

## **SUPPLEMENTARY MATERIAL**

**to Chapter 3: Profitability of insect production for T. molitor farms in the Netherlands. In: Economic viability of insect production for feed and food in Europe (thesis).**

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## Supplementary material

This supplementary material presents the histograms with frequency distributions of the assessed costs, revenues, gross margins and net present values. Each histogram displays the frequency distribution per variable as indicated in the graph title. For each variable, three equal intervals were used. The intervals were determined by dividing the total range by three. For the histograms on the net present value, four or five equal intervals have been used to include a cut-off value at 0 to distinguish negative and positive NPVs. In these histogram, data represented within [ ] brackets are inclusive, encompassing the specified values, while data enclosed in ( ) parentheses are exclusive, covering values up to but not including the specified limits.

### Histograms of technical variables further detailing the ranges of technical variables as shown in Table 1 of the Manuscript

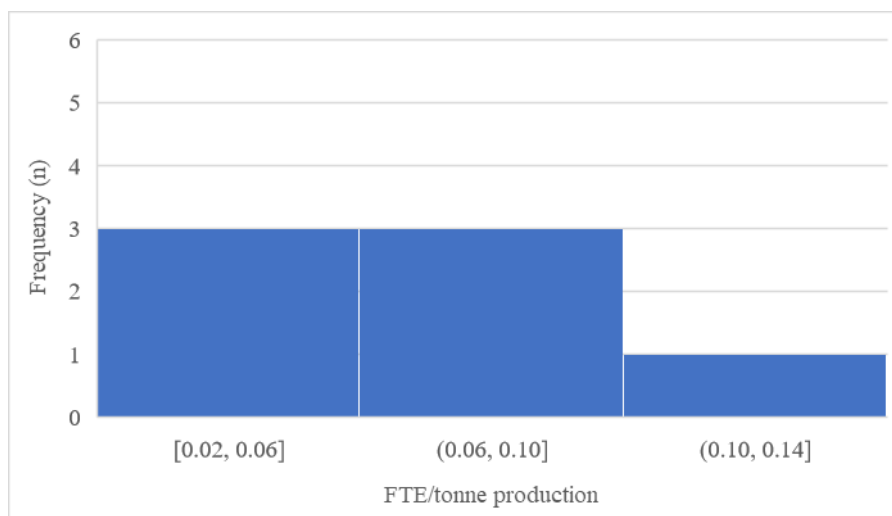


Figure 1 Frequency distribution of the variable Labour requirements ( $n=7$ ).

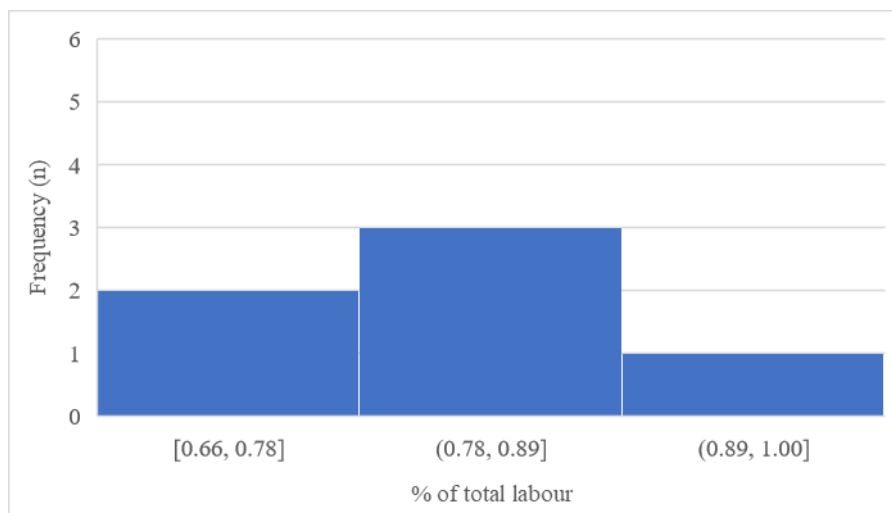


Figure 2 Frequency distribution of the variable Direct care ( $n=6$ ).

