



Forecasting income in riding schools and boarding stables in France – 1st assessment

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Context



- The emergence of the pandemic crisis



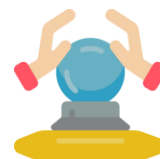
- The shock of war in Ukraine



- The inflation shock

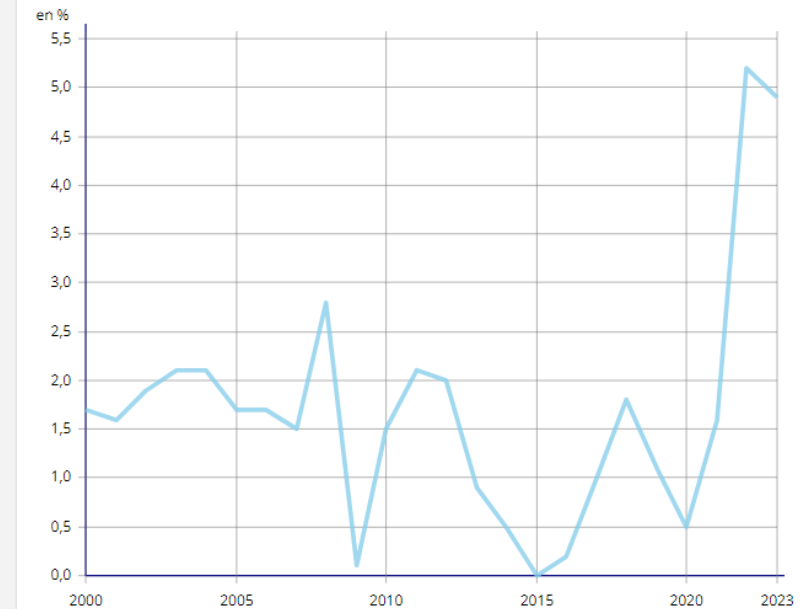


- The purpose of this work is to forecast changes in farmers' income



- Our aim is to get income trends for farmers ahead of time

Évolution annuelle moyenne de l'indice des prix à la consommation



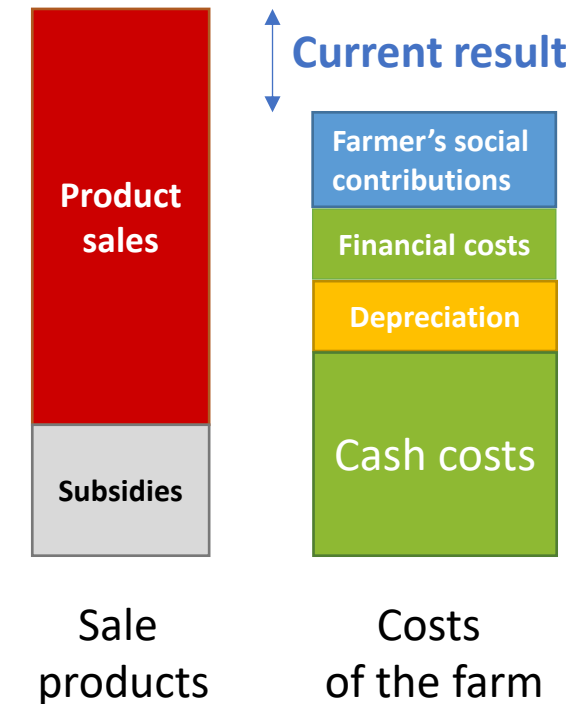
Lecture : en 2023, les prix à la consommation ont en moyenne augmenté de 4,9 %.

Champ : France hors Mayotte, ensemble des ménages.

Source : Insee, **Indice des prix à la consommation**.

Method

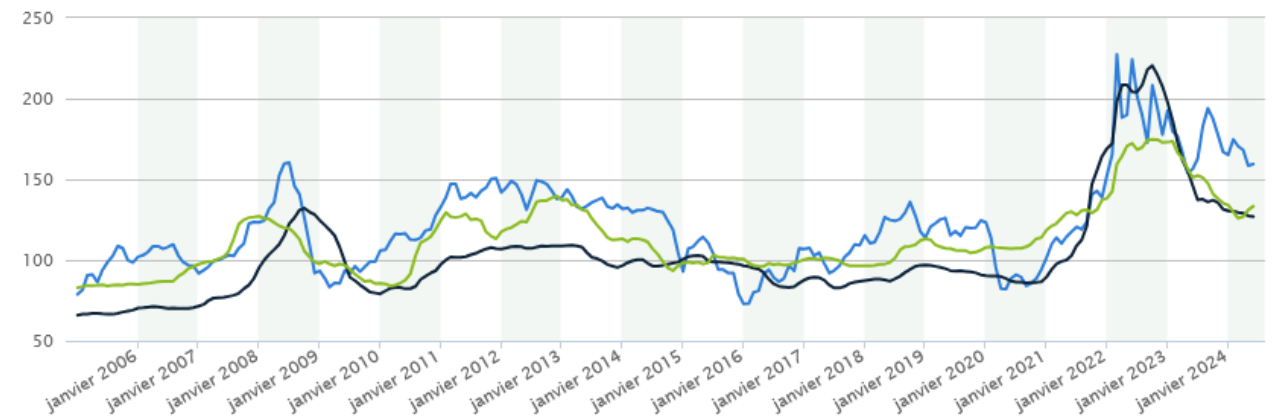
- Current result per farmer labour unit
- Farms studied: riding schools and boarding stables
- Farms studied are specialised



