

Table 6 Analysis of variance (ANOVA) in *K. pelamis* from the coast of Karachi

Metals	Effect	Sum of square	df	Mean square	F	p
Fe	Organs	5	4	1	3363	0.000
	Season	85765	3	28588	81	0.000
	Year	128197	5	32049	9	0.000
	Organs * Season	197096	12	16425	5	0.000
	Organs * Year	297154	16	18572	5	0.000
	Season * Year	107487	12	8957	3	0.003
	Organs * Season * Year	462903	48	9644	3	0.000
	Error	5435104	1525	3564		
	Total	8	1625			
	Corrected Total	7	1624			
Mn	Organs	282224	4	70556	1761	0.000
	Season	86	3	29	1	0.544
	Year	1286	5	322	8	0.000
	Organs * Season	549	12	46	1	0.322
	Organs * Year	1799	16	112	3	0.000
	Season * Year	705	12	59	1	0.130
	Organs * Season * Year	4127	48	86	2	0.000
	Error	61113	1525	40		
	Total	692102	1625			
	Corrected Total	361252	1624			
Cu	Organs	548994	4	137248	1789	0.000
	Season	412	3	137	2	0.147
	Year	2190	5	548	7	0.000
	Organs * Season	430	12	36	0.5	0.934
	Organs * Year	7229	16	452	6	0.000
	Season * Year	606	12	50	0.7	0.793
	Organs * Season * Year	4264	48	89	1	0.216
	Error	117024	1525	77		
	Total	998302	1625			
	Corrected Total	694212	1624			
Zn	Organs	420277	4	105069	1472	0.000
	Season	121	3	40	0.6	0.637
	Year	3833	5	958	13	0.000
	Organs * Season	521	12	43	0.6	0.837
	Organs * Year	7099	16	444	6	0.000
	Season * Year	1890	12	158	2	0.010
	Organs * Season * Year	7100	48	148	2	0.000
	Error	108859	1525	71		
	Total	817089	1625			
	Corrected Total	561078	1624			

Note: * = significant at $P < 0.05$