

Table S1: Output of Tukey and LSD Fisher tests for Cu.

Multiple Comparisons Dependent Variable: Cu							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound Upper Bound	
Tukey HSD	2018	2019	-3.2169	3.2256	0.7510	-11.5609	5.1270
		2020	-6.4242	3.2256	0.1940	-14.7681	1.9197
		2021	-7.9281	3.2256	0.0690	-16.2720	0.4159
	2019	2018	3.2169	3.2256	0.7510	-5.1270	11.5609
		2020	-3.2073	3.2256	0.7530	-11.5512	5.1367
		2021	-4.7111	3.2256	0.4630	-13.0550	3.6328
	2020	2018	6.4242	3.2256	0.1940	-1.9197	14.7681
		2019	3.2073	3.2256	0.7530	-5.1367	11.5512
		2021	-1.5039	3.2256	0.9660	-9.8478	6.8400
	2021	2018	7.9281	3.2256	0.0690	-0.4159	16.2720
		2019	4.7111	3.2256	0.4630	-3.6328	13.0550
		2020	1.5039	3.2256	0.9660	-6.8400	9.8478
LSD	2018	2019	-3.2169	3.2256	0.3200	-9.5704	3.1365
		2020	-6,42419*	3.2256	0.0480	-12.7777	-0.0707
		2021	-7,92806*	3.2256	0.0150	-14.2815	-1.5746
	2019	2018	3.2169	3.2256	0.3200	-3.1365	9.5704
		2020	-3.2073	3.2256	0.3210	-9.5607	3.1462
		2021	-4.7111	3.2256	0.1450	-11.0646	1.6423
	2020	2018	6,42419*	3.2256	0.0480	0.0707	12.7777
		2019	3.2073	3.2256	0.3210	-3.1462	9.5607
		2021	-1.5039	3.2256	0.6410	-7.8573	4.8496
	2021	2018	7,92806*	3.2256	0.0150	1.5746	14.2815
		2019	4.7111	3.2256	0.1450	-1.6423	11.0646
		2020	1.5039	3.2256	0.6410	-4.8496	7.8573

* The mean difference is significant at the 0.05 level.

Table S2: Output of Tukey and LSD Fisher tests for Zn.

Multiple Comparisons							
Dependent Variable: Zn							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
Tukey HSD	2018	2019	-14.304	5.545	0.051	-28.649	0.041
		2020	-28,75339*	5.545	0.000	-43.098	-14.409
		2021	-67,34468*	5.545	0.000	-81.690	-53.000
	2019	2018	14.304	5.545	0.051	-0.041	28.649
		2020	-14,44903*	5.545	0.048	-28.794	-0.104
		2021	-53,04032*	5.545	0.000	-67.385	-38.696
	2020	2018	28,75339*	5.545	0.000	14.409	43.098
		2019	14,44903*	5.545	0.048	0.104	28.794
		2021	-38,59129*	5.545	0.000	-52.936	-24.246
	2021	2018	67,34468*	5.545	0.000	53.000	81.690
		2019	53,04032*	5.545	0.000	38.696	67.385
		2020	38,59129*	5.545	0.000	24.246	52.936
LSD	2018	2019	-14,30435*	5.545	0.010	-25.227	-3.382
		2020	-28,75339*	5.545	0.000	-39.676	-17.831
		2021	-67,34468*	5.545	0.000	-78.268	-56.422
	2019	2018	14,30435*	5.545	0.010	3.382	25.227
		2020	-14,44903*	5.545	0.010	-25.372	-3.526
		2021	-53,04032*	5.545	0.000	-63.963	-42.118
	2020	2018	28,75339*	5.545	0.000	17.831	39.676
		2019	14,44903*	5.545	0.010	3.526	25.372
		2021	-38,59129*	5.545	0.000	-49.514	-27.668
	2021	2018	67,34468*	5.545	0.000	56.422	78.268
		2019	53,04032*	5.545	0.000	42.118	63.963
		2020	38,59129*	5.545	0.000	27.668	49.514

* The mean difference is significant at the 0.05 level.

Table S3: Output of Tukey and LSD Fisher tests for Mn.

