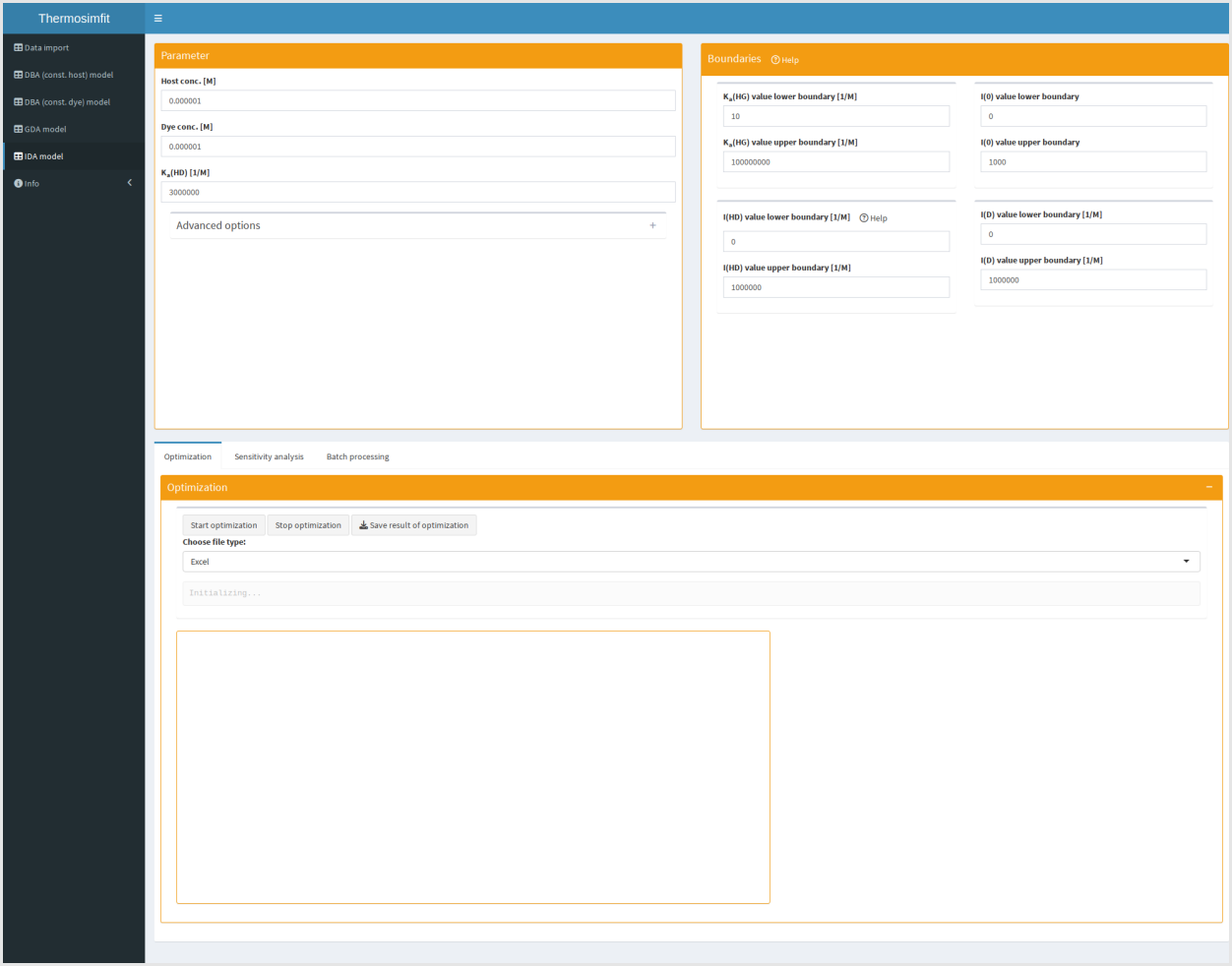
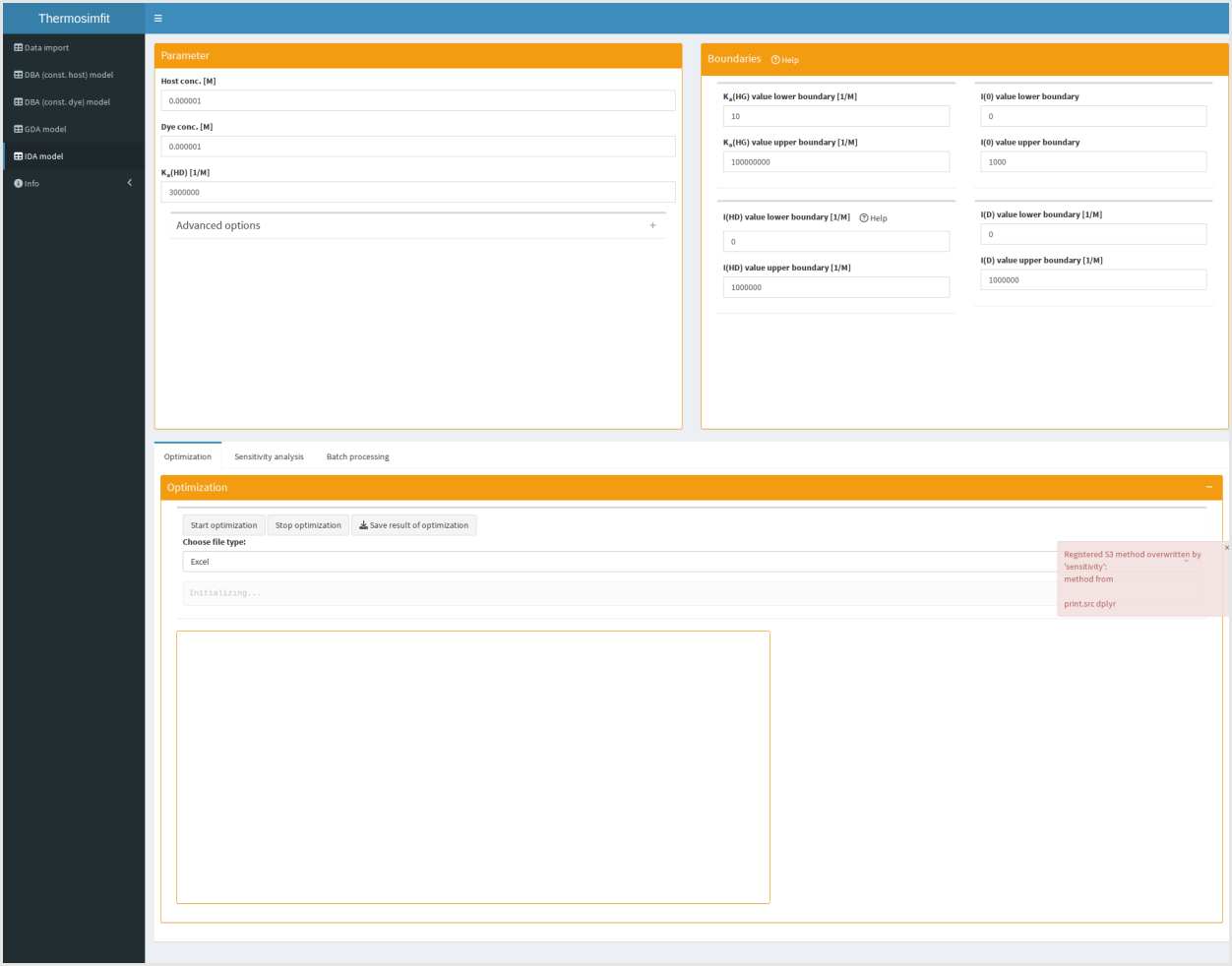
