

CONFIDENTIAL

Figures testing summary

Testing performed by	Dan Polhamus Senior Scientist Metrum Research Group LLC 2 Tunxis Road, Suite 112 Tariffville, CT Phone: Fax: 860-372-7988 Email:
(Sign and print name)	
Dates (YYYY-MM-DD)	

Testing log

RID	Topic	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
13	Serum Concentration Versus Time-Individual	1	Create plot panel: Analysis Selection -> PKInputFigures -> SErum Concentration Versus Time-Individual to 1	ConcvTime panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		3	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		4	Figure specific limits work: Enter the following into "Limit": EVID != 1	Plot is updated, respecting inputs. Screenshot as evidence	Added DV > 50 to prove it's working <Screenscaps>	Pass
		5	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Reset to Defaults <Screenscaps>	Pass
14	Serum Concentration Versus Time-Groups	1	Create plot panel: Analysis Selection -> PKInputFigures -> Serum Concentration Versus Time-Groups to 1	ConcvTimeGroup panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Group Plots" inputs	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		5	Figure specific limits work: Enter the following into "Limit": EVID != 1	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options. Dosing values with 0 concentration are dropped <Screenscaps>	Pass
		6	Select "Preserve all Levels", subset to STUDY == 183, and ensure that the color is the same as with the full data	Preserve all levels button retains same association between colors and variables before and after subsetting	Plot respects inputs for all options. EVID != 1 used instead as subset for another visual check <Screenscaps>	Pass
		7	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
15	Observed Versus Predicted	1	Create plot panel: Analysis Selection -> Model figures -> Observed vs Predicted to 1	OBSvPRED panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Group Plots" inputs	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		5	Figure specific limits work: Enter the following into "Limit": STUDY==183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass
16	Parameter Distribution	1	Create plot panel: Analysis Selection -> Model figures ->Parameter Distribution to 1	paramDist panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Group Plots" inputs	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenscaps>	Pass

RID	Topic	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		5	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
17	Categorical Covariance	1	Create plot panel: Analysis Selection -> Model figures -> Categorical covariance to 1	covCat panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Group Plots" inputs	Plot is updated, respecting inputs. Screenshot as evidence	Error in recording log, there is no "Group plots" for the categorical covariance plots	N/A
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		5	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options. Disease subset to 0 to make visual check easier <Screenshots>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
18	Continuous Covariance	1	Create plot panel: Analysis Selection -> Model figures -> Continuous covariance to 1	covCon panel created in Figures	Panel is created	Pass
		2	Figure renders and respects inputs for all "Group Plots" inputs	Plot is updated, respecting inputs. Screenshot as evidence	Error in testing log, there is no "Group plots" for the continuous covariance plots	N/A
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		5	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options. Subset on Height < 170 was used instead to make visual check easier <Screenshots>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
19	Correlation Pairs	1	Create plot panel: Analysis Selection -> Model figures -> Correlation Pairs to 1	corPairs panel created in Figures	Panel created	Pass
		2	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		3	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		4	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options. ETA5 l= 0 used instead for easier visual evidence. <Screenshots>	Pass
		5	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass