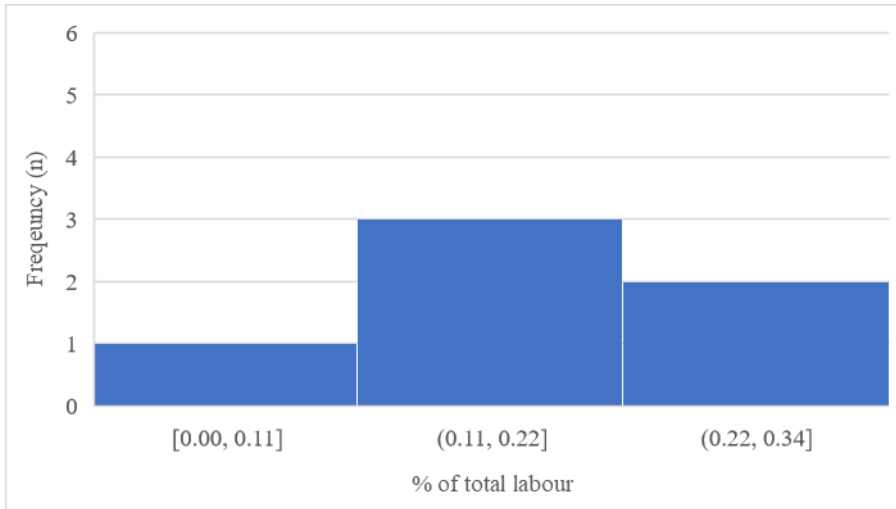


Figure 3 Frequency distribution of the variable Indirect care (n=6).

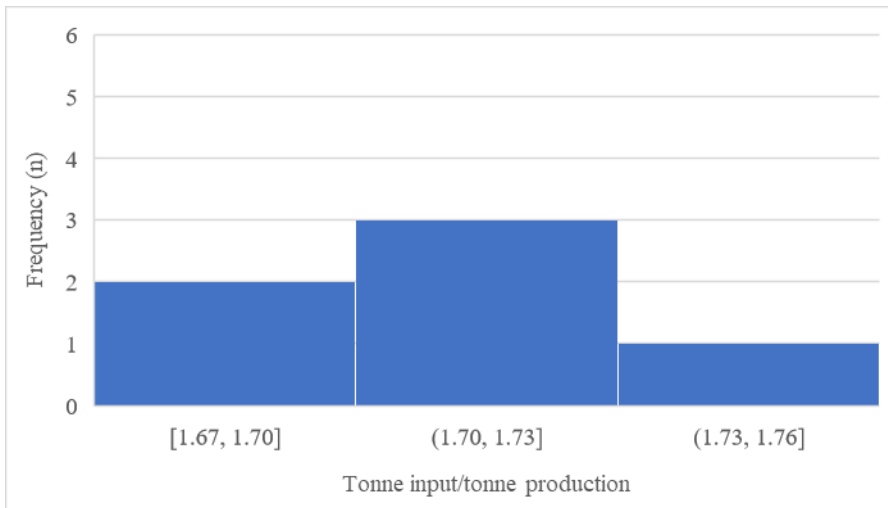


Figure 4 Frequency distribution of the variable Dry feed (input) (n=6).

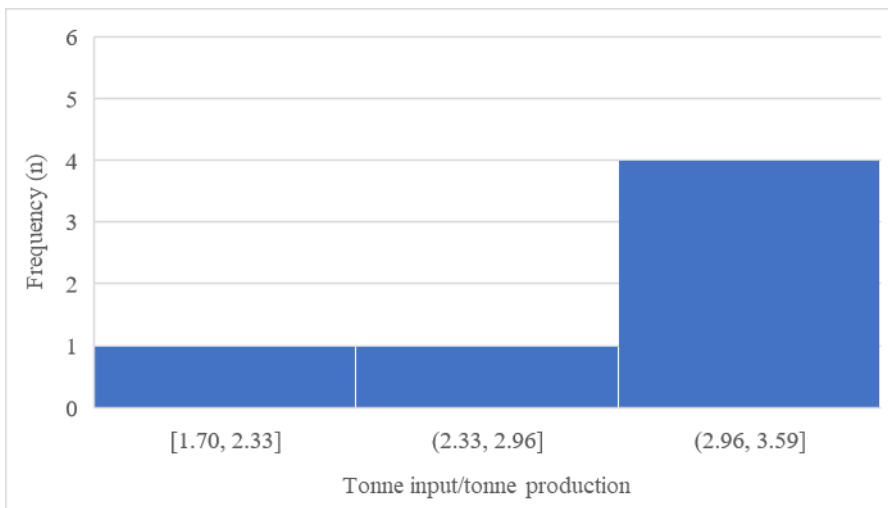


Figure 5 Frequency distribution of the variable Wet feed (input) (n=6).