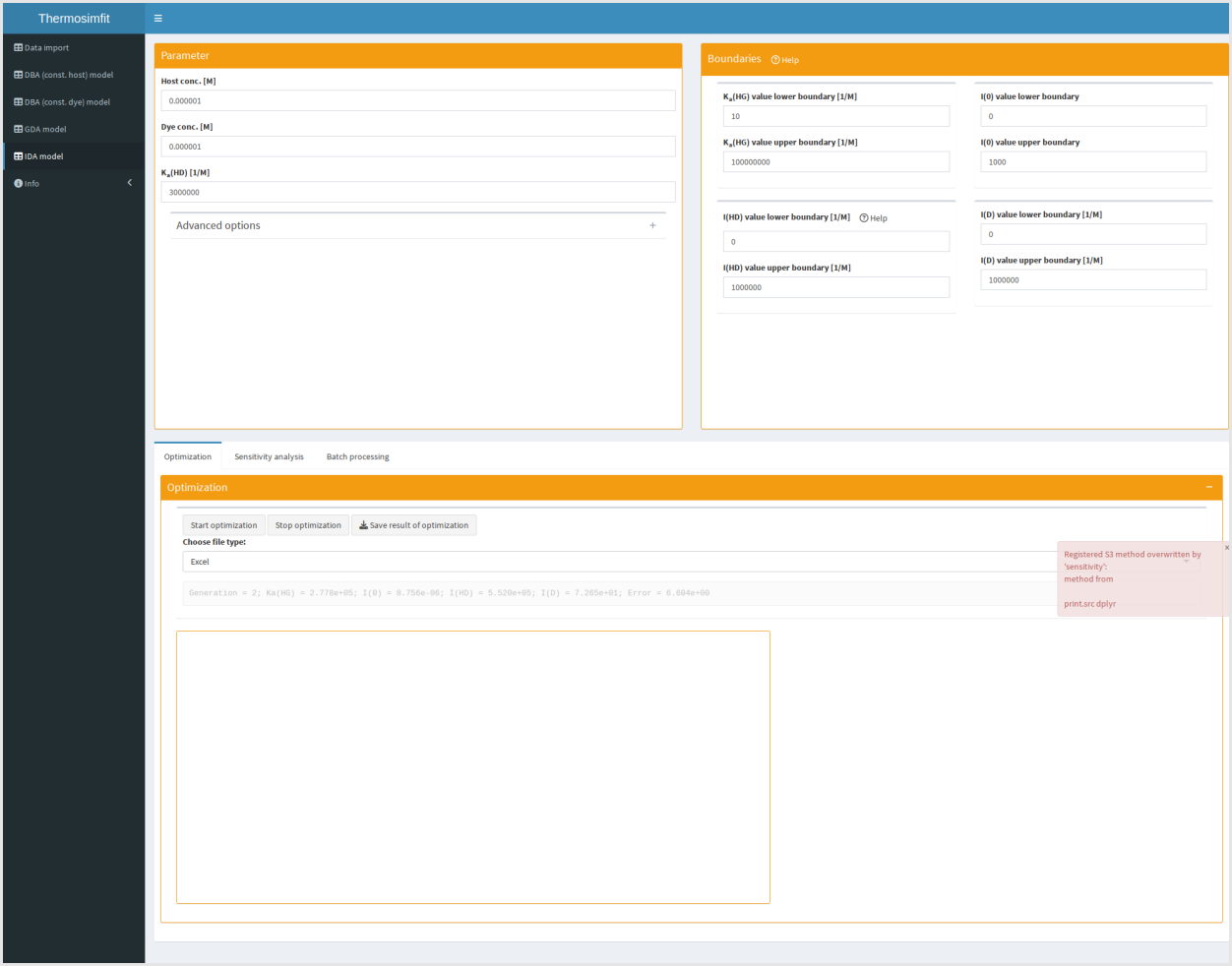
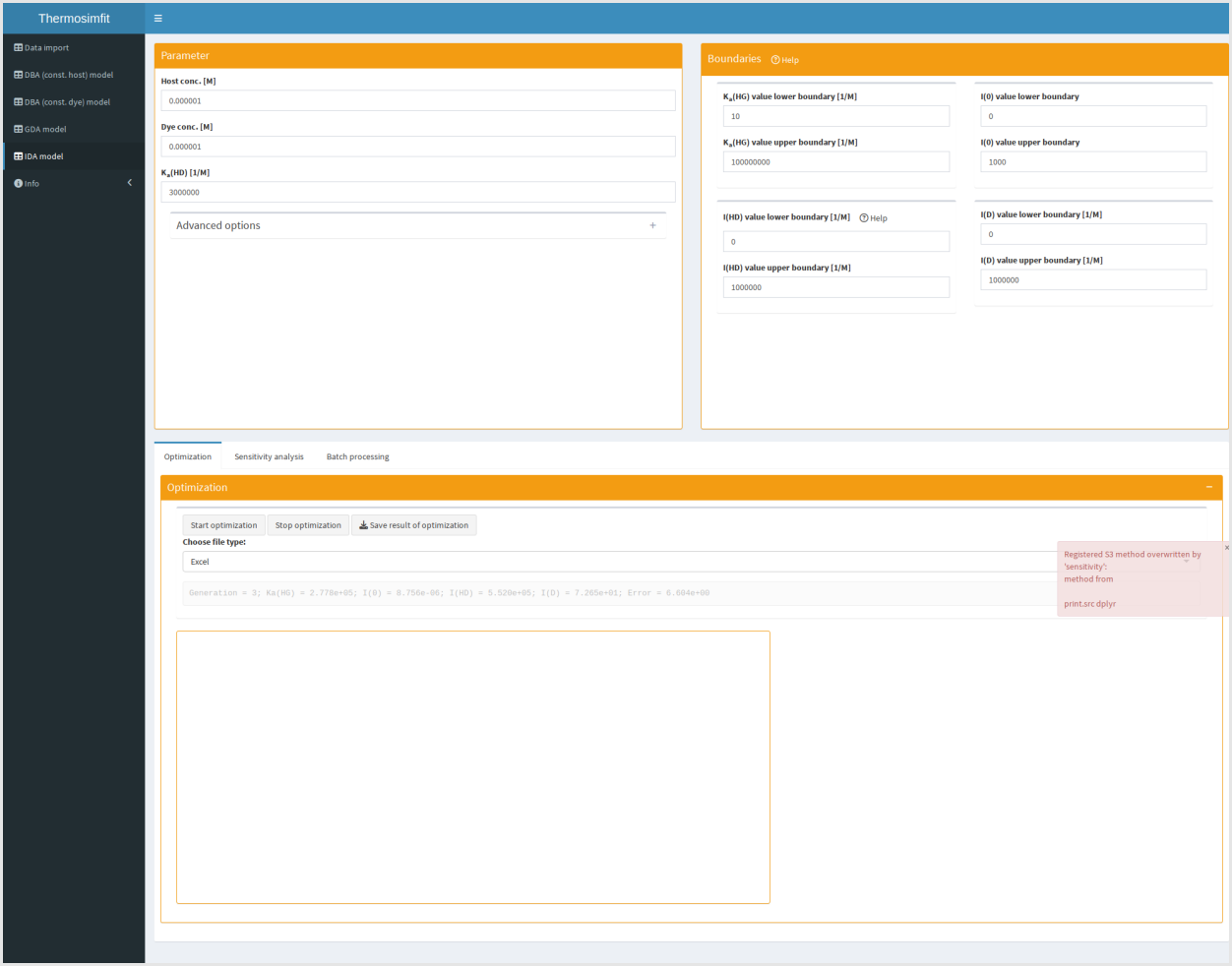
