

**Supplementary materials for**  
**Collembolans maintain a core microbiome**  
**responding to diverse soil ecosystems**

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Soil	Location	Soil type	pH	OM (g/kg)	CEC (cmol/kg)	EC (ms/cm)	CaCO <sub>3</sub> (g/kg)	TN (g/kg)	TP (g/kg)	Sand (%)	Silt (%)	Clay (%)
1	Jiangxi	Red soil	4.94±0.03	10.1±0.1	12.1±0.4	0.05±0.01	0.8±0.3	0.73±0.03	0.62±0.01	19.7±0.5	41.7±4	38.6±3.5
2	Heilongjiang	Black soil	5.58±0.03	54.7±0.5	33.4±1	0.09±0.01	0.4±0.2	2.58±0	1±0.02	14.1±1.2	53.1±0.1	32.8±1
3	Hainan	Brick red soil	6.52±0.15	14.4±0.2	10.6±0.7	0.06±0.01	0.8±0.2	0.7±0.02	0.68±0.01	26.7±2.1	36.8±0.4	36.4±1.7
4	Beijing	Brown soil	7.94±0.18	15.1±0.4	10.4±0.1	1.55±0.08	39.7±3.3	0.9±0.02	0.91±0.01	35.6±0.3	43.8±0.4	20.6±0.1
5	Henan	Moisture soil	8.05±0.08	12.2±0.5	10.1±0.7	0.2±0.01	84.9±13.9	0.75±0.04	0.82±0.02	18.1±0.4	70.8±0.3	11.1±0.1
6	Ningxia	High calcium soil	8.95±0.02	3.3±0.2	4.9±0.1	0.15±0.01	118.2±13.3	0.25±0.01	0.23±0.01	64.5±0.4	23±0.1	12.5±0.4

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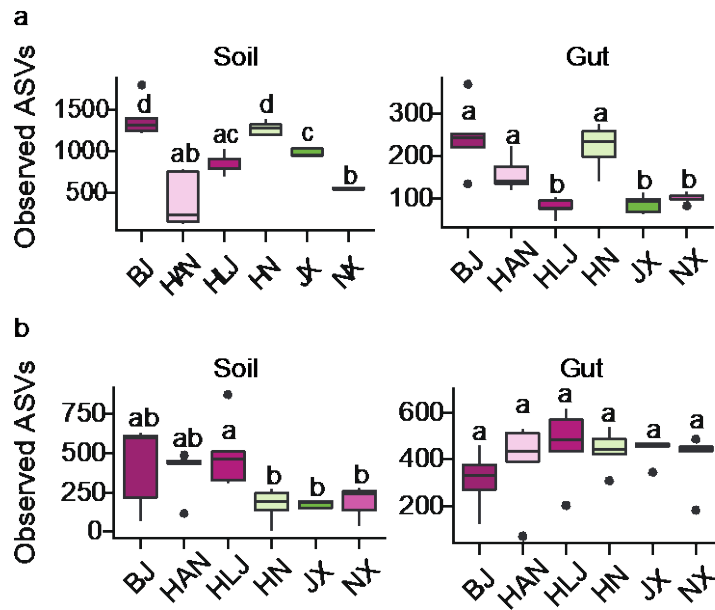