RID	Topic	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
20	Quantile Plot	1	Create plot panel: Analysis Selection -> Model figures -> QQ Plot to 1	QQplot panel created in Figures	Panel created	Pass
		2	Figure renders and respects inputs for all "Group Plots" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
		5	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options. ETA2 < 0 used instead for easier visual evidence. <Screenshots>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Plot respects inputs for all options <Screenshots>	Pass
21	Goodness of Fit	1	Create plot panel: Analysis Selection -> Model figures -> GOF to 1	GOF panel created in Figures	Panel created	Pass
		2	Figure renders and respects inputs for all "Group Plots" boxes	Plot is updated, respecting inputs. Screenshot as evidence	Not applicable	N/A
		3	Figure renders and respects inputs for all "Plots Details" boxes	Plot is updated, respecting inputs. Screenshot as evidence	All inputs for all of Plot Details, Time details, IPRED details, PRED details, DV details, Resid details, NPDE details respected input and rendered appropriate plots <Screenshots>	Pass
		4	Figure renders and respects inputs for all "Change Defaults" boxes	Plot is updated, respecting inputs. Screenshot as evidence	No applicable	N/A
		5	Figure specific limits work: Enter the following into "Limit": STUDY == 183	Plot is updated, respecting inputs. Screenshot as evidence	Study successfully subset to 183 <Screenshots>	Pass
		6	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence	Reset successful. There is no CWRES in the data, hence an error is handled on screen reflecting that. <Screenshots>	Pass
22	Figure from disk	1	Create plot panel: Analysis Selection -> Model figures -> Figure from disk	inputFigure panel is created	Panel is created	Pass
		2	Figure renders from disk: Upload figure to /data, point to figure, and generate plot	Figure preview is shown	MRG logo uploaded and displayed	Pass
23	Figures can quickly be created from previously created figures	1	Increase the value for a plot in Analysis Selection	Verify that the settings are duplicated to a new panel	paramDist#1, showing faceting on STUDY was duplicated into paramDist#2	Pass