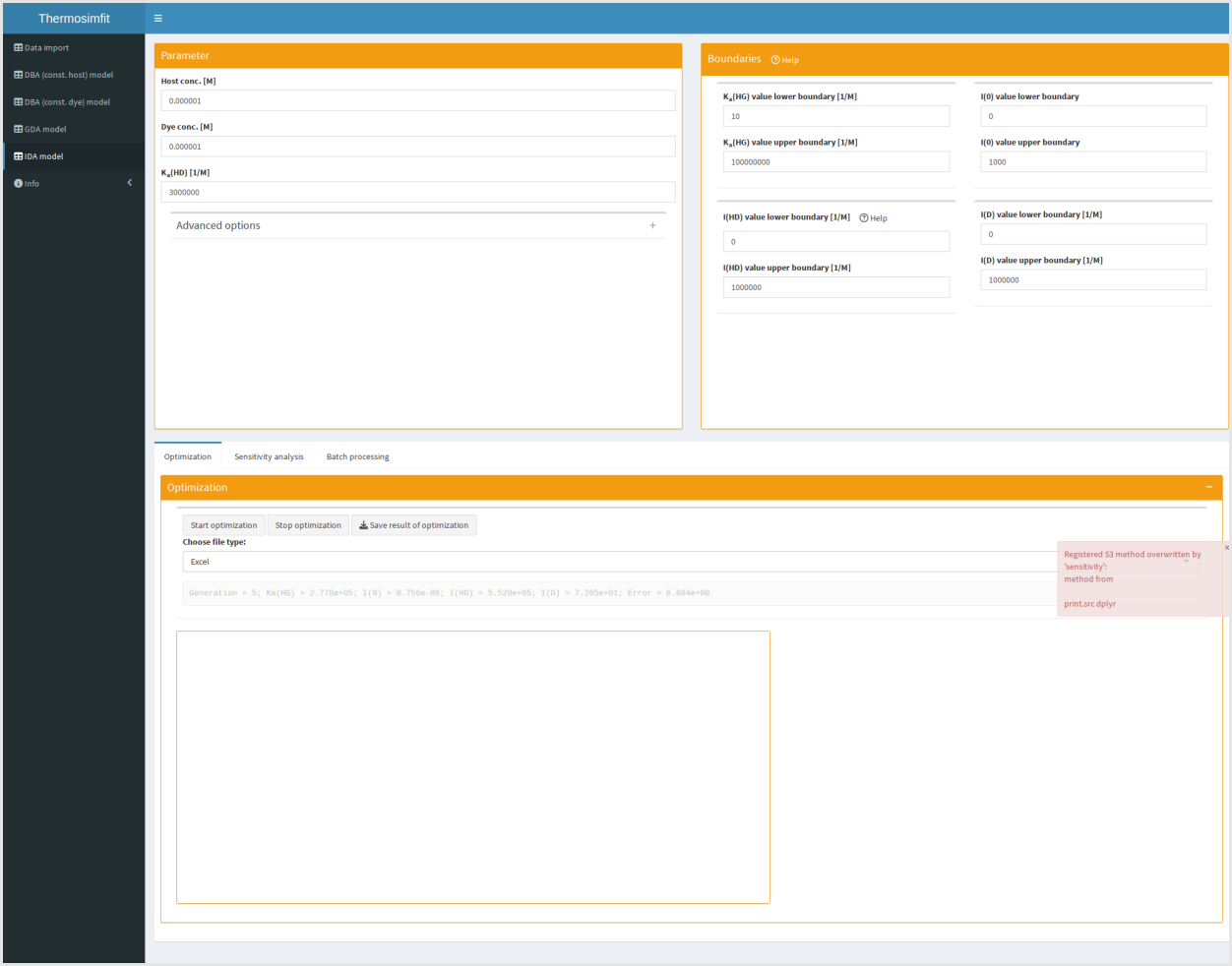
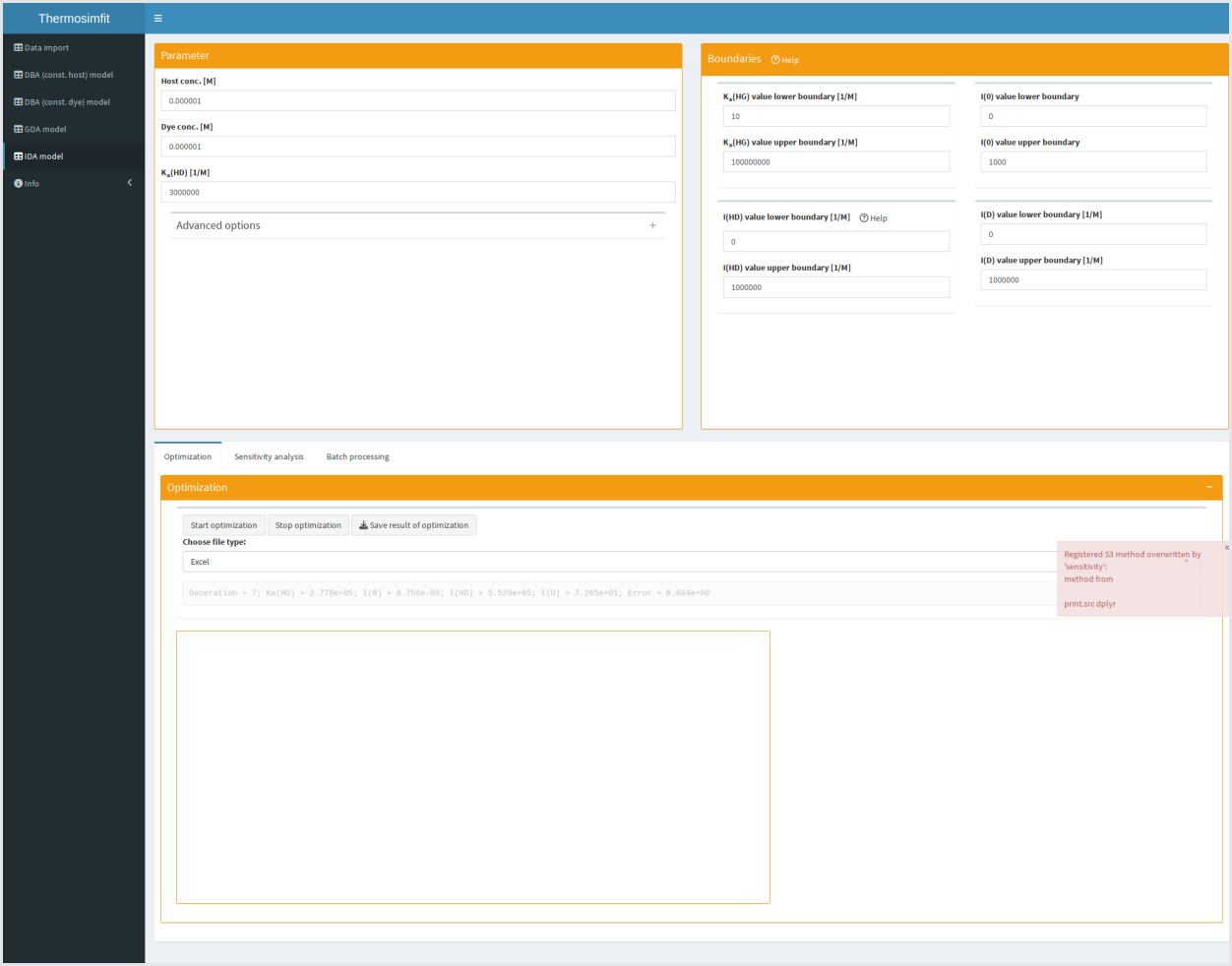

