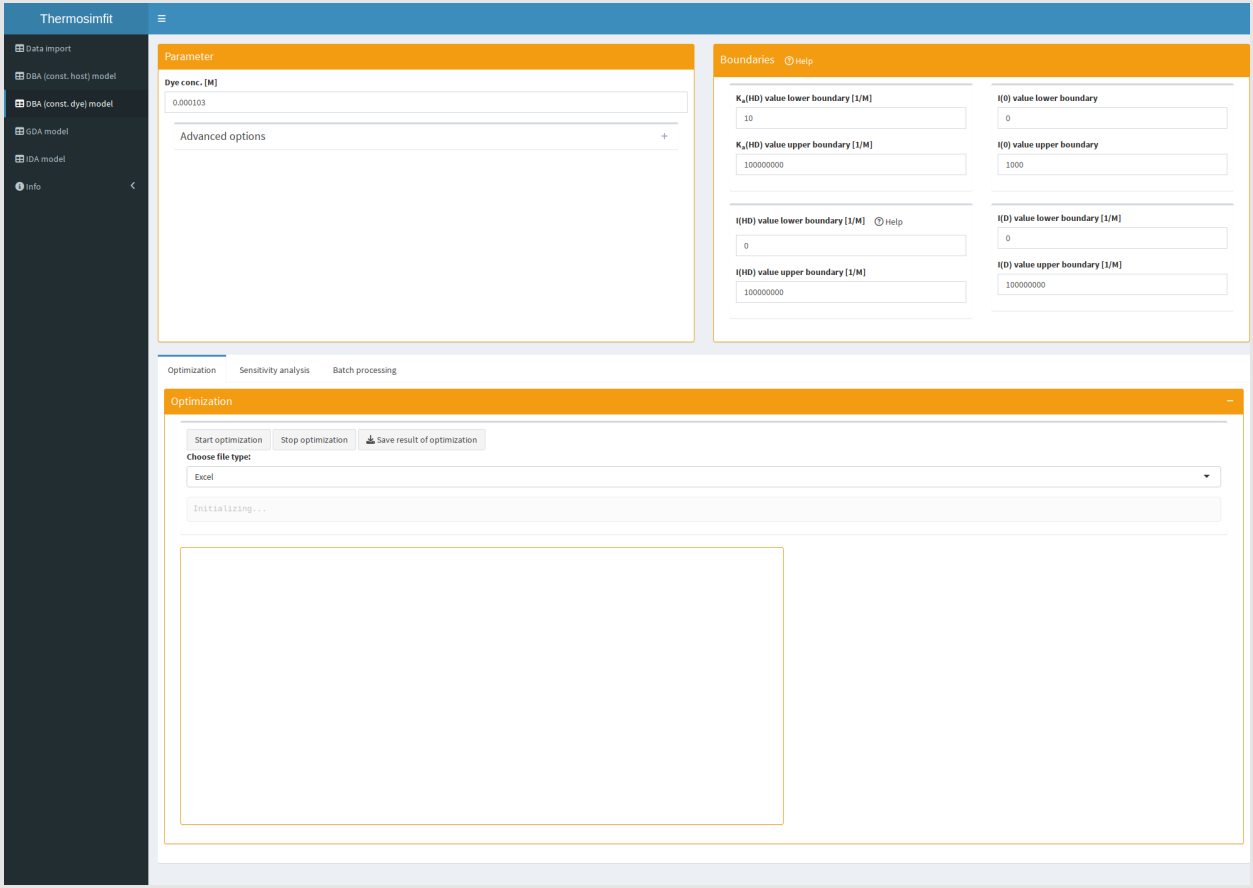
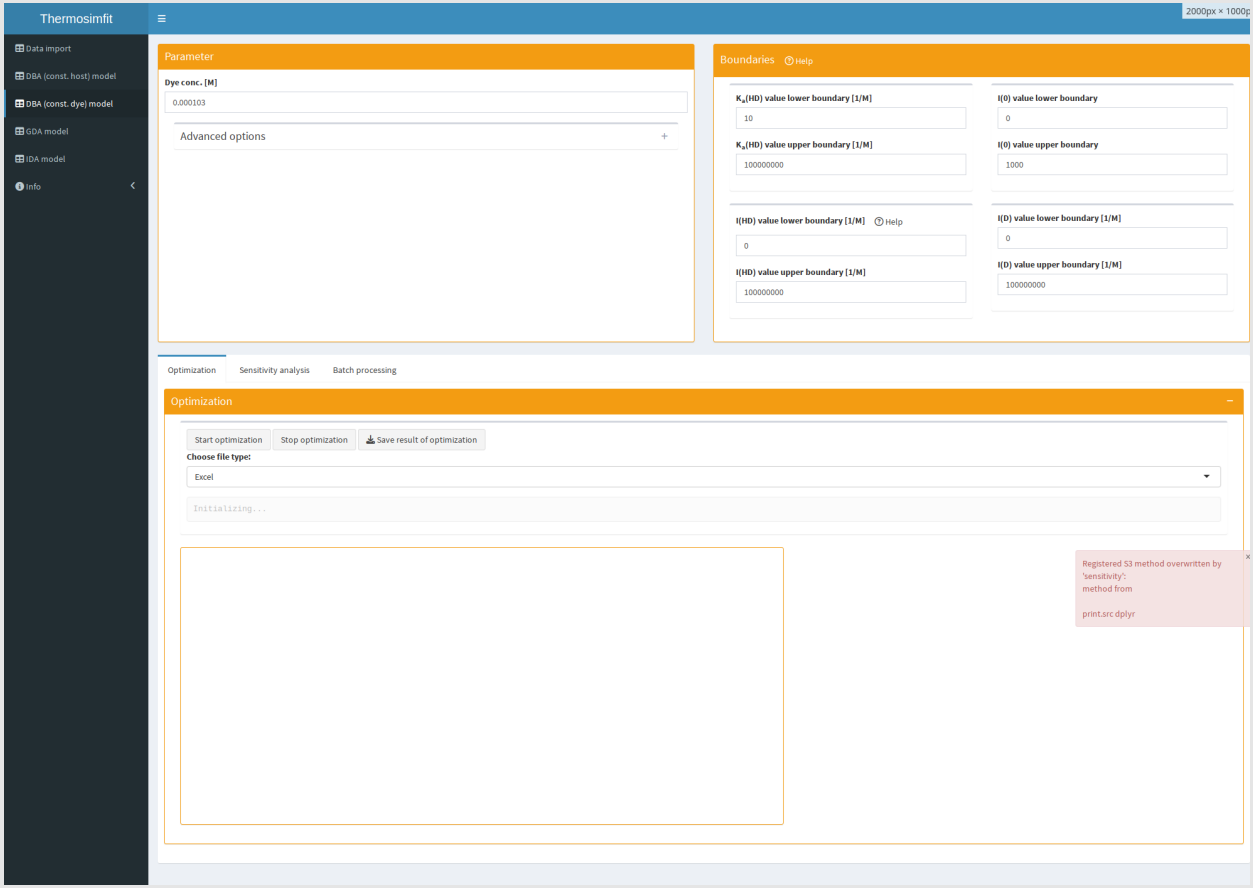
