Supplementary file 1

Table S1. Correlations between hair mineral concentrations and suspected risk factors for esophageal squamous cell carcinoma in the controls from the Golestan Cohort Study.

Variable	Partial correlation squared (percent)		
	Iron	Copper	Magnesium
Sex	7.8*	0.2	4.8
Age	0.5	0.5	0.5
Education	3.8	0.1	0.5
BMI, kg/m^2	0.6	0.7	0.3
Place of residence	0.9	3.8	4.0
Opium	0.1	0.6	0.1
Smoking	9.2*	0.0	0.2
Physical activity	7.6*	0.6	5.2
Vegetable intake	0.0	0.6	0.0
Fruit intake	0.4	1.3	0.2
Ethnicity	1.9	1.8	0.6
Wealth score	1.1	0.3	0.0
Other minerals			
Iron	-	0.2	2.1
Copper	0.2	-	4.8*
Magnesium	2.1	4.8*	-
*$P<0.05$			