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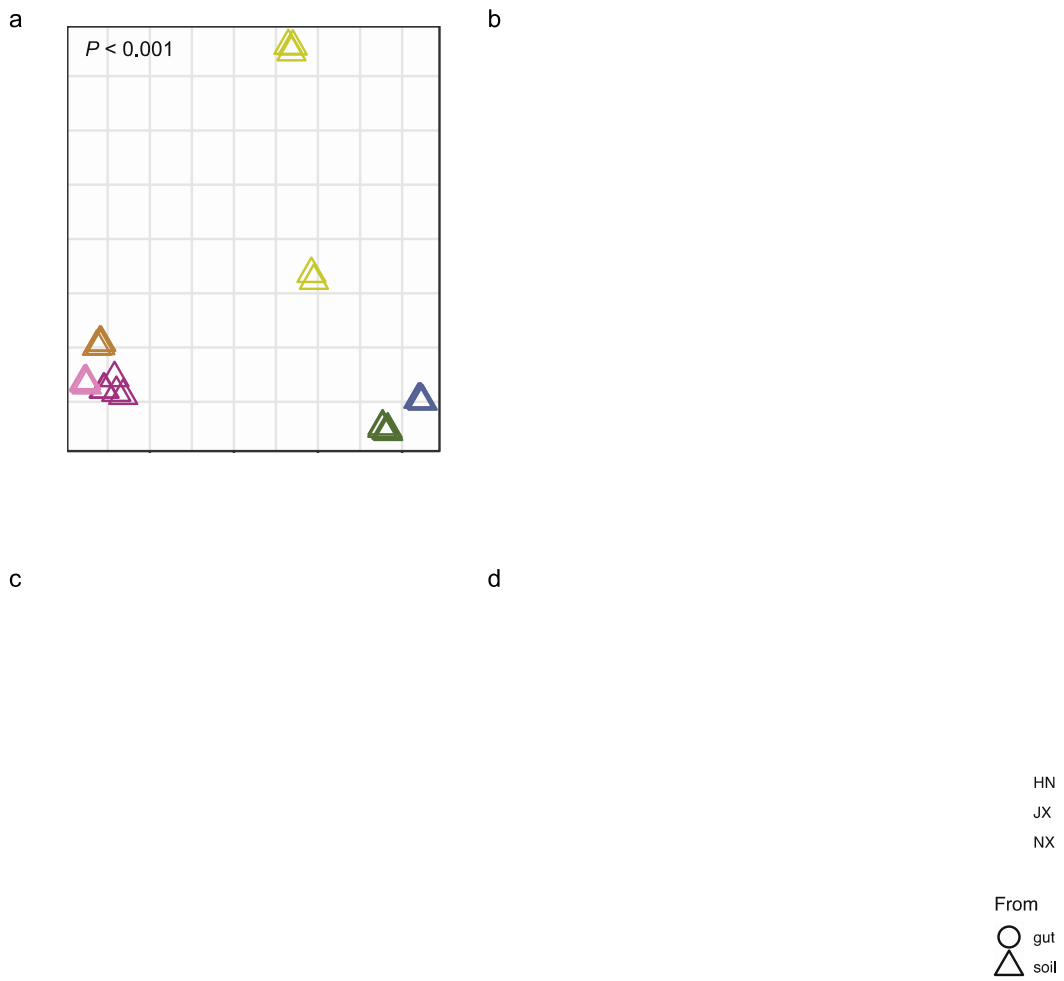


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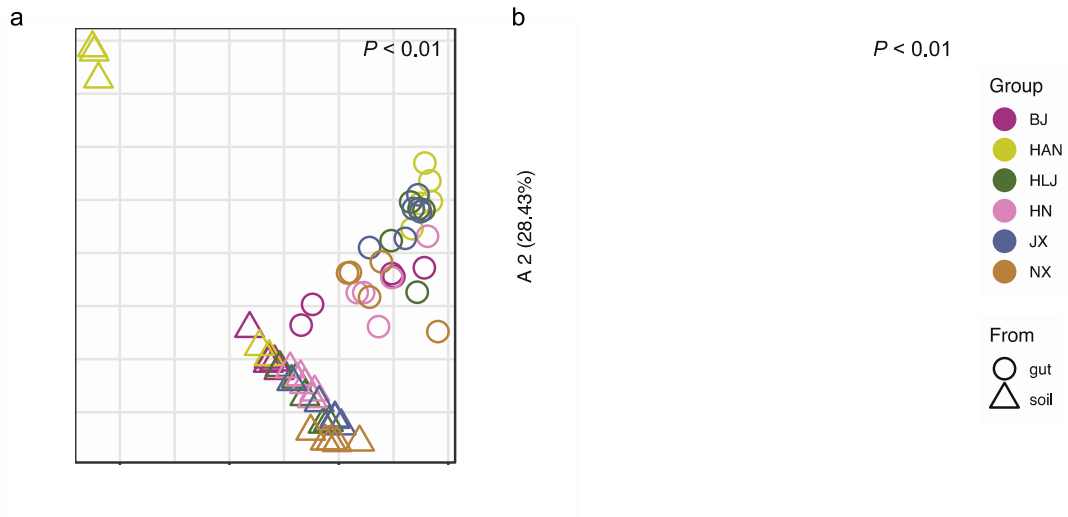


