|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model parameters** | **0-5 cm** | | | | **5-10 cm** | | | |
| **AM Fungi** | **EM Fungi** | **Bacteria** | **Total Fungi** | **AM Fungi** | **EM Fungi** | **Bacteria** | **Total Fungi** |
| AM dominance |  |  |  | β= 0.32  R2= 0.09  p= 0.082 |  |  |  |  |
| Stand age |  | β= 0.29  R2= 0.10  p= 0.062 |  |  |  |  |  | β= -0.28  R2= 0.12  p= 0.056 |
| VAI |  | β= 0.39  R2= 0.17  p= 0.013 | β= 0.21  R2= 0.10  p= 0.065 |  |  |  |  |  |
| C:N |  |  |  | β= -0.26  R2= 0.10  p= 0.079 |  |  |  | β= -0.35  R2= 0.26  p= 0.004 |
| pH | β= 0.39  R2= 0.16  p= 0.026 |  | β= 0.65  R2= 0.41  p <0.001 |  | β= 0.33  R2= 0.09  p= 0.091 |  | β= 0.41  R2= 0.17  p= 0.016 | β= 0.35  R2= 0.21  p= 0.010 |
| Longitude |  |  |  |  |  |  |  | β= -0.22  R2= 0.12  p= 0.062 |
| TAP | β= 0.28  R2= 0.13  p= 0.047 |  |  |  |  |  |  |  |