



Supplementary Materials

# Occurrence and health risks of heavy metals in drinking water of self-supplied wells in northern China

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**Table S1.** Exposure parameters used for health risk assessment.

Exposure parameters	Description	Adult	Child	Unit
IR	ingestion rate of water	2.5	0.78	L/d
EF	exposure frequency	350	350	d/a
ED	exposure duration	26	6	a
BW	average body weight	80	15	kg
AT	average time of exposure	8760	2190	d

**Table S2.**  $SF_i$  and  $RfD_i$  and for the different heavy metals.

Elements	$RfD_i$	Elements	$RfD_i$	Elements	$SF_i$
Ag	0.005	Li	0.02	As	1.5
Al	1	Mn	0.02	Cd	6.1
As	0.0003	Ni	0.02	Cr	0.5
B	0.09	Pb	0.0014		
Ba	0.07	Sb	0.0004		
Cd	0.0005	Se	0.005		
Cu	0.04	Tl	0.00001		
Cr	0.003	V	0.001		
Fe	0.3	Zn	0.3		