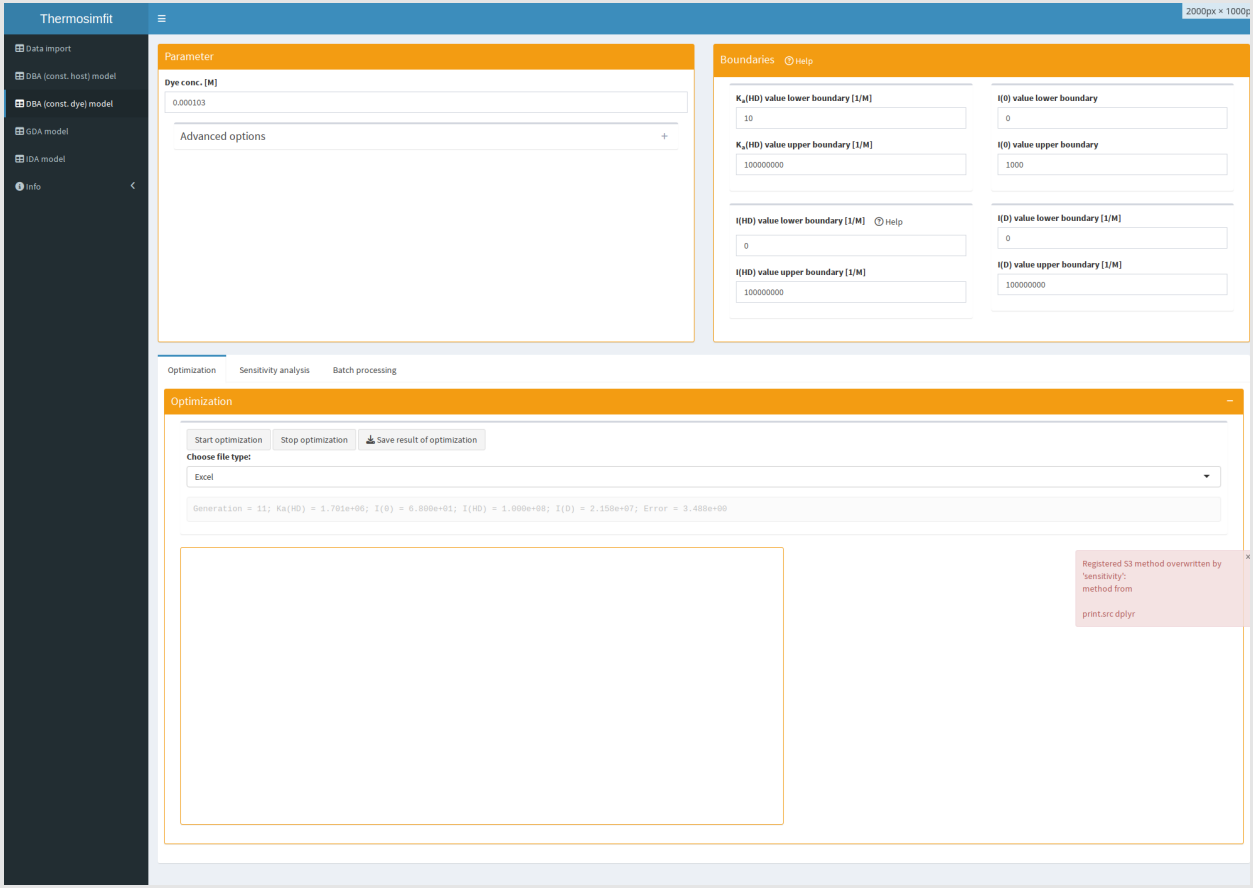
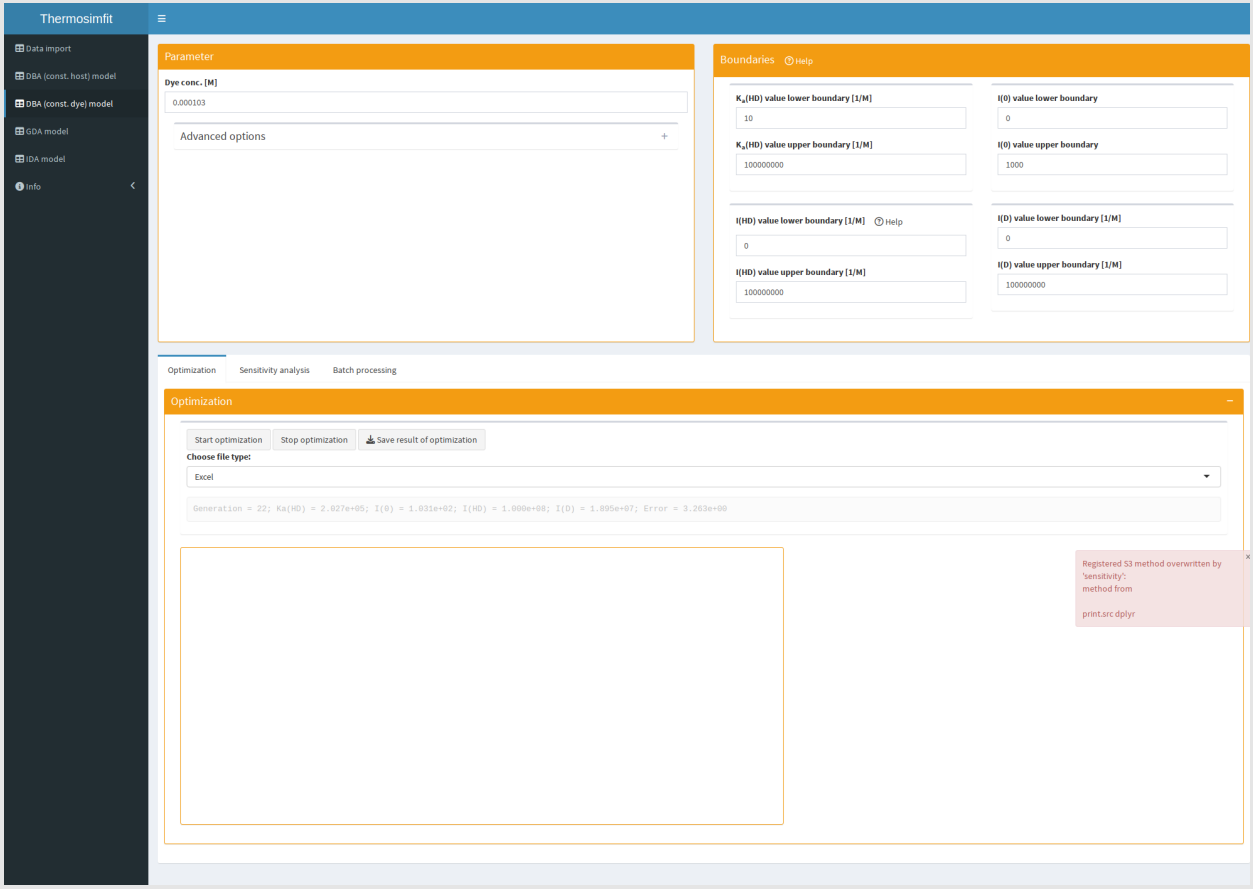
