

Table 1 Concentration of heavy metals among the various locations with their background values by in soil receiving cassava mill effluents from small-scale cassava processors in a rural community in the Niger Delta region of Nigeria

Locations& background values	Copper		Zinc		Manganese		Iron		Lead		Cadmium		Chromium		Nickel		Cobalt	
	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet
BMM	6.06	3.87	43.45	40.31	39.19	39.69	3526.00	3309.04	5.27	1.89	0.11	0.23	2.12	1.59	2.66	1.38	10.31	0.039
BGM	5.94	4.07	32.47	35.47	32.47	35.82	3083.03	3384.44	4.84	2.22	0.11	0.30	1.62	1.84	2.85	1.77	8.13	0.051
Min	3.10	3.34	9.65	18.98	18.37	18.47	1405.77	2635.83	1.66	0.79	0.11	0.230	0.38	1.19	1.88	0.88	3.34	0.039
Max	10.41	4.84	49.75	49.65	55.29	53.87	5696.99	4171.09	10.63	8.21	0.11	0.479	3.90	4.50	4.21	4.87	11.28	0.083
LA	6.056	3.87	9.65	18.98	18.37	18.47	1405.79	3041.84	9.92	1.89	0.11	0.230	3.90	2.13	4.21	0.88	3.34	0.083
LB	8.83	4.83	38.09	49.65	20.91	53.87	1824.58	2635.83	10.63	8.21	0.11	0.479	0.38	1.18	1.88	2.94	10.31	0.039
LC	4.29	3.69	43.45	34.72	39.19	34.07	5696.99	4171.09	5.27	0.79	0.11	0.230	2.12	1.59	2.66	4.87	11.28	0.039
LD	10.41	3.34	45.41	40.33	43.03	43.83	5406.05	4012.61	2.88	1.89	0.11	0.230	1.54	1.19	4.20	1.38	10.86	0.039
LE	3.10	4.84	49.75	42.55	55.29	39.69	3525.99	3309.04	1.66	2.35	0.11	0.447	2.31	4.50	2.13	1.00	8.39	0.0711

Note: Izah et al. (2017d); BMM- Background Median Mean; BGM- Background Geometric Mean