**Histograms of technical variables further detailing the ranges of economic variables as shown in Table 2 of the Manuscript**

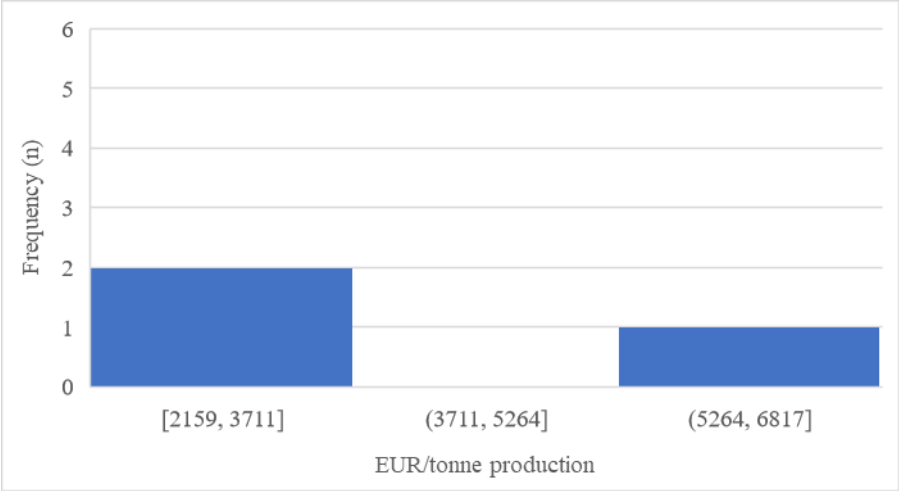


Figure 6 Frequency distribution of the variable Building and installations (n=3)

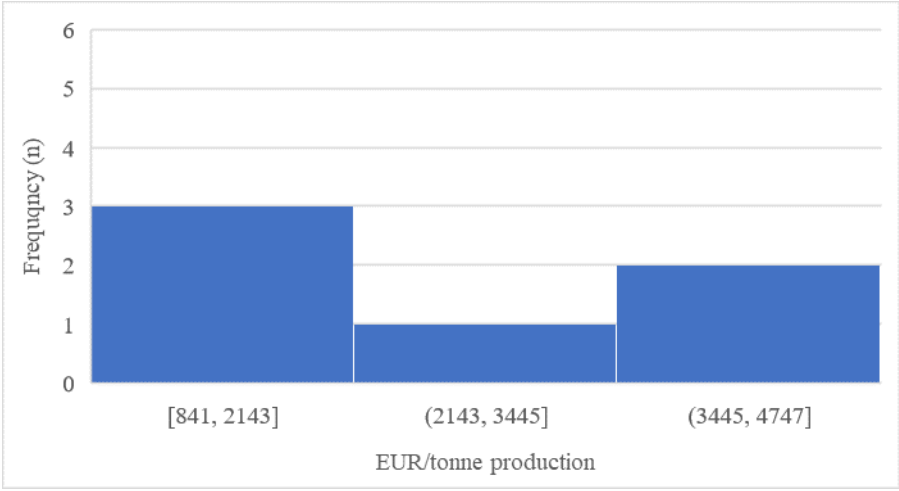


Figure 7 Frequency distribution of the variable Machinery and assets (n=6)