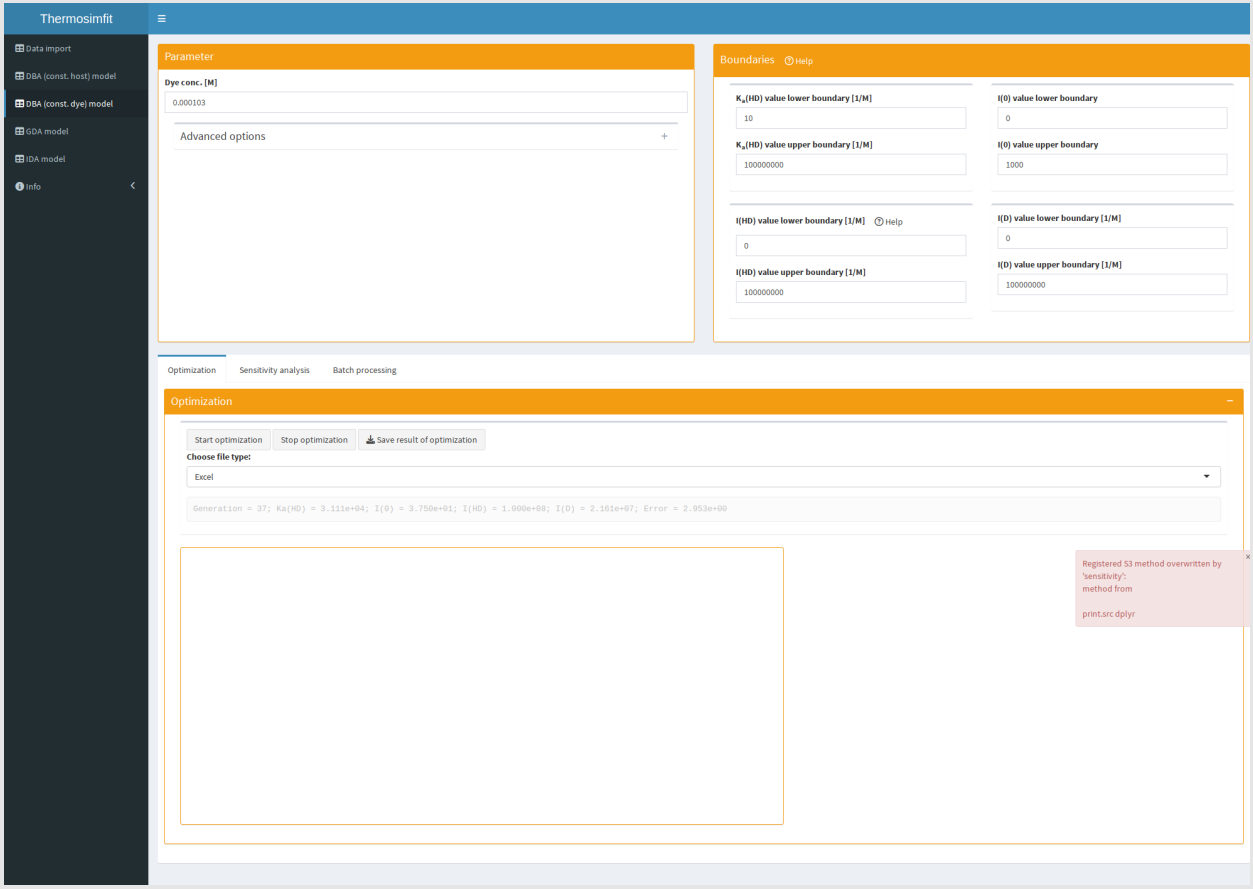
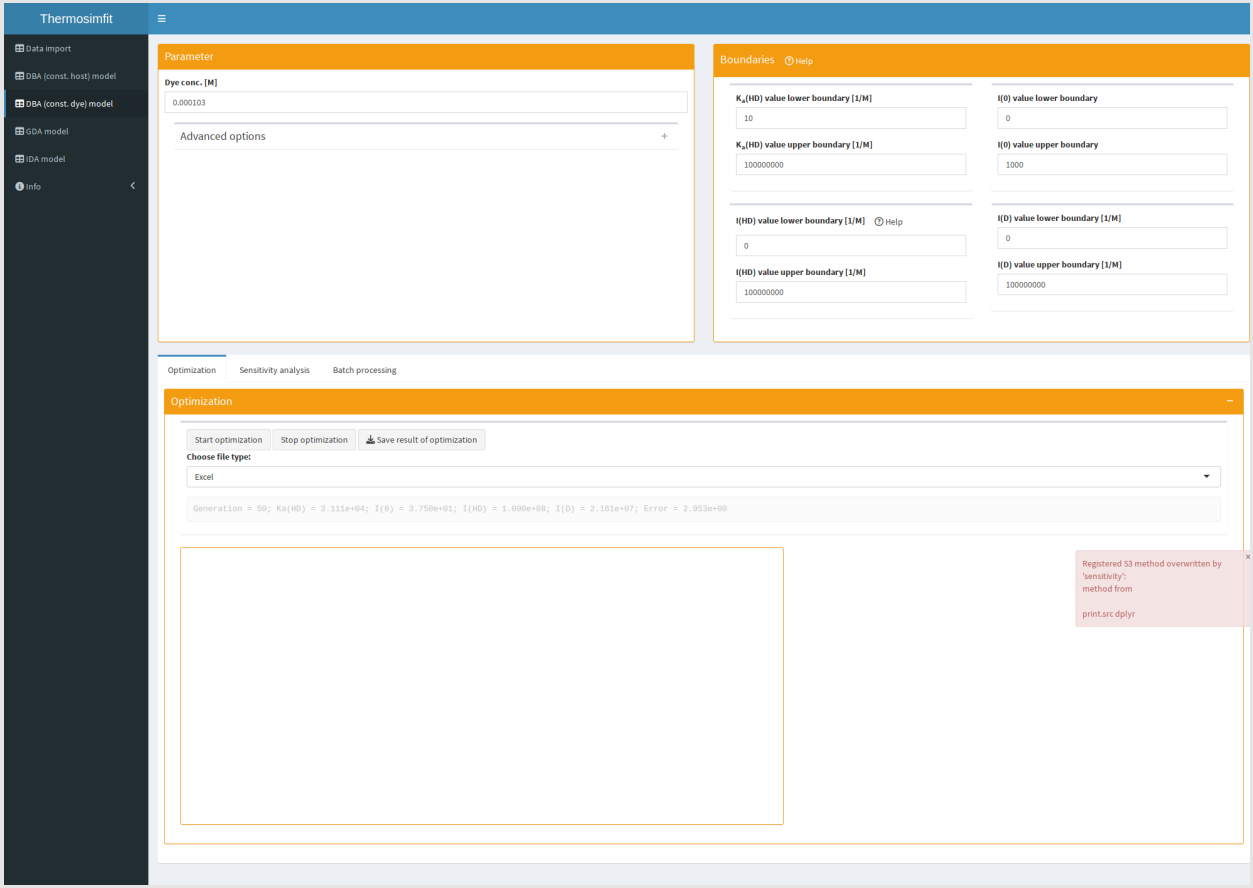

