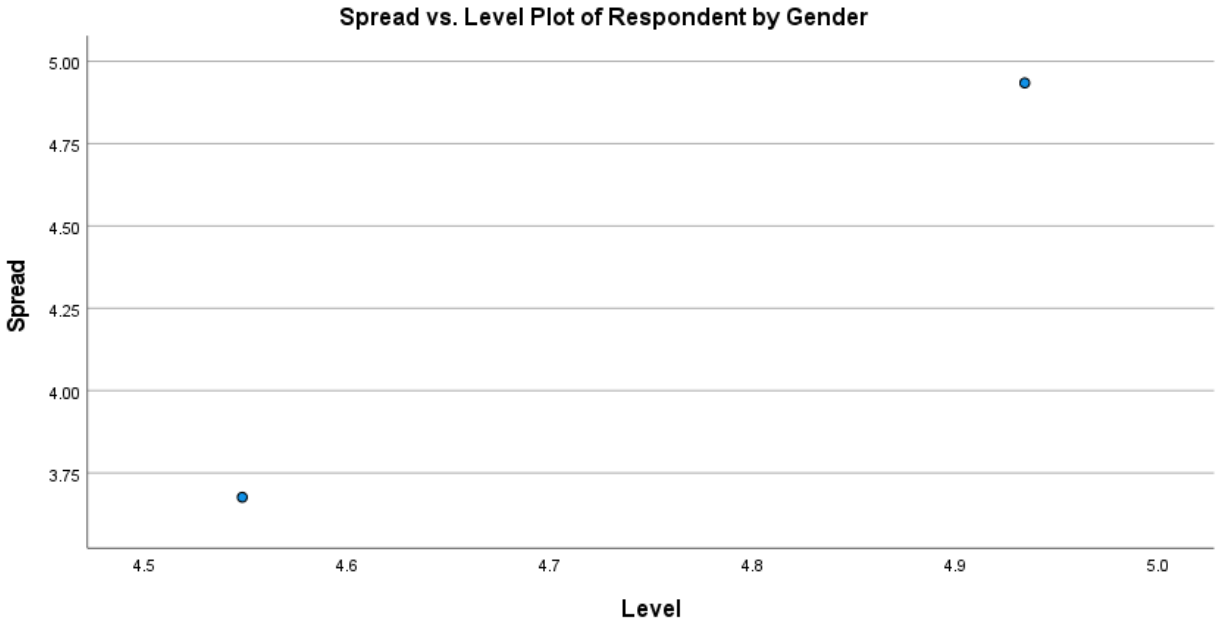
			3	211	Single	212
			4	210	Single	211
			5	209	Single	210
		Lowest	1	56	Single	56
			2	57	Single	57
			3	58	Single	58
			4	59	Single	59
			5	60	Single	60
	Male	Highest	1	206	Single	207
			2	205	Single	206
			3	204	Single	205
			4	203	Single	204
			5	202	Single	203
		Lowest	1	1	Single	1
			2	2	Married	2
			3	3	Single	3
			4	4	Single	4
			5	5	Single	5

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Respondent	Based on Mean	106.214	1	211	.000
	Based on Median	38.388	1	211	.000
	Based on Median and with adjusted df	38.388	1	192.340	.000
	Based on trimmed mean	103.960	1	211	.000

Boxplots





* Plot of LN of Spread vs LN of Level

Slope = 3.261 Power for transformation = -2.261

Faculty or Department

Case Processing Summary

		Cases				
		Valid		Missing		Total
	Faculty or Department	N	Percent	N	Percent	N
Respondent	Procure	1	100.0%	0	0.0%	1
	Applied	1	100.0%	0	0.0%	1
	Biomedic	1	100.0%	0	0.0%	1
	Civil En	3	100.0%	0	0.0%	3
	Computer	36	100.0%	0	0.0%	36
	Electric	9	100.0%	0	0.0%	9
	Engineer	2	100.0%	0	0.0%	2
	Faculty	65	100.0%	0	0.0%	65
	FAPSAG	4	100.0%	0	0.0%	4
	Fashion	2	100.0%	0	0.0%	2
	FASPSAG	1	100.0%	0	0.0%	1
	FBMS	19	100.0%	0	0.0%	19
	FBNE	8	100.0%	0	0.0%	8
	Food and	21	100.0%	0	0.0%	21
	Graphic	1	100.0%	0	0.0%	1
	Hnd	1	100.0%	0	0.0%	1
	Institut	1	100.0%	0	0.0%	1
	Marketin	6	100.0%	0	0.0%	6
	Medical	9	100.0%	0	0.0%	9
	None	15	100.0%	0	0.0%	15
	Post har	2	100.0%	0	0.0%	2
	Procurem	1	100.0%	0	0.0%	1
	Secretar	4	100.0%	0	0.0%	4

Case Processing Summary

		Cases
		Total
	Faculty or Department	Percent
Respondent	Procure	100.0%
	Applied	100.0%

	Biomedic	100.0%
	Civil En	100.0%
	Computer	100.0%
	Electric	100.0%
	Engineer	100.0%
	Faculty	100.0%
	FAPSAG	100.0%
	Fashion	100.0%
	FASPSAG	100.0%
	FBMS	100.0%
	FBNE	100.0%
	Food and	100.0%
	Graphic	100.0%
	Hnd	100.0%
	Institut	100.0%
	Marketin	100.0%
	Medical	100.0%
	None	100.0%
	Post har	100.0%
	Procurem	100.0%
	Secretar	100.0%

Descriptives[a,b,c,d,e,f,g,h]

	Faculty or Department			Statistic	Std. Error
Respondent	Civil En	Mean		137.00	54.556
		95% Confidence Interval for Mean	Lower Bound	-97.73	
			Upper Bound	371.73	
		5% Trimmed Mean		.	
		Median		172.00	
		Variance		8929.000	
		Std. Deviation		94.493	
		Minimum		30	
		Maximum		209	
		Range		179	
		Interquartile Range		.	
		Skewness		-1.438	1.225

	Kurtosis		.	.
Computer	Mean		104.94	12.260
	95% Confidence Interval for Mean	Lower Bound	80.06	
		Upper Bound	129.83	
	5% Trimmed Mean		105.10	
	Median		115.50	
	Variance		5411.140	
	Std. Deviation		73.560	
	Minimum		3	
	Maximum		205	
	Range		202	
	Interquartile Range		145	
	Skewness		.008	.393
	Kurtosis		-1.654	.768
Electric	Mean		165.00	7.821
	95% Confidence Interval for Mean	Lower Bound	146.96	
		Upper Bound	183.04	
	5% Trimmed Mean		165.83	
	Median		178.00	
	Variance		550.500	
	Std. Deviation		23.463	
	Minimum		127	
	Maximum		188	
	Range		61	
	Interquartile Range		44	
	Skewness		-.789	.717
	Kurtosis		-1.361	1.400
Engineer	Mean		36.00	16.000
	95% Confidence Interval for Mean	Lower Bound	-167.30	
		Upper Bound	239.30	
	5% Trimmed Mean		.	
	Median		36.00	
	Variance		512.000	
	Std. Deviation		22.627	
	Minimum		20	
	Maximum		52	
	Range		32	
	Interquartile Range		.	

	Skewness		.	.
	Kurtosis		.	.
Faculty	Mean		116.25	7.563
	95% Confidence Interval for Mean	Lower Bound	101.14	
		Upper Bound	131.36	
	5% Trimmed Mean		117.09	
	Median		134.00	
	Variance		3717.970	
	Std. Deviation		60.975	
	Minimum		6	
	Maximum		214	
	Range		208	
	Interquartile Range		102	
	Skewness		-.411	.297
	Kurtosis		-1.166	.586
FAPSAG	Mean		111.00	33.544
	95% Confidence Interval for Mean	Lower Bound	4.25	
		Upper Bound	217.75	
	5% Trimmed Mean		108.28	
	Median		86.50	
	Variance		4500.667	
	Std. Deviation		67.087	
	Minimum		61	
	Maximum		210	
	Range		149	
	Interquartile Range		112	
	Skewness		1.801	1.014
	Kurtosis		3.455	2.619
Fashion	Mean		49.00	20.000
	95% Confidence Interval for Mean	Lower Bound	-205.12	
		Upper Bound	303.12	
	5% Trimmed Mean		.	
	Median		49.00	
	Variance		800.000	
	Std. Deviation		28.284	
	Minimum		29	
	Maximum		69	
	Range		40	

		Interquartile Range	.	
		Skewness	.	.
		Kurtosis	.	.
	FBMS	Mean	100.37	12.509
		95% Confidence Interval for Mean	Lower Bound	74.09	
			Upper Bound	126.65	
		5% Trimmed Mean	100.46	
		Median	84.00	
		Variance	2972.912	
		Std. Deviation	54.524	
		Minimum	5	
		Maximum	194	
		Range	189	
		Interquartile Range	78	
		Skewness	.300	.524
		Kurtosis	-.813	1.014
	FBNE	Mean	111.25	20.814
		95% Confidence Interval for Mean	Lower Bound	62.03	
			Upper Bound	160.47	
		5% Trimmed Mean	108.61	
		Median	78.00	
		Variance	3465.643	
		Std. Deviation	58.870	
		Minimum	62	
		Maximum	208	
		Range	146	
		Interquartile Range	108	
		Skewness	1.015	.752
		Kurtosis	-.829	1.481
	Food and	Mean	108.67	11.319
		95% Confidence Interval for Mean	Lower Bound	85.06	
			Upper Bound	132.28	
		5% Trimmed Mean	108.13	
		Median	99.00	
		Variance	2690.533	
		Std. Deviation	51.870	
		Minimum	23	
		Maximum	204	

		Range	181	
		Interquartile Range	37	
		Skewness	.525	.501
		Kurtosis	.002	.972
	Marketin	Mean	89.33	10.141
		95% Confidence Interval for Mean — Lower Bound	63.26	
		95% Confidence Interval for Mean — Upper Bound	115.40	
		5% Trimmed Mean	90.15	
		Median	102.50	
		Variance	617.067	
		Std. Deviation	24.841	
		Minimum	55	
		Maximum	109	
		Range	54	
		Interquartile Range	49	
		Skewness	-.940	.845
		Kurtosis	-1.769	1.741
	Medical	Mean	63.00	15.629
		95% Confidence Interval for Mean — Lower Bound	26.96	
		95% Confidence Interval for Mean — Upper Bound	99.04	
		5% Trimmed Mean	62.50	
		Median	45.00	
		Variance	2198.500	
		Std. Deviation	46.888	
		Minimum	9	
		Maximum	126	
		Range	117	
		Interquartile Range	94	
		Skewness	.469	.717
		Kurtosis	-1.554	1.400
	None	Mean	115.93	18.672
		95% Confidence Interval for Mean — Lower Bound	75.89	
		95% Confidence Interval for Mean — Upper Bound	155.98	
		5% Trimmed Mean	116.20	
		Median	118.00	
		Variance	5229.495	
		Std. Deviation	72.315	
		Minimum	14	

		Maximum	213	
		Range	199	
		Interquartile Range	149	
		Skewness	.046	.580
		Kurtosis	-1.358	1.121
	Post har	Mean	107.50	3.500
		95% Confidence Interval for Mean — Lower Bound	63.03	
		95% Confidence Interval for Mean — Upper Bound	151.97	
		5% Trimmed Mean	.	
		Median	107.50	
		Variance	24.500	
		Std. Deviation	4.950	
		Minimum	104	
		Maximum	111	
		Range	7	
		Interquartile Range	.	
		Skewness	.	.
		Kurtosis	.	.
	Secretar	Mean	112.50	10.743
		95% Confidence Interval for Mean — Lower Bound	78.31	
		95% Confidence Interval for Mean — Upper Bound	146.69	
		5% Trimmed Mean	111.61	
		Median	104.50	
		Variance	461.667	
		Std. Deviation	21.486	
		Minimum	97	
		Maximum	144	
		Range	47	
		Interquartile Range	37	
		Skewness	1.742	1.014
		Kurtosis	3.081	2.619

a. Respondent is constant when Faculty or Department = Procure. It has been omitted.

b. Respondent is constant when Faculty or Department = Applied . It has been omitted.

c. Respondent is constant when Faculty or Department = Biomedic. It has been omitted.

d. Respondent is constant when Faculty or Department = FASPSAG . It has been omitted.

e. Respondent is constant when Faculty or Department = Graphic . It has been omitted.

f. Respondent is constant when Faculty or Department = Hnd . It has been omitted.

g. Respondent is constant when Faculty or Department = Institut. It has been omitted.

h. Respondent is constant when Faculty or Department = Procurem. It has been omitted.

M-Estimators[a,b,c,h,i,j,k,l]

	Faculty or Department	Huber's M-Estimator[d]	Tukey's Biweight[e]	Hampel's M-Estimator[f]	Andrews' Wave[g]
Respondent	Civil En	165.87	187.79	159.83	190.49
	Computer	105.06	104.95	104.94	104.95
	Electric	175.02	180.20	177.50	180.20
	Engineer	36.00	36.00	36.00	36.00
	Faculty	125.15	126.02	121.63	125.93
	FAPSAG	86.50	78.84	78.00	78.85
	Fashion	49.00	49.00	49.00	49.00
	FBMS	94.17	92.06	95.92	92.13
	FBNE	82.62	71.61	75.15	71.62
	Food and	100.90	98.28	97.18	98.28
	Marketin	101.57	105.23	105.09	105.23
	Medical	56.82	59.14	62.55	59.13
	None	116.62	115.68	115.93	115.67
	Post har	107.50	107.50	107.50	107.50
	Secretar	104.50	101.94	102.62	101.94

a. Respondent is constant when Faculty or Department = Procure. It has been omitted.

b. Respondent is constant when Faculty or Department = Applied . It has been omitted.

c. Respondent is constant when Faculty or Department = Biomedic. It has been omitted.

d. The weighting constant is 1.339.

e. The weighting constant is 4.685.

f. The weighting constants are 1.700, 3.400, and 8.500

g. The weighting constant is 1.340*pi.

h. Respondent is constant when Faculty or Department = FASPSAG . It has been omitted.

i. Respondent is constant when Faculty or Department = Graphic . It has been omitted.

j. Respondent is constant when Faculty or Department = Hnd . It has been omitted.

k. Respondent is constant when Faculty or Department = Institut. It has been omitted.

l. Respondent is constant when Faculty or Department = Procurem. It has been omitted.

Percentiles[a,b,c,d,e,f,g,h]

		Faculty or Department	Percentiles					
			5	10	25	50	75	90
Weighted Average(Definition 1)	Respondent	Civil En	30.00	30.00	30.00	172.00	.	.
		Computer	3.85	10.10	39.25	115.50	183.75	200.30
		Electric	127.00	127.00	138.50	178.00	182.50	.
		Engineer	20.00	20.00	20.00	36.00	.	.
		Faculty	13.60	20.80	61.50	134.00	163.50	183.60
		FAPSAG	61.00	61.00	67.25	86.50	179.25	.
		Fashion	29.00	29.00	29.00	49.00	.	.
		FBMS	5.00	32.00	58.00	84.00	136.00	187.00
		FBNE	62.00	62.00	69.00	78.00	176.50	.
		Food and	23.10	29.20	87.00	99.00	124.00	201.00
		Marketin	55.00	55.00	58.75	102.50	107.50	.
		Medical	9.00	9.00	26.50	45.00	120.50	.
		None	14.00	16.40	47.00	118.00	196.00	212.40
		Post har	104.00	104.00	104.00	107.50	.	.
		Secretar	97.00	97.00	98.00	104.50	135.00	.
Tukey's Hinges	Respondent	Civil En			101.00	172.00	190.50	
		Computer			39.50	115.50	183.50	
		Electric			139.00	178.00	180.00	
		Engineer			20.00	36.00	52.00	
		Faculty			64.00	134.00	163.00	
		FAPSAG			73.50	86.50	148.50	
		Fashion			29.00	49.00	69.00	
		FBMS			60.50	84.00	132.50	
		FBNE			70.00	78.00	162.00	
		Food and			89.00	99.00	117.00	
		Marketin			60.00	102.50	107.00	
		Medical			43.00	45.00	120.00	
		None			62.00	118.00	185.00	
		Post har			104.00	107.50	111.00	
		Secretar			99.00	104.50	126.00	

Percentiles[a,b,c,d,e,f,g,h]

			Percentiles
		Faculty or Department	95
Weighted Average(Definition 1)	Respondent	Civil En	.
		Computer	202.45

		Electric	.
		Engineer	.
		Faculty	203.60
		FAPSAG	.
		Fashion	.
		FBMS	.
		FBNE	.
		Food and	203.90
		Marketin	.
		Medical	.
		None	.
		Post har	.
		Secretar	.
Tukey's Hinges	Respondent	Civil En	
		Computer	
		Electric	
		Engineer	
		Faculty	
		FAPSAG	
		Fashion	
		FBMS	
		FBNE	
		Food and	
		Marketin	
		Medical	
		None	
		Post har	
		Secretar	

a. Respondent is constant when Faculty or Department = Procure. It has been omitted.

b. Respondent is constant when Faculty or Department = Applied . It has been omitted.

c. Respondent is constant when Faculty or Department = Biomedic. It has been omitted.

d. Respondent is constant when Faculty or Department = FASPSAG . It has been omitted.

e. Respondent is constant when Faculty or Department = Graphic . It has been omitted.

f. Respondent is constant when Faculty or Department = Hnd . It has been omitted.

g. Respondent is constant when Faculty or Department = Institut. It has been omitted.

h. Respondent is constant when Faculty or Department = Procurem. It has been omitted.