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Initializing...

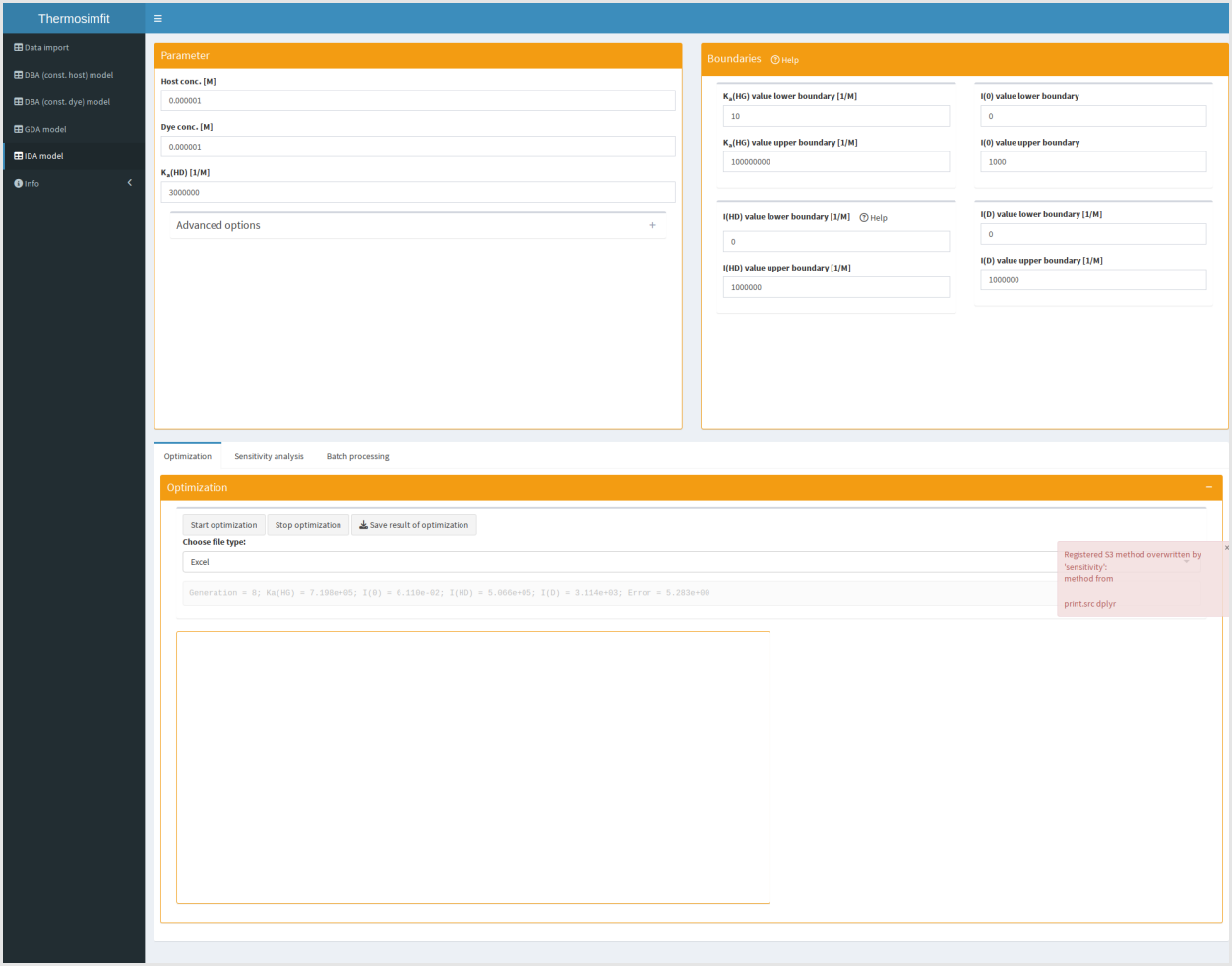

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Initializing...
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

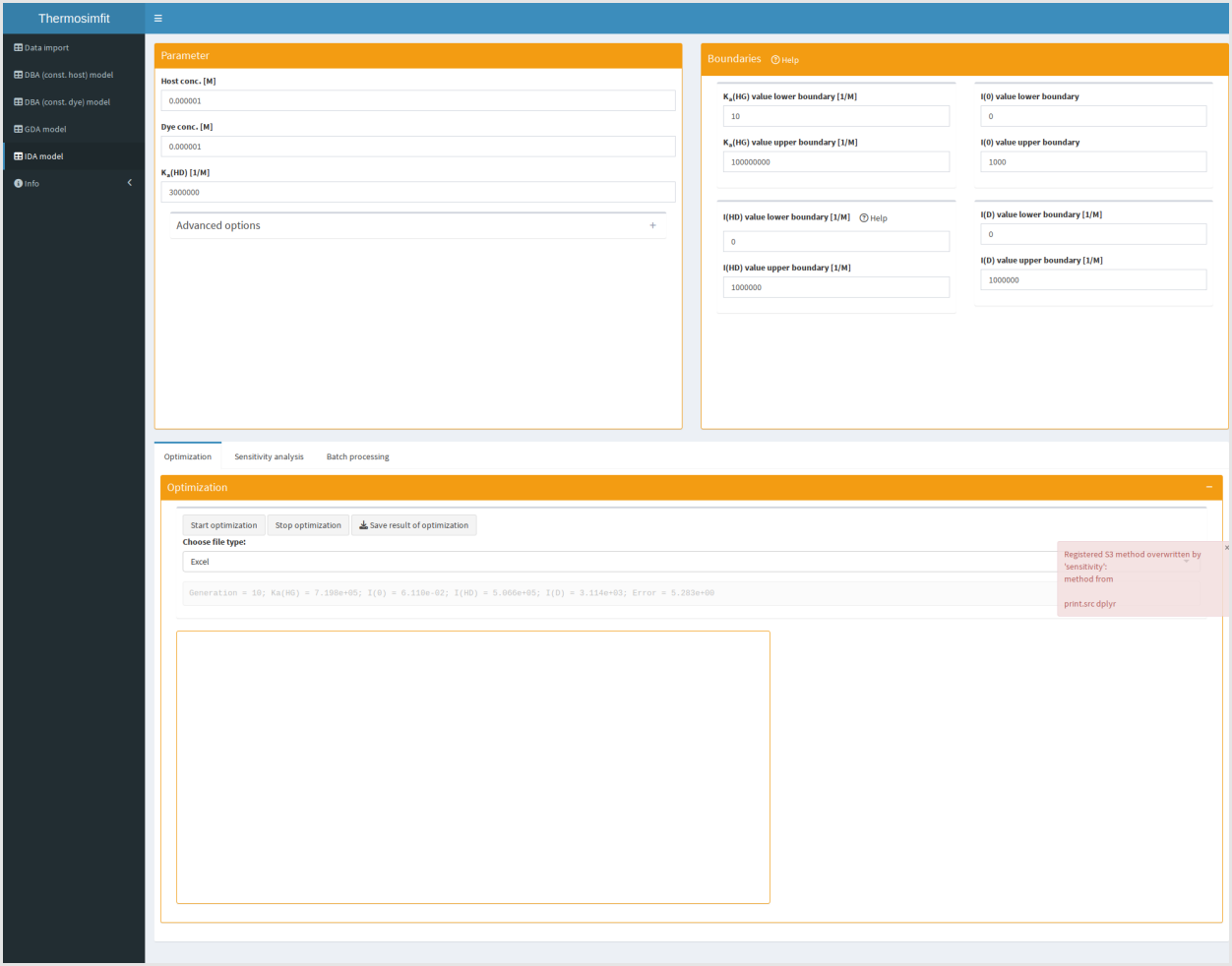

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 2; Ka(HG) = 2.778e+05; I(0) = 8.756e-06; I(HD) = 5.520e+05; I(D) = 7.265e+01; Error = 6.604e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