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Initializing...

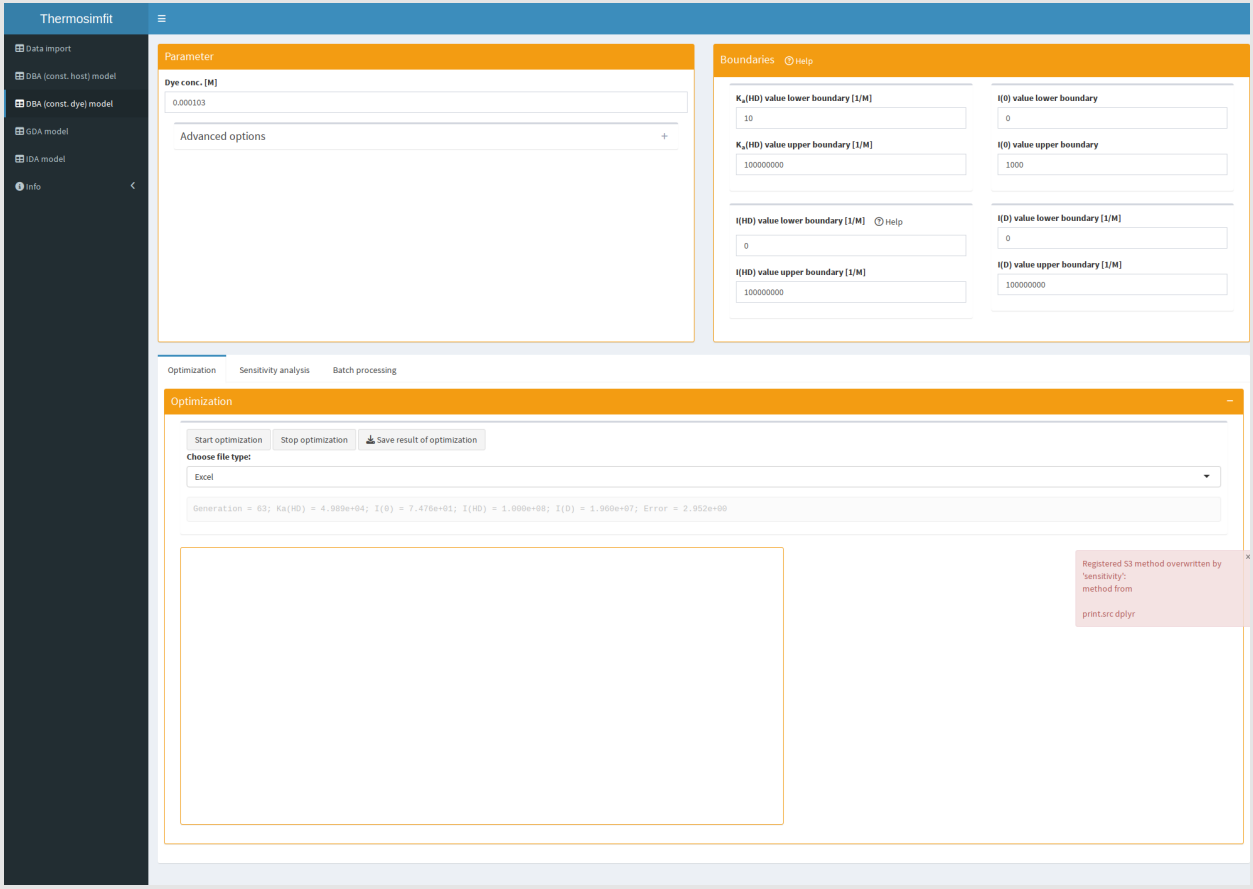

Thermosimfit
2000px × 1000p
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
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

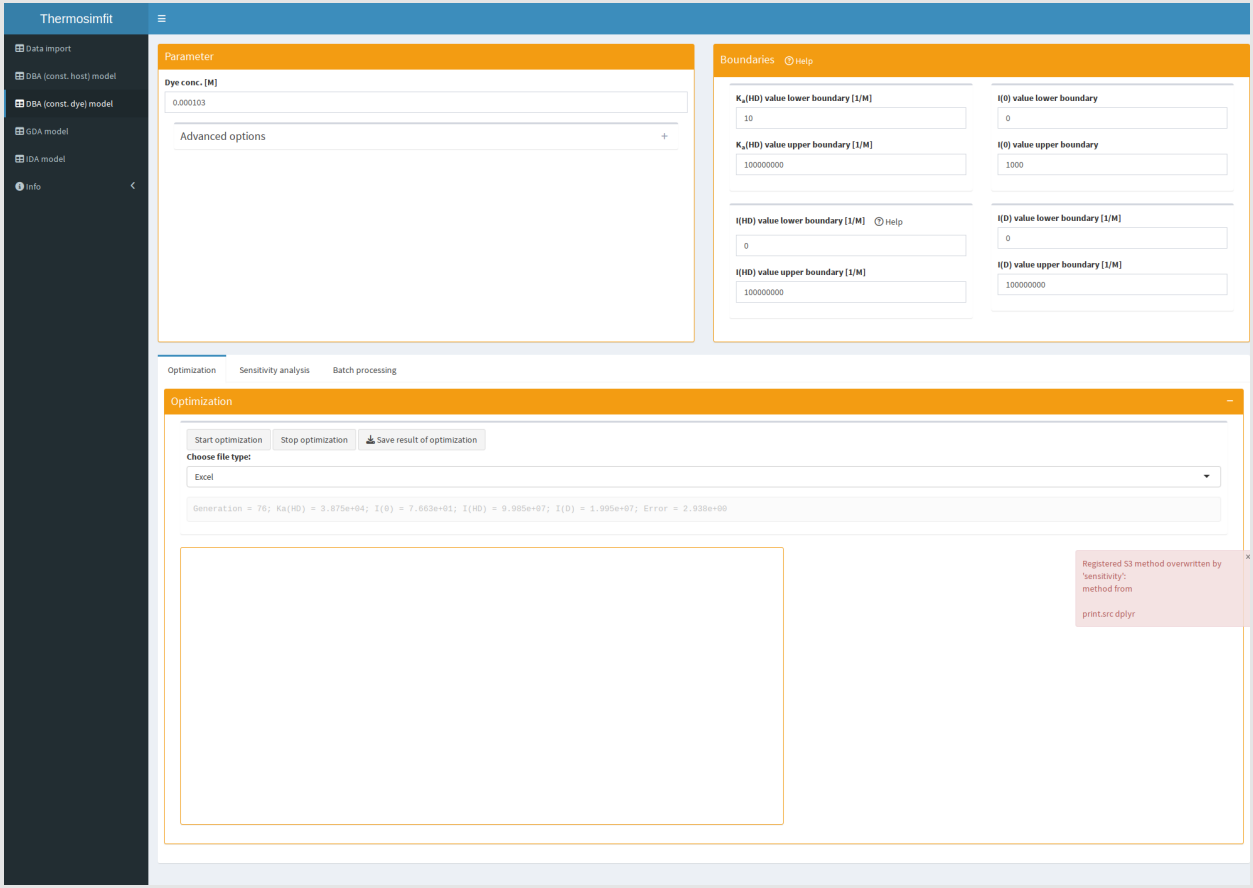

Thermosimfit
2000px × 1000p
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 11; Ka(HD) = 1.701e+06; I(0) = 6.800e+01; I(HD) = 1.000e+08; I(D) = 2.158e+07; Error = 3.488e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