Extreme Values[a,b,c,d,e,f,g,h,i]

	Faculty or Department			Case Number	Marital status	Value
Respondent	Civil En	Highest	1	208	Single	209
		Lowest	1	30	Single	30
	Computer	Highest	1	204	Single	205
			2	201	Single	202
			3	200	Single	201
			4	199	Single	200
			5	198	Single	199
		Lowest	1	3	Single	3
			2	4	Single	4
			3	8	Single	8
			4	11	Single	11
			5	12	Single	12
	Electric	Highest	1	187	Single	188
			2	184	single	185
			3	179	single	180
			4	178	single	179
		Lowest	1	126	single	127
			2	137	single	138
			3	138	single	139
			4	170	single	171
	Engineer	Highest	1	52	Single	52
		Lowest	1	20	Singer	20
	Faculty	Highest	1	213	Single	214
			2	206	Single	207
			3	205	Single	206
			4	197	Single	198
			5	194	Single	195
		Lowest	1	6	Single	6
			2	7	Single	7
			3	13	Married	13
			4	15	Single	15
			5	17	Single	17
	FAPSAG	Highest	1	209	Single	210
			2	87	Single	87
		Lowest	1	61	Single	61

		2	86	Single	86
Fashion	Highest	1	69	Single	69
	Lowest	1	29	Single	29
FBMS	Highest	1	193	Divorced	194
		2	186	Single	187
		3	176	single	177
		4	169	single	170
		5	135	Divorced	136
	Lowest	1	5	Single	5
		2	32	Single	32
		3	53	Married	53
		4	57	Single	57
		5	58	Single	58
FBNE	Highest	1	207	Single	208
		2	190	Married	191
		3	132	Married	133
		4	81	Single	81
	Lowest	1	62	Married	62
		2	68	single	68
		3	72	Single	72
		4	75	Single	75
Food and	Highest	1	203	Single	204
		2	202	Single	203
		3	192	Single	193
		4	189	Single	190
		5	130	single	131
	Lowest	1	23	Single	23
		2	24	Single	24
		3	50	Single	50
		4	71	Single	71
		5	85	Single	85
Marketin	Highest	1	108	Single	109
		2	106	Single	107
		3	102	Single	103
	Lowest	1	55	Single	55
		2	60	Single	60
		3	101	Single	102
Medical	Highest	1	125	single	126

			2	120	Single	121
			3	119	Single	120
			4	49	Married	49
		Lowest	1	9	Single	9
			2	10	Single	10
			3	43	Single	43
			4	44	Single	44
	None	Highest	1	212	Single	213
			2	211	Single	212
			3	210	Single	211
			4	195	Single	196
			5	173	No	174
		Lowest	1	14	Single	14
			2	18	Single	18
			3	26	Single	26
			4	47	Single	47
			5	77	Single	77
	Post har	Highest	1	110	Single	111
		Lowest	1	103	Single	104
	Secretar	Highest	1	143	single	144
			2	107	Single	108
		Lowest	1	96	Single	97
			2	100	Single	101

a. Respondent is constant when Faculty or Department = Procure. It has been omitted.

b. Respondent is constant when Faculty or Department = Applied . It has been omitted.

c. Respondent is constant when Faculty or Department = Biomedic. It has been omitted.

d. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

e. Respondent is constant when Faculty or Department = FASPSAG . It has been omitted.

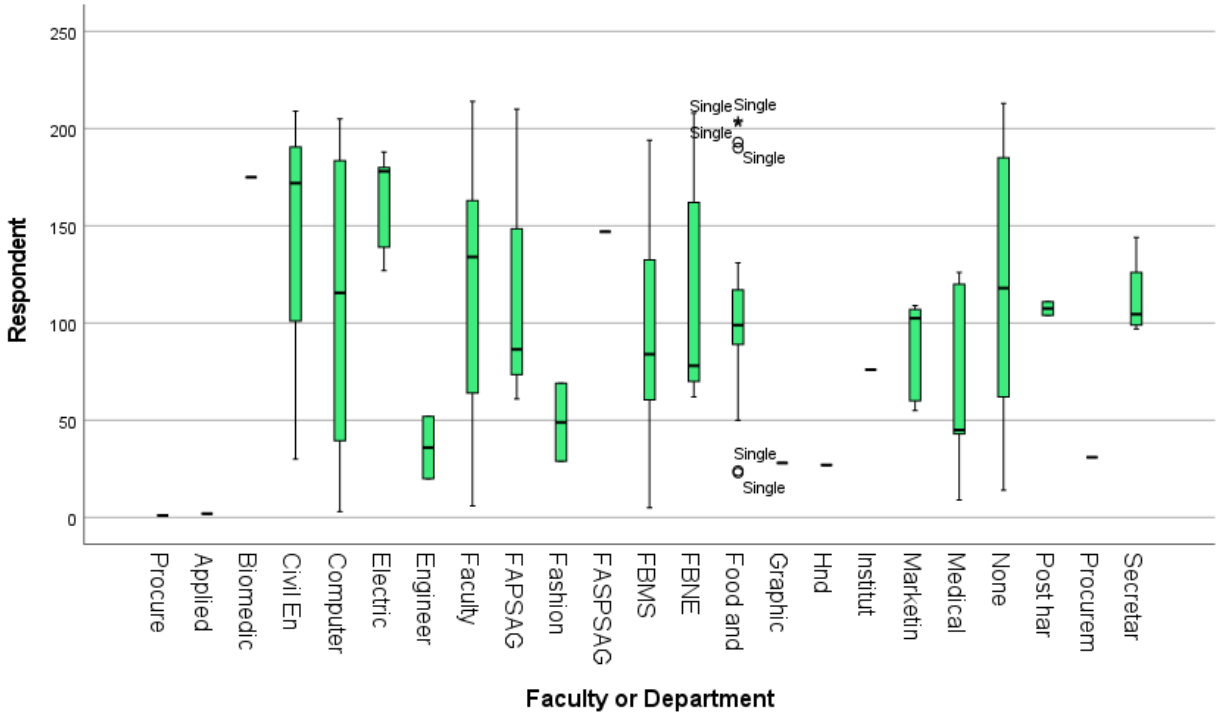
f. Respondent is constant when Faculty or Department = Graphic . It has been omitted.

g. Respondent is constant when Faculty or Department = Hnd . It has been omitted.

h. Respondent is constant when Faculty or Department = Institut. It has been omitted.

i. Respondent is constant when Faculty or Department = Procurem. It has been omitted.

Boxplots



Occupation

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Occupation	N	Percent	N	Percent	N	Percent
Respondent	Academic	1	100.0%	0	0.0%	1	100.0%
	Accounta	1	100.0%	0	0.0%	1	100.0%
	Aministr	1	100.0%	0	0.0%	1	100.0%
	Bussines	1	100.0%	0	0.0%	1	100.0%
	Civil Se	1	100.0%	0	0.0%	1	100.0%
	Doctor	1	100.0%	0	0.0%	1	100.0%
	Driver	1	100.0%	0	0.0%	1	100.0%
	Electric	5	100.0%	0	0.0%	5	100.0%

	Employed	1	100.0%	0	0.0%	1	100.0%
	Full sta	1	100.0%	0	0.0%	1	100.0%
	IT Progr	1	100.0%	0	0.0%	1	100.0%
	IT Techn	2	100.0%	0	0.0%	2	100.0%
	Lecture	2	100.0%	0	0.0%	2	100.0%
	Lecturer	2	100.0%	0	0.0%	2	100.0%
	Nationa	1	100.0%	0	0.0%	1	100.0%
	None	12	100.0%	0	0.0%	12	100.0%
	Radio Pr	1	100.0%	0	0.0%	1	100.0%
	Safety o	1	100.0%	0	0.0%	1	100.0%
	Sale Per	1	100.0%	0	0.0%	1	100.0%
	Self emp	1	100.0%	0	0.0%	1	100.0%
	Senior I	1	100.0%	0	0.0%	1	100.0%
	SeNoir I	1	100.0%	0	0.0%	1	100.0%
	Student	152	100.0%	0	0.0%	152	100.0%
	Teacher	1	100.0%	0	0.0%	1	100.0%
	Trader	5	100.0%	0	0.0%	5	100.0%
	Unemploy	15	100.0%	0	0.0%	15	100.0%

Descriptives[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r]

	Occupation			Statistic	Std. Error
Respondent	Electric	Mean		162.20	9.927
		95% Confidence Interval for Mean	Lower Bound	134.64	
			Upper Bound	189.76	
		5% Trimmed Mean		162.28	
		Median		171.00	
		Variance		492.700	
		Std. Deviation		22.197	
		Minimum		138	
		Maximum		185	
		Range		47	
		Interquartile Range		43	
		Skewness		-.388	.913
		Kurtosis		-2.999	2.000
	IT Techn	Mean		118.50	70.500
		95% Confidence Interval for	Lower Bound	-777.29	

		Mean	Upper Bound	1014.29	
		5% Trimmed Mean		.	
		Median		118.50	
		Variance		9940.500	
		Std. Deviation		99.702	
		Minimum		48	
		Maximum		189	
		Range		141	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	Lecture	Mean		26.00	24.000
		95% Confidence Interval for	Lower Bound	-278.95	
		Mean	Upper Bound	330.95	
		5% Trimmed Mean		.	
		Median		26.00	
		Variance		1152.000	
		Std. Deviation		33.941	
		Minimum		2	
		Maximum		50	
		Range		48	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	Lecturer	Mean		54.50	.500
		95% Confidence Interval for	Lower Bound	48.15	
		Mean	Upper Bound	60.85	
		5% Trimmed Mean		.	
		Median		54.50	
		Variance		.500	
		Std. Deviation		.707	
		Minimum		54	
		Maximum		55	
		Range		1	
		Interquartile Range		.	
		Skewness		.	.
		Kurtosis		.	.
	None	Mean		107.17	25.148

		95% Confidence Interval for Mean	Lower Bound	51.82	
			Upper Bound	162.52	
		5% Trimmed Mean		107.07	
		Median		123.50	
		Variance		7588.879	
		Std. Deviation		87.114	
		Minimum		3	
		Maximum		213	
		Range		210	
		Interquartile Range		184	
		Skewness		.046	.637
		Kurtosis		-1.863	1.232
	Student	Mean		102.60	4.564
		95% Confidence Interval for Mean	Lower Bound	93.58	
			Upper Bound	111.62	
		5% Trimmed Mean		102.21	
		Median		102.50	
		Variance		3166.772	
		Std. Deviation		56.274	
		Minimum		1	
		Maximum		214	
		Range		213	
		Interquartile Range		93	
		Skewness		.027	.197
		Kurtosis		-.994	.391
	Trader	Mean		63.60	27.566
		95% Confidence Interval for Mean	Lower Bound	-12.93	
			Upper Bound	140.13	
		5% Trimmed Mean		60.72	
		Median		46.00	
		Variance		3799.300	
		Std. Deviation		61.638	
		Minimum		15	
		Maximum		164	
		Range		149	
		Interquartile Range		105	
		Skewness		1.399	.913
		Kurtosis		1.738	2.000

	Unemploy	Mean		169.33	12.472
		95% Confidence Interval for Mean	Lower Bound	142.58	
			Upper Bound	196.08	
		5% Trimmed Mean		172.93	
		Median		191.00	
		Variance		2333.381	
		Std. Deviation		48.305	
		Minimum		65	
		Maximum		209	
		Range		144	
		Interquartile Range		62	
		Skewness		-1.479	.580
		Kurtosis		.913	1.121

a. Respondent is constant when Occupation = Academic. It has been omitted.
b. Respondent is constant when Occupation = Accounta. It has been omitted.
c. Respondent is constant when Occupation = Aministr. It has been omitted.
d. Respondent is constant when Occupation = Bussines. It has been omitted.
e. Respondent is constant when Occupation = Civil Se. It has been omitted.
f. Respondent is constant when Occupation = Doctor . It has been omitted.
g. Respondent is constant when Occupation = Driver . It has been omitted.
h. Respondent is constant when Occupation = Employed. It has been omitted.
i. Respondent is constant when Occupation = Full sta. It has been omitted.
j. Respondent is constant when Occupation = IT Progr. It has been omitted.
k. Respondent is constant when Occupation = Nationa . It has been omitted.
l. Respondent is constant when Occupation = Radio Pr. It has been omitted.
m. Respondent is constant when Occupation = Safety o. It has been omitted.
n. Respondent is constant when Occupation = Sale Per. It has been omitted.
o. Respondent is constant when Occupation = Self emp. It has been omitted.
p. Respondent is constant when Occupation = Senior l. It has been omitted.
q. Respondent is constant when Occupation = SeNoir l. It has been omitted.
r. Respondent is constant when Occupation = Teacher . It has been omitted.

M-Estimators[a,b,c,d,e,f,g,l,m,n,o,p,q,r,s,t,u,v]

	Occupation	Huber's M-Estimator[h]	Tukey's Biweight[i]	Hampel's M-Estimator[j]	Andrews' Wave[k]
Respondent	Electric	165.58	164.33	162.56	164.33
	IT Techn	118.50	118.50	118.50	118.50

	Lecture	26.00	26.00	26.00	26.00
	Lecturer	54.50	54.50	54.50	54.50
	None	107.17	106.93	107.17	106.93
	Student	102.51	102.40	102.31	102.41
	Trader	48.86	40.54	51.02	39.43
	Unemploy	190.08	195.06	195.09	195.06

a. Respondent is constant when Occupation = Academic. It has been omitted.
b. Respondent is constant when Occupation = Accounta. It has been omitted.
c. Respondent is constant when Occupation = Aministr. It has been omitted.
d. Respondent is constant when Occupation = Bussines. It has been omitted.
e. Respondent is constant when Occupation = Civil Se. It has been omitted.
f. Respondent is constant when Occupation = Doctor . It has been omitted.
g. Respondent is constant when Occupation = Driver . It has been omitted.
h. The weighting constant is 1.339.
i. The weighting constant is 4.685.
j. The weighting constants are 1.700, 3.400, and 8.500
k. The weighting constant is 1.340*pi.
l. Respondent is constant when Occupation = Employed. It has been omitted.
m. Respondent is constant when Occupation = Full sta. It has been omitted.
n. Respondent is constant when Occupation = IT Progr. It has been omitted.
o. Respondent is constant when Occupation = Nationa . It has been omitted.
p. Respondent is constant when Occupation = Radio Pr. It has been omitted.
q. Respondent is constant when Occupation = Safety o. It has been omitted.
r. Respondent is constant when Occupation = Sale Per. It has been omitted.
s. Respondent is constant when Occupation = Self emp. It has been omitted.
t. Respondent is constant when Occupation = Senior l. It has been omitted.
u. Respondent is constant when Occupation = SeNoir l. It has been omitted.
v. Respondent is constant when Occupation = Teacher . It has been omitted.

