

Heavy Metal Pollution and Source Contributions in Agricultural Soils Developed from Karst Landform in the Southwestern Region of China

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Table S1. Analytical methods and detection limits.

Indicator	Analytical Methods	Detection Limits	Unit
As	AFS ^a	0.2	mg/kg
Cd	ICP-MS ^b	0.02	mg/kg
Cr	XRF ^c	1.5	mg/kg
Cu	XRF ^c	0.1	mg/kg
Hg	CV-AFS ^d	0.0005	mg/kg
Ni	XRF ^c	0.2	mg/kg
Pb	XRF ^c	0.2	mg/kg
Zn	XRF ^c	1	mg/kg
Mn	XRF ^c	5	mg/kg
K ₂ O	XRF	1	%
SOC	POT ^e	0.1	%
pH	ISE ^f	0.1	unitless

a: Atomic fluorescence spectrometry;

b: Inductively coupled plasma-Mass spectrometry;

c: X-ray fluorescence spectrometry;

d: Cold vapor-Atomic fluorescence spectrometry;

e: Potentiometric method;

f: Ion selective electrode.

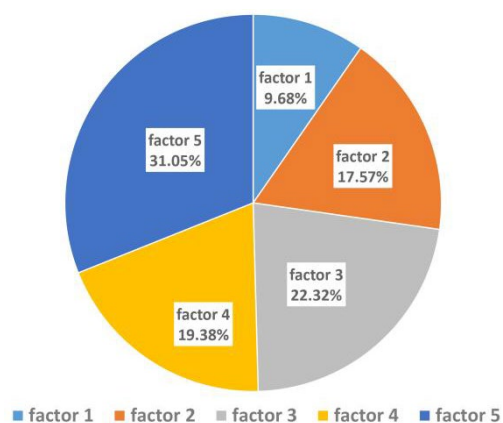


Figure S1. Total contribution rate of different sources calculated by PMF.