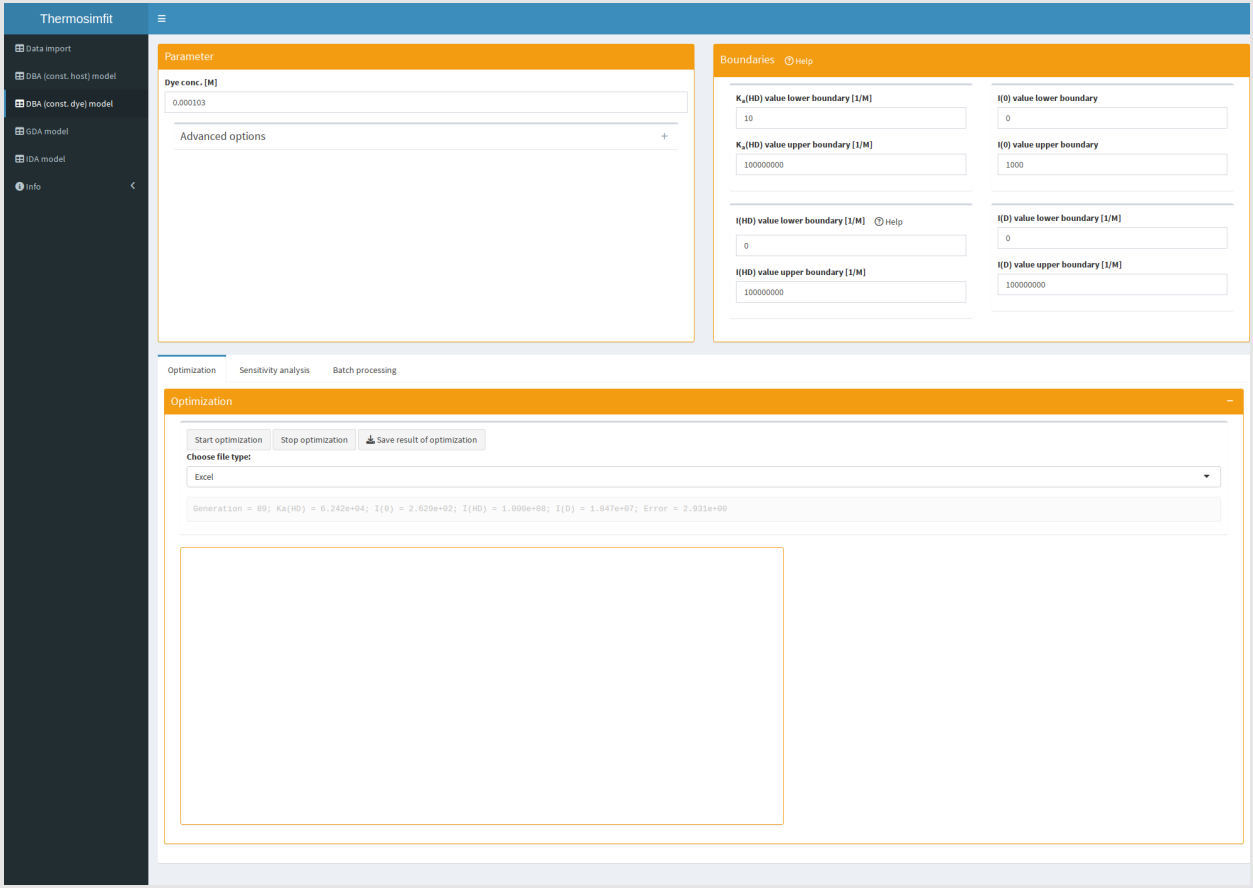

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 22; Ka(HD) = 2.027e+05; I(0) = 1.031e+02; I(HD) = 1.000e+08; I(D) = 1.895e+07; Error = 3.263e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

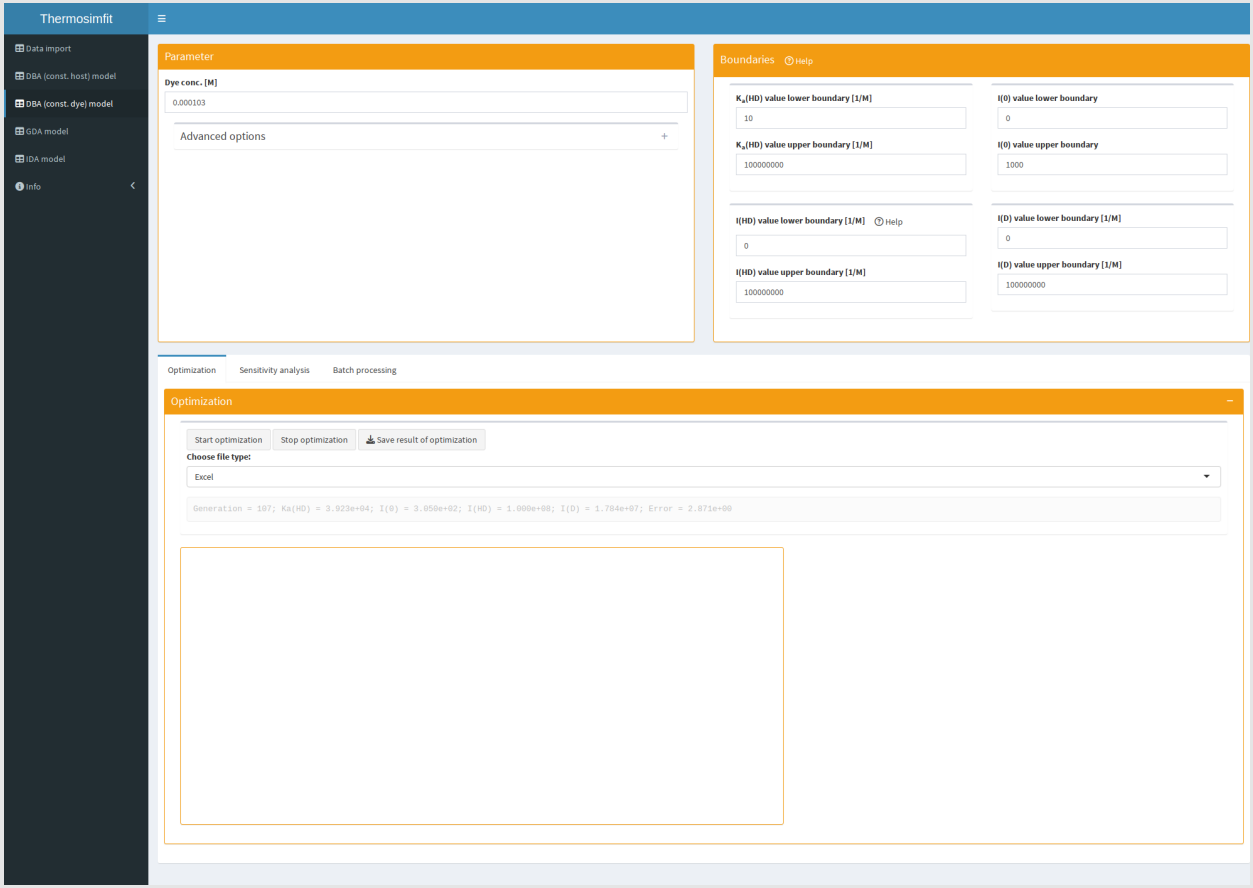

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 37; Ka(HD) = 3.111e+04; I(0) = 3.750e+01; I(HD) = 1.000e+08; I(D) = 2.161e+07; Error = 2.953e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

