

Supplementary Table 3. The r value and p value of Mantel's test between the taxonomic composition data and dietary information for Chinese volunteer team during period from phase T2 to T4.

Taxonomic structure	Dietary	r	p
Taxonomic composition	Roughage	0.023532	0.3314
Taxonomic composition	Refined grains	0.04385	0.0055
Taxonomic composition	Dairy Products	0.074382	1.00E-04
Taxonomic composition	Meat	0.163909	0.0054
Taxonomic composition	Pluck	0.062726	0.1233
Taxonomic composition	Poultry	0.002623	0.4612
Taxonomic composition	Eggs	0.033593	0.2734
Taxonomic composition	Fish and Seafood	0.22635	1.00E-04
Taxonomic composition	Pizza	0.034819	0.0569
Taxonomic composition	Vegetables	0.106152	5.00E-04
Taxonomic composition	Other (vegetables and raw)	0.072318	0.024
Taxonomic composition	Vegetables (practice)	0.034191	0.2718
Taxonomic composition	Legumes (nuts and seeds)	0.124824	0.0073
Taxonomic composition	Potato	0.047619	0.1972
Taxonomic composition	Pickled food	0.211387	1.00E-04
Taxonomic composition	Fried food	0.020994	0.311
Taxonomic composition	Salty snack	0.141573	4.00E-04
Taxonomic composition	Fruit	0.055477	0.1854
Taxonomic composition	Ice cream and pudding	0.062705	0.0354
Taxonomic composition	Sweets and snacks after eating	0.093965	1.00E-04
Taxonomic composition	Sugar candy	0.030778	0.0766
Taxonomic composition	ade	0.022969	0.3222
Taxonomic composition	Sodas	0.063042	2.00E-04