

Model I

- 8 DAEs
- 21 parameters

Local sensitivity analysis



Identifiability analysis

Model II

- 7 DAEs
- 17 parameters



New hypothesis: additional feedbacks
17 real, 5 integer, 3 binary
1700 nested models



Model selection and
identification via MINLP



Model III

- 7 DAEs
- 16 parameters

Global sensitivity analysis



Identifiability analysis

Model III

- 7 DAEs
- 16 parameters