## Supplementary Tables

Table S1 Pairwise dissimilarity tests of taxonomic composition among bacterial modules using PERMANOVA (*adonis* function in vegan package 2.5-3). R2 and P-values (in bracket) are shown.

|  |  |  |  |
| --- | --- | --- | --- |
|  | BM1 | BM2 | BM3 |
| BM2 | 0.553 (<0.001) |  |  |
| BM3 | 0.553 (<0.001) | 0.563 (<0.001) |  |
| BM4 | 0.559 (<0.001) | 0.568 (<0.001) | 0.561 (<0.001) |

Table S2 Pairwise dissimilarity tests of taxonomic composition among fungal modules using PERMANOVA (*adonis* function in vegan package 2.5-3). R2 and P-values (in bracket) are shown.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | FM1 | FM2 | FM3 | FM4 | FM5 |
| FM2 | 0.358 (<0.001) |  |  |  |  |
| FM3 | 0.441 (<0.001) | 0.516 (<0.001) |  |  |  |
| FM4 | 0.374 (<0.001) | 0.442 (<0.001) | 0.537 (<0.001) |  |  |
| FM5 | 0.273 (<0.001) | 0.331 (<0.001) | 0.411 (<0.001) | 0.347 (<0.001) |  |
| FM6 | 0.345 (<0.001) | 0.410(<0.001) | 0.501 (<0.001) | 0.428 (<0.001) | 0.319 (<0.001) |