Percentiles[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r]

			Percentiles				
		Occupation	5	10	25	50	75
Weighted Average(Definition 1)	Respondent	Electric	138.00	138.00	138.50	171.00	181.50
		IT Techn	48.00	48.00	48.00	118.50	.
		Lecture	2.00	2.00	2.00	26.00	.
		Lecturer	54.00	54.00	54.00	54.50	.
		None	3.00	3.30	23.00	123.50	207.25

		Student	10.65	25.90	57.25	102.50	149.75
		Trader	15.00	15.00	15.50	46.00	120.50
		Unemploy	65.00	68.00	136.00	191.00	198.00
Tukey's Hinges	Respondent	Electric			139.00	171.00	178.00
		IT Techn			48.00	118.50	189.00
		Lecture			2.00	26.00	50.00
		Lecturer			54.00	54.50	55.00
		None			24.00	123.50	203.50
		Student			57.50	102.50	149.50
		Trader			16.00	46.00	77.00
		Unemploy			159.50	191.00	197.50

Percentiles[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r]

			Percentiles	
		Occupation	90	95
Weighted Average(Definition 1)	Respondent	Electric	.	.
		IT Techn	.	.
		Lecture	.	.
		Lecturer	.	.
		None	212.70	.
		Student	176.70	200.35
		Trader	.	.
		Unemploy	207.80	.
Tukey's Hinges	Respondent	Electric		
		IT Techn		
		Lecture		
		Lecturer		
		None		
		Student		
		Trader		
		Unemploy		

a. Respondent is constant when Occupation = Academic. It has been omitted.

b. Respondent is constant when Occupation = Accounta. It has been omitted.

c. Respondent is constant when Occupation = Aministr. It has been omitted.

d. Respondent is constant when Occupation = Bussines. It has been omitted.

e. Respondent is constant when Occupation = Civil Se. It has been omitted.

f. Respondent is constant when Occupation = Doctor . It has been omitted.

g. Respondent is constant when Occupation = Driver . It has been omitted.

h. Respondent is constant when Occupation = Employed. It has been omitted.

i. Respondent is constant when Occupation = Full sta. It has been omitted.

j. Respondent is constant when Occupation = IT Progr. It has been omitted.

k. Respondent is constant when Occupation = Nationa . It has been omitted.

l. Respondent is constant when Occupation = Radio Pr. It has been omitted.

m. Respondent is constant when Occupation = Safety o. It has been omitted.

n. Respondent is constant when Occupation = Sale Per. It has been omitted.

o. Respondent is constant when Occupation = Self emp. It has been omitted.

p. Respondent is constant when Occupation = Senior l. It has been omitted.

q. Respondent is constant when Occupation = SeNoir l. It has been omitted.

r. Respondent is constant when Occupation = Teacher . It has been omitted.

Extreme Values[a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s]

	Occupation			Case Number	Marital status	Value
Respondent	Electric	Highest	1	184	single	185
			2	177	single	178
		Lowest	1	137	single	138
			2	138	single	139
	IT Techn	Highest	1	188	single	189
		Lowest	1	48	Single	48
	Lecture	Highest	1	50	Single	50
		Lowest	1	2	Married	2
	Lecturer	Highest	1	55	Single	55
		Lowest	1	54	Married	54
	None	Highest	1	212	Single	213
			2	211	Single	212
			3	210	Single	211
			4	195	Single	196
			5	124	Married	125
		Lowest	1	3	Single	3
			2	4	Single	4
			3	22	No	22
			4	26	Single	26
			5	27	Single	27
	Student	Highest	1	213	Single	214
			2	209	Single	210
			3	205	Single	206

			4	203	Single	204
			5	202	Single	203
		Lowest	1	1	Single	1
			2	5	Single	5
			3	6	Single	6
			4	7	Single	7
			5	8	Single	8
	Trader	Highest	1	163	single	164
			2	77	Single	77
		Lowest	1	15	Single	15
			2	16	Single	16
	Unemploy	Highest	1	208	Single	209
			2	206	Single	207
			3	204	Single	205
			4	197	Single	198
			5	196	Single	197
		Lowest	1	65	Married	65
			2	70	Married	70
			3	118	Single	119
			4	135	Divorced	136
			5	182	Married	183

a. Respondent is constant when Occupation = Academic. It has been omitted.

b. Respondent is constant when Occupation = Accounta. It has been omitted.

c. Respondent is constant when Occupation = Aministr. It has been omitted.

d. Respondent is constant when Occupation = Bussines. It has been omitted.

e. Respondent is constant when Occupation = Civil Se. It has been omitted.

f. Respondent is constant when Occupation = Doctor . It has been omitted.

g. Respondent is constant when Occupation = Driver . It has been omitted.

h. The requested number of extreme values exceeds the number of data points. A smaller number of extremes is displayed.

i. Respondent is constant when Occupation = Employed. It has been omitted.

j. Respondent is constant when Occupation = Full sta. It has been omitted.

k. Respondent is constant when Occupation = IT Progr. It has been omitted.

l. Respondent is constant when Occupation = Nationa . It has been omitted.

m. Respondent is constant when Occupation = Radio Pr. It has been omitted.

n. Respondent is constant when Occupation = Safety o. It has been omitted.

o. Respondent is constant when Occupation = Sale Per. It has been omitted.

p. Respondent is constant when Occupation = Self emp. It has been omitted.

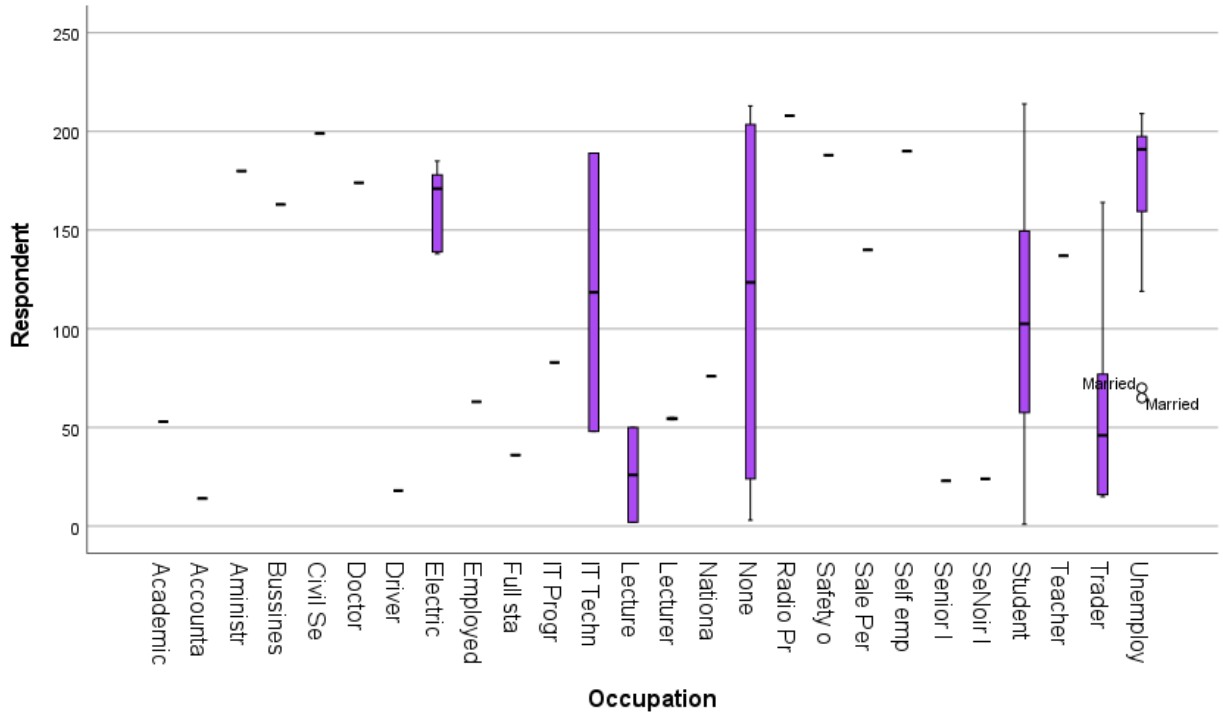
q. Respondent is constant when Occupation = Senior l. It has been omitted.

r. Respondent is constant when Occupation = SeNoir l. It has been omitted.

s. Respondent is constant when Occupation = Teacher . It has been omitted.

Respondent

Boxplots



Do you have a family history of lactose intolerance

Case Processing Summary

		Cases				
	Do you have a family history of lactose intolerance	Valid		Missing		Total
		N	Percent	N	Percent	N
Respondent	No	116	100.0%	0	0.0%	116
	None	14	100.0%	0	0.0%	14
	Not sure	39	100.0%	0	0.0%	39
	Yes	44	100.0%	0	0.0%	44

Case Processing Summary

		Cases
	Do you have a family history of lactose intolerance	Total Percent
Respondent	No	100.0%
	None	100.0%
	Not sure	100.0%
	Yes	100.0%

Descriptives

	Do you have a family history of lactose intolerance			Statistic	Std. Error
Respondent	No	Mean		97.39	5.486
		95% Confidence Interval for Mean	Lower Bound	86.52	
			Upper Bound	108.25	
		5% Trimmed Mean		96.60	
		Median		94.50	
		Variance		3491.161	
		Std. Deviation		59.086	
		Minimum		2	
		Maximum		212	
		Range		210	
		Interquartile Range		109	
		Skewness		.109	.225
		Kurtosis		-1.253	.446
	None	Mean		123.00	11.063
		95% Confidence Interval for Mean	Lower Bound	99.10	
			Upper Bound	146.90	
		5% Trimmed Mean		123.61	

		Median	119.00	
		Variance	1713.385	
		Std. Deviation	41.393	
		Minimum	22	
		Maximum	213	
		Range	191	
		Interquartile Range	9	
		Skewness	-.112	.597
		Kurtosis	3.773	1.154
	Not sure	Mean	104.54	11.402
		95% Confidence Interval for Mean — Lower Bound	81.46	
		95% Confidence Interval for Mean — Upper Bound	127.62	
		5% Trimmed Mean	104.68	
		Median	124.00	
		Variance	5069.939	
		Std. Deviation	71.204	
		Minimum	1	
		Maximum	210	
		Range	209	
		Interquartile Range	132	
		Skewness	-.131	.378
		Kurtosis	-1.593	.741
	Yes	Mean	132.30	9.117
		95% Confidence Interval for Mean — Lower Bound	113.91	
		95% Confidence Interval for Mean — Upper Bound	150.68	
		5% Trimmed Mean	133.08	
		Median	128.50	
		Variance	3657.283	
		Std. Deviation	60.475	
		Minimum	18	
		Maximum	214	
		Range	196	
		Interquartile Range	123	
		Skewness	-.020	.357
		Kurtosis	-1.558	.702

M-Estimators

	Do you have a family history of lactose intolerance	Huber's M-Estimator[a]	Tukey's Biweight[b]	Hampel's M-Estimator[c]
Respondent	No	96.07	96.46	96.77
	None	119.03	118.57	118.55
	Not sure	107.02	106.01	104.54
	Yes	133.04	132.26	132.52

M-Estimators

	Do you have a family history of lactose intolerance	Andrews' Wave[d]
Respondent	No	96.47
	None	118.57
	Not sure	106.02
	Yes	132.26

a. The weighting constant is 1.339.

b. The weighting constant is 4.685.

c. The weighting constants are 1.700, 3.400, and 8.500

d. The weighting constant is 1.340*pi.

Percentiles

		Do you have a family history of lactose intolerance	Percentiles 5	10	25
Weighted Average(Definition 1)	Respondent	No	11.85	20.70	41.50
		None	22.00	67.50	114.75
		Not sure	3.00	6.00	39.00
		Yes	55.25	59.50	73.25
Tukey's Hinges	Respondent	No			42.00
		None			115.00
		Not sure			40.50
		Yes			73.50

Percentiles

		Do you have a family history of lactose intolerance	Percentiles 50	75	90
Weighted Average(Definition 1)	Respondent	No	94.50	150.75	177.30
		None	119.00	123.50	198.00
		Not sure	124.00	171.00	188.00

		Yes	128.50	196.50	206.50
Tukey's Hinges	Respondent	No	94.50	150.50	
		None	119.00	123.00	
		Not sure	124.00	170.50	
		Yes	128.50	196.00	

Percentiles

		Do you have a family history of lactose intolerance	Percentiles 95
Weighted Average(Definition 1)	Respondent	No	192.60
		None	.
		Not sure	199.00
		Yes	210.50
Tukey's Hinges	Respondent	No	
		None	
		Not sure	
		Yes	

Extreme Values

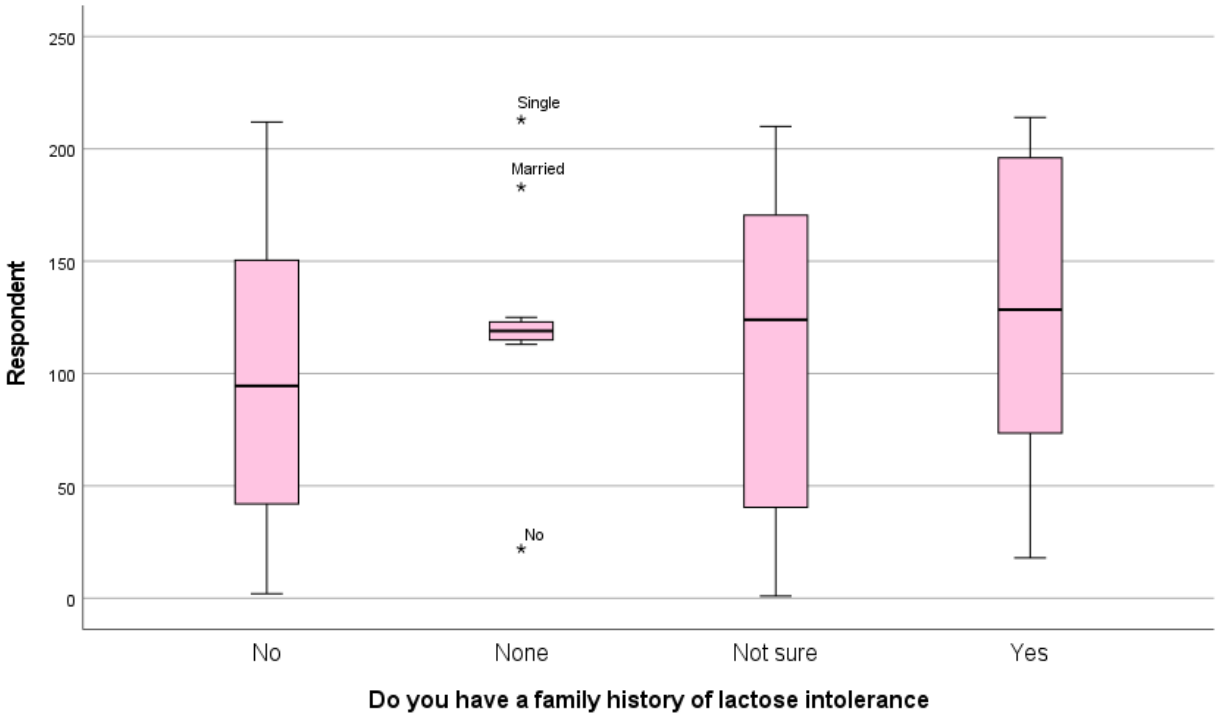
	Do you have a family history of lactose intolerance			Case Number	Marital status	Value
Respondent	No	Highest	1	211	Single	212
			2	207	Single	208
			3	202	Single	203
			4	197	Single	198
			5	195	Single	196
		Lowest	1	2	Married	2
			2	4	Single	4
			3	7	Single	7
			4	8	Single	8
			5	11	Single	11
	None	Highest	1	212	Single	213
			2	182	Married	183
			3	124	Married	125
			4	122	Divorced	123
			5	121	Married	122
		Lowest	1	22	No	22
			2	112	Single	113