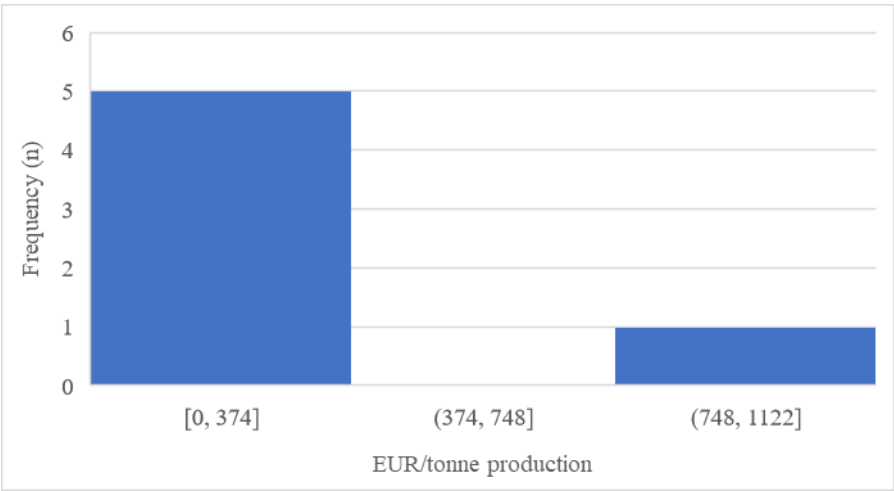


Figure 8 Frequency distribution of the variable Administration, marketing, and quality (n=6),

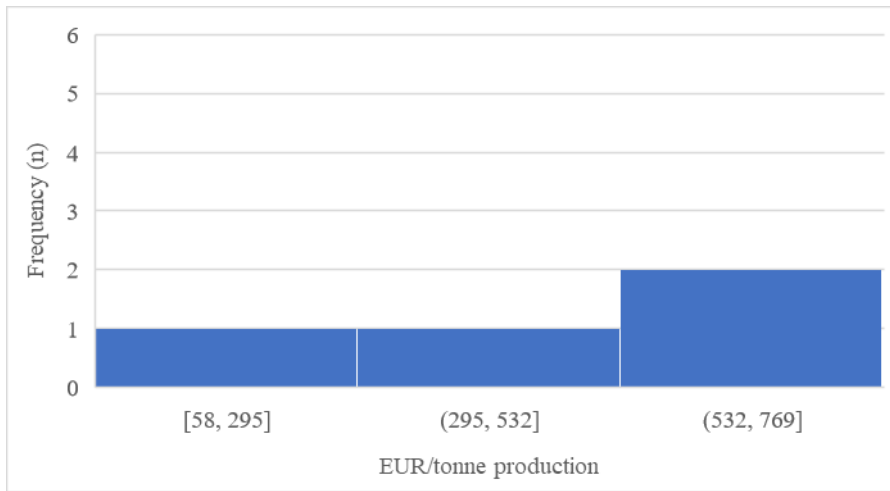


Figure 9 Frequency distribution of the variable Rent (n=4)

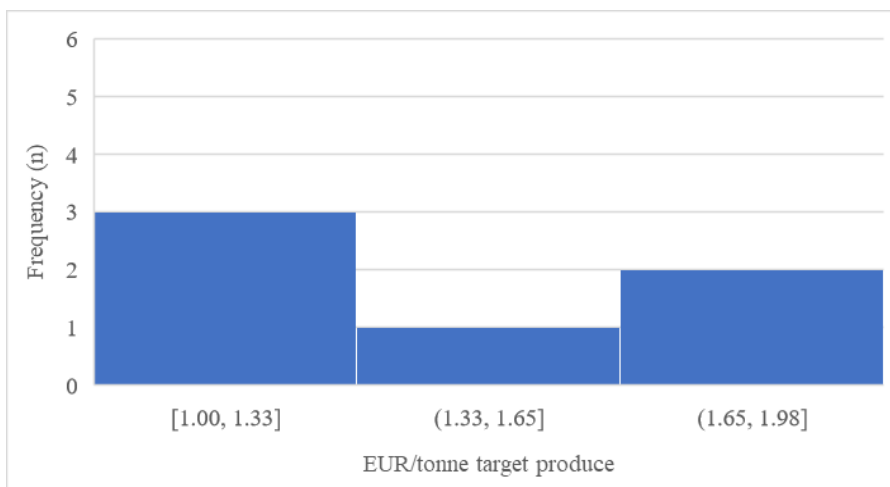


Figure 10 Frequency distribution of the variable Price of young larvae (n=6)

