

Table 4: Sex ratio and Chi² analysis of fish species from Badagry creek, Nigeria

S/N	Fish species	Abundance			sex ratio	Chi ²	
		Male	Female	N		X ² cal	X ² tab
1	<i>Chrysichthys nigrodigitatus</i>	70	52	122	1:0.74	2.66	3.84
2	<i>Marcuseneniussenegalensis</i>	10	18	28	1:1.8	2.29	3.84
3	<i>Tilapia zilli</i>	103	96	199	1:0.93	0.25	3.84
4	<i>Chrysichthys auratus longifilis</i>	56	56	112	1:1	0.00	3.84
5	<i>Pomadasys peroteti</i>	22	35	57	1:1.59	2.96	3.84
6	<i>Tilapia guinensis</i>	48	37	85	1:0.77	1.42	3.84
7	<i>Pomadasys jubelini</i>	20	24	44	1:1.2	0.36	3.84
8	<i>Gymnarchus niloticus</i>	14	22	36	1:1.57	1.78	3.84
9	<i>Sarotherodon melanotheron</i>	21	14	35	1:0.67	1.40	3.84
10	<i>Tilapia mariae</i>	25	41	66	1:1.64	3.88	3.84
11	<i>Oreochromis niloticus</i>	28	35	63	1:1.25	0.78	3.84
12	<i>Bathygobius soporator</i>	61	100	161	1:64	9.45	3.84
		478	530	1008	1:1.1	2.68	3.84