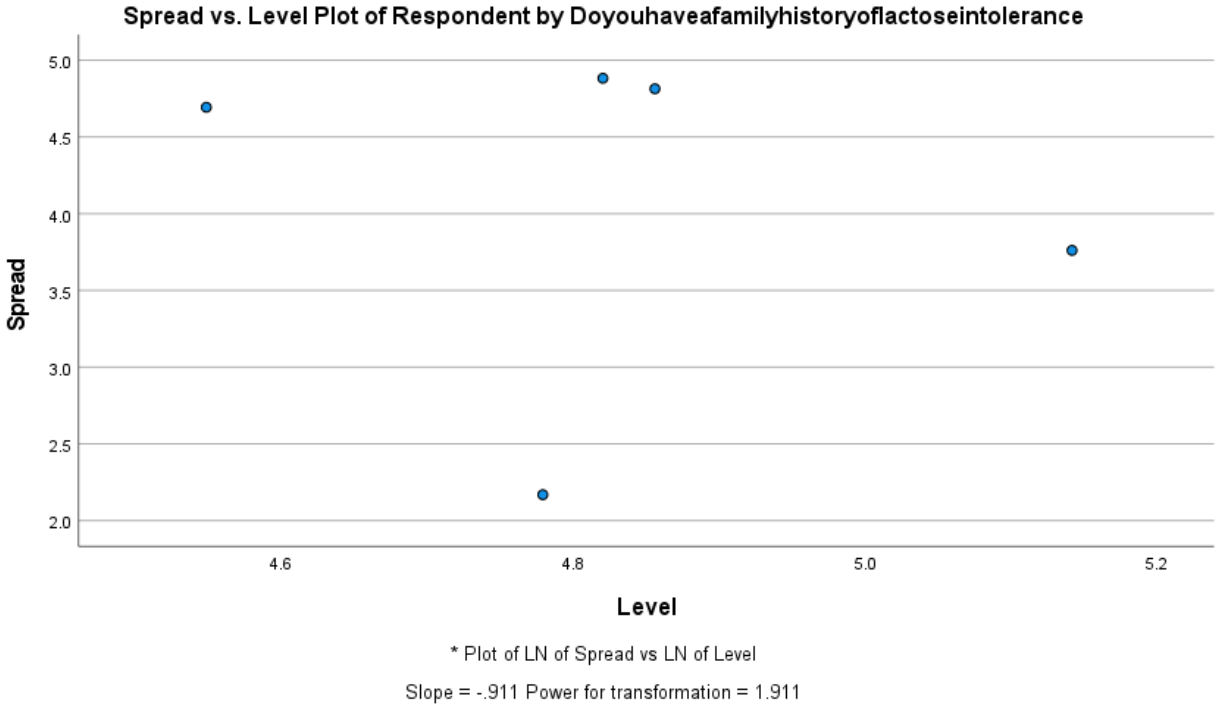
			3	113	Single	114
			4	114	Single	115
			5	115	Single	116
	Not sure	Highest	1	209	Single	210
			2	198	Single	199
			3	190	Married	191
			4	187	Single	188
			5	186	Single	187
		Lowest	1	1	Single	1
			2	3	Single	3
			3	5	Single	5
			4	6	Single	6
			5	9	Single	9
	Yes	Highest	1	213	Single	214
			2	210	Single	211
			3	208	Single	209
			4	206	Single	207
			5	205	Single	206
		Lowest	1	18	Single	18
			2	55	Single	55
			3	56	Single	56
			4	59	Single	59
			5	60	Single	60

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Respondent	Based on Mean	7.809	4	213	.000
	Based on Median	6.798	4	213	.000
	Based on Median and with adjusted df	6.798	4	201.221	.000
	Based on trimmed mean	7.713	4	213	.000

Boxplots






```
DESCRIPTIVES VARIABLES=Respondent
  /SAVE
```

```
  /STATISTICS=MEAN SUM STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS
  /SORT=MEAN (A).
```

Descriptives

Descriptive Statistics

	N	Range	Minimum	Maximum	Sum	Mean	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error
Respondent	213	213	1	214	22917	107.59	4.252
Valid N (listwise)	213						

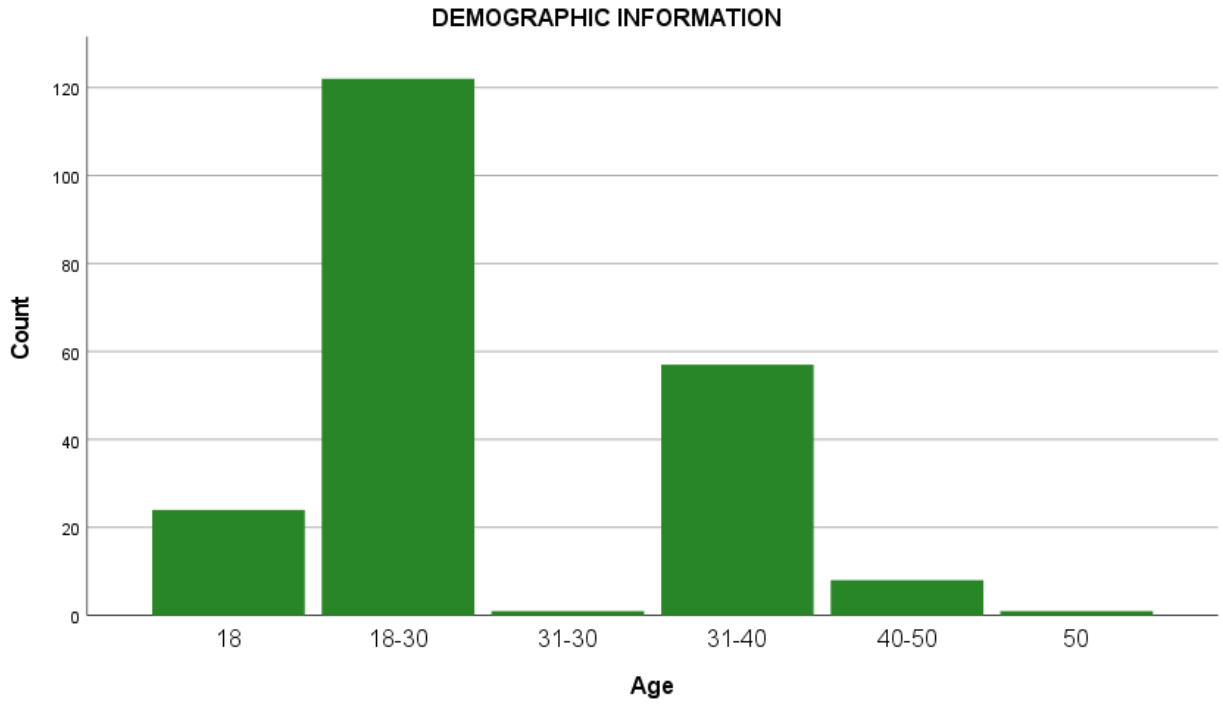
Descriptive Statistics

	Std. Deviation	Variance	Kurtosis	
	Statistic	Statistic	Statistic	Std. Error
Respondent	62.052	3850.450	-1.207	.332
Valid N (listwise)				

Statistics Table (Respondent, Gender, Age, Education and level, Faculty or Department): This table presents descriptive statistics for several variables. It shows that there are 213 valid cases and 0 missing cases for 'Respondent', 'Gender', 'Age', 'Education and level', and 'Faculty or Department'. For the 'Respondent' variable, the mean is 107.59, the median is 108.00, the mode is 1, the standard deviation is 62.052, and the variance is 3850.450. It also includes kurtosis, standard error of kurtosis, range, minimum, maximum, sum, and percentiles (10th and 20th) for 'Respondent'

```
GRAPH
  /BAR(SIMPLE)=COUNT BY Age
  /TITLE='DEMOGRAPHIC INFORMATION '.
```

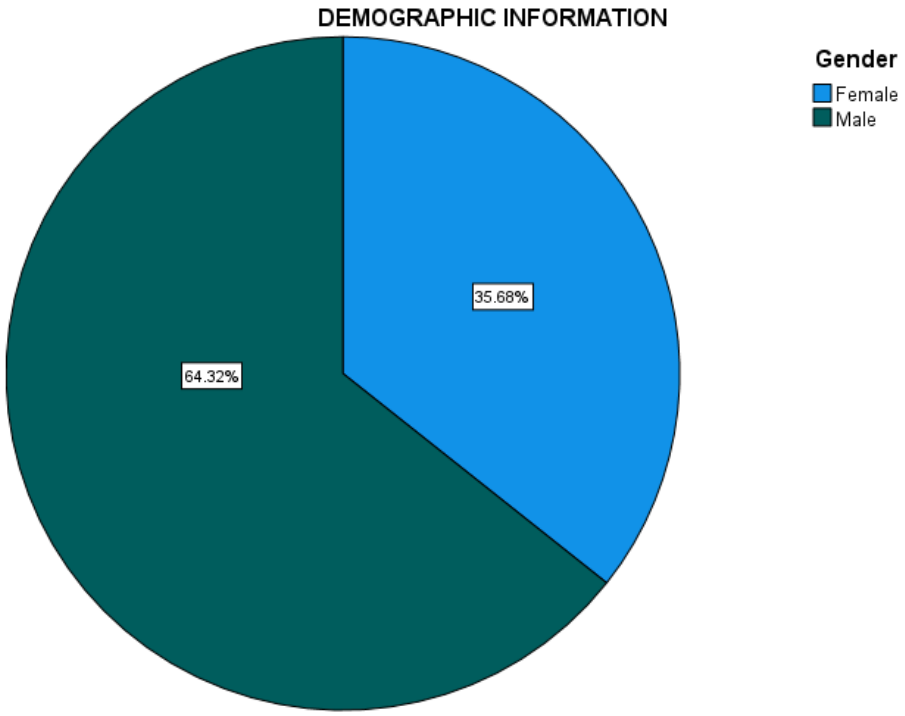
Graph



This Bar chart shows the ages of respondent who took part in the research study on lactose intolerance awareness and management and talks about the most age group that took part in the research and that is the age of 18-30 and the least is age 50.

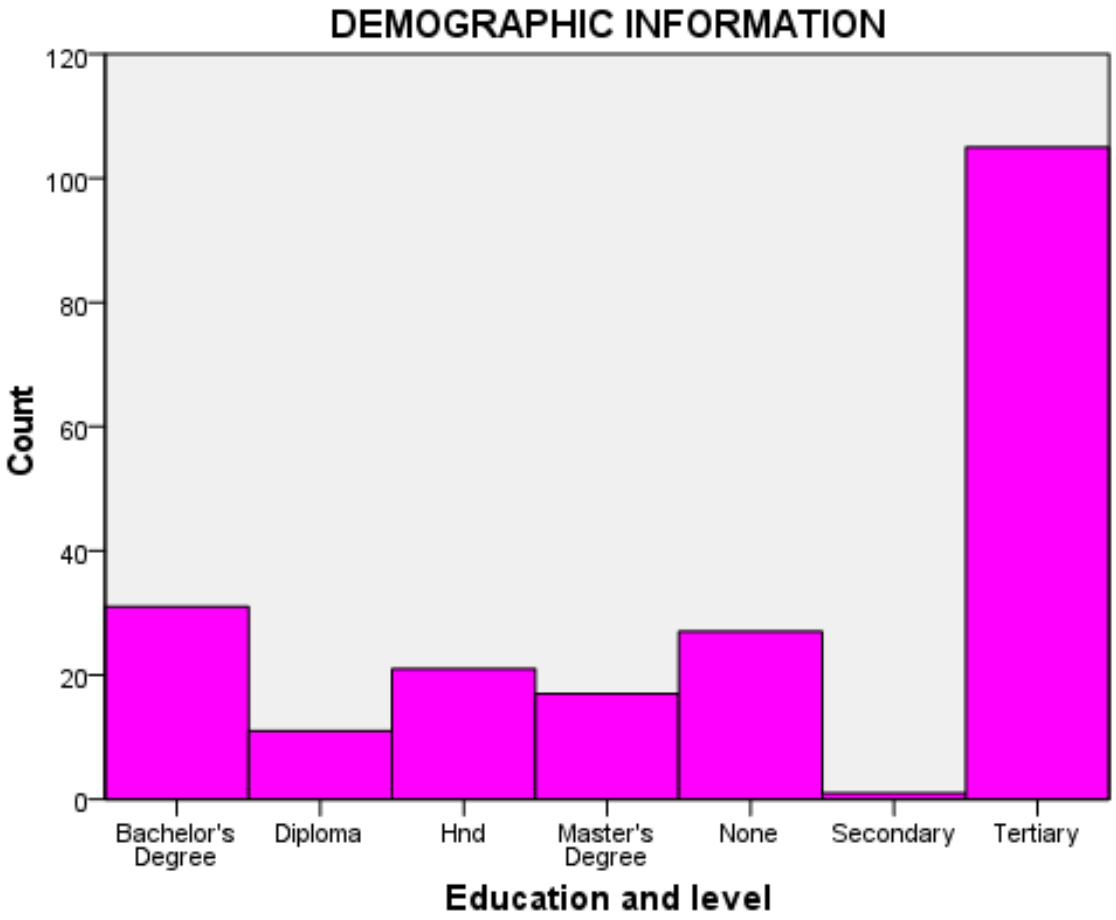
```
GRAPH
  /PIE=PCT BY Gender
  /TITLE='DEMOGRAPHIC INFORMATION'.
```

Graph



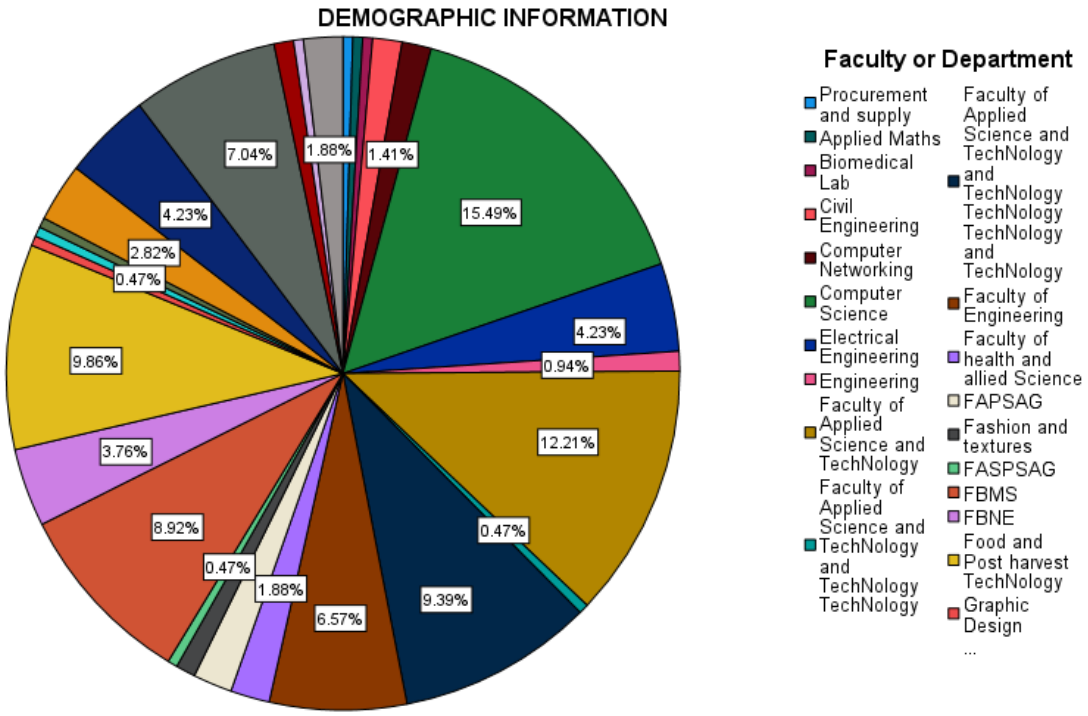

```
GGRAPH
  /GRAPHDATASET NAME="graphdataset"
    VARIABLES=Educationandlevel[LEVEL=nominal]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Histogram"[LOCATION=LOCAL]
    MAPPING( "x"="Educationandlevel"[DATASET="graphdataset"] "Summary"="count"
    "Title"='DEMOGRAPHIC INFORMATION'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='HISTOGRAM: Educationandlevel'
    DEFAULTTEMPLATE=NO.
```

