

S8 Table. Levene's test of homogeneity of variances of MO leaves elemental concentration by localities in Kenya based on mean and median. D.f. 1 is the degree of freedom of the numerator, and d.f. 2 is the degree of freedom of the denominator.

Element		Levene Statistic	d.f. 1	d.f. 2	p
Ca	Based on Mean	1.402	4	51	0.247
	Based on Median	0.585	4	51	0.675
	Based on Median and with adjusted df	0.585	4	22	0.677
	Based on trimmed mean	1.146	4	51	0.346
Cu	Based on Mean	1.18	4	51	0.331
	Based on Median	1.06	4	51	0.386
	Based on Median and with adjusted df	1.06	4	37	0.390
	Based on trimmed mean	1.164	4	51	0.338
I	Based on Mean	8.953	4	51	0.000
	Based on Median	1.835	4	51	0.136
	Based on Median and with adjusted df	1.835	4	14	0.177
	Based on trimmed mean	5.764	4	51	0.001
Fe	Based on Mean	4.08	4	51	0.006
	Based on Median	2.673	4	51	0.042
	Based on Median and with adjusted df	2.673	4	10	0.093
	Based on trimmed mean	3.209	4	51	0.020
Mg	Based on Mean	0.045	4	51	0.996
	Based on Median	0.089	4	51	0.985
	Based on Median and with adjusted df	0.089	4	40	0.985
	Based on trimmed mean	0.057	4	51	0.994
Zn	Based on Mean	4.831	4	51	0.002
	Based on Median	4.157	4	51	0.005
	Based on Median and with adjusted df	4.157	4	35	0.007
	Based on trimmed mean	4.729	4	51	0.003
Se	Based on Mean	2.582	4	51	0.048
	Based on Median	1.527	4	51	0.208
	Based on Median and with adjusted df	1.527	4	33	0.217
	Based on trimmed mean	2.19	4	51	0.083