Table 2. Model estimates from farmers’ management practices employed to adapt to perceived changes in climate patterns in Central America.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Practices | Estimate | Std. Error | z value | Pr(>|z|) | Signif. |
| Reforestation and Restoration | 1.5120 | 0.0811 | 18.6470 | < 0.0001 | \*\*\* |
| Introduction of new crops | 0.7572 | 0.0844 | 8.9680 | < 0.0001 | \*\*\* |
| Sustainable soil management | 0.2554 | 0.0834 | 3.0620 | 0.0022 | \*\*\* |
| **Production diversification** | **0.0000** | **--** | **--** | **--** | **--** |
| Change in varieties | -0.2805 | 0.0883 | -3.1770 | 0.0015 | \*\* |
| Sustainable water management | -0.6814 | 0.0919 | -7.4140 | < 0.0001 | \*\*\* |
| Use of more fertilizers and pesticides | -0.7658 | 0.0925 | -8.2820 | < 0.0001 | \*\*\* |
| Use of less fertilizers and pesticides | -0.8516 | 0.0942 | -9.0400 | < 0.0001 | \*\*\* |
| Leave farming system | -1.4053 | 0.1069 | -13.1440 | < 0.0001 | \*\*\* |
| Change in agricultural calendar | -1.5276 | 0.1095 | -13.9520 | < 0.0001 | \*\*\* |

Significance levels: ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1