GGraph



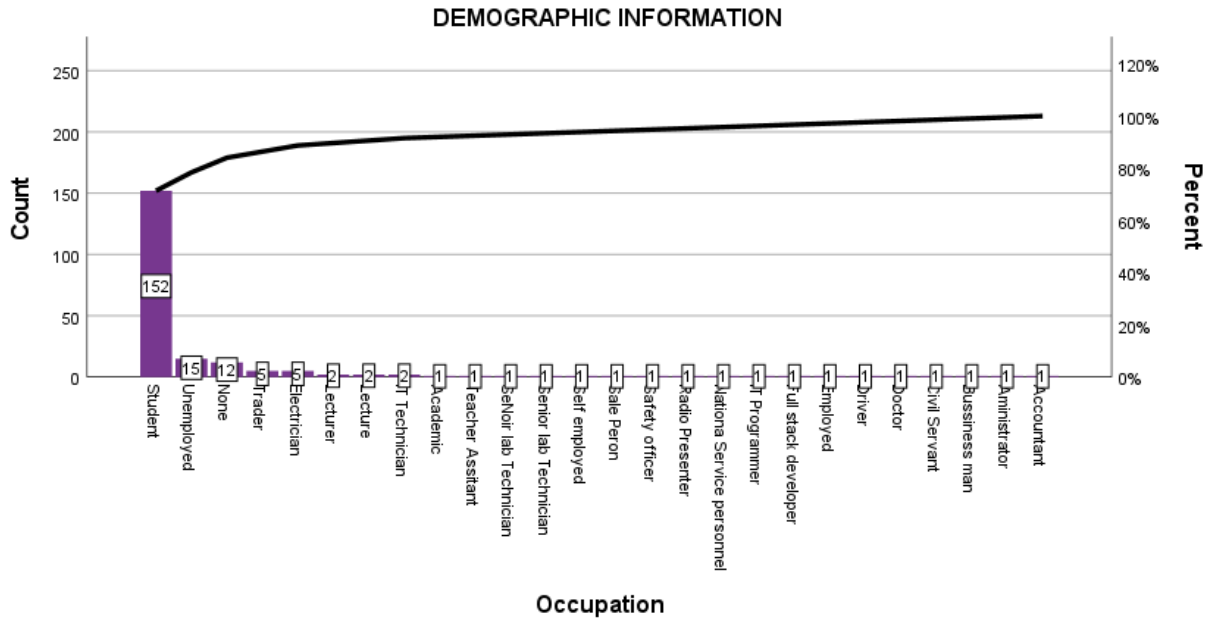

```
GRAPH
  /PIE=PCT BY FacultyorDepartment
  /TITLE='DEMOGRAPHIC INFORMATION'.
```

Graph




```
GRAPH
  /PARETO (CUM SIMPLE)=COUNT BY Occupation
  /TITLE='DEMOGRAPHIC INFORMATION' ''.
```

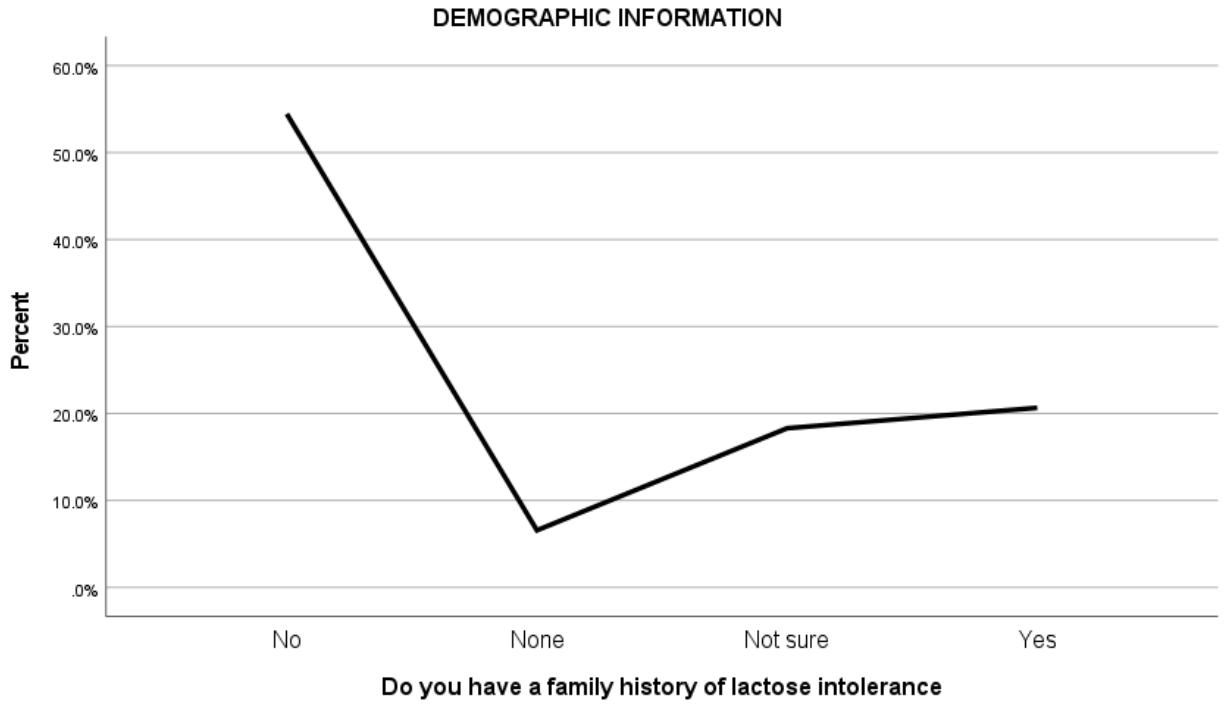
Graph



This pareto chart shows the respondent that took part in the research base on demographic information elaborating their occupation area, this indicate that large population of student with 152 count at the percentage of 106%in the pareto chart took part in the research on lactose intolerance awareness and management.

```
GRAPH
  /LINE(SIMPLE)=PCT BY Doyouhaveafamilyhistoryoflactoseintolerance
  /TITLE='DEMOGRAPHIC INFORMATION'.
```

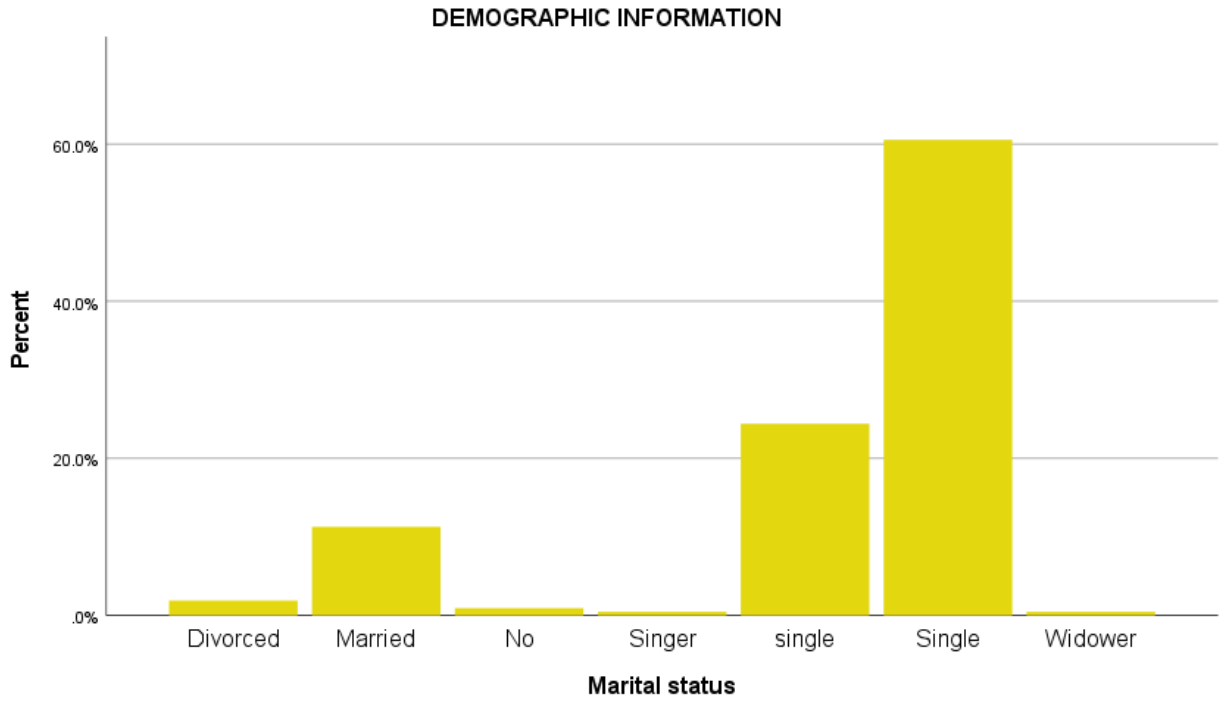
Graph



The provided line chart, titled "DEMOGRAPHIC INFORMATION," illustrates responses to the question, "Do you have a family history of lactose intolerance." The x-axis represents the answer choices: "No," "None," "Not sure," and "Yes," while the y-axis shows the percentage of respondents. The provided text analyzes a chart on family history of lactose intolerance, highlighting that most respondents reported no family history ("No" and "None"). A significant portion (19%) were "Not sure," indicating a knowledge gap. About 21% confirmed a family history ("Yes"). The analysis concludes that the "Not sure" responses point to a need for better public education on lactose intolerance and family medical history to improve individual awareness and management.

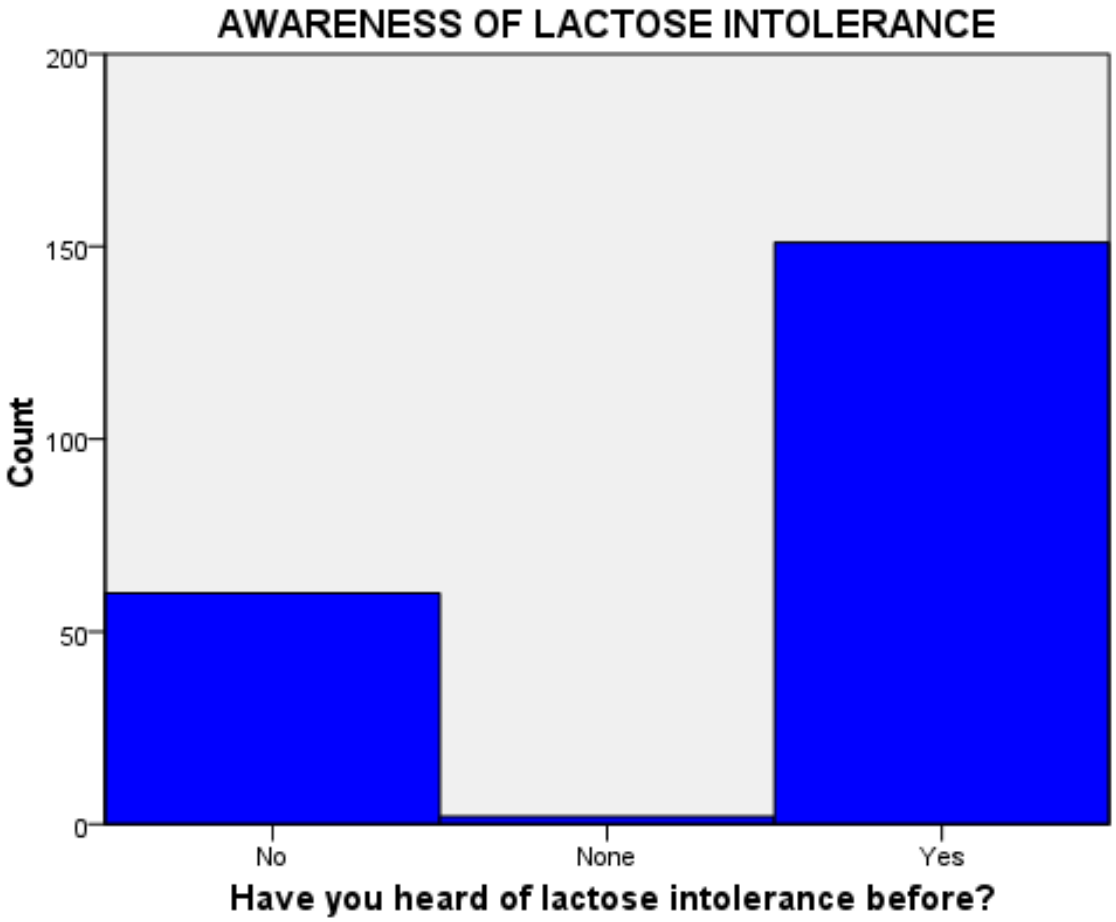
```
GRAPH
  /BAR(SIMPLE)=PCT BY Maritalstatus
  /TITLE='DEMOGRAPHIC INFORMATION '.
```

Graph



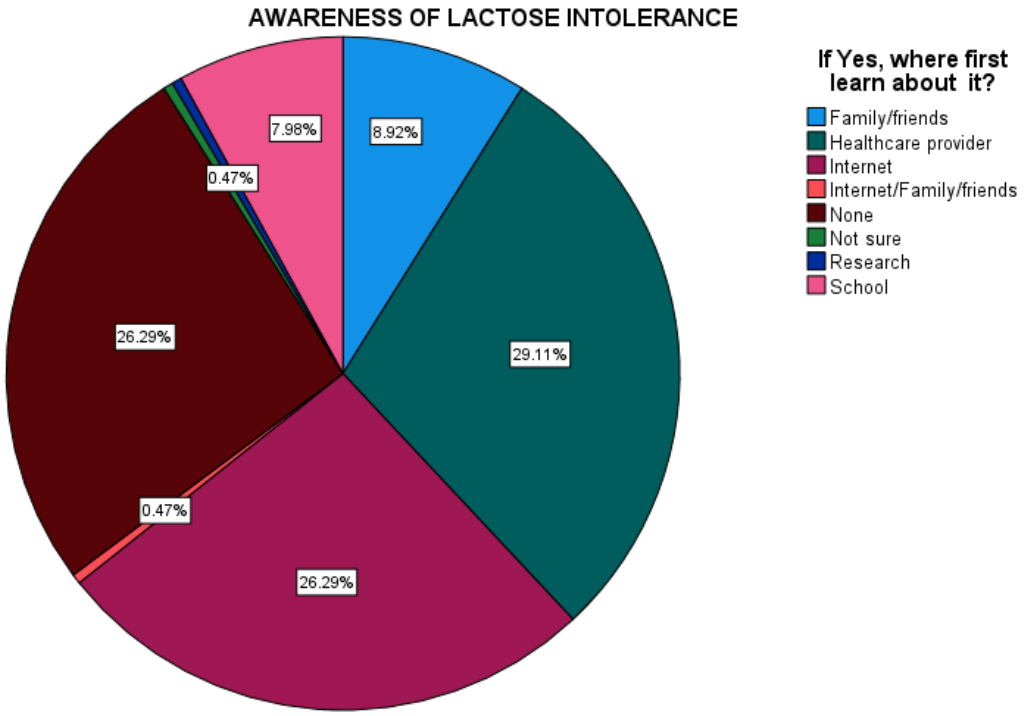

```
GGRAPH
  /GRAPHDATASET NAME="graphdataset"
    VARIABLES=Haveyouheardoflactoseintolerancebefore[LEVEL=nominal]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Histogram"[LOCATION=LOCAL]
    MAPPING( "x"="Haveyouheardoflactoseintolerancebefore"[DATASET="graphdataset"]
"Summary"="count"
    "Title"='AWARENESS OF LACTOSE INTOLERANCE'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='HISTOGRAM: Haveyouheardoflactoseintolerancebefore'
    DEFAULTTEMPLATE=NO.
```

GGraph



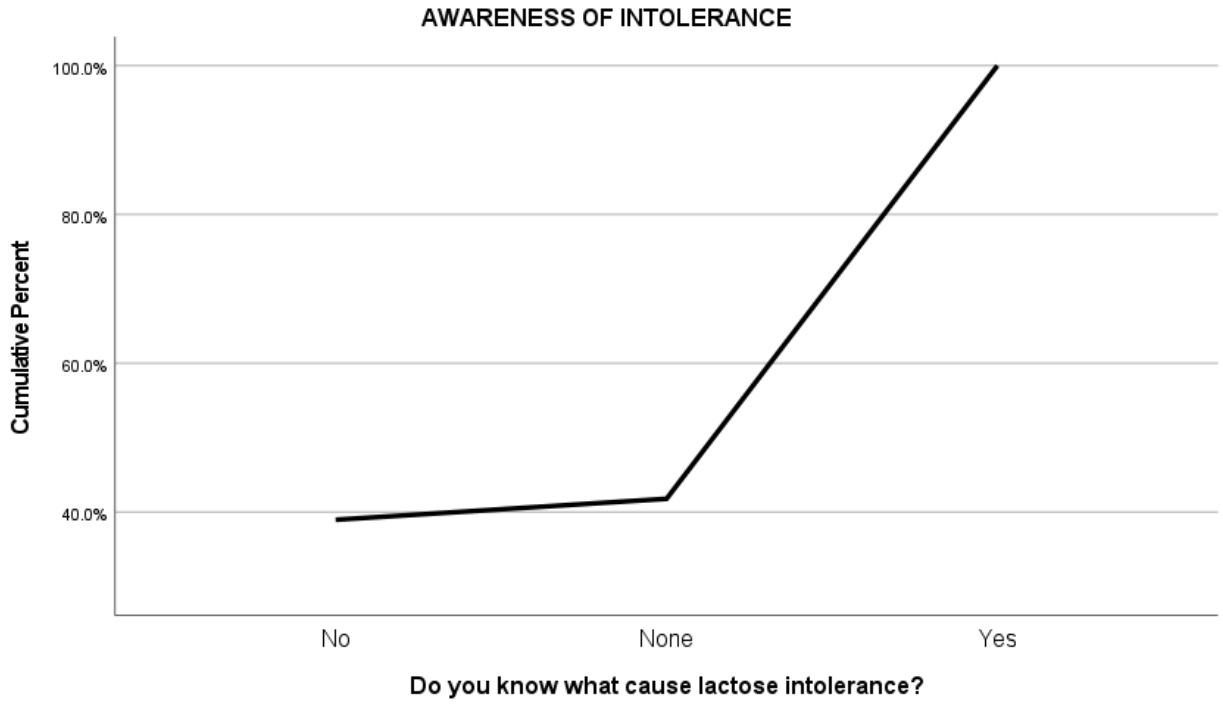

```
GRAPH
  /PIE=PCT BY IfYeswherefirstlearnaboutit
  /TITLE='AWARENESS OF LACTOSE INTOLERANCE'.
```

