

December 15, 2013



### **Outline**

### Simulation results and analysis

**Evolution of the model** 

### Missing flower season comparison

Spring

Summer

### Critical points in the fall season

Death criteria:

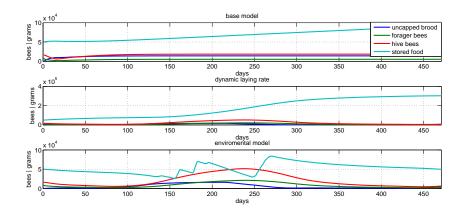
Overview

Variation

# Simulation results and analysis

- Evolution of the model
- Missing flower season comparison
- Critical points in the fall season

## **Evolution of the model**

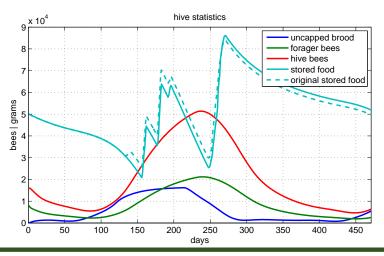


# Missing flower season comparison

- Eliminate non critical seasons
- Study effects of missing season
- Observe the hives compensation measures

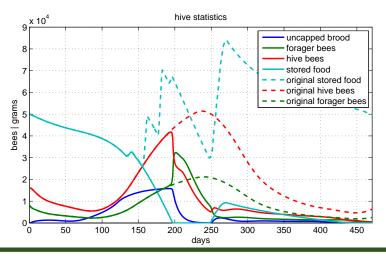


## **Spring**





### Summer



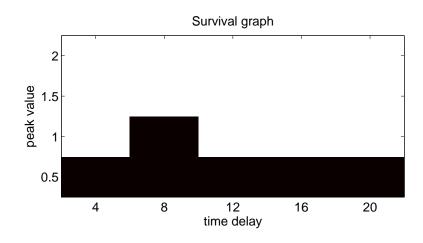
# Critical points in the fall season

#### Death criteria:

- Less than 1000 bees at day 400
- Less than 20kg of stored food at day 400



### Overview



## **Variation**