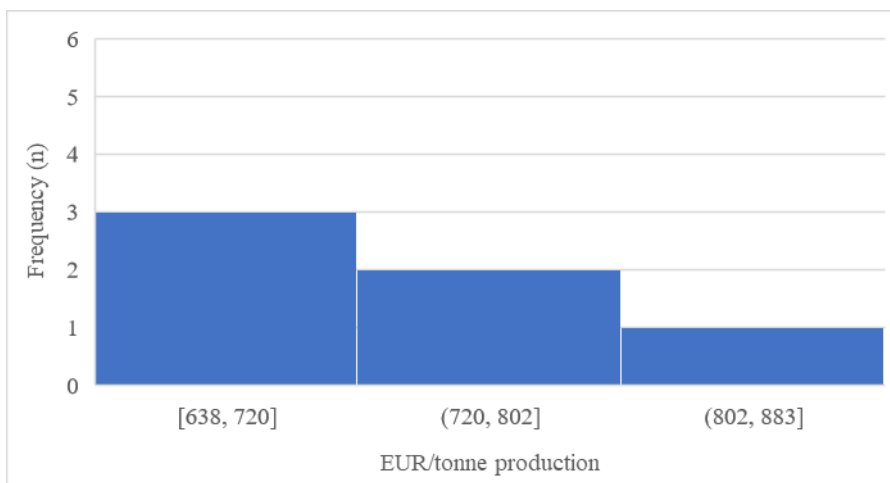


Figure 11 Frequency distribution of the variable Dry feed expenses (n=6),

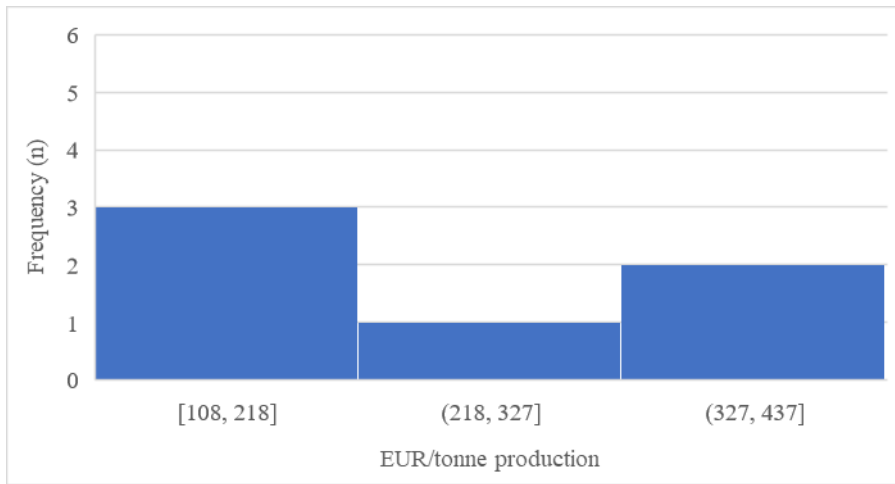


Figure 12 Frequency distribution of the variable *Wet feed* (n=6).

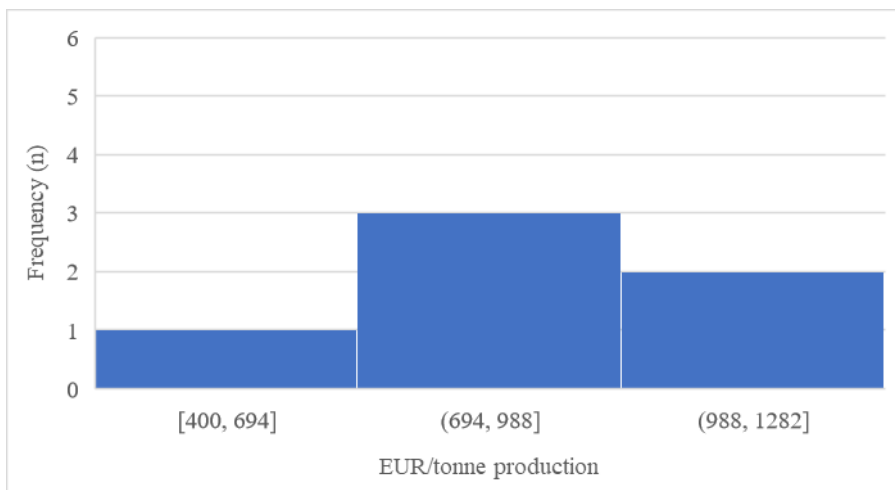


Figure 13 Frequency distribution of the variable *Hired labour* (n=6).