Graph




```
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\MICHAEL JELEMON\Desktop\S.Clearn data\Untitled2.sav'
  /COMPRESSED.
GRAPH
  /LINE(SIMPLE)=CUPCT BY Doyouknowwhatcauselactoseintolerance
  /TITLE='AWARENESS OF INTOLERANCE'.
```

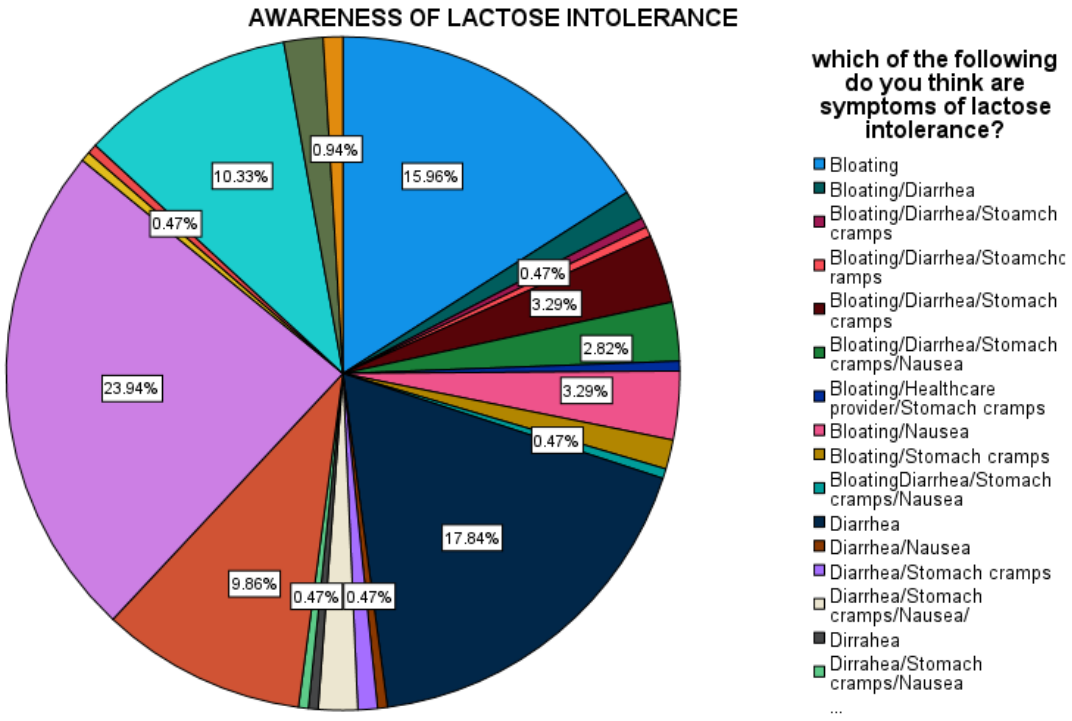
Graph



The provided text analyzes a line chart on awareness of lactose intolerance causes. It reveals that about 40% of respondents do not know what causes lactose intolerance, highlighting a significant knowledge gap. Conversely, 60% claim to know the cause. The analysis emphasizes that this lack of fundamental knowledge directly hinders effective self-management for those unaware. It stresses the need for clear, accessible information to improve understanding and enable better management of the condition.

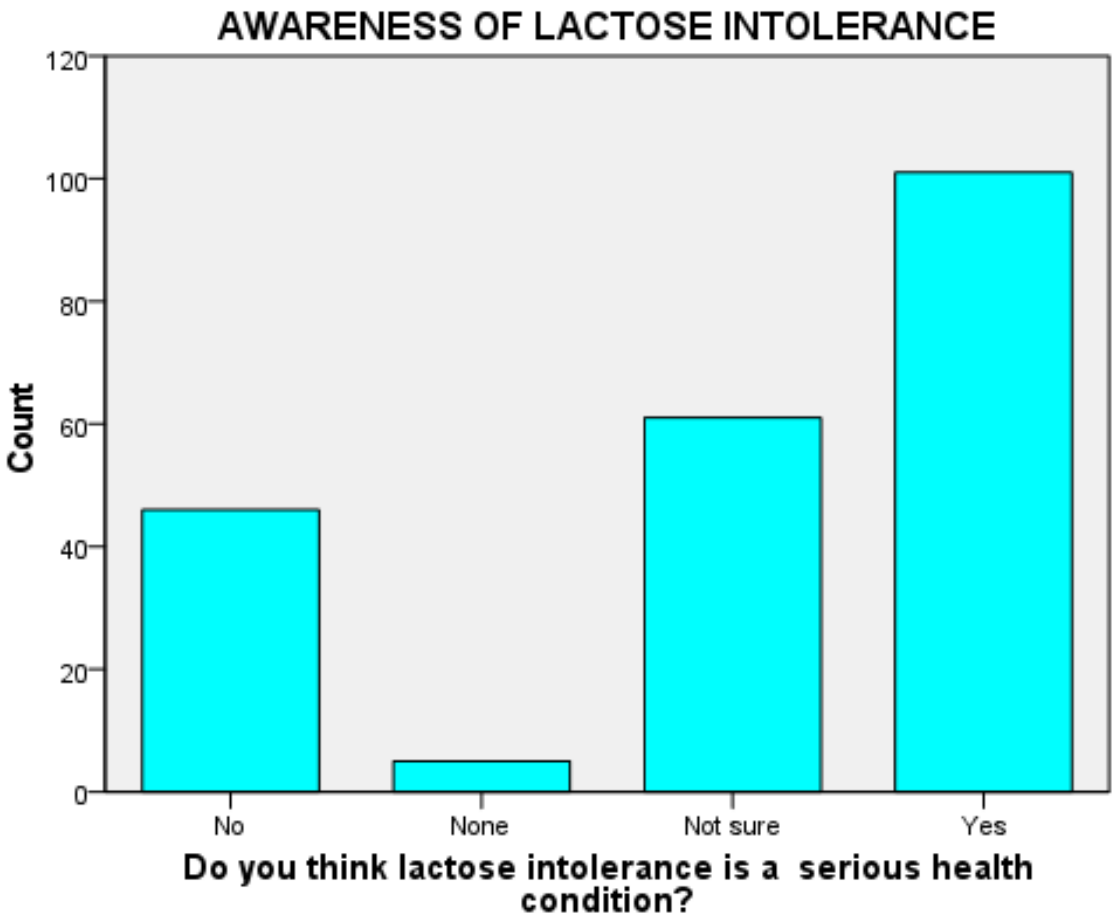
```
GRAPH
  /PIE=PCT BY whichofthefollowingdoyouthinkaresymptomsoflactoseintolerance
  /TITLE='AWARENESS OF LACTOSE INTOLERANCE'.
```

Graph



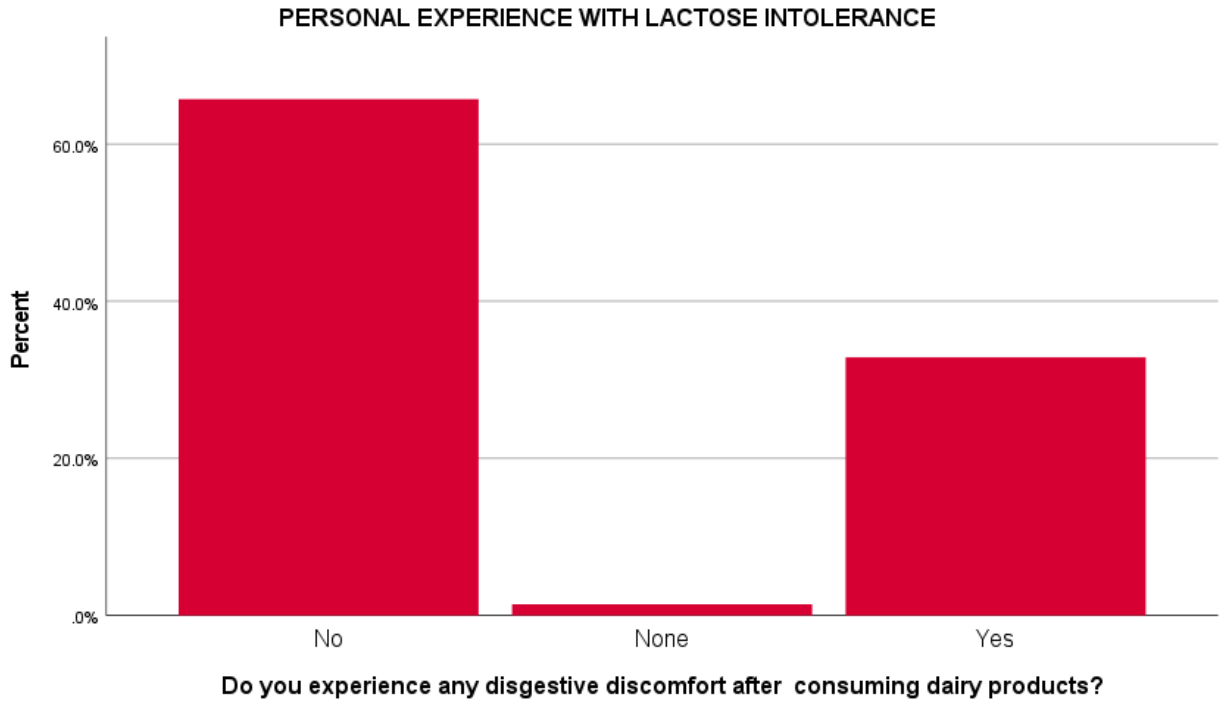

```
GGRAPH
  /GRAPHDATASET NAME="graphdataset"
    VARIABLES=Doyouthinklactoseintoleranceisaserioushealthcondition[LEVEL=nominal]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Bar of Counts"[LOCATION=LOCAL]

MAPPING( "categories"="Doyouthinklactoseintoleranceisaserioushealthcondition"[DATASET=
    "graphdataset"] "Summary"="count" "Title"='AWARENESS OF LACTOSE INTOLERANCE'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='BAR OF COUNTS: Doyouthinklactoseintoleranceisaserioushealthcondition'
    DEFAULTTEMPLATE=NO.
```

GGraph



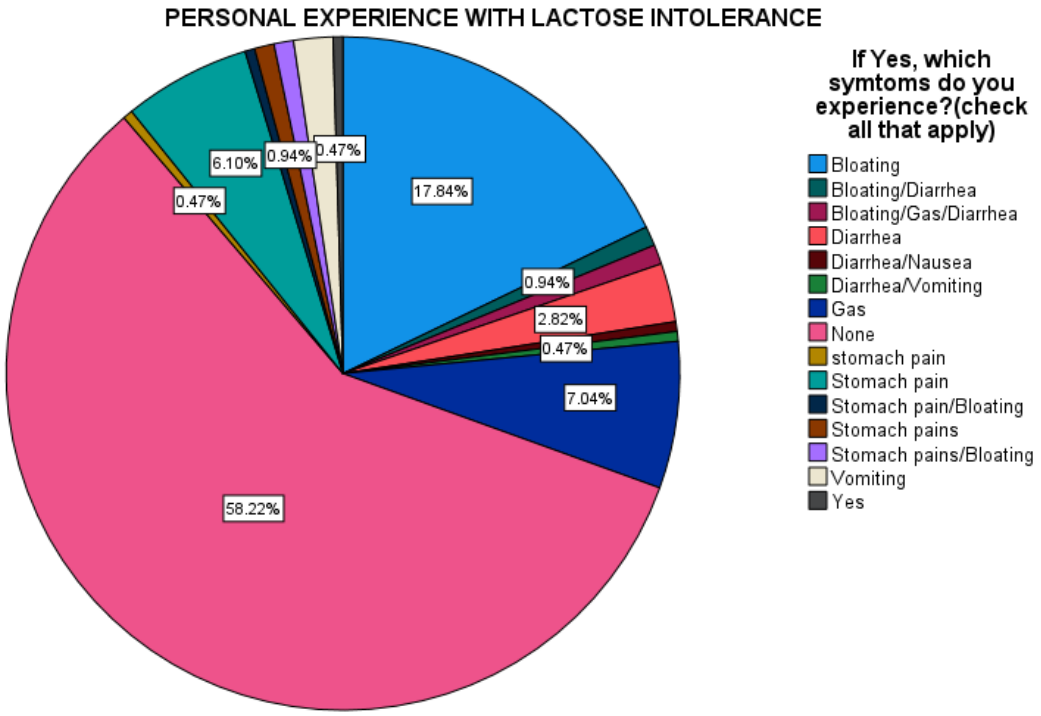

```
GRAPH
  /BAR(SIMPLE)=PCT BY Doyouexperienceanydisgestivediscomfortafterconsumingdairyproduct
  /TITLE='PERSONAL EXPERIENCE WITH LACTOSE INTOLERANCE'.
```

Graph



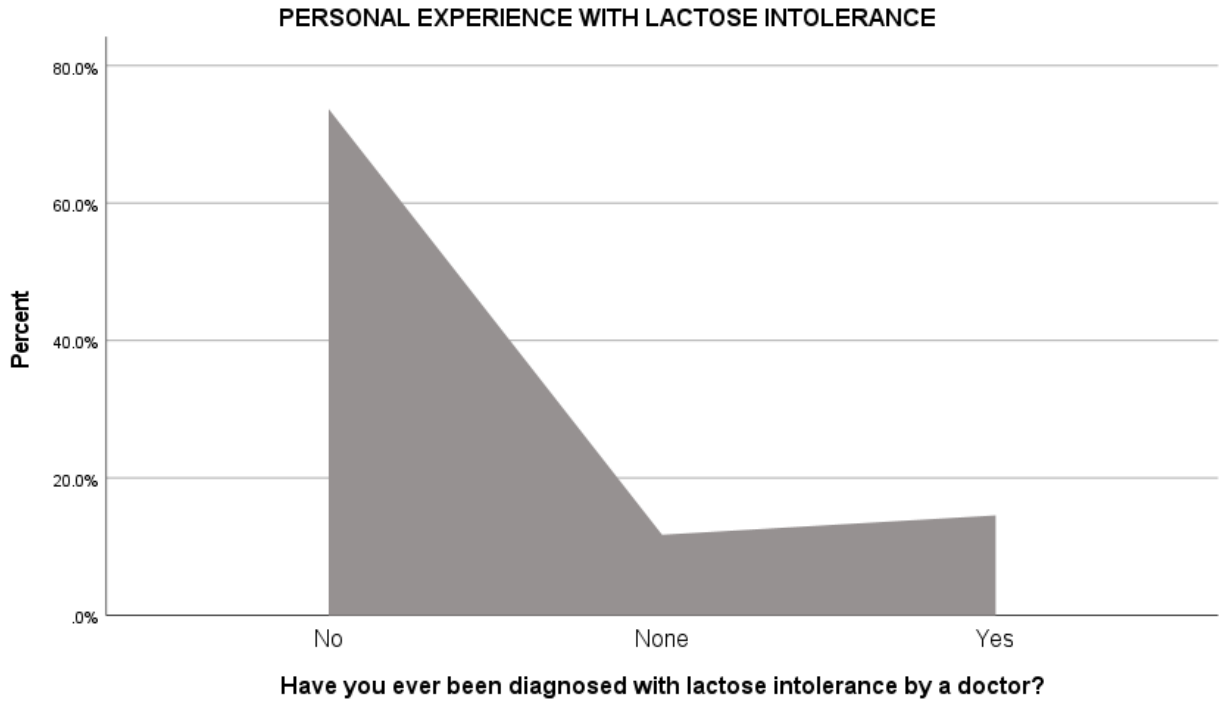

```
GRAPH
  /PIE=PCT BY IfYeswhichsymtomsdoyouexperiencecheckallthatapply
  /TITLE='PERSONAL EXPERIENCE WITH LACTOSE INTOLERANCE'.
```

