Tabela 1. Division of clusters (groups) according to the similarity of their agricultural practices in coffee production.

|  |  |  |  |
| --- | --- | --- | --- |
| *Cluster* | | Percentage | Frequency |
|  | 1 | 61,5% | 16 |
| 2 | 38,5% | 10 |
| Total | 100,0% | 26 |

Tabela 2. Planning of the seven variables extracted by discriminant analysis by the method "stepwise".

|  |  |  |
| --- | --- | --- |
| Order extraction | Variables | |
| 1 | Fertilizations are made based on soil analysis? |
| 2 | In case of rain, during drying of the coffee beans in the yard, they are suitably protected? |
| 3 | Do triple washing and reusing packaging properly? |
| 4 | Discard the water used in washing machines and implements in an appropriate place? |
| 5 | Seed dropping, collect and transport the coffee beans harvested on the same day? |
| 6 | He has suffered some kind of accident at work? |
| 7 | It has some kind of vector control (insects, rodents, etc.) in the storage units? |

Tabela 3. Percentage among groups of family farmers and the performance percentage over the 7 variables extracted by discriminant analysis.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | Group 1 | | | | | Group 2 | | | | Total | | | |
|  | |  | Frequency | | | | | | | | | | | | |
| 1ª) Fertilizations are made based on soil analysis? | | | | | | | | | | | | | | | |
|  | |  | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| No  Partial  Yes  Total | | | 01 | | | 6,3% | | 8 | | 80,0% | | 09 | | 34,6% | |
| 02 | | | 12,5% | | 1 | | 10,0% | | 03 | | 11,5% | |
| 13 | | | 81,3% | | 1 | | 10,0% | | 14 | | 53,8% | |
| 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 2ª) In case of rain, during drying of the coffee beans in the yard, they are suitably protected? | | | | | | | | | | | | | | | |
|  | |  | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| No  Partial  Yes  Total | | | 0 | | | 0% | | 01 | | 10,0% | | 01 | | 3,8% | |
| 0 | | | 0% | | 02 | | 20,0% | | 02 | | 7,7% | |
| 16 | | | 100% | | 07 | | 70,0% | | 23 | | 88,5% | |
| 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 3ª) Do triple washing and reusing packaging properly? | | | | | | | | | | | | | | | |
|  | |  | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| No | |  | 01 | | | 6,3% | | 07 | | 70,0% | | 08 | | 30,8% | |
| Partial | |  | 02 | | | 12,5% | | 0 | | 0% | | 02 | | 7,7% | |
| Yes | |  | 13 | | | 81,3% | | 03 | | 30,0% | | 16 | | 61,5 | |
| Total | |  | 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 4ª) Discard the water used in washing machines and implements in an appropriate place? | | | | | | | | | | | | | | | |
|  | |  | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| Partial  Yes  Total | | | 0 | | | 0% | | 03 | | 30,0% | | 03 | | 11,5% | |
| 16 | | | 100% | | 07 | | 70,0% | | 23 | | 88,5% | |
| 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 5ª) Seed dropping, collect and transport the coffee beans harvested on the same day? | | | | | | | | | | | | | | | |
|  |  | | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| No  Yes  Total | | | 05 | | | 31,3% | | 08 | | 80,0% | | 13 | | 50,0% | |
| 11 | | | 68,8% | | 02 | | 20,0% | | 13 | | 50,0% | |
| 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 6ª) He has suffered some kind of accident at work? | | | | | | | | | | | | | | | |
|  | |  | Absolute | | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage | |
| No  Partial  Yes  Total | | | 13 | | | 81,3% | | 09 | | 90,0% | | 22 | | 84,6% | |
| 0 | | | 0% | | 01 | | 10,0% | | 01 | | 3,8% | |
| 03 | | | 18,8% | | 0 | | 0% | | 03 | | 11,5% | |
| 16 | | | 100% | | 10 | | 100% | | 26 | | 100% | |
| 7ª) It has some kind of vector control (insects, rodents, etc.) in the storage units? | | | | | | | | | | | | | | | |
|  | | | |  | Absolute | | Percentage | | Absolute | | Percentage | | Absolute | | Percentage |
| Not applicable  No  Yes  Total | | | | | 02 | | 12,5% | | 02 | | 20,0% | | 04 | | 15,4% |
| 07 | | 43,8% | | 06 | | 60,0% | | 13 | | 50,0% |
| 07 | | 43,8% | | 02 | | 20,0% | | 09 | | 34,6% |
| 16 | | 100% | | 10 | | 100% | | 26 | | 100% |