|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Trophic\_Mode** | **CTA1** | **CTA2** | **CTA3** | **CTA4** | **CTA5** |
| **Pathogen-Saprotroph-Symbiotroph** | 0.000321  | 0.000051  | 0.000017  | 0.000237  | 0.000254  |
| **Pathotroph** | 0.021631  | 0.011498  | 0.036245  | 0.046144  | 0.025558  |
| **Pathotroph-Saprotroph** | 0.052410  | 0.052780  | 0.044824  | 0.028305  | 0.028406  |
| **Pathotroph-Saprotroph-Symbiotroph** | 0.022892  | 0.014210  | 0.016488  | 0.020213  | 0.021947  |
| **Pathotroph-Symbiotroph** | 0.000794  | 0.000894  | 0.000744  | 0.001670  | 0.001214  |
| **Saprotroph** | 0.535772  | 0.714339  | 0.618950  | 0.681034  | 0.672304  |
| **Saprotroph-Symbiotroph** | 0.001332  | 0.000557  | 0.000810  | 0.001485  | 0.001315  |
| **Symbiotroph** | 0.045944  | 0.026539  | 0.034448  | 0.032561  | 0.028499  |
| **Unassigned** | 0.319012  | 0.179202  | 0.247551  | 0.188478  | 0.220602  |
| **Trophic\_Mode** | **Fer1** | **Fer2** | **Fer3** | **Fer4** | **Fer5** |
| **Pathogen-Saprotroph-Symbiotroph** | 0.000826  | 0.001350  | 0.000101  | 0.002174  | 0.000034  |
| **Pathotroph** | 0.187227  | 0.063505  | 0.017924  | 0.046602  | 0.031193  |
| **Pathotroph-Saprotroph** | 0.060836  | 0.067360  | 0.037306  | 0.121283  | 0.059488  |
| **Pathotroph-Saprotroph-Symbiotroph** | 0.039916  | 0.208445  | 0.011566  | 0.059573  | 0.052287  |
| **Pathotroph-Symbiotroph** | 0.010098  | 0.005733  | 0.002748  | 0.005697  | 0.001502  |
| **Saprotroph** | 0.336078  | 0.303621  | 0.403887  | 0.318378  | 0.367262  |
| **Saprotroph-Symbiotroph** | 0.001688  | 0.001215  | 0.002008  | 0.001433  | 0.001029  |
| **Symbiotroph** | 0.077062  | 0.049533  | 0.105864  | 0.076336  | 0.057862  |
| **Unassigned** | 0.286356  | 0.299339  | 0.418696  | 0.368627  | 0.429469  |
| **Trophic\_Mode** | **H2O1** | **H2O2** | **H2O3** | **H2O4** | **H2O5** |
| **Pathogen-Saprotroph-Symbiotroph** | 0.000286  | 0.000320  | 0.000118  | 0.000118  | 0.000051  |
| **Pathotroph** | 0.038998  | 0.037025  | 0.036214  | 0.043782  | 0.037749  |
| **Pathotroph-Saprotroph** | 0.043359  | 0.068694  | 0.062826  | 0.020450  | 0.030264  |
| **Pathotroph-Saprotroph-Symbiotroph** | 0.009003  | 0.039732  | 0.030883  | 0.031000  | 0.022302  |
| **Pathotroph-Symbiotroph** | 0.002683  | 0.003761  | 0.003760  | 0.001433  | 0.003693  |
| **Saprotroph** | 0.301337  | 0.338883  | 0.249106  | 0.272978  | 0.413270  |
| **Saprotroph-Symbiotroph** | 0.001333  | 0.001216  | 0.001403  | 0.001215  | 0.002666  |
| **Symbiotroph** | 0.090578  | 0.075226  | 0.131544  | 0.100490  | 0.074231  |
| **Unassigned** | 0.512545  | 0.435287  | 0.484277  | 0.528656  | 0.415911  |