

## SMT1

Factors associated with *pirA* gene-positive shrimp, determined by logistic regression

Variable	Class	n	+	%+	OR	IC		Chi-square	p
						LL	UL		
Season	Dry	36	10	27.78 %					
	Rainy	36	21	58.33 %	3.64	1.36	9.75	6.85	0.009
Presence of the <i>pirA</i> gen in water	Negative	42	12	28.57 %					
	Positive	30	19	63.33 %	4.32	1.59	11.74	8.62	0.003
Presence of the <i>pirB</i> gene in water	Negative	36	6	16.67 %					
	Positive	36	25	69.44 %	11.36	3.68	35.09	20.45	0.000
Presence of the <i>tlh</i> gene in water	Negative	42	13	30.95 %					
	Positive	30	18	60.00 %	3.34	1.25	8.92	6.03	0.01
Collection time	Sampling two (22-30 days)	24	6	25.00 %					
	Sampling three (42-49 days)	24	14	58.33 %	4.20	1.23	14.36	5.49	0.019

n: Number of individuals of the class, +: Number of positive in qPCR, %+: Percentage of positive in that stratum, OR: Odds Ratio, CI: Confidence Interval (95%), LL: Lower Limit, UL: Upper Limit, p: Probability.

## SMT2

Factors associated with *pirB* gene-positive shrimp, determined by logistic regression

Variable	Class	n	+	%+	OR	IC LL	UL	Chi- square	P
Season	Dry	36	12	33.33 %					
	Rainy	36	21	58.33 %	2.8	1.07	7.30	4.53	0.033
Presence of the <i>pirA</i> gen in water	Negative	42	14	33.33 %					
	Positive	30	19	63.33 %	3.45	1.29	9.22	6,34	0.012
Presence of the <i>pirB</i> gene in water	Negative	36	8	22.22 %					
	Positive	36	25	69.44 %	7.95	2.76	22.92	16.17	<0.001
Presence of the <i>tlh</i> gene in water	Negative	42	14	33.34 %					
	Positive	30	19	63.34 %	3.45	1.29	9.21	6.34	0.012
Collection time	Sampling two (22-30 days)	24	7	29.17 %					
	Sampling three (42-49 days)	24	14	58.33 %	3.4	1.03	11.26	4.15	0.042

n: Number of individuals of the class, +: Number of positive in qPCR, %+: Percentage of positive in that stratum, OR: Odds Ratio, CI: Confidence Interval (95 %), LL: Lower Limit, UL: Upper Limit, p: Probability.

SMT3

Factors associated with *V. parahaemolyticus* positive (*tlh*+) shrimp, determined by logistic regression

Variable	Class	n	+	%+	OR	IC		Chi-square	p
						LL	UL		
Season	Dry	36	3	8.33 %					
	Rainy	36	21	58.33 %	15.40	3.97	59.70	20.25	0.000
Presence of the <i>tlh</i> gene in water	Negative	42	6	14.29 %					
	Positive	30	18	60.00 %	9.00	2.90	27.90	16.45	0.000

n: Number of individuals of the class, +: Number of positive in qPCR, %+: Percentage of positive in that stratum, OR: Odds Ratio, CI: Confidence Interval (95%), LL: Lower Limit, UL: Upper Limit, p: Probability.