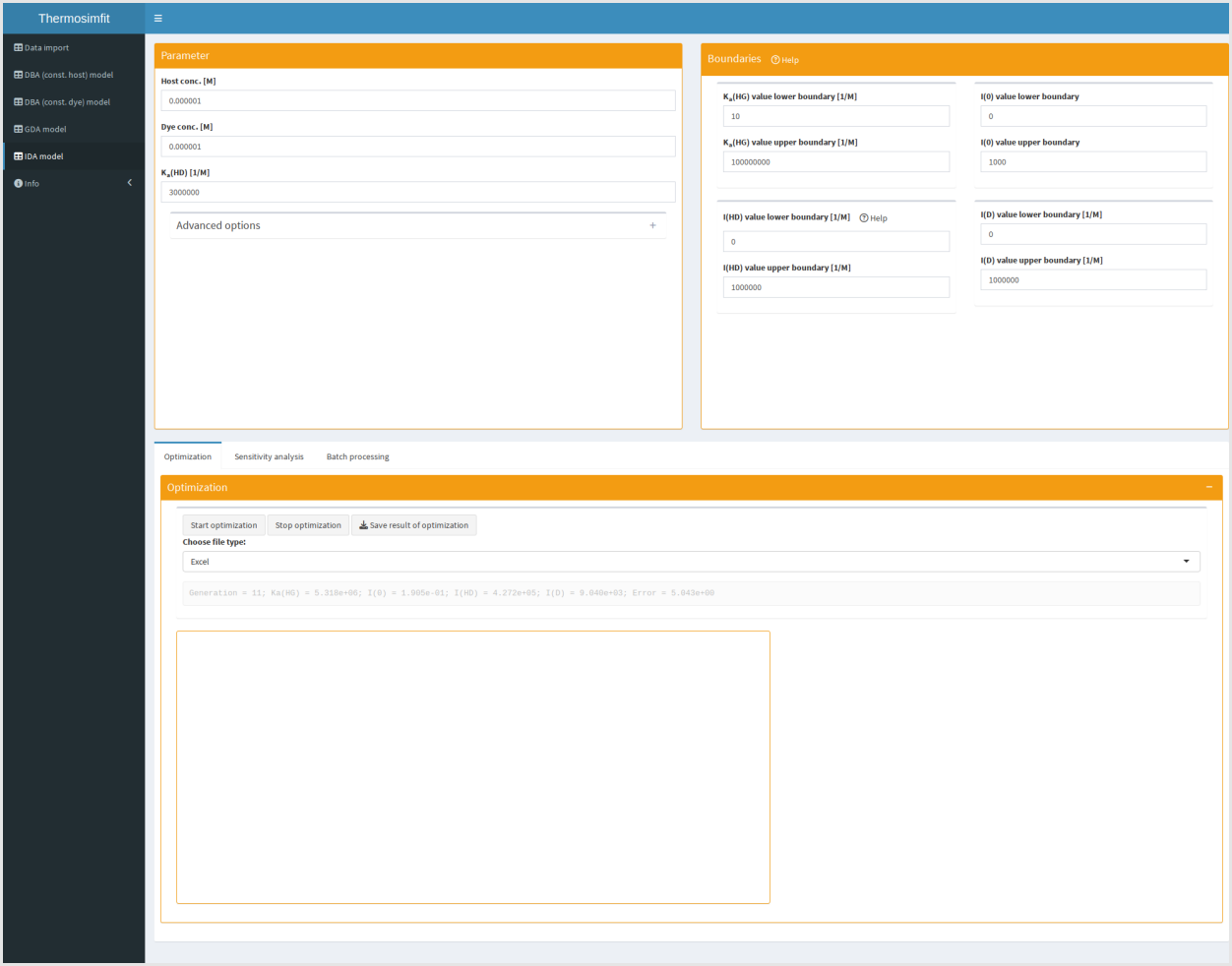

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 3; Ka(HG) = 2.778e+05; I(0) = 8.756e-06; I(HD) = 5.520e+05; I(D) = 7.265e+01; Error = 6.604e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

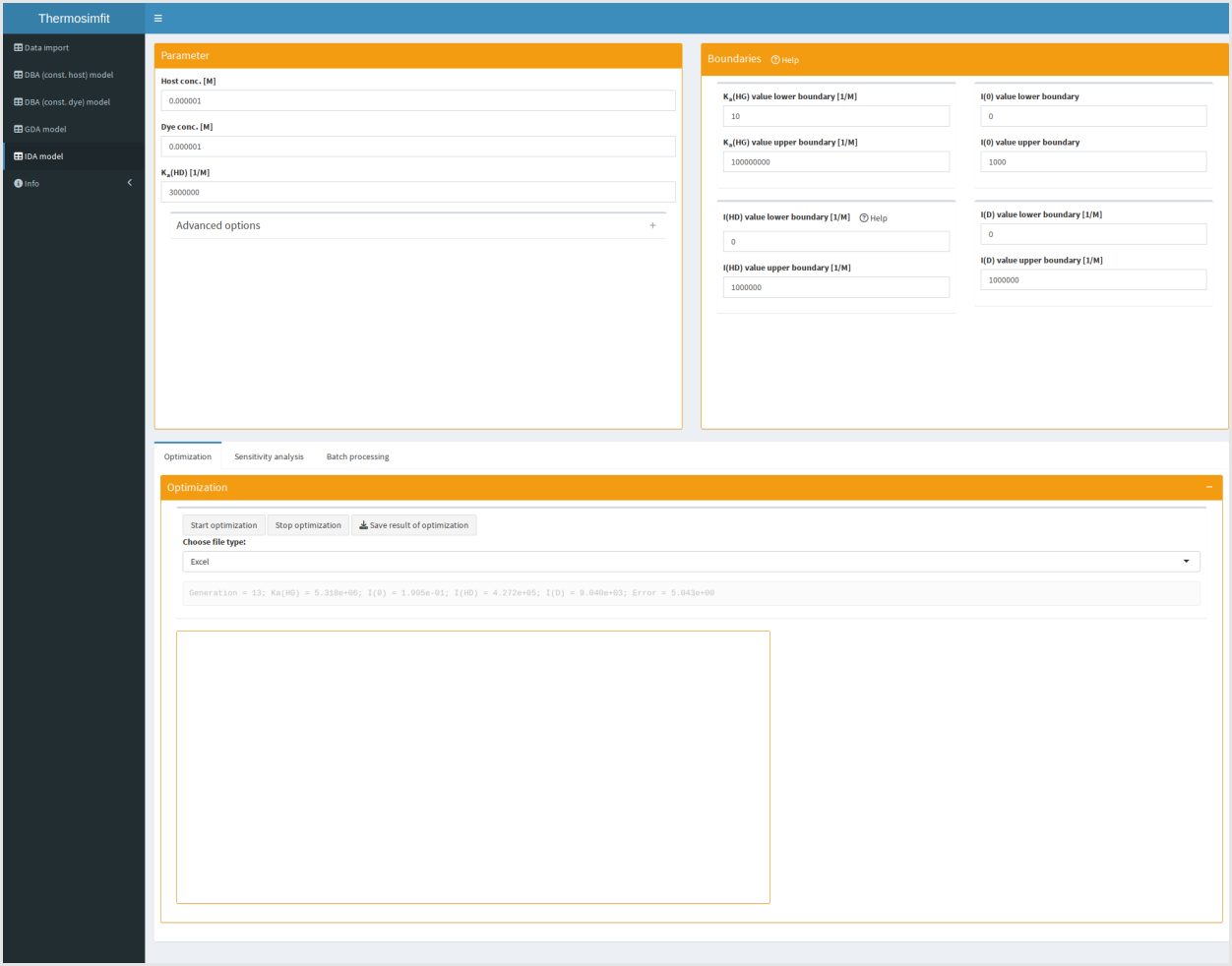

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 5; Ka(HG) = 2.778e+05; I(0) = 8.756e-06; I(HD) = 5.520e+05; I(D) = 7.265e+01; Error = 6.604e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

