|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **0-5 cm** | | | | **5-10 cm** | | | |
| **AM Fungi** | **EM Fungi** | **Bacteria** | **Total Fungi** | **AM Fungi** | **EM Fungi** | **Bacteria** | **Total Fungi** |
| Total tree richness | - | - | - | - | - | - | - | β= -0.23  p= 0.042 |
| AM dominance | - | - | - | - | - | - | - | - |
| Stand age | - | β= 0.57  p= 0.027 | - | - | - | - | - | - |
| Basal Area Increment | - | - | - | - | - | - | - | β= 0.37  p= 0.014 |
| VertSD | - | - | - | - | - | - | - | - |
| VAI | - | β= 0.43  p= 0.025 | - | - | - | - | - | - |
| VCI | - | - | - | - | - | - | - | - |
| C:N | - | - | - | - | - | - | - | - |
| pH | β= 0.43  p= 0.04 | - | β= 0.59  p= 0.002 | - | - | - | β= 0.63  p= 0.013 | - |
| FeOx (percent) | - | - | - | - | - | - | - | - |
| **Random Effects** |  | | | | | | | |
| ICC | 0.00 | 0.03 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| Marginal R2 | 0.447 | 0.434 | 0.589 | 0.333 | 0.277 | 0.203 | 0.427 | 0.764 |
| Conditional R2 | 0.447 | 0.452 | 0.589 | 0.333 | 0.294 | 0.203 | 0.427 | 0.764 |