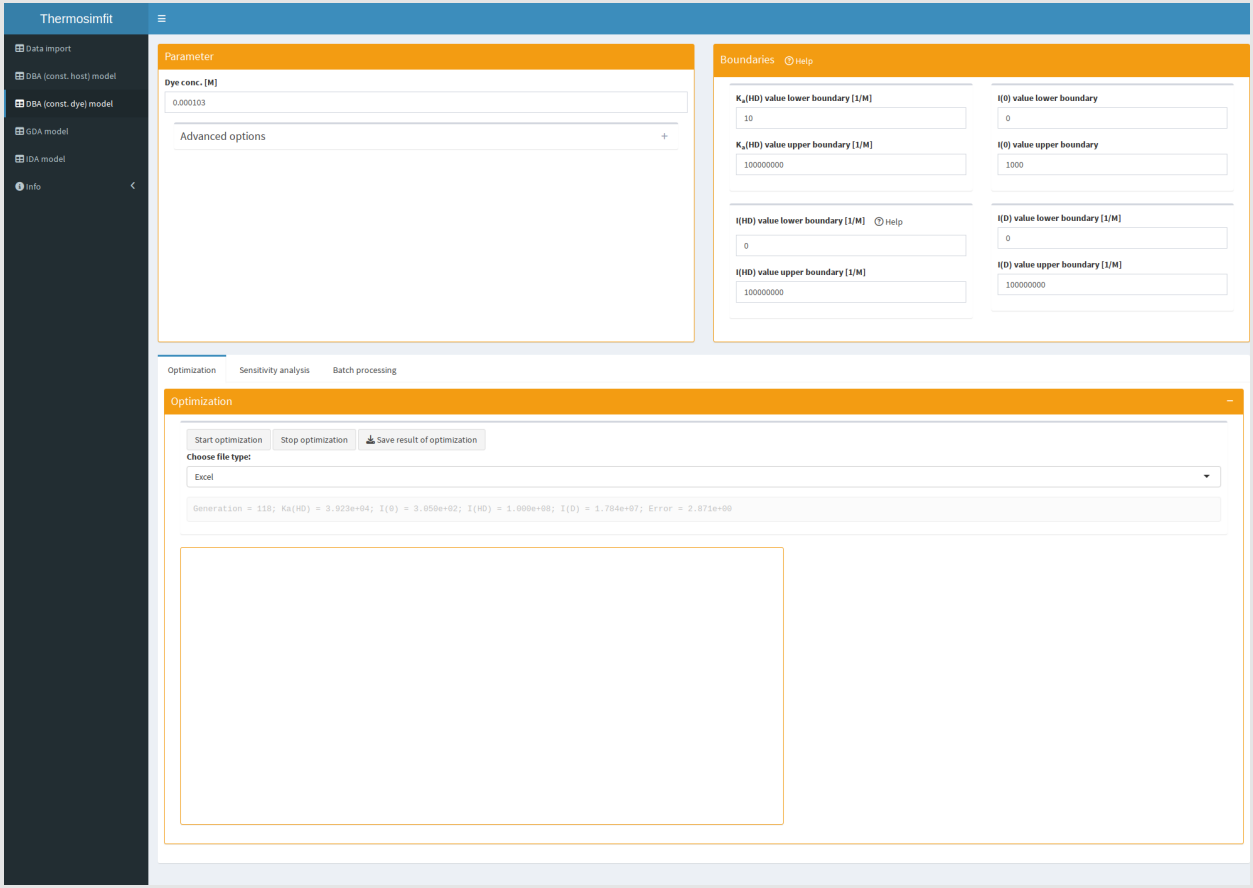

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 50; Ka(HD) = 3.111e+04; I(0) = 3.750e+01; I(HD) = 1.000e+08; I(D) = 2.161e+07; Error = 2.953e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

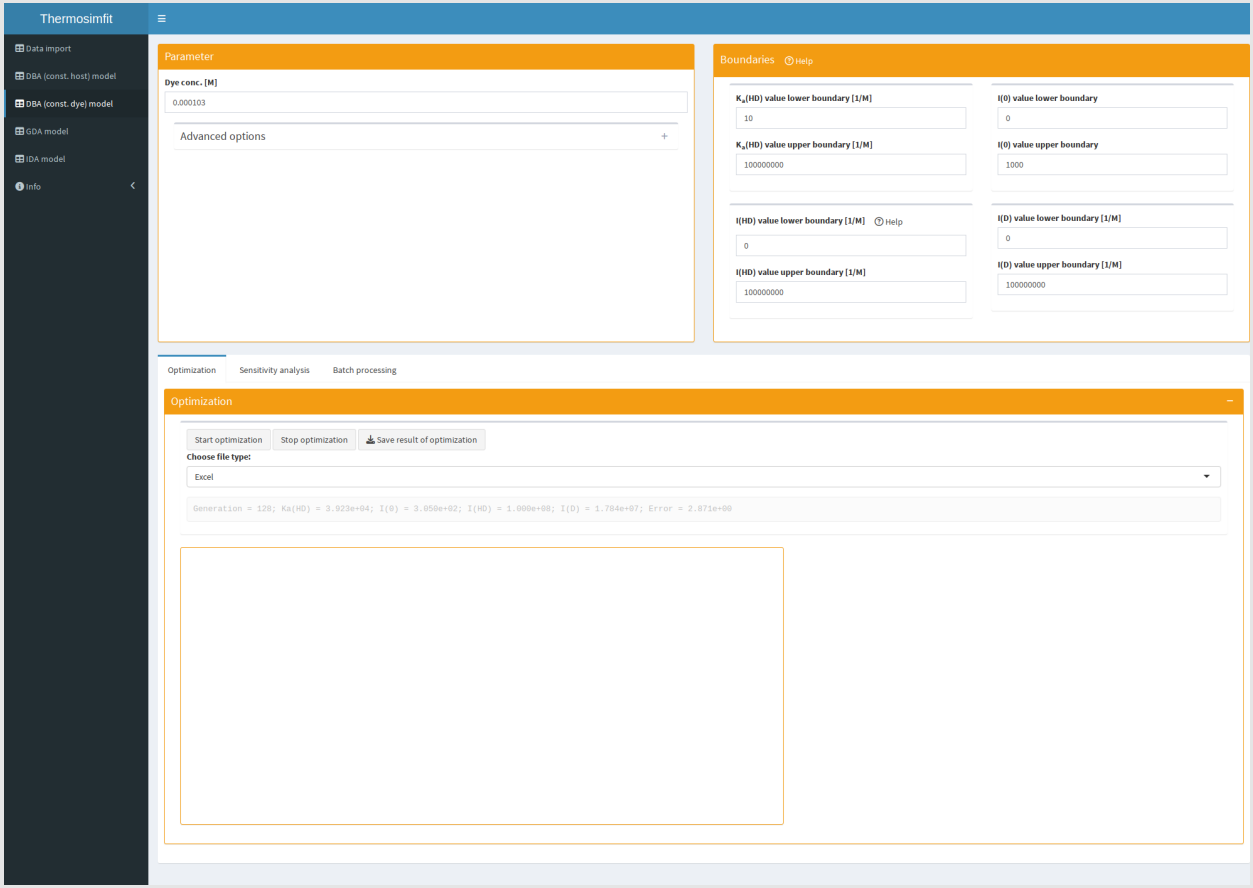

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 63; Ka(HD) = 4.989e+04; I(0) = 7.476e+01; I(HD) = 1.000e+08; I(D) = 1.960e+07; Error = 2.952e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