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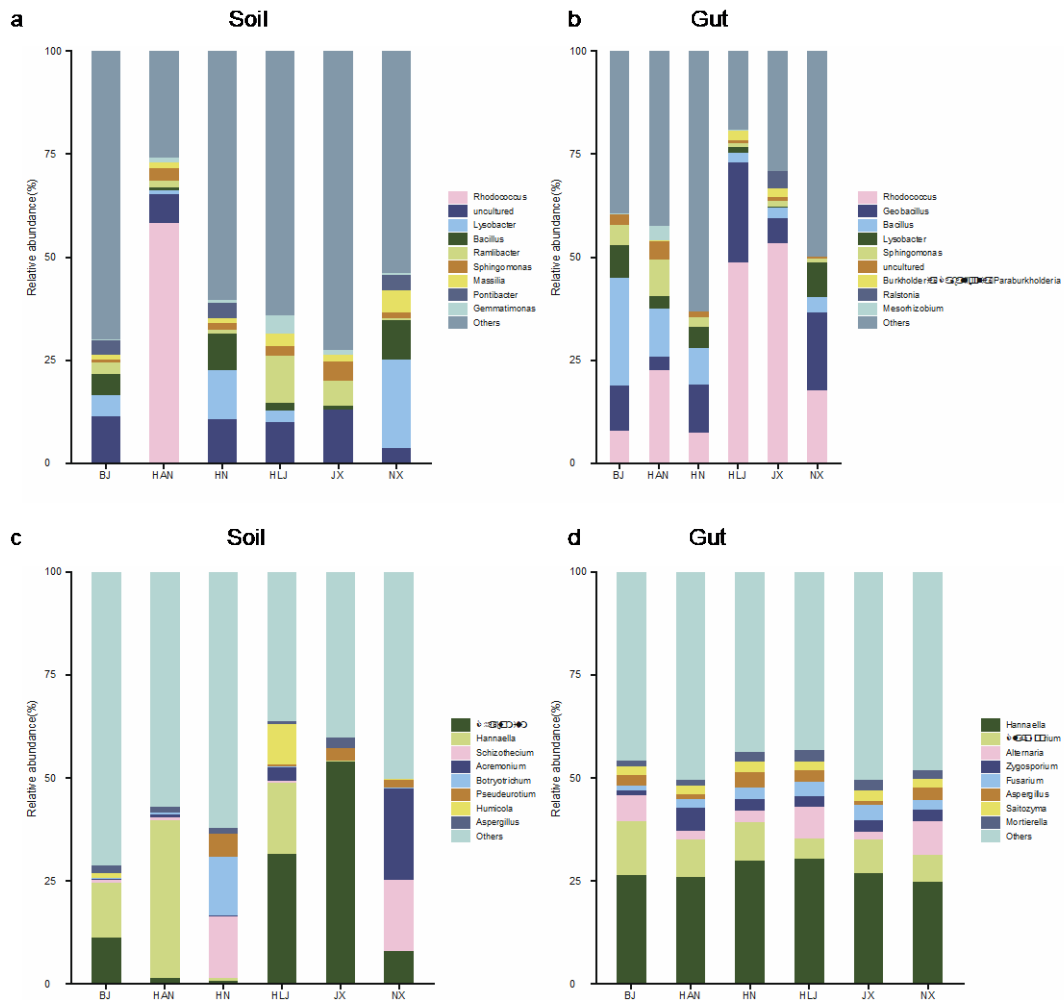


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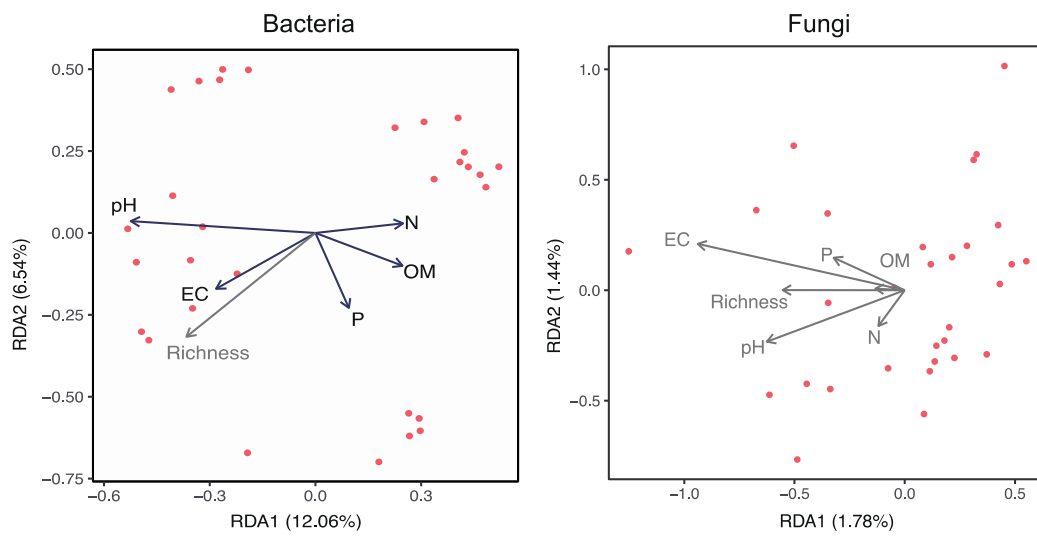


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