Multiple Comparisons		Dependent Variable: Mn					
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound Upper Bound	
Tukey HSD	2018	2019	-14.49242	44.51651	0.988	-129.6487	100.6639
		2020	-29.26839	44.51651	0.913	-144.4247	85.8879
		2021	-26.49758	44.51651	0.933	-141.6539	88.6587
	2019	2018	14.49242	44.51651	0.988	-100.6639	129.6487
		2020	-14.77597	44.51651	0.987	-129.9323	100.3804
		2021	-12.00516	44.51651	0.993	-127.1615	103.1512
	2020	2018	29.26839	44.51651	0.913	-85.8879	144.4247
		2019	14.77597	44.51651	0.987	-100.3804	129.9323
		2021	2.77081	44.51651	1	-112.3855	117.9271
	2021	2018	26.49758	44.51651	0.933	-88.6587	141.6539
		2019	12.00516	44.51651	0.993	-103.1512	127.1615
		2020	-2.77081	44.51651	1	-117.9271	112.3855
LSD	2018	2019	-14.49242	44.51651	0.745	-102.1781	73.1933
		2020	-29.26839	44.51651	0.511	-116.9541	58.4173
		2021	-26.49758	44.51651	0.552	-114.1833	61.1881
	2019	2018	14.49242	44.51651	0.745	-73.1933	102.1781
		2020	-14.77597	44.51651	0.74	-102.4616	72.9097
		2021	-12.00516	44.51651	0.788	-99.6908	75.6805
	2020	2018	29.26839	44.51651	0.511	-58.4173	116.9541
		2019	14.77597	44.51651	0.74	-72.9097	102.4616
		2021	2.77081	44.51651	0.95	-84.9149	90.4565
	2021	2018	26.49758	44.51651	0.552	-61.1881	114.1833
		2019	12.00516	44.51651	0.788	-75.6805	99.6908
		2020	-2.77081	44.51651	0.95	-90.4565	84.9149

Table S4: Output of Tukey and LSD Fisher tests for Pb.

Multiple Comparisons							
Dependent Variable: Pb							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	2018	2019	-1.92387	3.0005	0.919	-9.6856	5.8379
		2020	-3.85774	3.0005	0.573	-11.6195	3.904
		2021	-3.71548	3.0005	0.603	-11.4772	4.0463
	2019	2018	1.92387	3.0005	0.919	-5.8379	9.6856
		2020	-1.93387	3.0005	0.917	-9.6956	5.8279
		2021	-1.79161	3.0005	0.933	-9.5534	5.9702
	2020	2018	3.85774	3.0005	0.573	-3.904	11.6195
		2019	1.93387	3.0005	0.917	-5.8279	9.6956
		2021	0.14226	3.0005	1	-7.6195	7.904
	2021	2018	3.71548	3.0005	0.603	-4.0463	11.4772
		2019	1.79161	3.0005	0.933	-5.9702	9.5534
		2020	-0.14226	3.0005	1	-7.904	7.6195
LSD	2018	2019	-1.92387	3.0005	0.522	-7.8341	3.9863
		2020	-3.85774	3.0005	0.2	-9.7679	2.0524
		2021	-3.71548	3.0005	0.217	-9.6257	2.1947
	2019	2018	1.92387	3.0005	0.522	-3.9863	7.8341
		2020	-1.93387	3.0005	0.52	-7.8441	3.9763
		2021	-1.79161	3.0005	0.551	-7.7018	4.1186
	2020	2018	3.85774	3.0005	0.2	-2.0524	9.7679
		2019	1.93387	3.0005	0.52	-3.9763	7.8441
		2021	0.14226	3.0005	0.962	-5.7679	6.0524
	2021	2018	3.71548	3.0005	0.217	-2.1947	9.6257
		2019	1.79161	3.0005	0.551	-4.1186	7.7018
		2020	-0.14226	3.0005	0.962	-6.0524	5.7679

Table S5: Output of Tukey and LSD Fisher tests for Ni.

Multiple Comparisons							
Dependent Variable: Ni							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
Tukey HSD	2018	2019	-2.71113	4.84143	0.944	-15.2351	9.8128
		2020	-5.42065	4.84143	0.678	-17.9446	7.1033
		2021	-2.70871	4.84143	0.944	-15.2326	9.8152
	2019	2018	2.71113	4.84143	0.944	-9.8128	15.2351
		2020	-2.70952	4.84143	0.944	-15.2334	9.8144
		2021	0.00242	4.84143	1	-12.5215	12.5263
	2020	2018	5.42065	4.84143	0.678	-7.1033	17.9446
		2019	2.70952	4.84143	0.944	-9.8144	15.2334
		2021	2.71194	4.84143	0.944	-9.812	15.2359
	2021	2018	2.70871	4.84143	0.944	-9.8152	15.2326
		2019	-0.00242	4.84143	1	-12.5263	12.5215
		2020	-2.71194	4.84143	0.944	-15.2359	9.812
LSD	2018	2019	-2.71113	4.84143	0.576	-12.2475	6.8252
		2020	-5.42065	4.84143	0.264	-14.957	4.1157
		2021	-2.70871	4.84143	0.576	-12.245	6.8276
	2019	2018	2.71113	4.84143	0.576	-6.8252	12.2475
		2020	-2.70952	4.84143	0.576	-12.2459	6.8268
		2021	0.00242	4.84143	1	-9.5339	9.5388
	2020	2018	5.42065	4.84143	0.264	-4.1157	14.957
		2019	2.70952	4.84143	0.576	-6.8268	12.2459
		2021	2.71194	4.84143	0.576	-6.8244	12.2483
	2021	2018	2.70871	4.84143	0.576	-6.8276	12.245
		2019	-0.00242	4.84143	1	-9.5388	9.5339
		2020	-2.71194	4.84143	0.576	-12.2483	6.8244

Table S6: Output of Tukey and LSD Fisher tests for Cr.