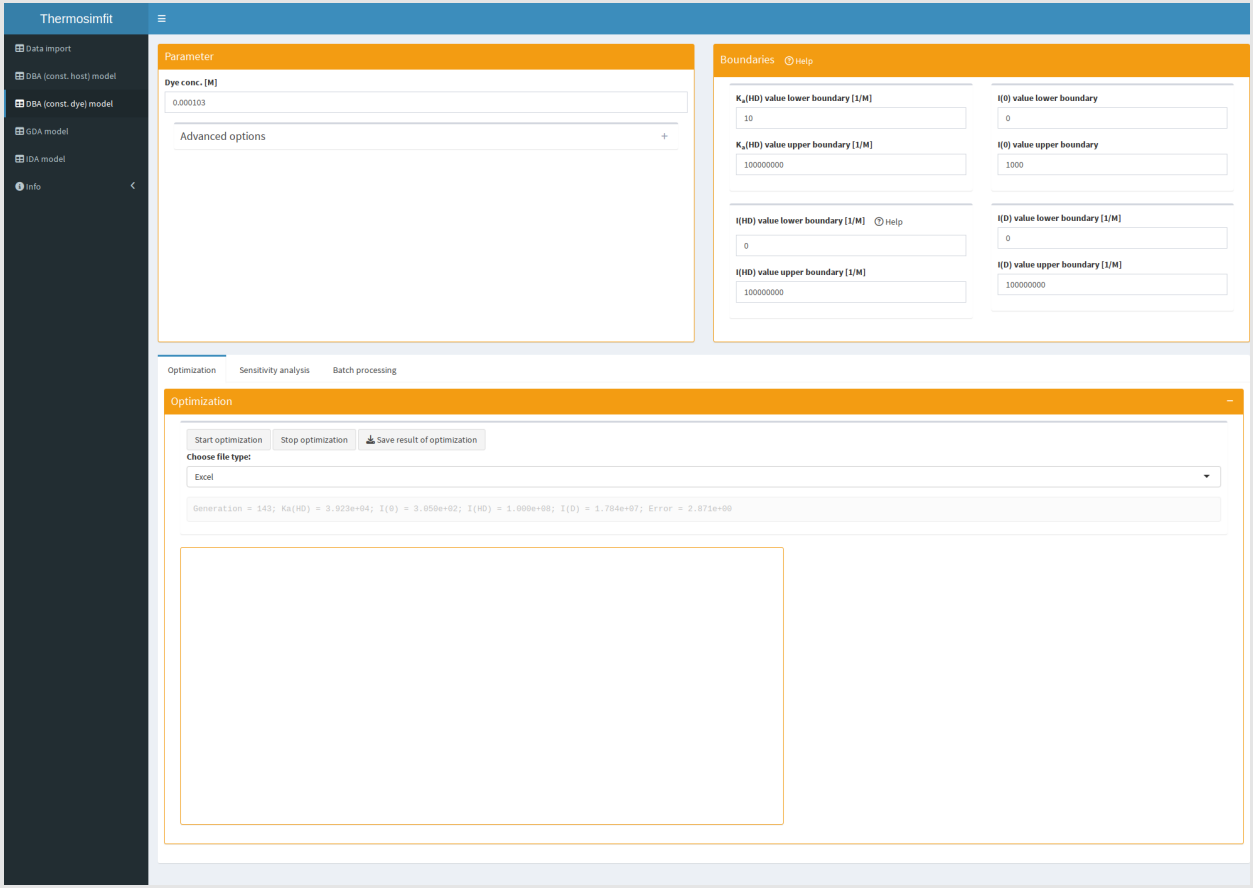

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 76; Ka(HD) = 3.875e+04; I(0) = 7.663e+01; I(HD) = 9.985e+07; I(D) = 1.995e+07; Error = 2.938e+00
Registered S3 method overwritten by 'sensitivity':
method from
print.src dplyr