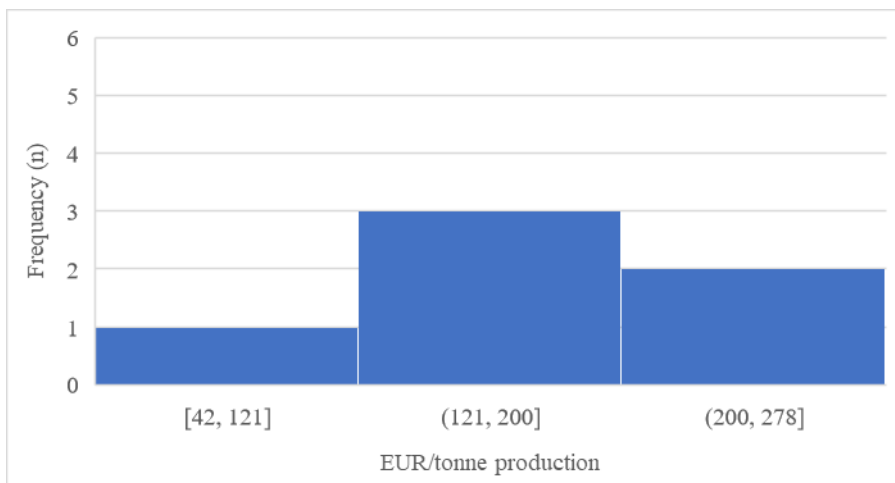


Figure 14 Frequency distribution of the variable *Utilities* (n=6).

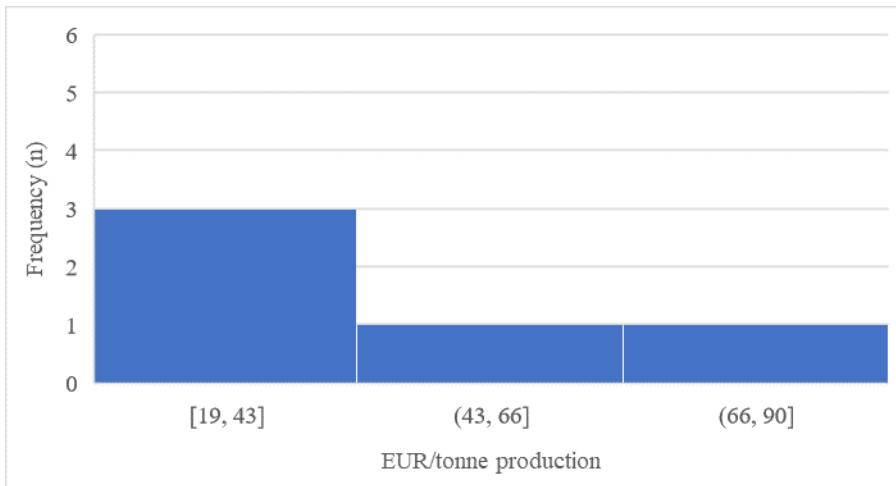


Figure 15 Frequency distribution of the variable Health ( $n=6$ ).

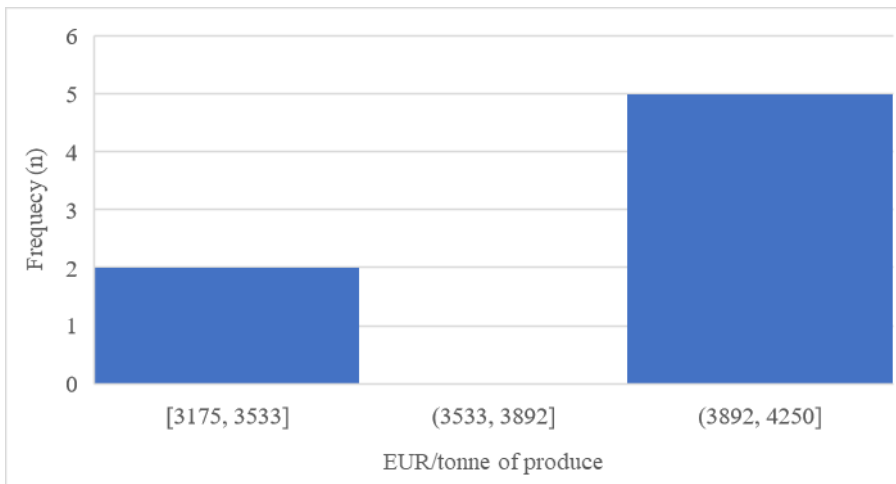


Figure 16 Frequency distribution of the variable Revenues from sales of fresh larvae ( $n=7$ ).

