1   **Table S2.** Selected predictive variables based on the minimum Akaike information

2   criterion (AIC) values from a linear regression model for soil variables in the 0–20

3   and 20–40 cm layers in Yujiang.

Variables	T/N	Selected predictive variable
0-20 cm		
pH	N	Land use
SOM	N	Land use & Elevation
TN	Box-Cox	Land use & Elevation
CEC	Box-Cox	Land use
BS	Box-Cox	Land use
20-40 cm		
pH	Log	Land use
SOM	Log	Land use & Parent material & Elevation
TN	Log	Land use & Parent material
CEC	Log	Land use
BS	N	Land use & Parent material

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