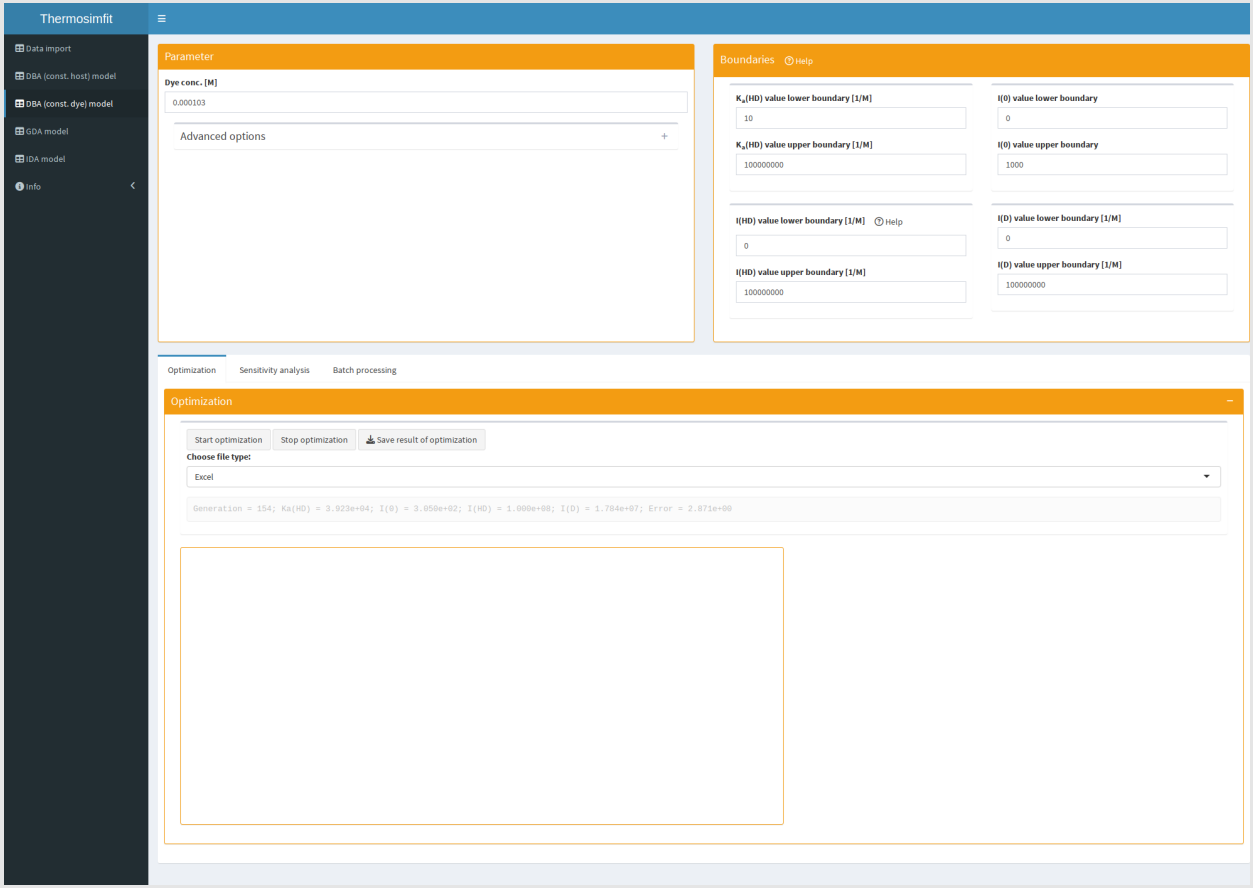

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 89; Ka(HD) = 6.242e+04; I(0) = 2.629e+02; I(HD) = 1.000e+08; I(D) = 1.847e+07; Error = 2.931e+00

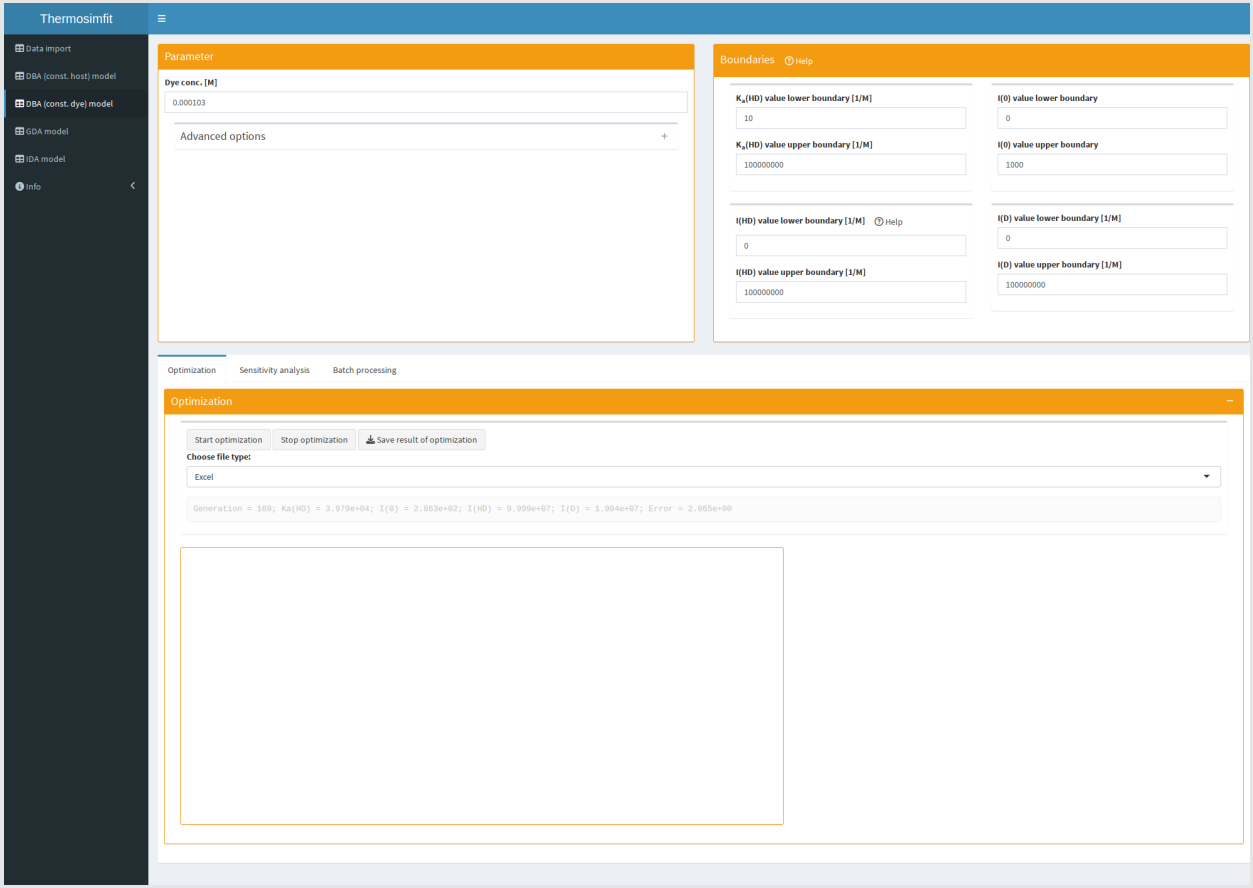

Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) value upper boundary [1/M]
100000000
I(0) value lower boundary
0
I(0) value upper boundary
1000
I(HD) value lower boundary [1/M]
Help
0
I(HD) value upper boundary [1/M]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 107; Ka(HD) = 3.923e+04; I(0) = 3.050e+02; I(HD) = 1.000e+08; I(D) = 1.784e+07; Error = 2.871e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) 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]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 118; Ka(HD) = 3.923e+04; I(0) = 3.050e+02; I(HD) = 1.000e+08; I(D) = 1.784e+07; Error = 2.871e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) 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]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 120; Ka(HD) = 3.923e+04; I(0) = 3.050e+02; I(HD) = 1.000e+08; I(D) = 1.784e+07; Error = 2.871e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) 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]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 143; Ka(HD) = 3.923e+04; I(0) = 3.050e+02; I(HD) = 1.000e+08; I(D) = 1.784e+07; Error = 2.871e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) 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]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 154; Ka(HD) = 3.923e+04; I(0) = 3.050e+02; I(HD) = 1.000e+08; I(D) = 1.784e+07; Error = 2.871e+00


Thermosimfit
Data import
DBA (const. host) model
DBA (const. dye) model
GDA model
IDA model
Info
Parameter
Dye conc. [M]
0.000103
Advanced options
Boundaries
Help
K_a(HD) value lower boundary [1/M]
10
K_a(HD) 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]
100000000
I(D) value lower boundary [1/M]
0
I(D) value upper boundary [1/M]
100000000
Optimization
Sensitivity analysis
Batch processing
Optimization
Start optimization
Stop optimization
Save result of optimization
Choose file type:
Excel
Generation = 169; Ka(HD) = 3.979e+04; I(0) = 2.863e+02; I(HD) = 9.999e+07; I(D) = 1.904e+07; Error = 2.865e+00

Thermosimfit

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

Parameter

Dye conc. [M]

0.000103

Advanced options +

Boundaries Help

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

10

K_a(HD) 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]

100000000

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

0

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

100000000

Optimization | Sensitivity analysis | Batch processing

Optimization

Start optimization | Stop optimization | Save result of optimization

Choose file type:

Excel

Show 10 **entries** **Search:**

	K_a(HD) [M]	I(0)	I(HD) [1/M]	I(D) [1/M]
1	4.52e+4	405	9.96e+7	1.83e+7

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	2.58101e+7	5,080.36	3,714.00	0.824327	0.806759

Showing 1 to 1 of 1 entries Previous 1 Next