

Supporting Information

Topic: Concentrations, size distribution, and community structure characteristics of culturable airborne antibiotic-resistant bacteria in Xinxiang, Central China

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Figure captions:

Figure S1. The geographical location of sampling site.

Figure S2. Size distribution of culturable bacteria and four antibiotic-resistant bacteria under different air quality levels.

Figure S3. The relative percentage of respirable and fine particles under different weather conditions.

Table caption:

Table S1. Parameters used in risk assessment.

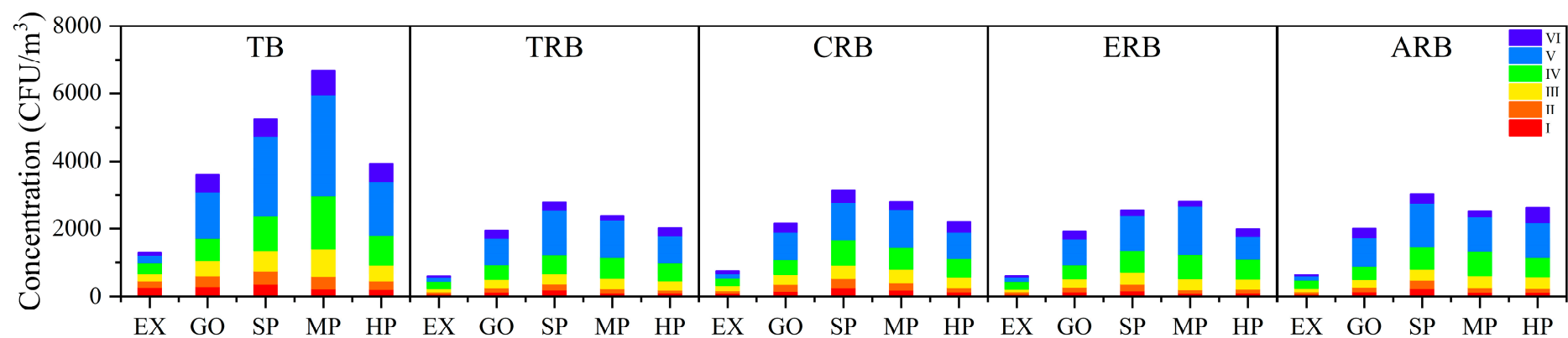


Figure S2. Size distribution of culturable bacteria and four antibiotic-resistant bacteria under different air quality levels.

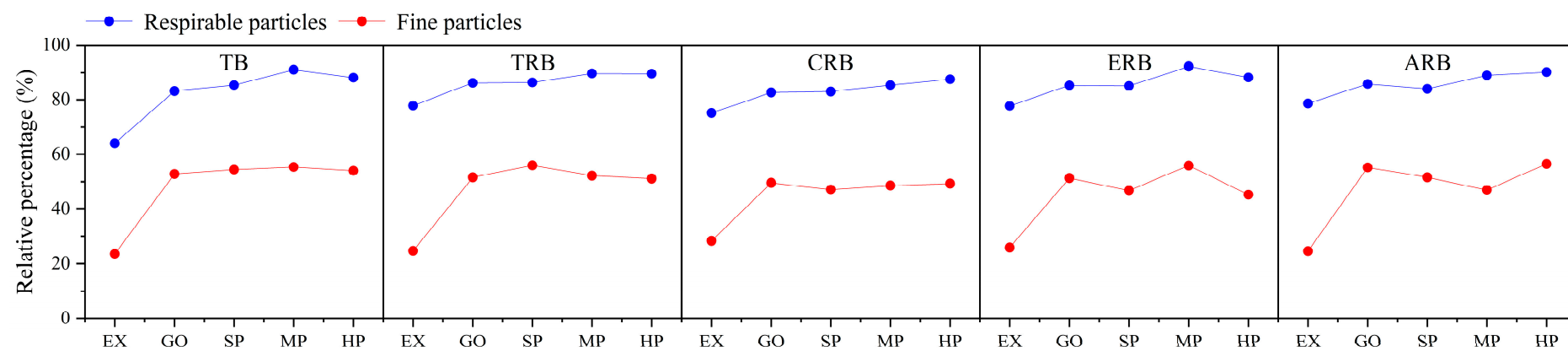


Figure S3. The relative percentage of respirable and fine particles under different weather conditions.

Table S1. Parameters used in risk assessment.

Parameters	Units	Values		
		Children	adult male	adult female
Inhalation rate (<i>IR</i>)	m ³ /d	7.60	19.02	14.17
Exposure frequency (<i>EF</i>)	d/yr		180	
Exposure time(<i>ET</i>)	yr	6		24
Body weight (<i>BW</i>)	kg	15.0	62.7	54.4
Skin surface area (<i>SA</i>)	m ²	0.115		0.215
Skin adherence factor (<i>SL</i>)	kg/(m ³ ·d)	0.20		0.07
Dermal absorption factor (<i>ABS</i>)			0.001	
Averaging time (<i>AT</i>)	d	16 × 365	69.6 × 365	73.3 × 365
RfD	CFU/m ³		500	