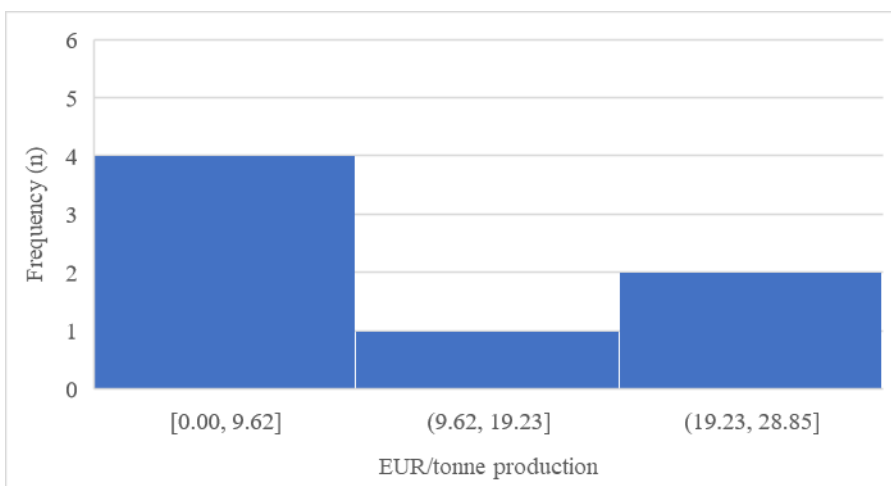


Figure 17 Frequency distribution of the variable Revenues from sales of frass ( $n=7$ ).

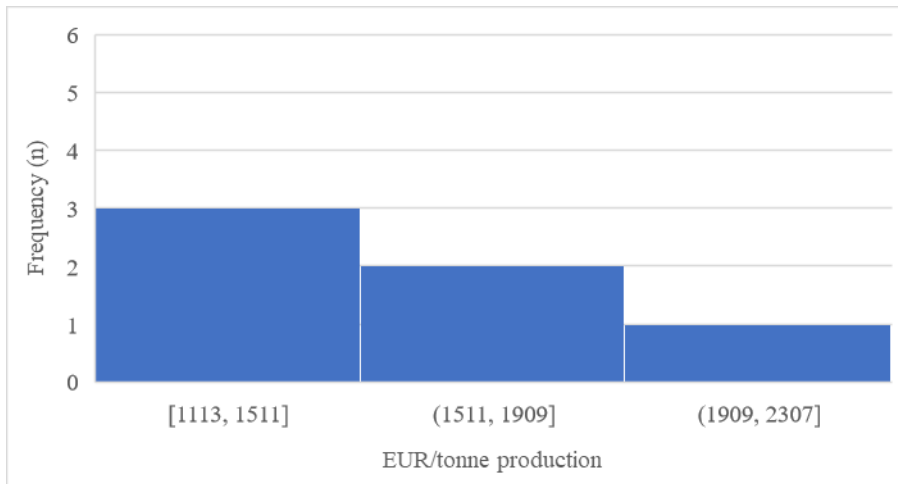


Figure 18 Frequency distribution of the variable GM without accounting for own labour (n=6).

