

Table 1 Chi-square (χ^2) test for a sex ratio of 0.5 for the Omani Indian oil sardine (*S. longiceps*) during the sampling months

Months	T	F	M	Sex ratio	χ^2 value	Months	T	F	M	Sex ratio	χ^2 value
Jan-97	127	70	57	0.55	1.330	May-05	41	27	14	0.66	4.12**
Feb-97	123	67	56	0.54	0.984	Jun-05	40	34	6	0.85	27.90**
Mar-97	101	55	46	0.54	0.802	Jul-05	40	30	10	0.75	10.00**
Apr-97	184	106	78	0.58	4.261*	Aug-05	30	20	10	0.67	3.33
May-97	110	59	51	0.54	0.582	Sep-05	41	21	20	0.51	0.02
Jun-97	106	48	58	0.45	0.943	Nov-05	40	26	14	0.65	3.60
Jul-97	52	36	16	0.69	7.690**	Apr-06	39	21	18	0.54	0.23
Aug-97	79	64	15	0.81	30.390**	May-06	42	30	12	0.71	7.71**
Sep-97	203	126	77	0.62	11.830**	Jun-06	40	34	6	0.85	19.60
Oct-97	94	94	0	1.00	94.000**	Sep-06	40	30	10	0.75	10.00**
Nov-97	75	55	20	0.73	16.330**	Dec-06	40	27	13	0.68	4.90*
Dec-97	119	79	40	0.66	12.780**	Jan-07	38	11	27	0.29	6.74**
Jan-98	60	27	33	0.45	0.600	Feb-07	40	23	17	0.58	0.90
Feb-98	29	19	10	0.66	2.793	Mar-07	40	29	11	0.73	8.10**
Jan-04	42	25	17	0.60	1.520	May-07	40	23	17	0.58	0.90
Apr-04	50	42	8	0.84	23.120**	Jun-07	40	34	6	0.85	19.60**
May-04	30	17	13	0.57	0.530	Aug-07	40	28	12	0.70	6.40*
Jun-04	34	19	15	0.56	0.470	Sep-07	40	27	13	0.68	4.90*
Jul-04	41	23	18	0.56	0.610	Oct-07	40	19	21	0.48	0.10
Sep-04	40	27	13	0.68	4.900*	Dec-07	40	32	8	0.80	14.40**
Oct-04	40	25	15	0.63	2.500	Jan-08	39	25	14	0.64	3.10
Nov-04	45	38	7	0.84	21.000**	Apr-08	40	39	1	0.98	36.10**
Dec-04	44	31	13	0.70	7.360**	May-08	40	28	12	0.70	6.40*
Feb-05	40	30	10	0.75	10.00**	Jun-08	40	25	15	0.63	2.50
Mar-05	38	35	3	0.92	27.00**	Aug-08	40	18	22	0.45	0.40
Apr-05	40	22	18	0.55	0.40	Sep-08	40	37	3	0.93	28.90**

Note: T: total; F: female; M: male; *P < 0.05, **P < 0.01