Graph




```
GRAPH
  /LINE(AREA)=PCT BY Haveyoueverbeendiagnosedwithlactoseintolerancebyadoctor
  /TITLE='PERSONAL EXPERIENCE WITH LACTOSE INTOLERANCE'.
```

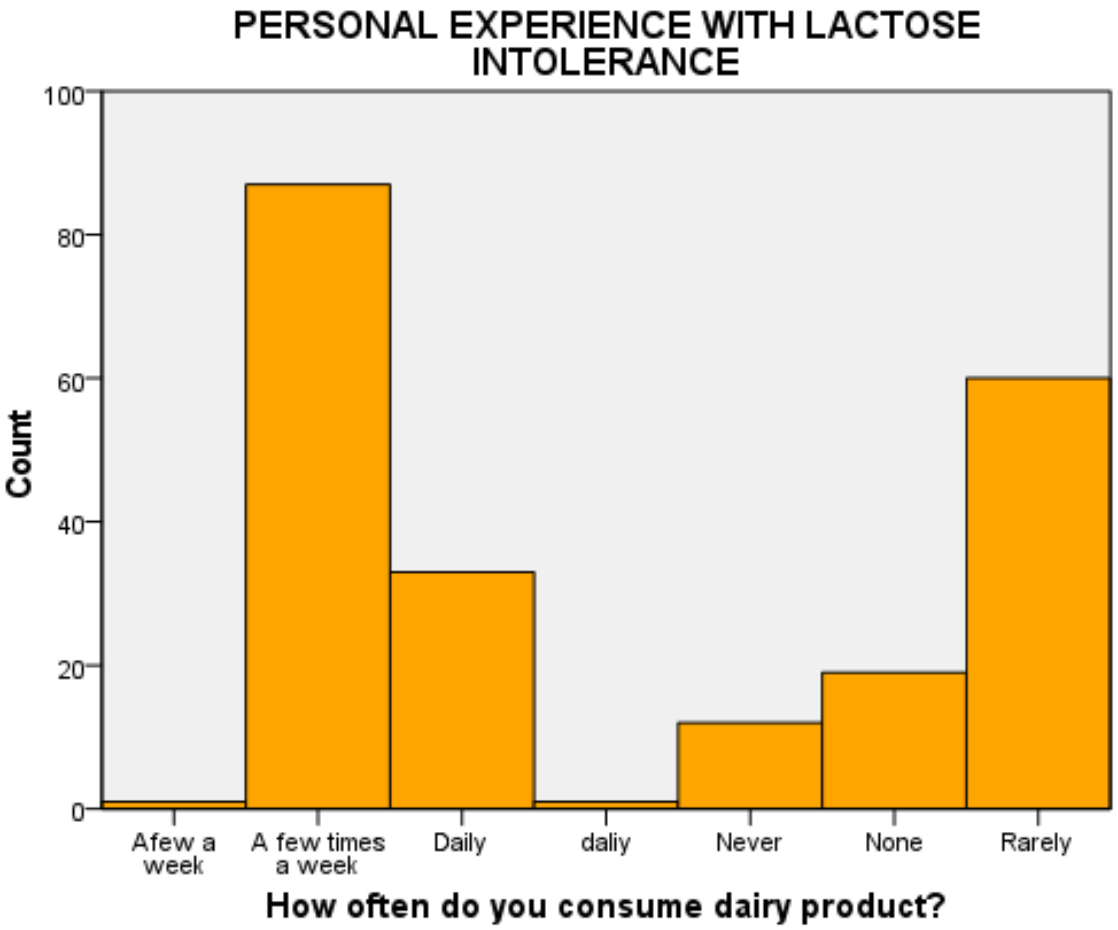
Graph



The provided text analyzes a line chart on doctor-diagnosed lactose intolerance, showing that a large majority (around 75%) of respondents have not received a formal diagnosis, while only a small percentage (14-15%) have. This indicates significant under-diagnosis, possibly due to self-management or not seeking medical attention. The text emphasizes that a formal diagnosis is crucial for effective and informed management, highlighting the need to encourage medical consultation for those experiencing symptoms.

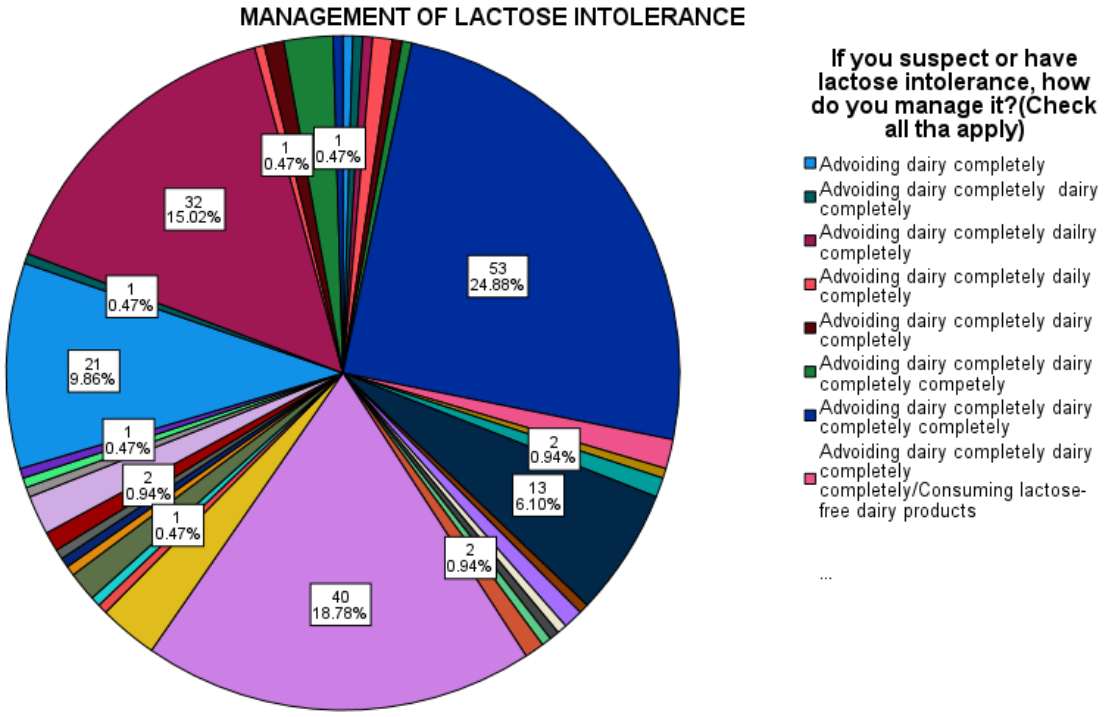
```
GGRAPH
  /GRAPHDATASET NAME="graphdataset"
    VARIABLES=Howoftendoyouconsumedairyproduct[LEVEL=nominal]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Histogram"[LOCATION=LOCAL]
    MAPPING( "x"="Howoftendoyouconsumedairyproduct"[DATASET="graphdataset"]
"Summary"="count"
    "Title"='AWARENESS OF LACTOSE INTOLERANCE'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='HISTOGRAM: Howoftendoyouconsumedairyproduct'
    DEFAULTTEMPLATE=NO.
```

GGraph



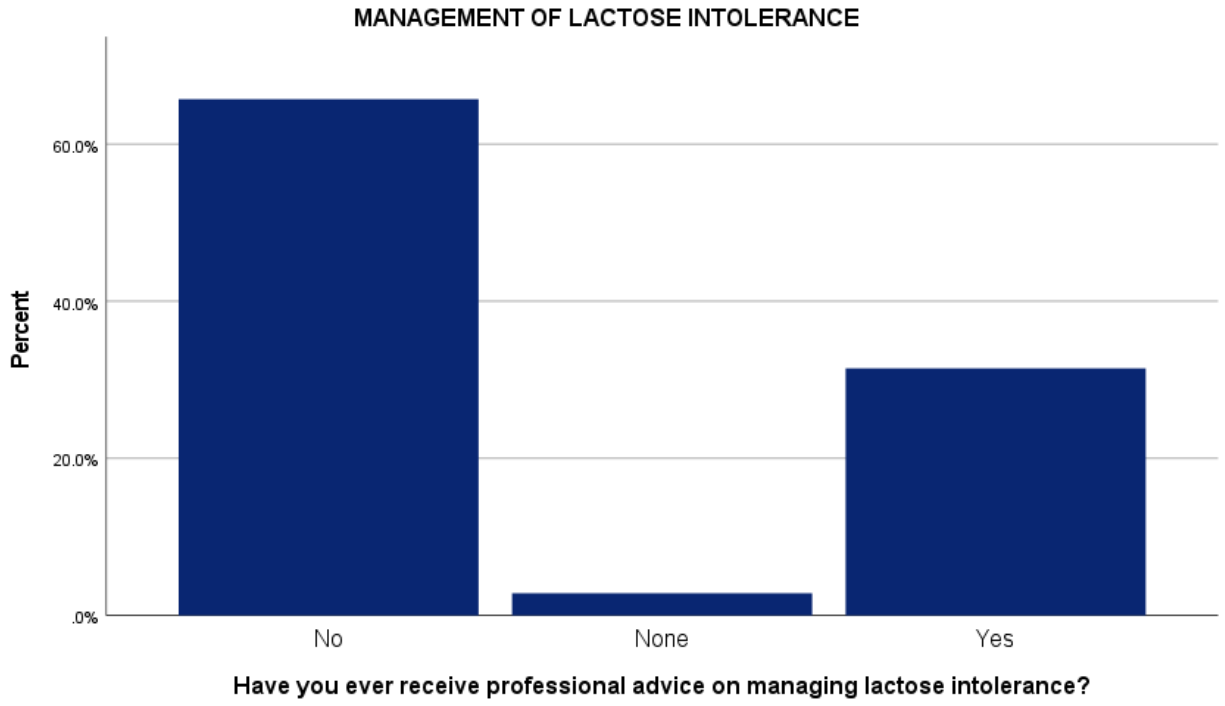

```
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\MICHAEL JELEMON\Desktop\S.Clearn data\Untitled2.sav'
  /COMPRESSED.
GRAPH
  /PIE=COUNT BY Ifyoususpectorhavelactoseintolerancehowdoyoumanageit Checkallthaa
  /TITLE='MANAGEMENT OF LACTOSE INTOLERANCE'.
```

Graph




```
GRAPH
  /BAR(SIMPLE)=PCT BY Haveyoueverreceiveprofessionaladviceonmanaginglactoseintolerance
  /TITLE='MANAGEMENT OF LACTOSE INTOLERANCE'.
```

Graph




```
GGRAPH
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VARIABLES=Doyouthinktherearеenoughlactosefeeefoodoptionavailableinyourcomm[LEVEL=nomin
al]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Histogram"[LOCATION=LOCAL]

MAPPING( "x"="Doyouthinktherearеenoughlactosefeeefoodoptionavailableinyourcomm"[DATASE
T=
    "graphdataset"] "Summary"="count" "Title"='MANAGEMENT OF LACTOSE INTOLERANCE'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='HISTOGRAM: Doyouthinktherearеenoughlactosefeeefoodoptionavailableinyourcomm'
    DEFAULTTEMPLATE=NO.
```
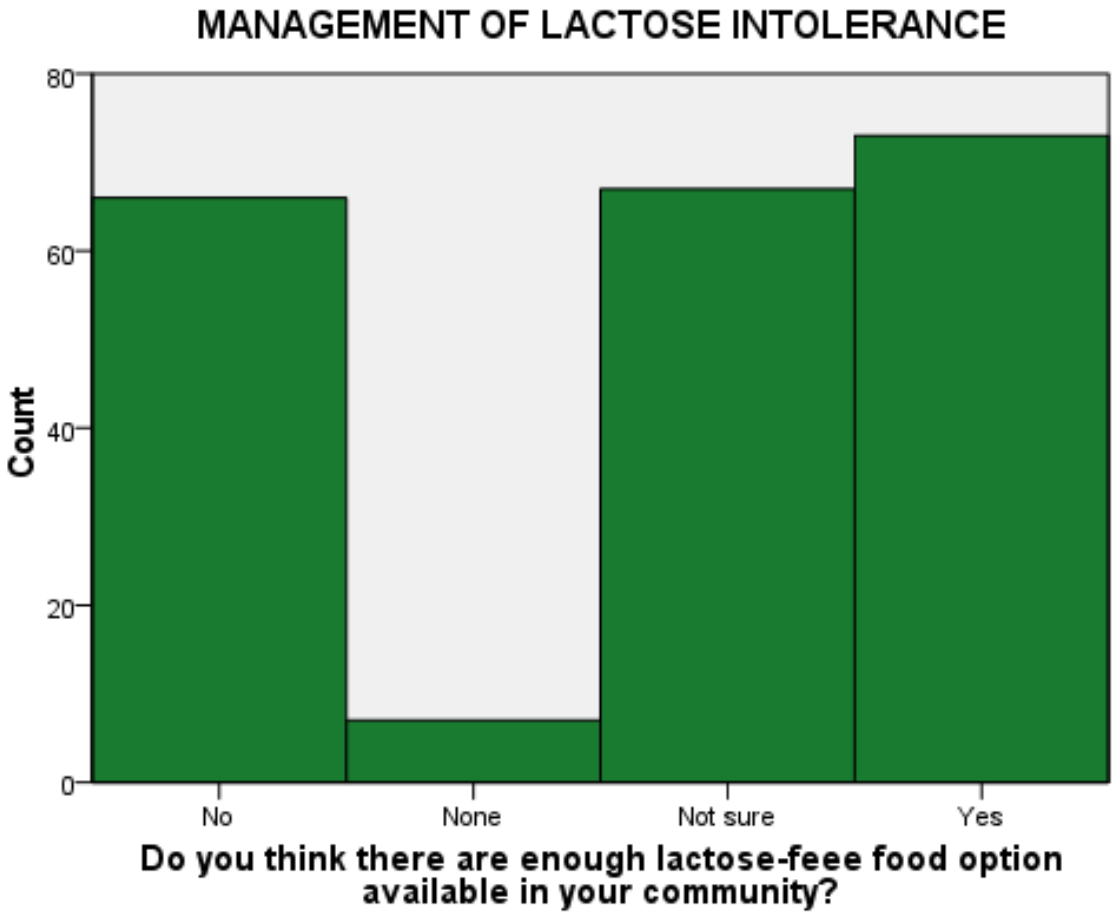
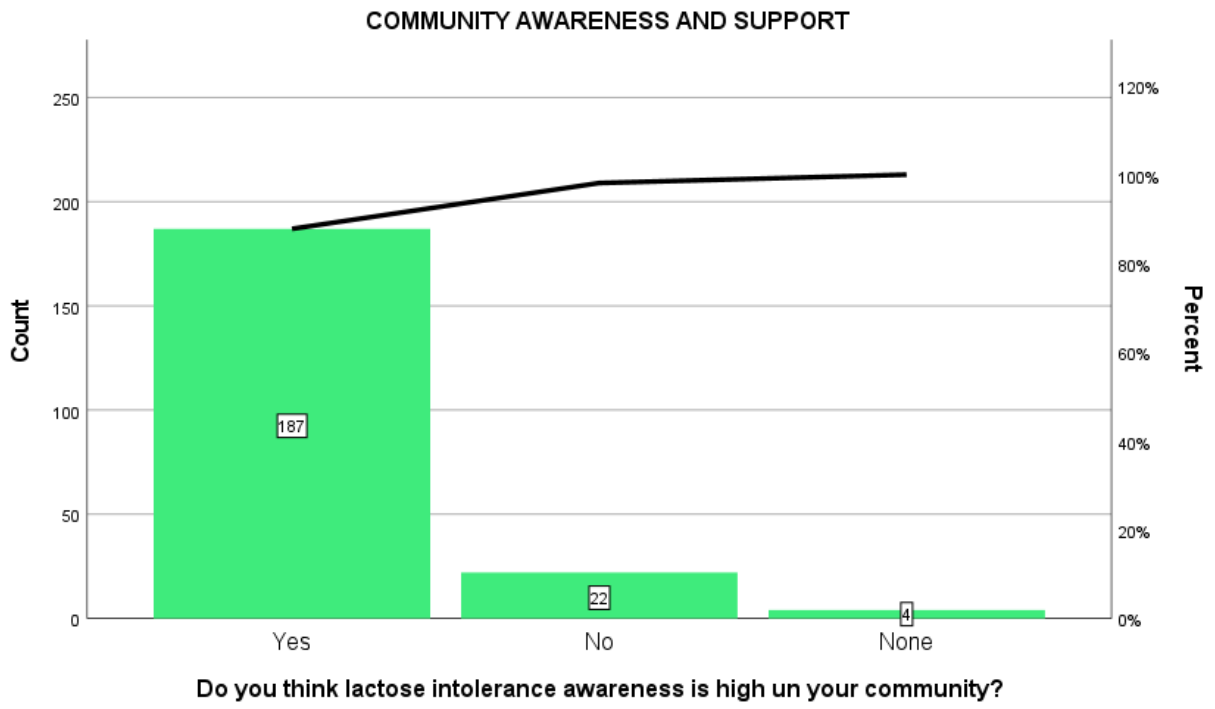