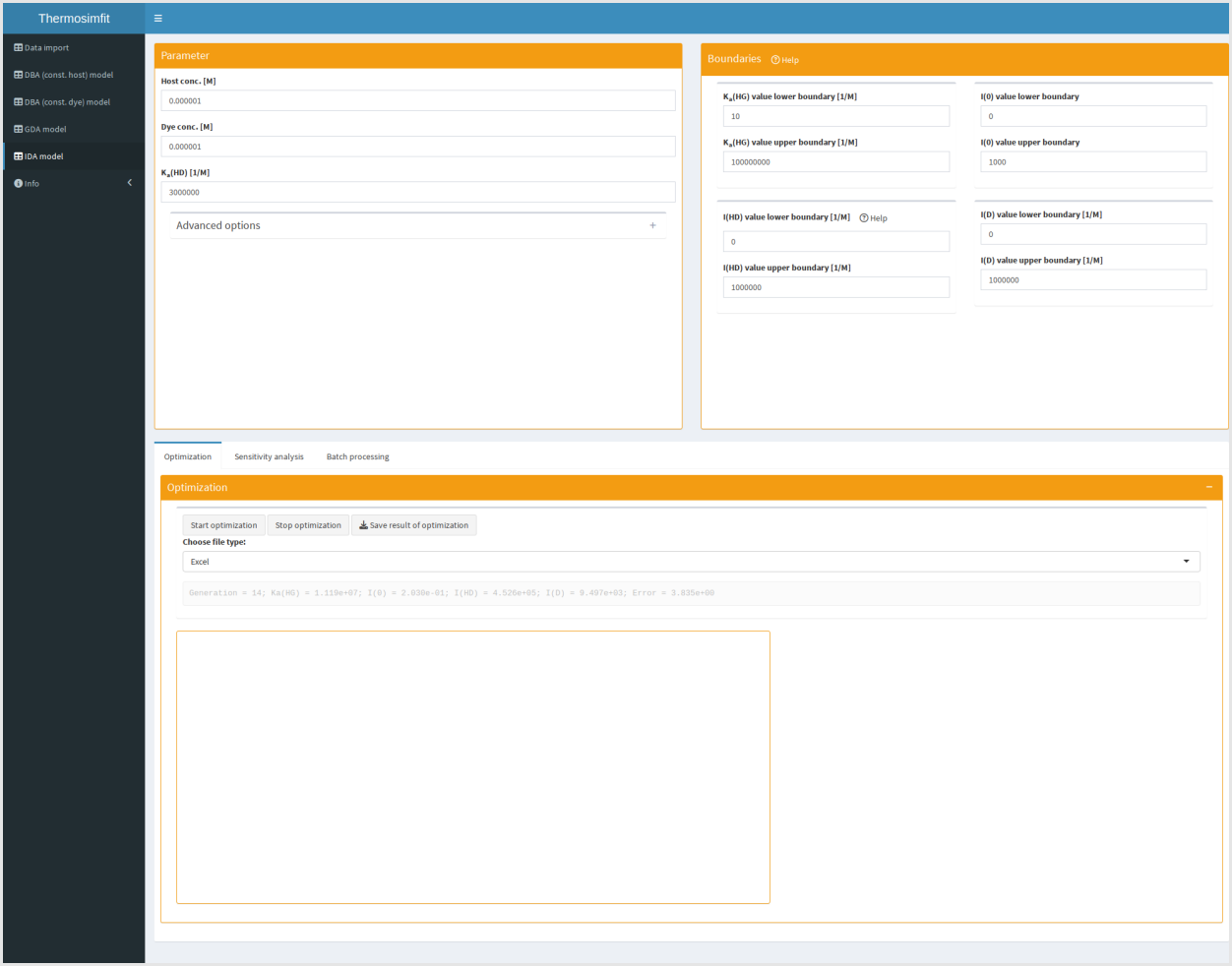

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 7; Ka(HG) = 2.778e+05; I(0) = 8.756e-06; I(HD) = 5.520e+05; I(D) = 7.265e+01; Error = 6.604e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

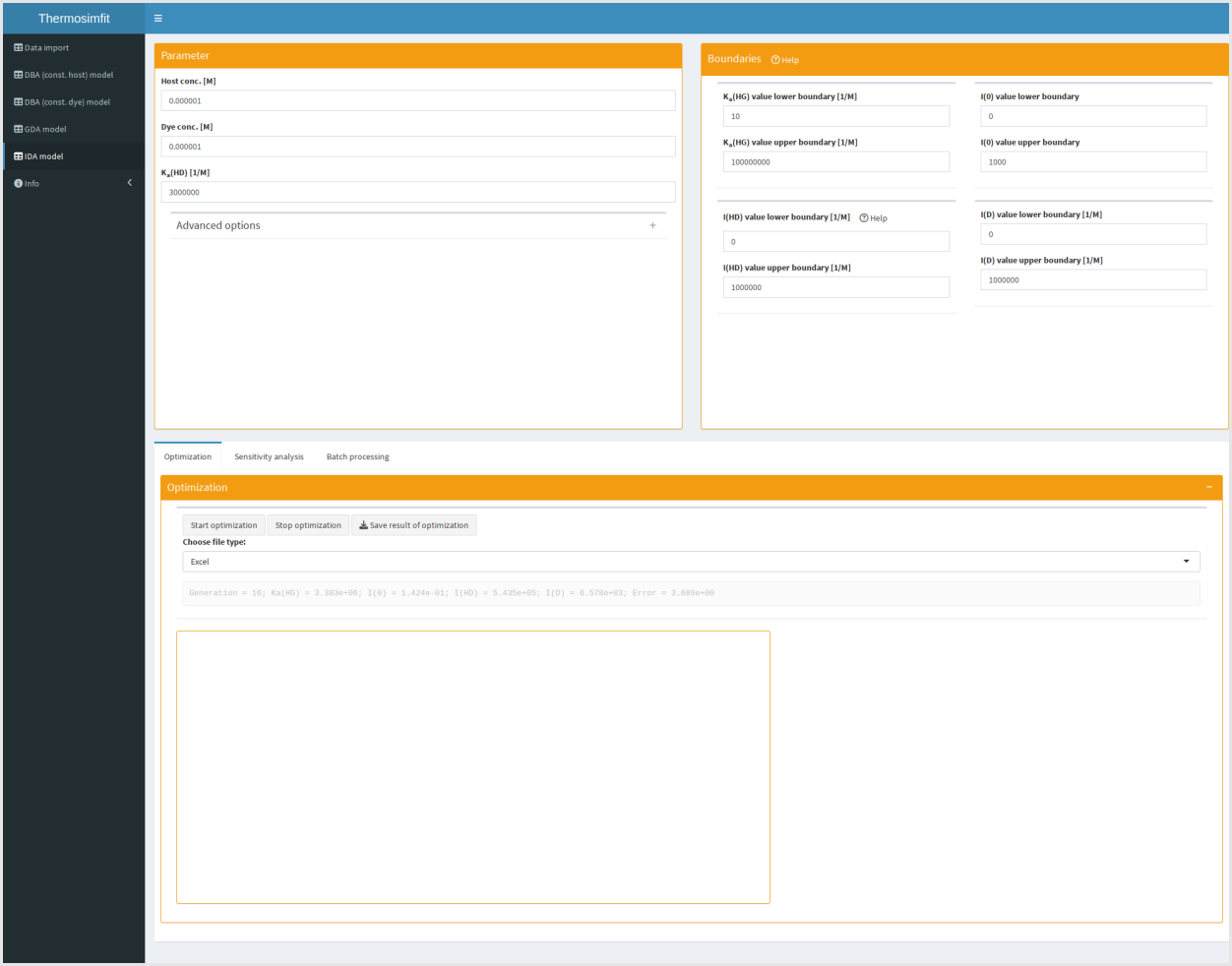

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 8; Ka(HG) = 7.198e+05; I(0) = 6.110e-02; I(HD) = 5.066e+05; I(D) = 3.114e+03; Error = 5.283e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

