

Table A.1. ANOVA results

Descriptives									
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Temperature	1,00	4	15,2000	,00000	,00000	15,2000	15,2000	15,20	15,20
	2,00	4	21,5000	,00000	,00000	21,5000	21,5000	21,50	21,50
	3,00	4	16,4000	,00000	,00000	16,4000	16,4000	16,40	16,40
	4,00	4	18,5000	,00000	,00000	18,5000	18,5000	18,50	18,50
	5,00	4	15,8000	,00000	,00000	15,8000	15,8000	15,80	15,80
	Total	20	17,4800	2,35698	,52704	16,3769	18,5831	15,20	21,50
pH	1,00	4	8,1100	,01414	,00707	8,0875	8,1325	8,09	8,12
	2,00	4	8,2700	,01633	,00816	8,2440	8,2960	8,25	8,29
	3,00	4	8,1900	,01826	,00913	8,1609	8,2191	8,17	8,21
	4,00	4	7,7000	,14142	,07071	7,4750	7,9250	7,50	7,80
	5,00	4	8,3800	,04243	,02121	8,3125	8,4475	8,33	8,42
	Total	20	8,1300	,24621	,05505	8,0148	8,2452	7,50	8,42
Conductivity	1,00	4	402,0000	,81650	,40825	400,7008	403,2992	401,00	403,00
	2,00	4	5520,0000	9,62635	4,81318	5504,6823	5535,3177	5510,00	5532,00
	3,00	4	945,0000	2,16025	1,08012	941,5626	948,4374	942,00	947,00
	4,00	4	870,0000	1,63299	,81650	867,4015	872,5985	868,00	872,00
	5,00	4	1313,0000	6,68331	3,34166	1302,3654	1323,6346	1305,00	1319,00
	Total	20	1810,0000	1926,30035	430,73385	908,4637	2711,5363	401,00	5532,00
Ammonia Nitrogen	1,00	4	,0130	,00082	,00041	,0117	,0143	,01	,01
	2,00	4	,2325	,01258	,00629	,2125	,2525	,22	,25
	3,00	4	,0250	,00216	,00108	,0216	,0284	,02	,03
	4,00	4	8,6000	,09345	,04673	8,4513	8,7487	8,46	8,65
	5,00	4	,0480	,00183	,00091	,0451	,0509	,05	,05
	Total	20	1,7837	3,49785	,78214	,1467	3,4207	,01	8,65
Nitrite Nitrogen	1,00	4	,0120	,00082	,00041	,0107	,0133	,01	,01
	2,00	4	,0580	,00082	,00041	,0567	,0593	,06	,06
	3,00	4	,0160	,00115	,00058	,0142	,0178	,02	,02
	4,00	4	,0750	,00245	,00122	,0711	,0789	,07	,08
	5,00	4	,0160	,00245	,00122	,0121	,0199	,01	,02
	Total	20	,0354	,02672	,00597	,0229	,0479	,01	,08
Nitrate Nitrogen	1,00	4	2,0500	,02828	,01414	2,0050	2,0950	2,01	2,07
	2,00	4	,8260	,00283	,00141	,8215	,8305	,82	,83
	3,00	4	1,9900	,01826	,00913	1,9609	2,0191	1,97	2,01
	4,00	4	,4920	,00766	,00383	,4798	,5042	,48	,50
	5,00	4	1,9700	,01414	,00707	1,9475	1,9925	1,95	1,98
	Total	20	1,4656	,68502	,15318	1,1450	1,7862	,48	2,07
Organic Nitrogen	1,00	4	1,4000	,01414	,00707	1,3775	1,4225	1,39	1,42
	2,00	4	4,3560	,00712	,00356	4,3447	4,3673	4,35	4,36
	3,00	4	1,5300	,03464	,01732	1,4749	1,5851	1,50	1,56
	4,00	4	32,8000	,21602	,10801	32,4563	33,1437	32,50	33,00
	5,00	4	1,5600	,00816	,00408	1,5470	1,5730	1,55	1,57
	Total	20	8,3292	12,60499	2,81856	2,4299	14,2285	1,39	33,00

