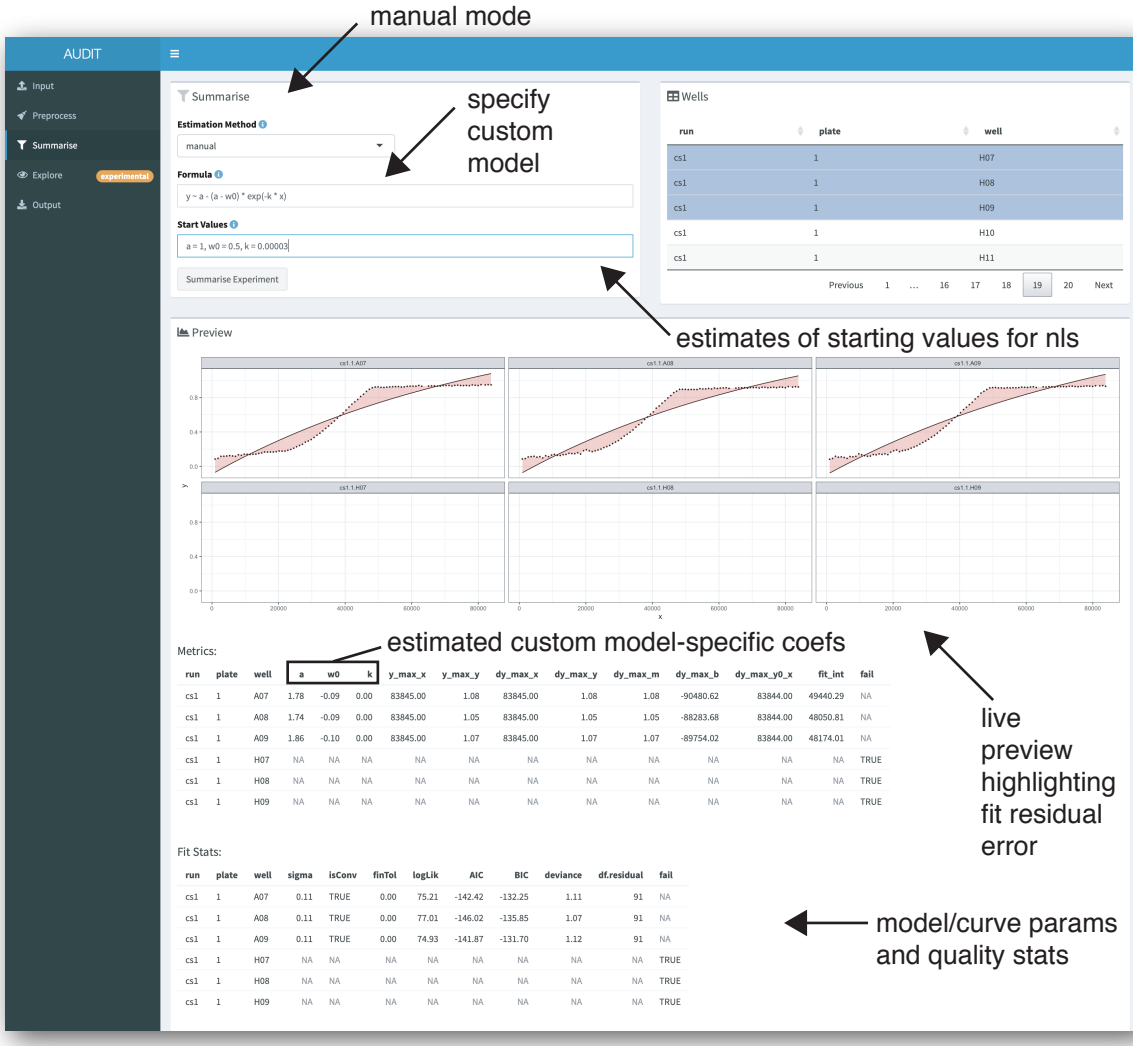
manual mode
AUDIT
Input
Preprocess
Summarise
Explore
experimental
Output
Summarise
specify custom model
Estimation Method
manual
Formula
y ~ a - (a - w0) * exp(-k * x)
Start Values
a = 1, w0 = 0.5, k = 0.00003
Summarise Experiment
Wells
run
plate
well
cs1 1 H07
cs1 1 H08
cs1 1 H09
cs1 1 H10
cs1 1 H11
Previous 1 ... 16 17 18 19 20 Next
estimates of starting values for nls
Preview
cs1.1.A07
cs1.1.A08
cs1.1.A09
cs1.1.H07
cs1.1.H08
cs1.1.H09
estimated custom model-specific coefs
Metrics:
run plate well a w0 k y_max_x y_max_y dy_max_x dy_max_y dy_max_m dy_max_b dy_max_y0_x fit_int fail
cs1 1 A07 1.78 -0.09 0.00 83845.00 1.08 83845.00 1.08 1.08 -90480.62 83844.00 49440.29 NA
cs1 1 A08 1.74 -0.09 0.00 83845.00 1.05 83845.00 1.05 1.05 -88283.68 83844.00 48050.81 NA
cs1 1 A09 1.86 -0.10 0.00 83845.00 1.07 83845.00 1.07 1.07 -89754.02 83844.00 48174.01 NA
cs1 1 H07 NA NA NA NA NA NA NA NA NA NA NA TRUE
cs1 1 H08 NA NA NA NA NA NA NA NA NA NA NA TRUE
cs1 1 H09 NA NA NA NA NA NA NA NA NA NA NA TRUE
live preview highlighting fit residual error
Fit Stats:
run plate well sigma isConv finTol logLik AIC BIC deviance df.residual fail
cs1 1 A07 0.11 TRUE 0.00 75.21 -142.42 -132.25 1.11 91 NA
cs1 1 A08 0.11 TRUE 0.00 77.01 -146.02 -135.85 1.07 91 NA
cs1 1 A09 0.11 TRUE 0.00 74.93 -141.87 -131.70 1.12 91 NA
cs1 1 H07 NA NA NA NA NA NA NA NA TRUE
cs1 1 H08 NA NA NA NA NA NA NA NA TRUE
cs1 1 H09 NA NA NA NA NA NA NA NA TRUE
model/curve params and quality stats