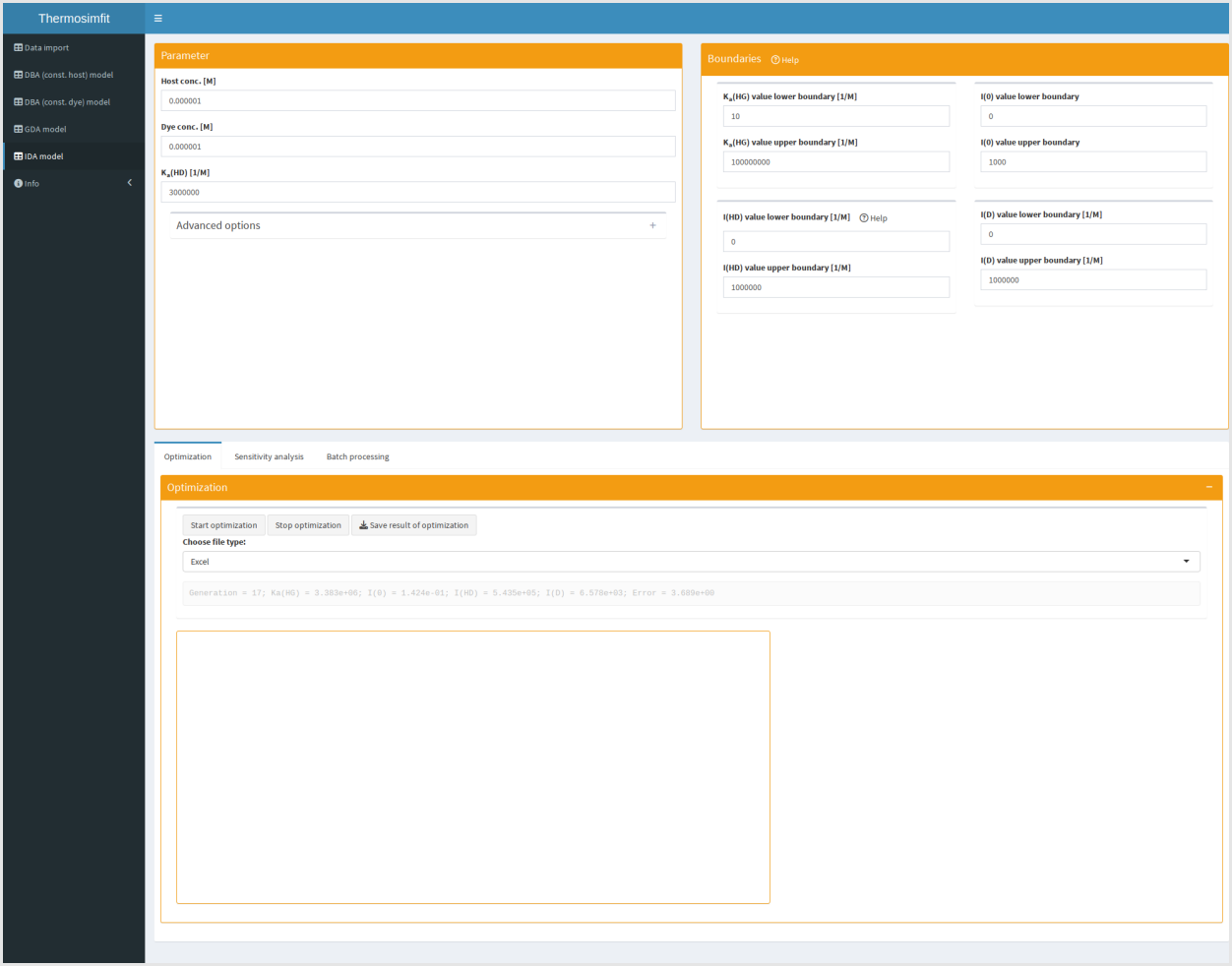

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 10; Ka(HG) = 7.198e+05; I(0) = 6.110e-02; I(HD) = 5.066e+05; I(D) = 3.114e+03; Error = 5.283e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