Multiple Comparisons							
Dependent Variable: Cr							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
Tukey HSD	2018	2019	-10.66952	5.76182	0.252	-25.5743	4.2353
		2020	-21,38065*	5.76182	0.001	-36.2855	-6.4758
		2021	-25,24645*	5.76182	0	-40.1513	-10.3416
	2019	2018	10.66952	5.76182	0.252	-4.2353	25.5743
		2020	-10.71113	5.76182	0.249	-25.6159	4.1937
		2021	-14.57694	5.76182	0.058	-29.4817	0.3279
	2020	2018	21,38065*	5.76182	0.001	6.4758	36.2855
		2019	10.71113	5.76182	0.249	-4.1937	25.6159
		2021	-3.86581	5.76182	0.908	-18.7706	11.039
	2021	2018	25,24645*	5.76182	0	10.3416	40.1513
		2019	14.57694	5.76182	0.058	-0.3279	29.4817
		2020	3.86581	5.76182	0.908	-11.039	18.7706
LSD	2018	2019	-10.66952	5.76182	0.065	-22.0188	0.6797
		2020	-21,38065*	5.76182	0	-32.7299	-10.0314
		2021	-25,24645*	5.76182	0	-36.5957	-13.8972
	2019	2018	10.66952	5.76182	0.065	-0.6797	22.0188
		2020	-10.71113	5.76182	0.064	-22.0604	0.6381
		2021	-14,57694*	5.76182	0.012	-25.9262	-3.2277
	2020	2018	21,38065*	5.76182	0	10.0314	32.7299
		2019	10.71113	5.76182	0.064	-0.6381	22.0604
		2021	-3.86581	5.76182	0.503	-15.2151	7.4834
	2021	2018	25,24645*	5.76182	0	13.8972	36.5957
		2019	14,57694*	5.76182	0.012	3.2277	25.9262
		2020	3.86581	5.76182	0.503	-7.4834	15.2151

* The mean difference is significant at the 0.05 level.

Table S7: Output of Tukey and LSD Fisher tests for Co.

Multiple Comparisons							
Dependent Variable: Co							
	(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	2018	2019	-2.34403	1.78905	0.557	-6.972	2.2839
		2020	-4,68177*	1.78905	0.046	-9.3097	-0.0538
		2021	-5,58694*	1.78905	0.011	-10.2149	-0.959
	2019	2018	2.34403	1.78905	0.557	-2.2839	6.972
		2020	-2.33774	1.78905	0.56	-6.9657	2.2902
		2021	-3.2429	1.78905	0.27	-7.8709	1.3851
	2020	2018	4,68177*	1.78905	0.046	0.0538	9.3097
		2019	2.33774	1.78905	0.56	-2.2902	6.9657
		2021	-0.90516	1.78905	0.958	-5.5331	3.7228
	2021	2018	5,58694*	1.78905	0.011	0.959	10.2149
		2019	3.2429	1.78905	0.27	-1.3851	7.8709
		2020	0.90516	1.78905	0.958	-3.7228	5.5331
LSD	2018	2019	-2.34403	1.78905	0.191	-5.868	1.1799
		2020	-4,68177*	1.78905	0.009	-8.2057	-1.1578
		2021	-5,58694*	1.78905	0.002	-9.1109	-2.063
	2019	2018	2.34403	1.78905	0.191	-1.1799	5.868
		2020	-2.33774	1.78905	0.193	-5.8617	1.1862
		2021	-3.2429	1.78905	0.071	-6.7669	0.2811
	2020	2018	4,68177*	1.78905	0.009	1.1578	8.2057
		2019	2.33774	1.78905	0.193	-1.1862	5.8617
		2021	-0.90516	1.78905	0.613	-4.4291	2.6188
	2021	2018	5,58694*	1.78905	0.002	2.063	9.1109
		2019	3.2429	1.78905	0.071	-0.2811	6.7669
		2020	0.90516	1.78905	0.613	-2.6188	4.4291

* The mean difference is significant at the 0.05 level.

Table S8: Output of Games-Howell test for Cd.

Multiple Comparisons						
Dependent Variable: Cd						
Games-Howell						
(I) Years	(J) Years	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
2018	2019	-,10161*	0.03369	0.016	-0.1894	-0.0138
	2020	-,20742*	0.04039	0	-0.3127	-0.1022
	2021	,14855*	0.04946	0.017	0.0194	0.2777
2019	2018	,10161*	0.03369	0.016	0.0138	0.1894
	2020	-,10581*	0.03756	0.029	-0.2038	-0.0078
	2021	,25016*	0.04718	0	0.1267	0.3737
2020	2018	,20742*	0.04039	0	0.1022	0.3127
	2019	,10581*	0.03756	0.029	0.0078	0.2038
	2021	,35597*	0.05217	0	0.2199	0.492
2021	2018	-,14855*	0.04946	0.017	-0.2777	-0.0194
	2019	-,25016*	0.04718	0	-0.3737	-0.1267
	2020	-,35597*	0.05217	0	-0.492	-0.2199

* The mean difference is significant at the 0.05 level.