Price variation index for costs

- IPAMPA: Purchase price index for agricultural inputs

IPAMPA	Evolution 2022/2021
Fertilizer	+72.3%
Rent	+3.6%
Nutrition	+24%
Veterinarian costs	+4.6%
Fuel	+51.1%
Wages paid	+5.2%



Source: Institut de l'Élevage, d'après INSEE et AGRESTE
Indice base 100 – année 2015

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— Carburants
 — Engrais et amendements
 — Aliments céréales et sous-produits

Estimating sales

- Data from the field by advisors from Chambers of agriculture
- Specific subsidies



Results

Riding schools



3.04 annual worker units
with 1.21 farmers
and 1.53 employees



30 acres



32 horses used for riding lessons
(53 horses in total)



5 967 annual hours
per horse

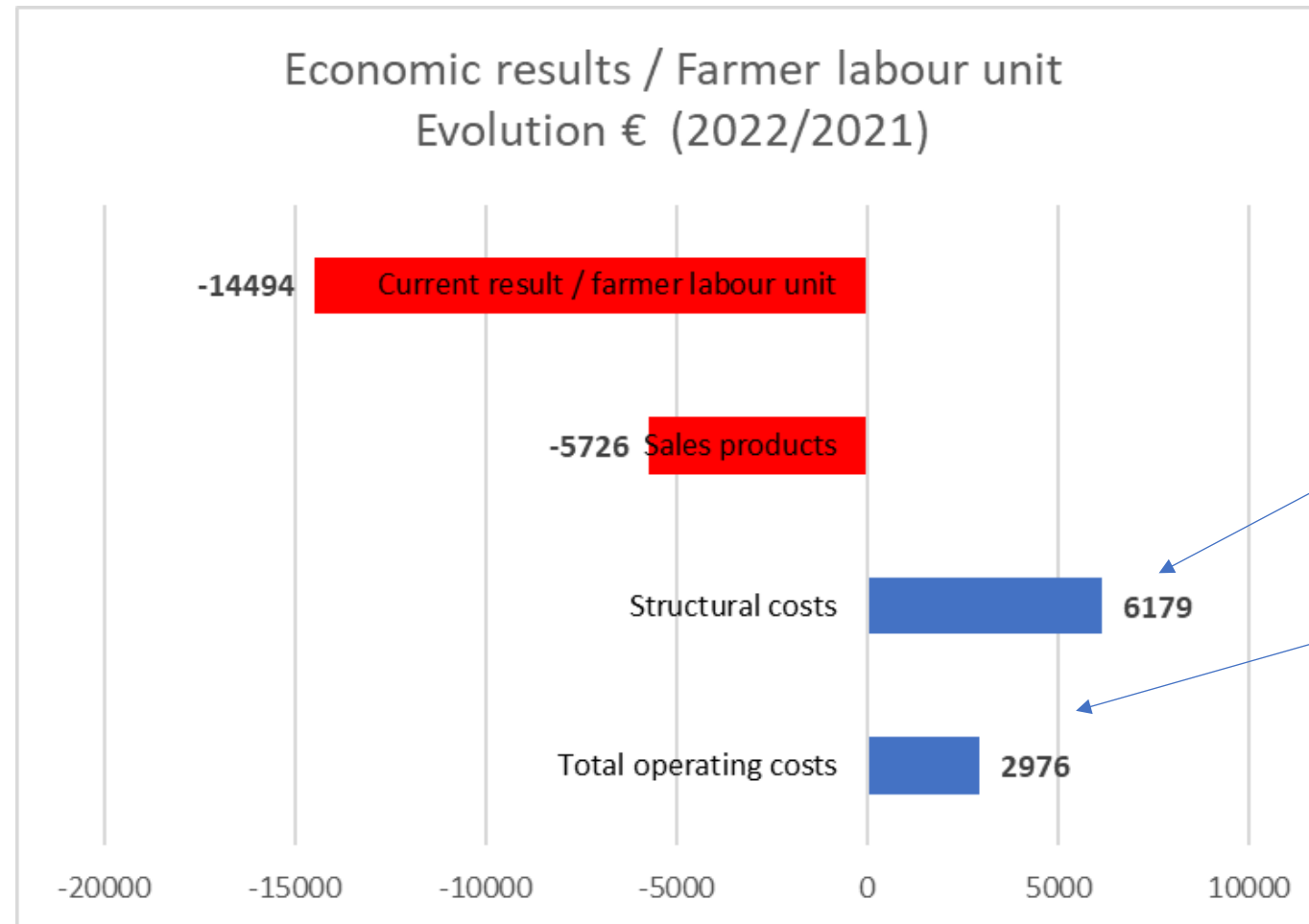


171 riders



Degree of specialisation:
71%

Riding school results



Fuel
Machinery
Wages costs

Forage and
nutrition

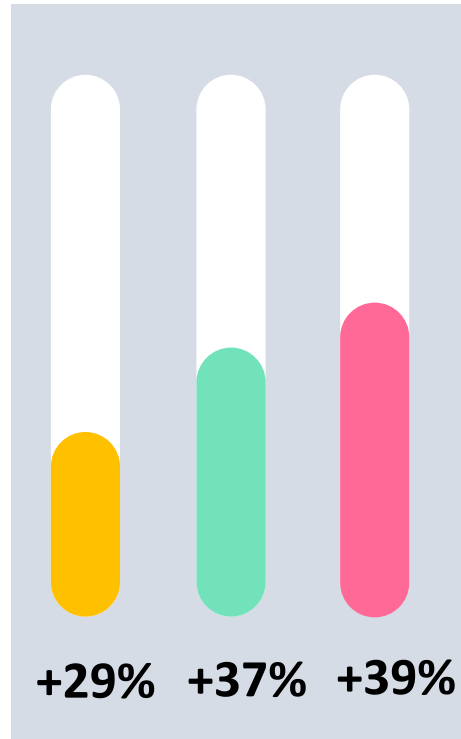
Comparing forecasts with farm monitoring on riding school



