Table S7 Redundancy analysis on enzyme activity and soil dominant bacterial phylum

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| --- | --- | --- | --- | --- |
|  | RDA1 | RDA2 | r2 | Pr(>r) |
| Polyphenol oxidase | -0.966  | -0.257  | 0.060  | 0.445  |
| Dehydrogenase | 0.986  | -0.164  | 0.344  | 0.004  |
| Catalase | 0.469  | 0.883  | 0.189  | 0.073  |
| Peroxidase | -0.983  | 0.183  | 0.180  | 0.073  |
| Neutral protease | -0.724  | 0.689  | 0.078  | 0.339  |
| invertase | 0.977  | -0.211  | 0.518  | 0.000  |
| Neutral phosphatase | -0.052  | -0.999  | 0.171  | 0.081  |
| Urease | -0.969  | 0.245  | 0.058  | 0.430  |