DATA NORMALITY TEST

Descriptives

			Statistic	Std. Error
Dengue Vector Control	Mean		6.10	.193
	95% Confidence Interval for Mean	Lower Bound	5.72	
		Upper Bound	6.48	
	5% Trimmed Mean		6.10	
	Median		6.00	
	Variance		3.704	
	Std. Deviation		1.925	
	Minimum		0	
	Maximum		11	
	Range		11	
	Interquartile Range		2	
	Skewness		.012	.243
	Kurtosis		.628	.481

Descriptives

			Statistic	Std. Error
Knowledge	Mean		8.06	.205
	95% Confidence Interval for Mean	Lower Bound	7.65	
		Upper Bound	8.47	
	5% Trimmed Mean		8.09	
	Median		8.00	
	Variance		4.180	
	Std. Deviation		2.044	
	Minimum		3	
	Maximum		12	
	Range		9	
	Interquartile Range		2	
	Skewness		-.164	.243
	Kurtosis		-.135	.481

Descriptives

			Statistic	Std. Error
Attitude	Mean		31.61	.193
	95% Confidence Interval for Mean	Lower Bound	31.22	
		Upper Bound	31.99	
	5% Trimmed Mean		31.65	
	Median		31.00	
	Variance		3.690	
	Std. Deviation		1.921	
	Minimum		26	
	Maximum		37	
	Range		11	
	Interquartile Range		3	
	Skewness		-.284	.243
	Kurtosis		.345	.481

Descriptives

			Statistic	Std. Error
Availability of Infrastructure	Mean		.38	.049
	95% Confidence Interval for Mean	Lower Bound	.29	
		Upper Bound	.48	
	5% Trimmed Mean		.37	
	Median		.00	
	Variance		.239	
	Std. Deviation		.489	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.485	.243
	Kurtosis		-1.801	.481

Descriptives

			Statistic	Std. Error
The role of the larva monitoring coordinator	Mean		.40	.050
	95% Confidence Interval for Mean	Lower Bound	.31	
		Upper Bound	.50	
	5% Trimmed Mean		.39	
	Median		.00	
	Variance		.243	
	Std. Deviation		.493	
	Minimum		0	
	Maximum		1	
	Range		1	
	Interquartile Range		1	
	Skewness		.397	.243
	Kurtosis		-1.881	.481

UNIVARIATE ANALYSIS

Dengue Vector Control

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not good	62	62.6	62.6	62.6
	Good	37	37.4	37.4	100.0
	Total	99	100.0	100.0	

Knowledge

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Low	58	58.6	58.6	58.6
	High	41	41.4	41.4	100.0
	Total	99	100.0	100.0	

Attitude

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Negative	53	53.5	53.5	53.5
	Positive	46	46.5	46.5	100.0
	Total	99	100.0	100.0	

Availability of Infrastructure

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not good	61	61.6	61.6	61.6
	Good	38	38.4	38.4	100.0
	Total	99	100.0	100.0	

The role of the larva monitoring coordinator

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Less Role	59	59.6	59.6	59.6
	Play a Role	40	40.4	40.4	100.0
	Total	99	100.0	100.0	

BIVARIATE ANALYSIS

Knowledge * Dengue Vector Control Crosstabulation

			Dengue Vector Control		Total
			Not good	Good	
Knowledge	Low	Count	42	16	58
		% within Knowledge	72.4%	27.6%	100.0%
	High	Count	20	21	41
		% within Knowledge	48.8%	51.2%	100.0%
Total		Count	62	37	99
		% within Knowledge	62.6%	37.4%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.732[a]	1	.017		
Continuity Correction[b]	4.767	1	.029		
Likelihood Ratio	5.723	1	.017		
Fisher's Exact Test				.021	.015
Linear-by-Linear Association	5.674	1	.017		
N of Valid Cases	99				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 15.32.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Knowledge (Low / High)	2.756	1.189	6.388
For cohort Dengue Vector Control = Not good	1.484	1.044	2.110
For cohort Dengue Vector Control = Good	.539	.322	.900
N of Valid Cases	99		

Attitude * Dengue Vector Control Crosstabulation

			Dengue Vector Control		Total
			Not good	Good	
Attitude	Negative	Count	39	14	53
		% within Attitude	73.6%	26.4%	100.0%
	Positive	Count	23	23	46
		% within Attitude	50.0%	50.0%	100.0%
Total		Count	62	37	99
		% within Attitude	62.6%	37.4%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.853[a]	1	.016		
Continuity Correction[b]	4.888	1	.027		
Likelihood Ratio	5.892	1	.015		
Fisher's Exact Test				.022	.013
Linear-by-Linear Association	5.793	1	.016		
N of Valid Cases	99				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 17.19.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Attitude (Negative / Positive)	2.786	1.202	6.458
For cohort Dengue Vector Control = Not good	1.472	1.057	2.049
For cohort Dengue Vector Control = Good	.528	.310	.901
N of Valid Cases	99		