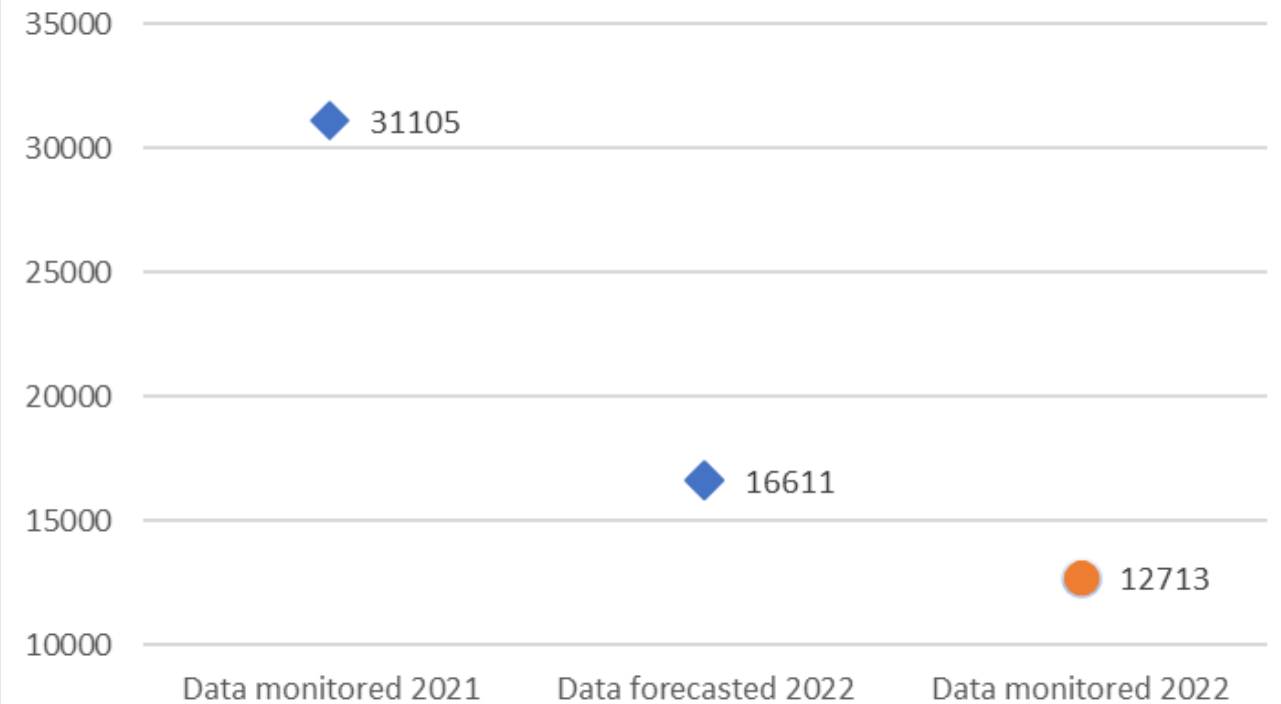
Wages costs

Farmer's social
contributions

Machinery
depreciation

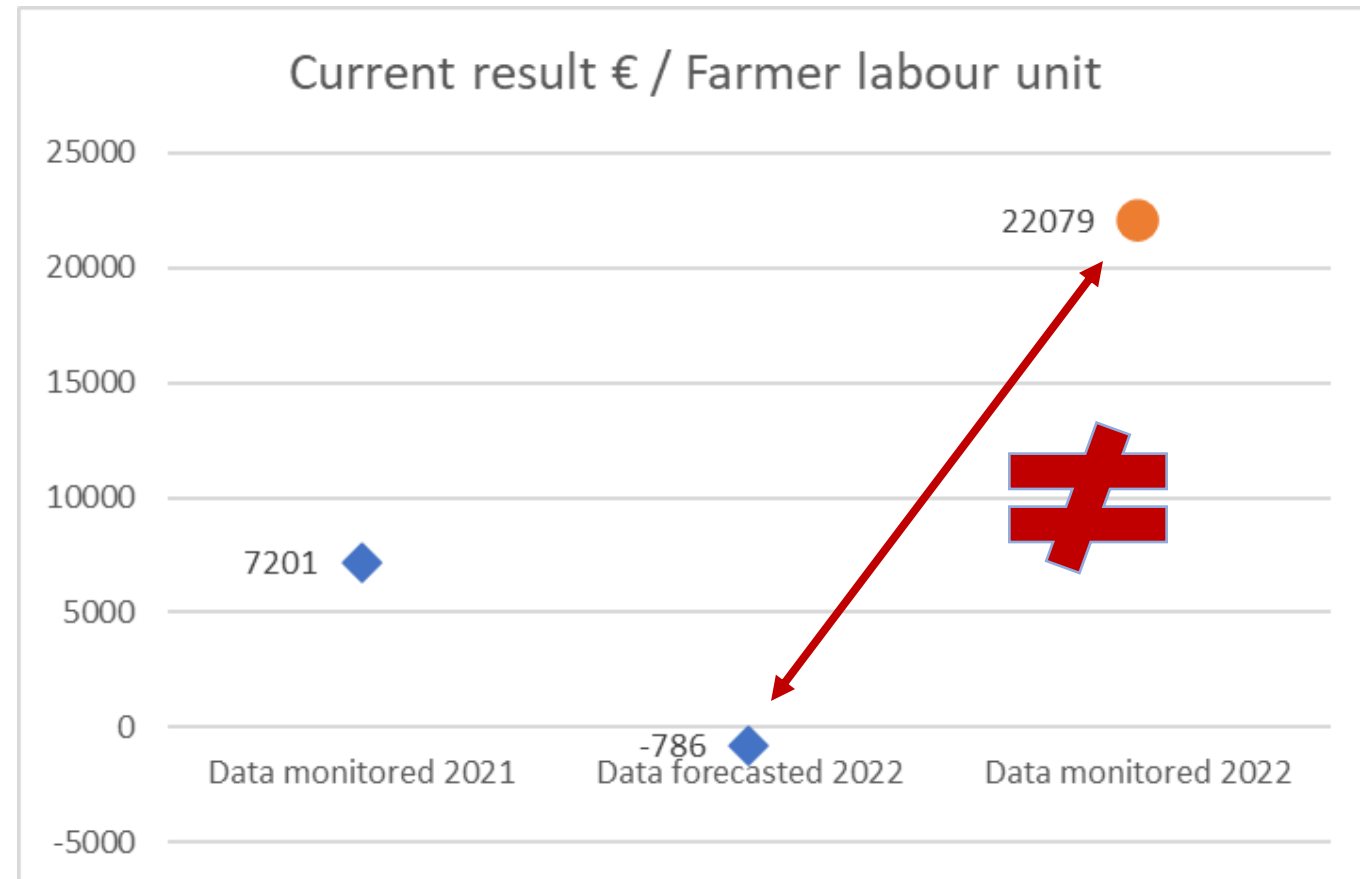


Current result € / Farmer labour unit



Comparing forecasts with farm monitoring on boarding stables

- This difference is mainly due to horse breeding and trading activities, which are difficult to quantify.





Conclusion

- Mistakes can be made
- Forecasting is difficult
- Few farms and few are specialised
- Forecasting is not possible for some activities: breeding and horse trading
- Farms have put adjustment levers in place

Thank you for your attention

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