



Eidgenössische Technische Hochschule Zürich  
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# Hive Simulation

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December 15, 2013

# Outline

**Simulation results and analysis**

**Evolution of the model**

**Missing flower season comparison**

Spring

Summer

**Critical points in the fall season**

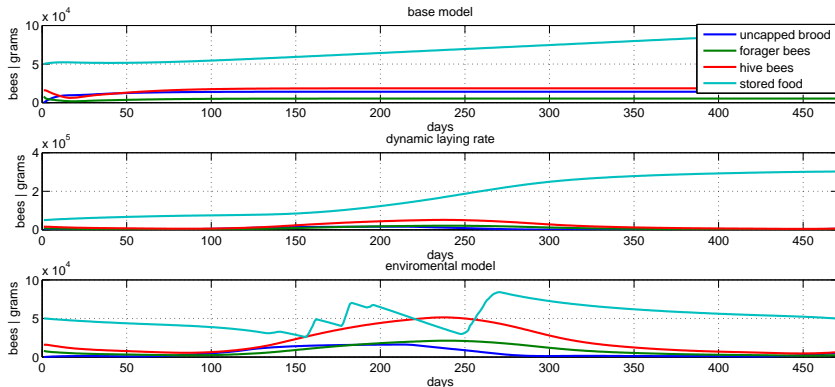
Death criteria:

Overview

## Simulation results and analysis

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

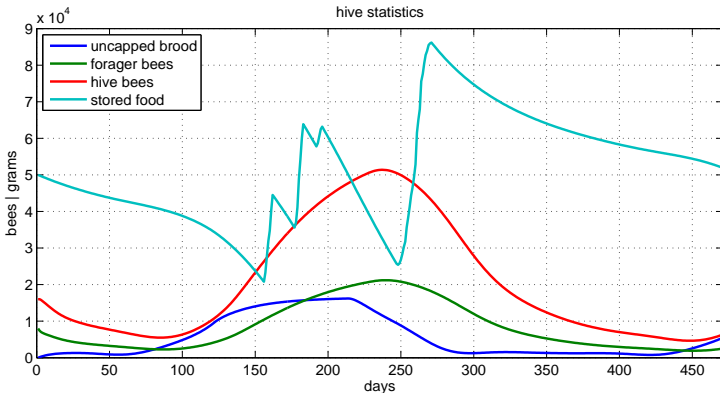
## Evolution of the model



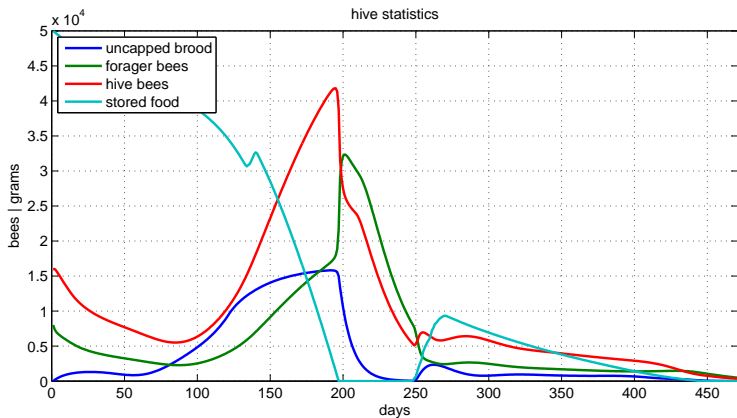
## Missing flower season comparison

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

## Spring



## Summer



## Critical points in the fall season

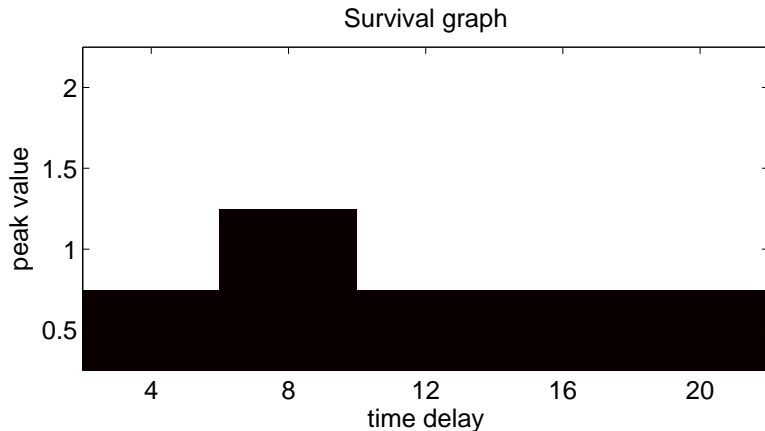


## Death criteria:

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



## Overview



The background of the slide features a honeycomb pattern of hexagons. The top and bottom sections consist of bright yellow hexagons with black outlines. A central horizontal band is a solid dark green color, also featuring a faint honeycomb pattern. The word "Questions?" is written in white text within this green band.

Questions?