

Table S34. Hazard quotient (HQ) and hazard index (HI) of heavy metals in stem samples for adults

Elements	HQ												
	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12	ST13
Cd	0.01	0.01	0.01	0.003	0.002	0.003	0.002	0.001	0.002	0.001	0.002	0.01	0.002
Cr	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.004	0.01	0.004	0.01
Cu	0.77	0.91	0.67	0.99	1.09	0.94	0.75	0.49	0.83	0.99	0.53	0.65	0.59
Ni	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.001	0.0005	0.001	0.001	0.002
Pb	0.01	0.01	0.01	0.01	0.01	0.003	0.004	0.003	0.003	0.002	0.01	0.004	0.003
Zn	0.05	0.04	0.03	0.03	0.04	0.04	0.01	0.01	0.01	0.01	0.02	0.02	0.01
Fe	0.02	0.04	0.02	0.05	0.05	0.01	0.02	0.01	0.05	0.03	0.02	0.01	0.07
Mn	0.05	0.05	0.04	0.07	0.06	0.05	0.04	0.03	0.05	0.06	0.03	0.04	0.04
HI	0.92	1.07	0.78	1.16	1.26	1.06	0.85	0.56	0.94	1.10	0.62	0.74	0.74

HI $\geq 1 \rightarrow$ Non-cancer risk is possible

HQ $\geq 1 \rightarrow$ Potential health concern