GGraph




```
GRAPH
  /PARETO (CUM SIMPLE)=COUNT BY
Doyouthinklactoseintoleranceawarenessishighunyourcommunity
  /TITLE='COMMUNITY AWARENESS AND SUPPORT' ''.
```

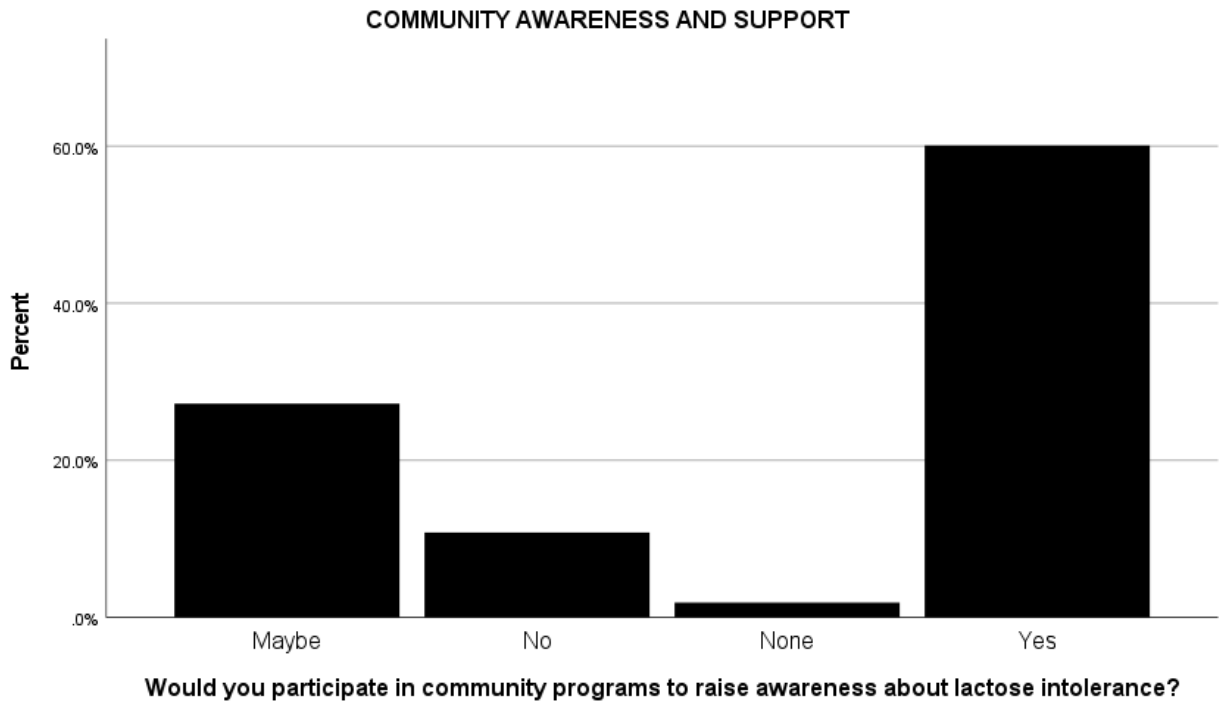
Graph



The provided chart, "COMMUNITY AWARENESS AND SUPPORT," is a combined bar and line chart illustrating responses to the question: "Do you think lactose intolerance awareness is high in your community?" The x-axis shows the responses: "Yes," "No," and "None." The left y-axis represents the "Count" (number of respondents), and the right y-axis represents the "Percent" (cumulative percentage). The chart shows that most people believe lactose intolerance awareness is high in their communities. This positive perception can foster community support for individuals with the condition. While general awareness seems good, it doesn't guarantee deep understanding or effective management practices. Therefore, the solution involves leveraging this existing awareness to promote more practical knowledge and better management strategies, such as reading food labels, using enzyme supplements, and encouraging professional diagnoses, while also addressing the smaller groups who perceive lower awareness.

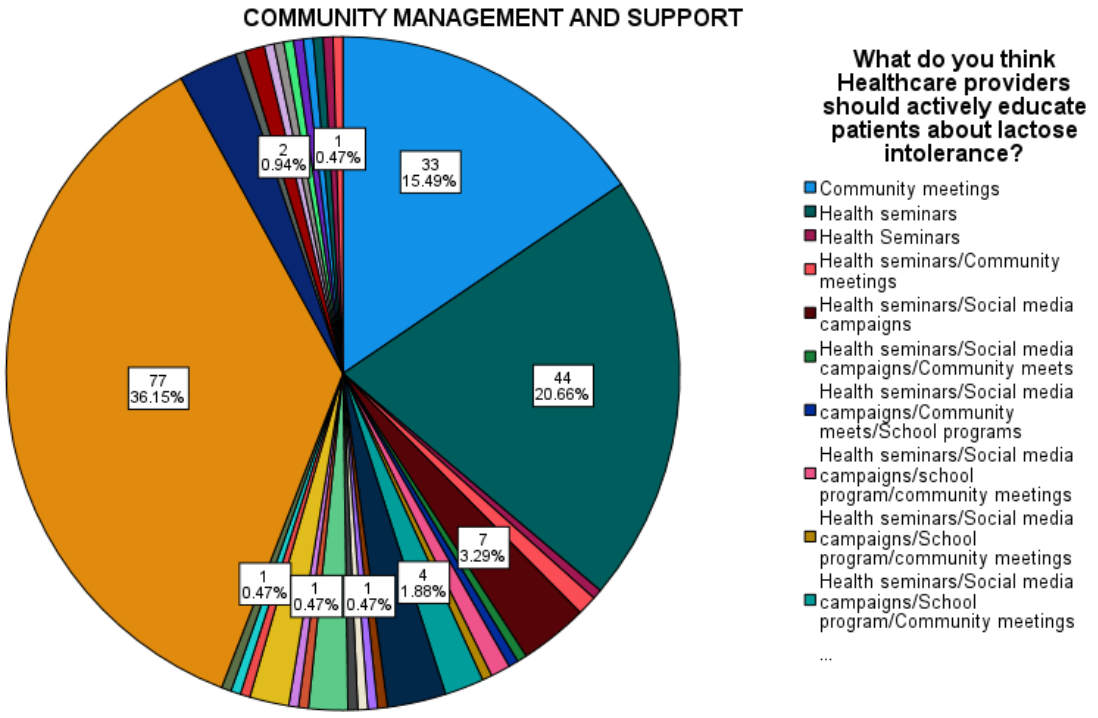
```
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\MICHAEL JELEMON\Desktop\S.Clearn data\Untitled2.sav'
  /COMPRESSED.
GRAPH
  /BAR(SIMPLE)=PCT BY Wouldyouparticipateincommunityprogramstoraiseawarenessaboutlacto
  /TITLE='COMMUNITY AWARENESS AND SUPPORT'.
```

Graph



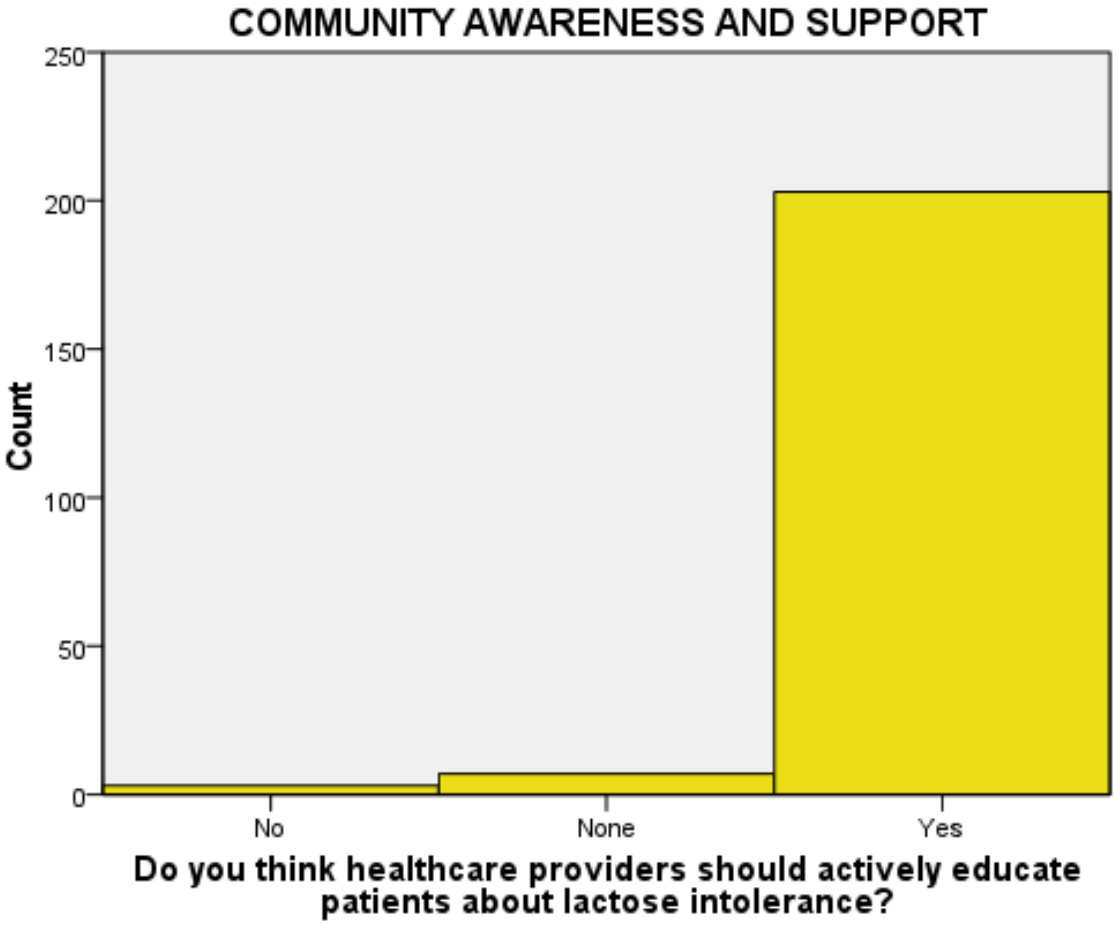

```
GRAPH
  /PIE=COUNT BY WhatdoyouthinkHealthcareprovidersshouldactivelyeducatepatientsab
  /TITLE='COMMUNITY MANAGEMENT AND SUPPORT'.
```

Graph



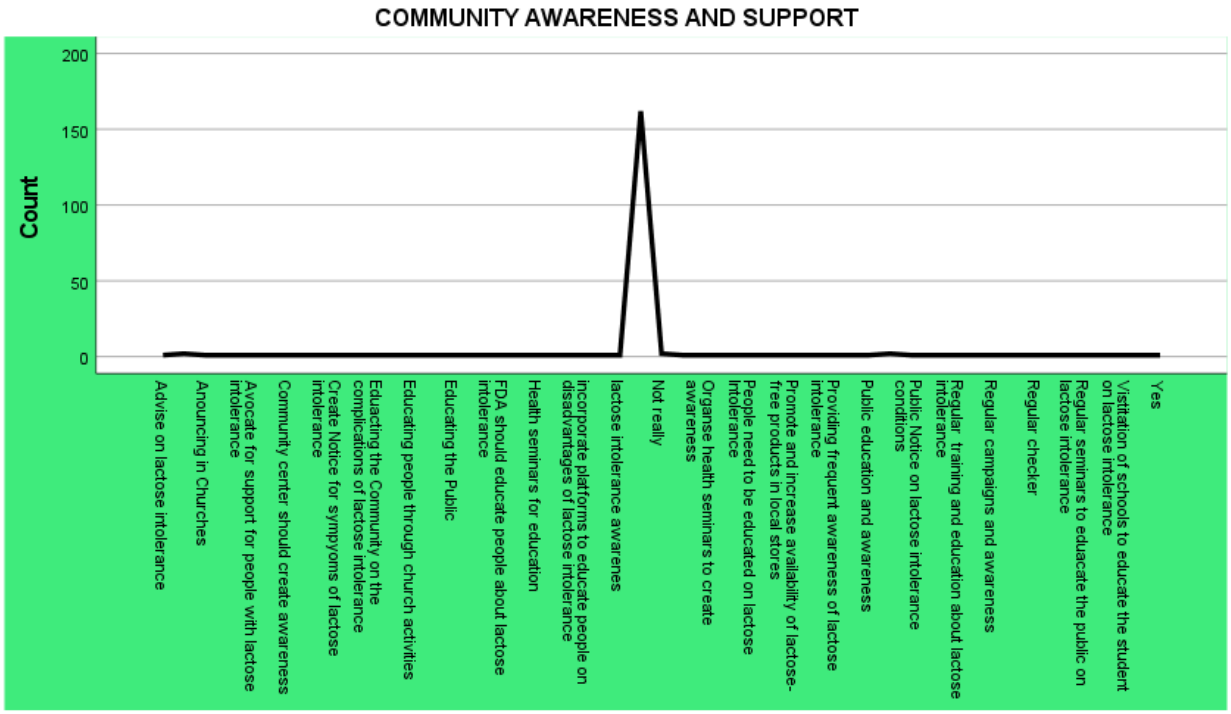

```
GGRAPH
  /GRAPHDATASET NAME="graphdataset"

VARIABLES=Doyouthinkhealthcareprovidersshouldactivelyeducatepatientsaboutl[LEVEL=nomin
al]
    MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=VIZTEMPLATE(NAME="Histogram"[LOCATION=LOCAL]

MAPPING( "x"="Doyouthinkhealthcareprovidersshouldactivelyeducatepatientsaboutl"[DATASE
T=
    "graphdataset"] "Summary"="count" "Title"='MANAGEMENT OF LACTOSE INTOLERANCE'))
    VIZSTYLESHEET="Traditional"[LOCATION=LOCAL]
    LABEL='HISTOGRAM: Doyouthinkhealthcareprovidersshouldactivelyeducatepatientsaboutl'
    DEFAULTTEMPLATE=NO.
```

GGraph




```
GRAPH
  /LINE(SIMPLE)=COUNT BY
Anyadditionalcommentsorsuggestiononimprovinglactoseintoleranceaw
  /TITLE='COMMUNITY AWARENESS AND SUPPORT'.
```

Graph



The provided chart, titled "COMMUNITY AWARENESS AND SUPPORT," is a line graph with a very wide x-axis representing numerous specific suggestions related to increasing lactose intolerance awareness and management. The y-axis on the left shows "Count," which represents the number of times each suggestion was mentioned or rated by respondents. The chart overwhelmingly shows that the primary perceived need in the community is for "lactose intolerance awareness." Although specific solutions were not widely suggested by respondents, the strong desire for increased awareness indicates that public health bodies and community organizations should proactively implement diverse and actionable strategies. These could include health seminars, public notices, educational campaigns in schools and churches, and general public education to improve understanding of lactose intolerance, its causes, symptoms, and effective management techniques.