

December 15, 2013



Outline

Simulation results and analysis

Evolution of the model

Daily simulation

Missing flower season comparison

Spring

Summer

Critical points in the fall season

Death criteria:

Overview

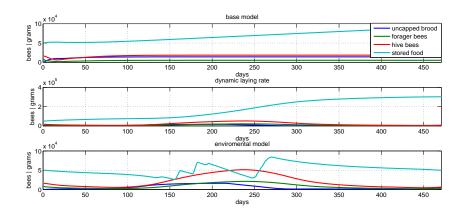
Variation

Peak value influence Delay influence around breaking point

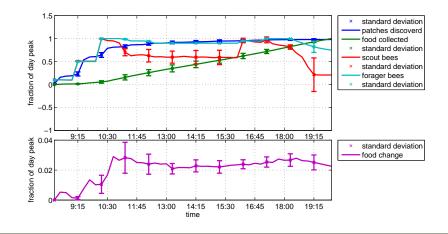
Simulation results and analysis

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

Evolution of the model



Daily simulation

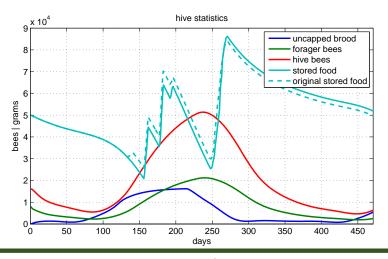


Missing flower season comparison

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

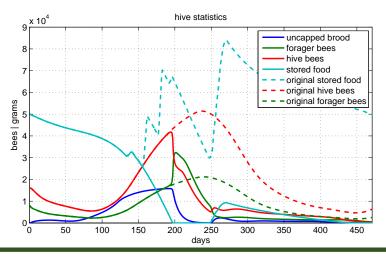


Spring





Summer



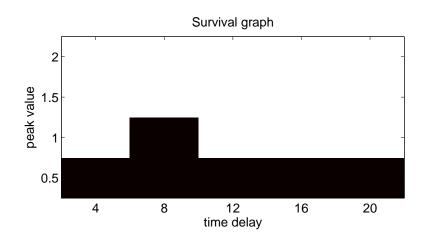
Critical points in the fall season

Death criteria:

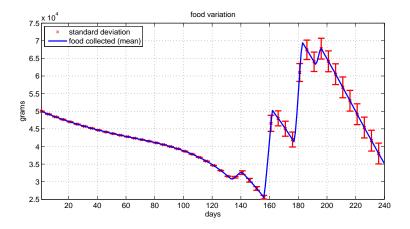
- Less than 1000 bees at day 400
- Less than 20 kg of stored food at day 400



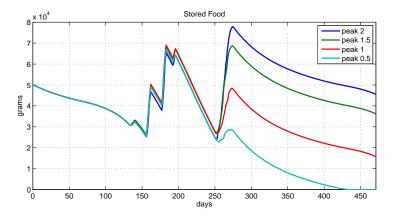
Overview



Variation



Peak value influence



Delay influence around breaking point