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Organic Phosphorus	1,00	4	,0280	,00082	,00041	,0267	,0293	,03	,03
	2,00	4	1,0000	,02944	,01472	,9532	1,0468	,97	1,03
	3,00	4	,0680	,00271	,00135	,0637	,0723	,06	,07
	4,00	4	2,2500	,04830	,02415	2,1731	2,3269	2,21	2,32
	5,00	4	,0770	,00115	,00058	,0752	,0788	,08	,08
	Total	20	,6846	,88649	,19823	,2697	1,0995	,03	2,32
Dissolved Phosphorus	1,00	4	,0180	,00163	,00082	,0154	,0206	,02	,02
	2,00	4	,8600	,01414	,00707	,8375	,8825	,85	,88
	3,00	4	,0560	,00294	,00147	,0513	,0607	,05	,06
	4,00	4	1,9430	,00535	,00268	1,9345	1,9515	1,94	1,95
	5,00	4	,0620	,00294	,00147	,0573	,0667	,06	,07
	Total	20	,5878	,76706	,17152	,2288	,9468	,02	1,95
Dissolved Oxygen	1,00	4	9,1700	,01155	,00577	9,1516	9,1884	9,16	9,18
	2,00	4	7,5000	,11547	,05774	7,3163	7,6837	7,40	7,60
	3,00	4	8,9000	,08832	,04416	8,7595	9,0405	8,78	8,98
	4,00	4	5,1000	,04320	,02160	5,0313	5,1687	5,04	5,14
	5,00	4	9,1000	,12083	,06042	8,9077	9,2923	8,93	9,20
	Total	20	7,9540	1,59384	,35639	7,2081	8,6999	5,04	9,20
BOD5	1,00	4	11,0000	,16330	,08165	10,7402	11,2598	10,80	11,20
	2,00	4	56,0000	1,63299	,81650	53,4015	58,5985	54,00	58,00
	3,00	4	10,3000	,33665	,16833	9,7643	10,8357	10,10	10,80
	4,00	4	28,0000	1,13137	,56569	26,1997	29,8003	27,20	29,60
	5,00	4	8,0000	,71181	,35590	6,8674	9,1326	7,40	9,00
	Total	20	22,6600	18,62176	4,16395	13,9447	31,3753	7,40	58,00
Total Chloride	1,00	4	7,9600	,02160	,01080	7,9256	7,9944	7,93	7,98
	2,00	4	976,0000	5,47723	2,73861	967,2845	984,7155	970,00	982,00
	3,00	4	32,4000	,43205	,21602	31,7125	33,0875	31,80	32,80
	4,00	4	44,6000	,28284	,14142	44,1499	45,0501	44,20	44,80
	5,00	4	21,9000	,29439	,14720	21,4316	22,3684	21,60	22,20
	Total	20	216,5720	389,78091	87,15766	34,1489	398,9951	7,93	982,00

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Temperature	.	4	.	.
pH	4,153	4	15	,018
Conductivity	7,658	4	15	,001
Ammonia Nitrogen	8,032	4	15	,001
Nitrite Nitrogen	1,962	4	15	,152
Nitrate Nitrogen	2,674	4	15	,073
Organic Nitrogen	4,616	4	15	,013
Organic Phosphorus	7,128	4	15	,002
Dissolved Phosphorus	3,034	4	15	,051
Dissolved Oxygen	3,609	4	15	,030
BOD5	1,411	4	15	,278
Total Chloride	24,055	4	15	,000

ANOVA RESULTS

		Sum of Squares	df	Mean Square
Temperature	Between Groups	105,552	4	26,388
	Within Groups	,000	15	,000
	Total	105,552	19	
pH	Between Groups	1,084	4	,271
	Within Groups	,068	15	,005
	Total	1,152	19	
Conductivity	Between Groups	70501592,000	4	17625398,000
	Within Groups	436,000	15	29,067
	Total	70502028,000	19	
Ammonia Nitrogen	Between Groups	232,437	4	58,109
	Within Groups	,027	15	,002
	Total	232,464	19	
Nitrite Nitrogen	Between Groups	,014	4	,003
	Within Groups	,000	15	,000
	Total	,014	19	
Nitrate Nitrogen	Between Groups	8,912	4	2,228
	Within Groups	,004	15	,000
	Total	8,916	19	
Organic Nitrogen	Between Groups	3018,685	4	754,671
	Within Groups	,145	15	,010
	Total	3018,830	19	
Organic Phosphorus	Between Groups	14,922	4	3,730
	Within Groups	,010	15	,001
	Total	14,931	19	
Dissolved Phosphorus	Between Groups	11,178	4	2,795
	Within Groups	,001	15	,000
	Total	11,179	19	
Dissolved Oxygen	Between Groups	48,153	4	12,038
	Within Groups	,113	15	,008
	Total	48,266	19	
BOD5	Between Groups	6574,848	4	1643,712
	Within Groups	13,780	15	,919
	Total	6588,628	19	
Total Chloride	Between Groups	2886562,943	4	721640,736
	Within Groups	91,061	15	6,071
	Total	2886654,004	19	

ANOVA RESULTS

		F	Sig.
Temperature	Between Groups	8362691009705630000000	,000
	Within Groups	0000000000,000	
	Total		
pH	Between Groups	59,956	,000
	Within Groups		
	Total		
Conductivity	Between Groups	606378,372	,000
	Within Groups		
	Total		
Ammonia Nitrogen	Between Groups	32644,410	,000
	Within Groups		
	Total		
Nitrite Nitrogen	Between Groups	1152,000	,000
	Within Groups		
	Total		
Nitrate Nitrogen	Between Groups	7956,869	,000
	Within Groups		
	Total		
Organic Nitrogen	Between Groups	78311,408	,000
	Within Groups		
	Total		
Organic Phosphorus	Between Groups	5811,879	,000
	Within Groups		
	Total		
Dissolved Phosphorus	Between Groups	56191,866	,000
	Within Groups		
	Total		
Dissolved Oxygen	Between Groups	1595,184	,000
	Within Groups		
	Total		
BOD5	Between Groups	1789,237	,000
	Within Groups		
	Total		
Total Chloride	Between Groups	118871,564	,000
	Within Groups		
	Total		