**Table S7** p-values of ANOSIM pairwise comparisons of microbiota composition between timepoints. Statistically significant values (p < 0.05) are shown in red.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Taxonomic composition comparisons** | | | | | | |
|  | MB | I1 | I2 | I3 | I4 | I5 |
| MA | 0.2241 | 1e-04 | 0.0001 | 0.0001 | 0.0001 | 0.0003 |
| MB | NA | 1e-04 | 0.0001 | 0.0001 | 0.0001 | 0.0092 |
| I1 | NA | NA | 0.6392 | 0.4657 | 0.0893 | 0.0019 |
| I2 | NA | NA | NA | 0.9049 | 0.2144 | 0.0015 |
| I3 | NA | NA | NA | NA | 0.3113 | 0.0015 |
| I4 | NA | NA | NA | NA | NA | 0.0184 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Functional composition comparisons** | | | | | | |
|  | MB | I1 | I2 | I3 | I4 | I5 |
| MA | 0.0798 | 1e-04 | 0.0001 | 0.0001 | 0.0001 | 0.0002 |
| MB | NA | 1e-04 | 0.0001 | 0.0001 | 0.0001 | 0.0036 |
| I1 | NA | NA | 0.6911 | 0.4381 | 0.0135 | 0.0001 |
| I2 | NA | NA | NA | 0.9544 | 0.2044 | 0.0006 |
| I3 | NA | NA | NA | NA | 0.1989 | 0.0005 |
| I4 | NA | NA | NA | NA | NA | 0.0899 |