



Insects-OD

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The Motivation

Insects are a **double-edged sword** in our environment

- Essential for pollination
- Vital for decomposition
- Carry disease
- Damage our crops

The Ministries of Health and Agriculture are preoccupied with understanding as much as possible about them

Data given



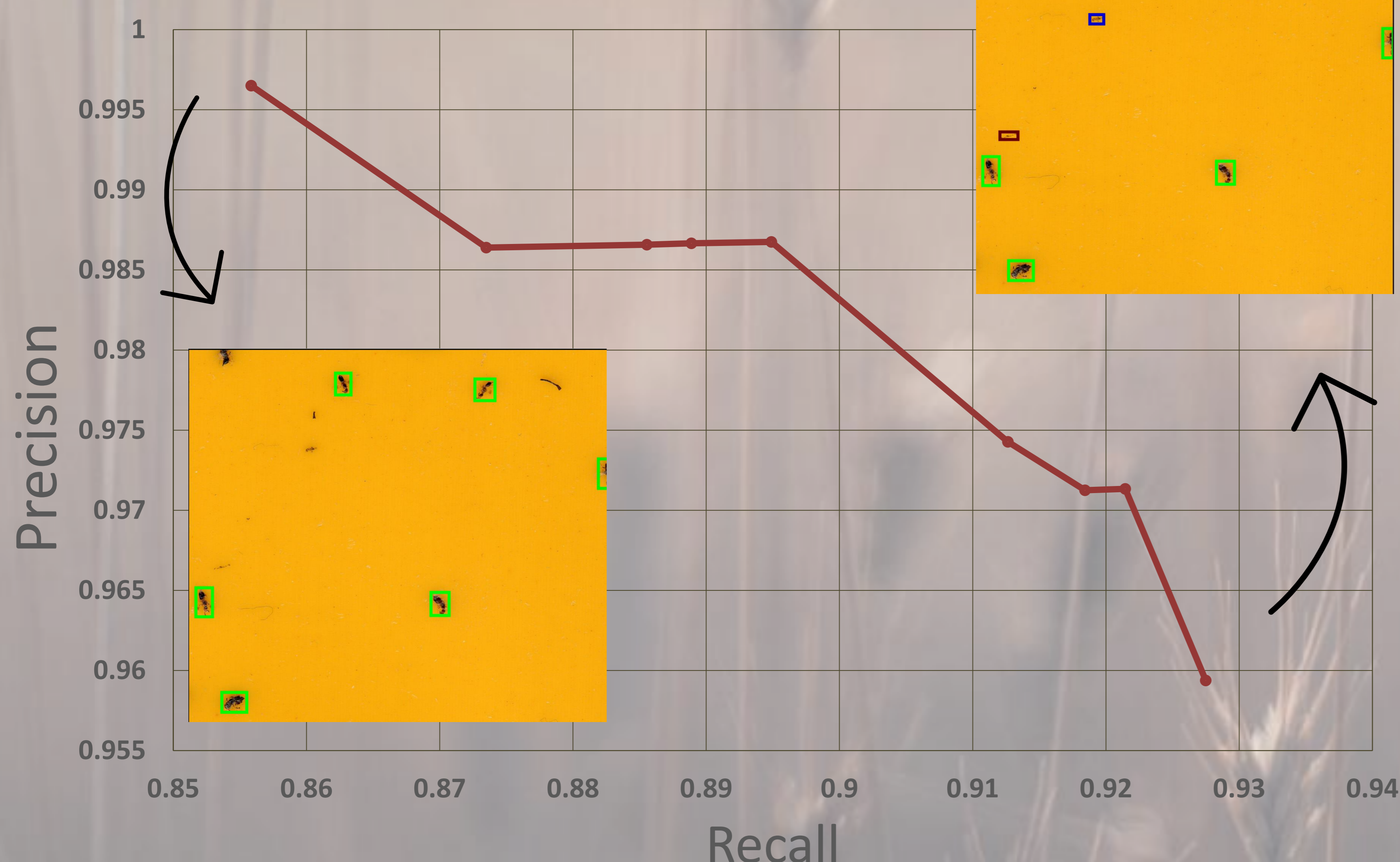
Our solution

Cheap traps, easy to scan, Object detection

- Develop a platform that allows the **creation training and testing** of models that allows the detection of these insects
- High modularity of the project allows for the longevity of its products
- Focus on Detection – To ease the experts' fundamental time-consuming task



Our Results



Project's Longevity in-mind

- Allow the creation of models **with or without Classification**
- Import existing models to continue training
- Create and load new data or even use existing data that was **categorized by a previous model**
- Fully configurable training behavior
- No coding is required for the creation and testing of models