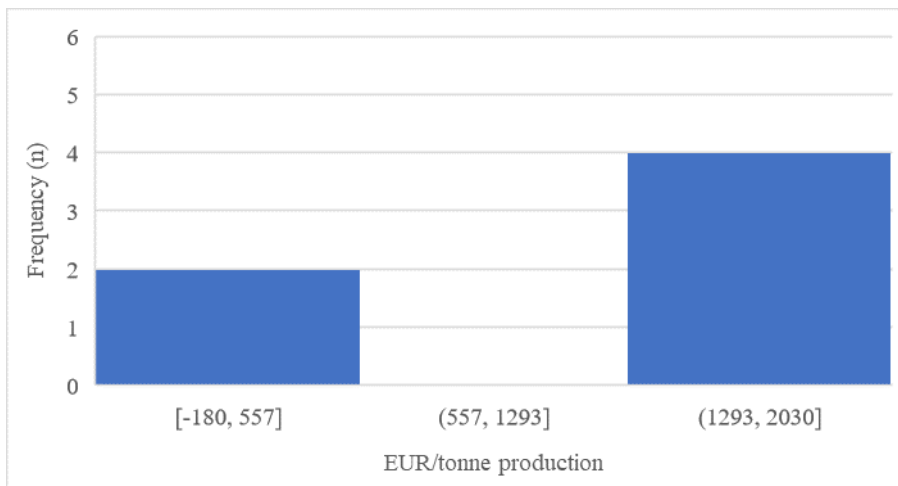


Figure 19 Frequency distribution of the variable GM after deducting "expenses" for own labour (n=6).

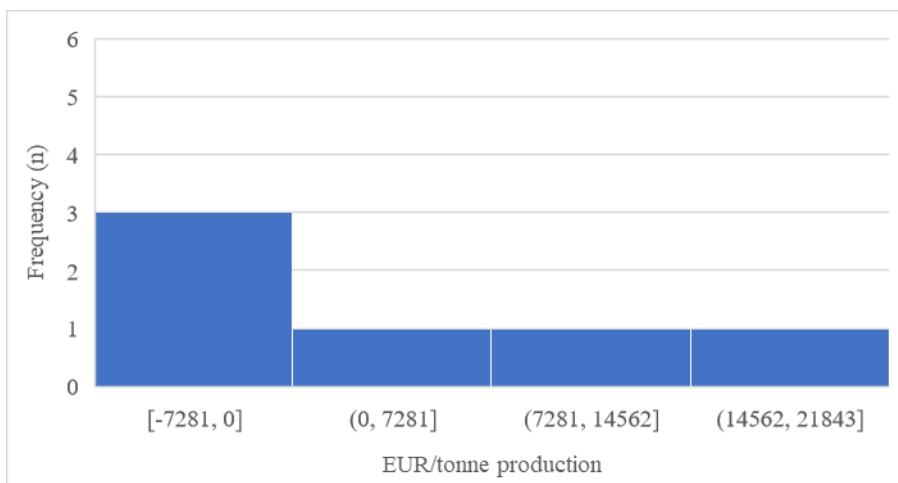


Figure 20 Frequency distribution of the variable NPV without accounting for own labour (n=6).



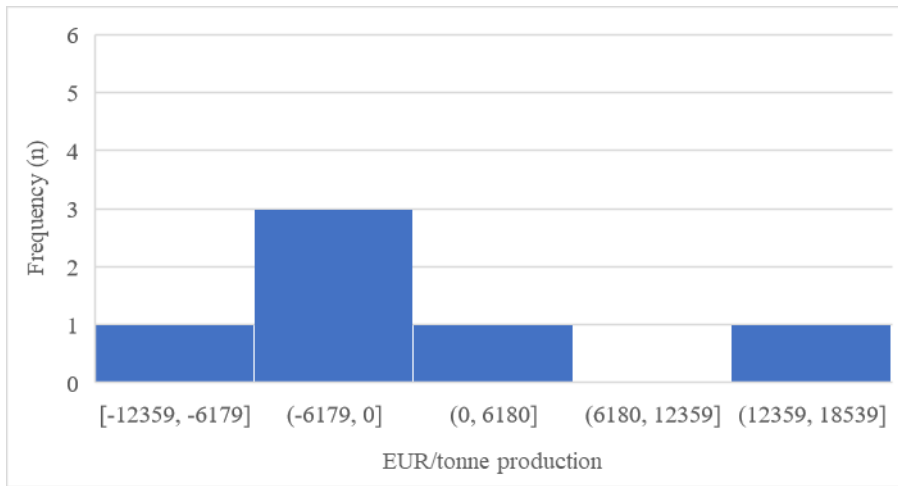


Figure 21 Frequency distribution of the variable NPV after deducting “expenses” for own labour (n=6).