Availability of Infrastructure * Dengue Vector Control Crosstabulation

			Dengue Vector Control		Total
			Not good	Good	
Availability of Infrastructure	Not good	Count	47	14	61
		% within Availability of Infrastructure	77.0%	23.0%	100.0%
	Good	Count	15	23	38
		% within Availability of Infrastructure	39.5%	60.5%	100.0%
Total		Count	62	37	99
		% within Availability of Infrastructure	62.6%	37.4%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	14.124[a]	1	.000		
Continuity Correction[b]	12.564	1	.000		
Likelihood Ratio	14.160	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	13.982	1	.000		
N of Valid Cases	99				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 14.20.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Availability of Infrastructure (Not good / Good)	5.148	2.129	12.445
For cohort Dengue Vector Control = Not good	1.952	1.287	2.961
For cohort Dengue Vector Control = Good	.379	.224	.642
N of Valid Cases	99		

The role of the larva monitoring coordinator * Dengue Vector Control Crosstabulation

			Dengue Vector Control		Total
			Not good	Good	
The role of the larva monitoring coordinator	Less Role	Count	44	15	59
		% within The role of the larva monitoring coordinator	74.6%	25.4%	100.0%
	Play a Role	Count	18	22	40
		% within The role of the larva monitoring coordinator	45.0%	55.0%	100.0%
Total		Count	62	37	99
		% within The role of the larva monitoring coordinator	62.6%	37.4%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	8.909[a]	1	.003		
Continuity Correction[b]	7.690	1	.006		
Likelihood Ratio	8.911	1	.003		
Fisher's Exact Test				.003	.003
Linear-by-Linear Association	8.819	1	.003		
N of Valid Cases	99				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 14.95.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for The role of the larva monitoring coordinator (Less Role / Play a Role)	3.585	1.524	8.432
For cohort Dengue Vector Control = Not good	1.657	1.141	2.408
For cohort Dengue Vector Control = Good	.462	.275	.777
N of Valid Cases	99		

MULTIVARIATE ANALYSIS

BIVARIATE SELECTION

Knowledge

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.723	1	.017
	Block	5.723	1	.017
	Model	5.723	1	.017

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Knowledge	1.014	.429	5.589	1	.018	2.756	1.189	6.388
	Constant	-.965	.294	10.791	1	.001	.381		

a. Variable(s) entered on step 1: Knowledge.

Attitude

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.892	1	.015
	Block	5.892	1	.015
	Model	5.892	1	.015

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Attitude	1.025	.429	5.704	1	.017	2.786	1.202	6.458
	Constant	-1.025	.312	10.813	1	.001	.359		

a. Variable(s) entered on step 1: Attitude.

Availability of Infrastructure

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14.160	1	.000
	Block	14.160	1	.000
	Model	14.160	1	.000

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Availability of Infrastructure	1.639	.450	13.235	1	.000	5.148	2.129	12.445
	Constant	-1.211	.304	15.822	1	.000	.298		

a. Variable(s) entered on step 1: Availability of Infrastructure.

The Role of The Larva Monitoring Coordinator

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	8.911	1	.003
	Block	8.911	1	.003
	Model	8.911	1	.003

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	The role of the larva monitoring coordinator	1.277	.436	8.562	1	.003	3.585	1.524	8.432
	Constant	-1.076	.299	12.955	1	.000	.341		

a. Variable(s) entered on step 1: The role of the larva monitoring coordinator.

MULTIVARIATE MODELING

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Knowledge	.900	.495	3.306	1	.069	2.460	.932	6.491
	Attitude	1.171	.498	5.524	1	.019	3.224	1.215	8.559
	Availability of Infrastructure	1.247	.491	6.452	1	.011	3.479	1.329	9.105
	The role of the larva monitoring coordinator	1.179	.496	5.652	1	.017	3.251	1.230	8.591
	Constant	-2.537	.544	21.781	1	.000	.079		

a. Variable(s) entered on step 1: Knowledge, Attitude, Availability of Infrastructure, The role of the larva monitoring coordinator.

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Attitude	1.082	.485	4.984	1	.026	2.950	1.141	7.627
	Availability of Infrastructure	1.392	.479	8.453	1	.004	4.023	1.574	10.283
	The role of the larva monitoring coordinator	1.191	.487	5.973	1	.015	3.290	1.266	8.550
	Constant	-2.165	.481	20.272	1	.000	.115		

a. Variable(s) entered on step 1: Attitude, Availability of Infrastructure, The role of the larva monitoring coordinator.