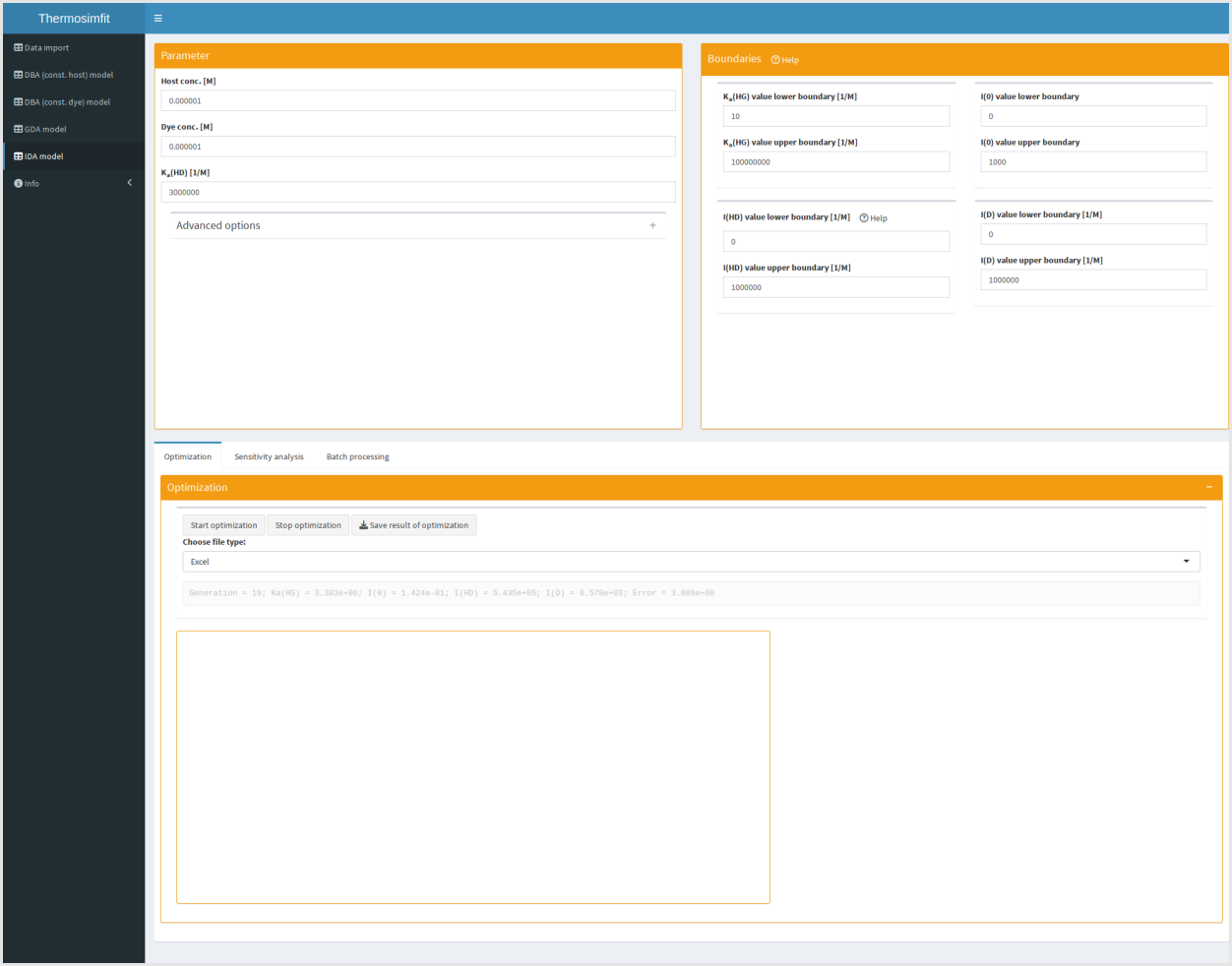

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 11; Ka(HG) = 5.318e+06; I(0) = 1.905e-01; I(HD) = 4.272e+05; I(D) = 9.040e+03; Error = 5.043e+00

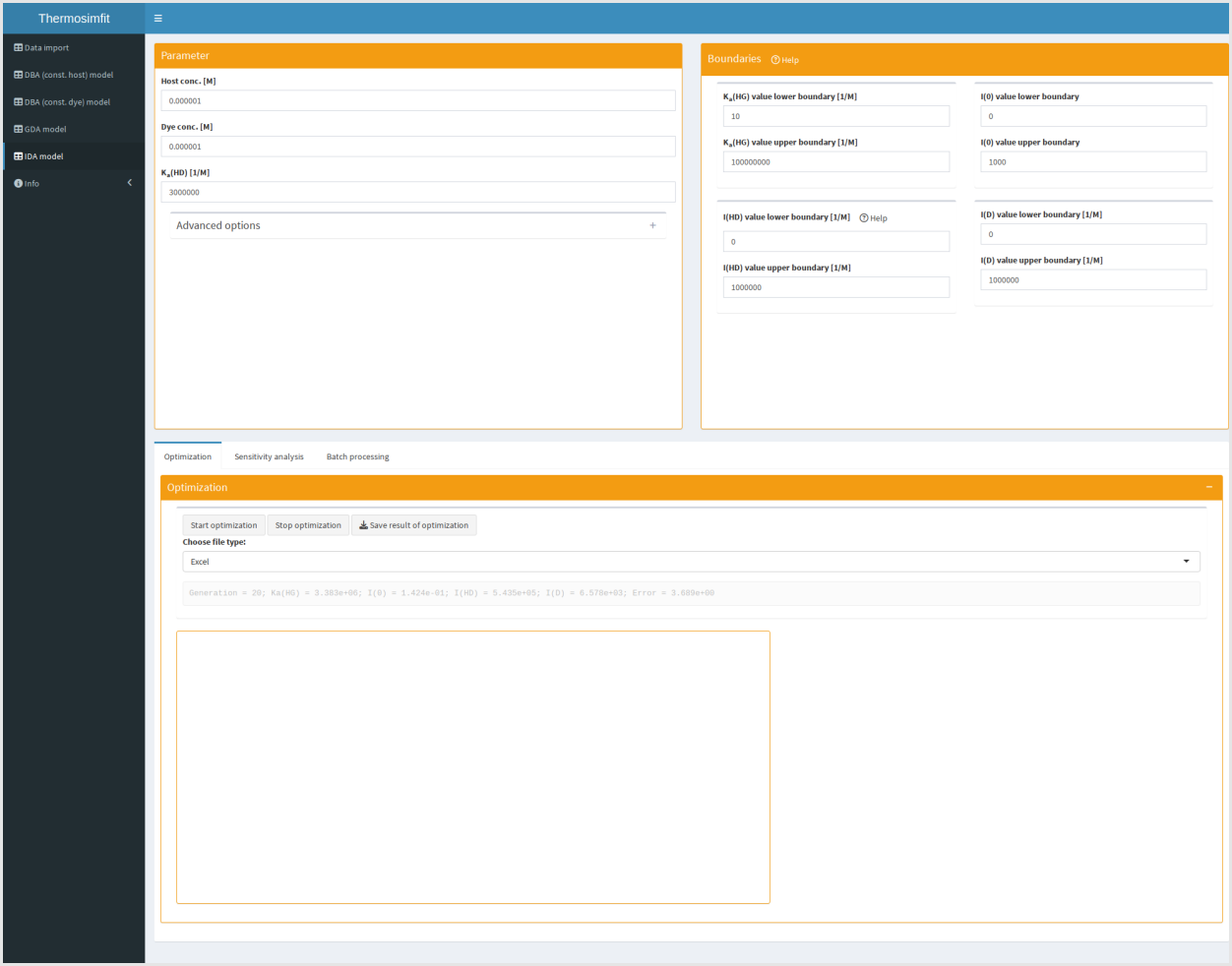

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 13; Ka(HG) = 5.318e+06; I(0) = 1.905e-01; I(HD) = 4.272e+05; I(D) = 9.040e+03; Error = 5.043e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 14; Ka(HG) = 1.119e+07; I(0) = 2.030e-01; I(HD) = 4.526e+05; I(D) = 9.497e+03; Error = 3.835e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 16; Ka(HG) = 3.383e+06; I(0) = 1.424e-01; I(HD) = 5.435e+05; I(D) = 6.578e+03; Error = 3.689e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 17; Ka(HG) = 3.383e+06; I(0) = 1.424e-01; I(HD) = 5.435e+05; I(D) = 6.578e+03; Error = 3.689e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 19; Ka(HG) = 3.383e+06; I(0) = 1.424e-01; I(HD) = 5.435e+05; I(D) = 6.578e+03; Error = 3.689e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Host conc. [M]
0.000001
Dye conc. [M]
0.000001
K_a(HD) [1/M]
3000000
Advanced options
Boundaries
Help
K_a(HG) value lower boundary [1/M]
10
K_a(HG) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
1000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
1000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 20; Ka(HG) = 3.383e+06; I(0) = 1.424e-01; I(HD) = 5.435e+05; I(D) = 6.578e+03; Error = 3.689e+00

Thermosimfit

- Data import
- DBA (const. host) model
- DBA (const. dye) model
- GDA model
- IDA model
- Info

Parameter

Host conc. [M]

0.000001

Dye conc. [M]

0.000001

K_a(HD) [1/M]

3000000

Advanced options +

Boundaries Help

K_a(HG) value lower boundary [1/M]

10

K_a(HG) value upper boundary [1/M]

100000000

I(0) value lower boundary

0

I(0) value upper boundary

1000

I(HD) value lower boundary [1/M] Help

0

I(HD) value upper boundary [1/M]

1000000

I(D) value lower boundary [1/M]

0

I(D) value upper boundary [1/M]

1000000

Optimization | Sensitivity analysis | Batch processing

Optimization

Start optimization | Stop optimization | Save result of optimization

Choose file type:

Excel

Show 10 entries Search:

	K_a(HG) [M]	I(0)	I(HD) [1/M]	I(D) [1/M]
1	3.38e+6	0.142	5.43e+5	6.58e+3

Showing 1 to 1 of 1 entries Previous 1 Next

Show 10 entries Search:

Error Metrics: Comparison of in silico signal and measured signal

	MeanSquareError	RootMeanSquareError	MeanAbsoluteError	R^2	R^2 adjusted
1	0.00349967	0.0591580	0.0316751	0.938013	0.936748

Showing 1 to 1 of 1 entries Previous 1 Next