Appendix

Screenshots

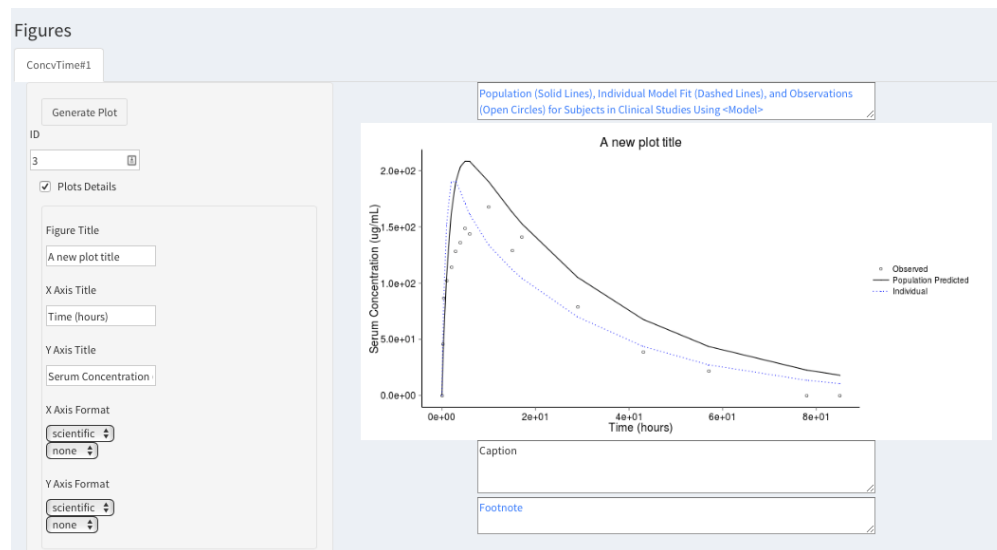


Figure 1: RID: 13 Test ID: 2

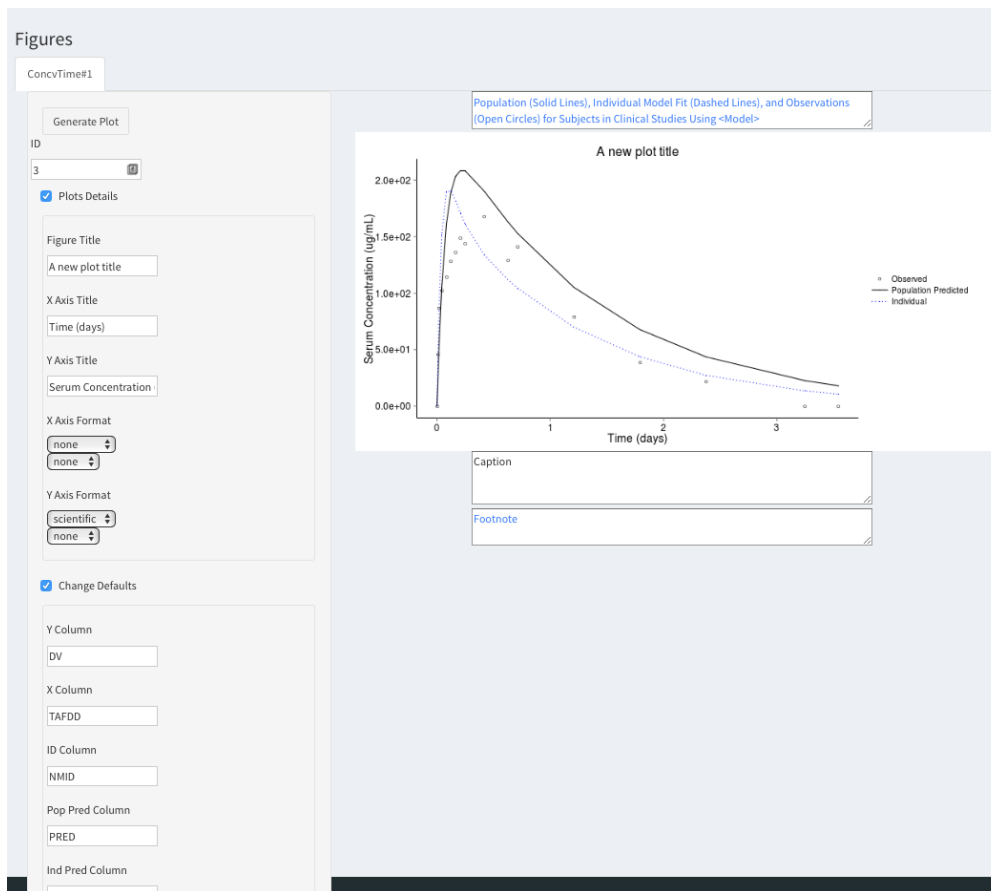


Figure 2: RID: 13 Test ID: 3

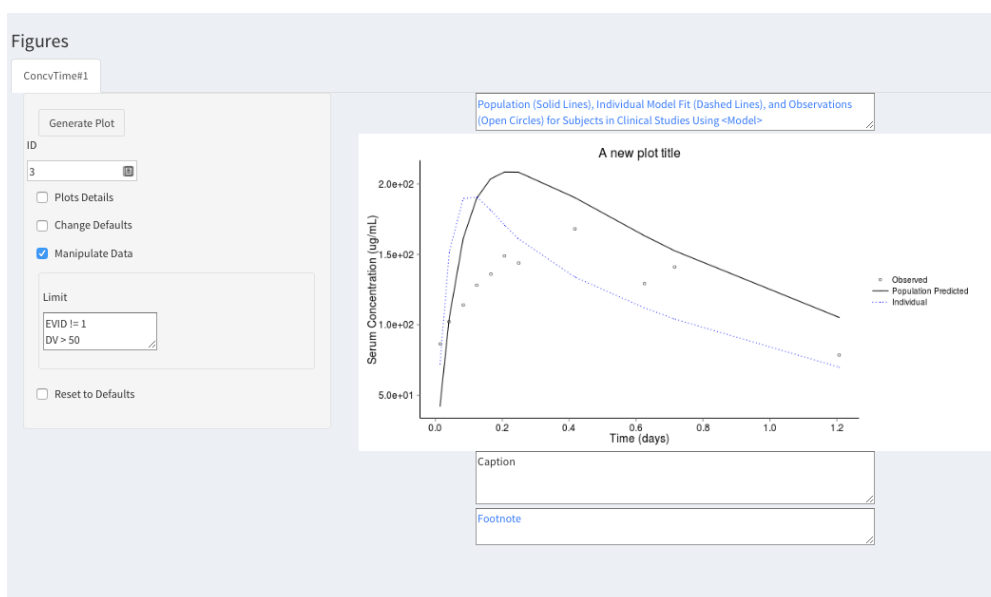


Figure 3: RID: 13 Test ID: 4

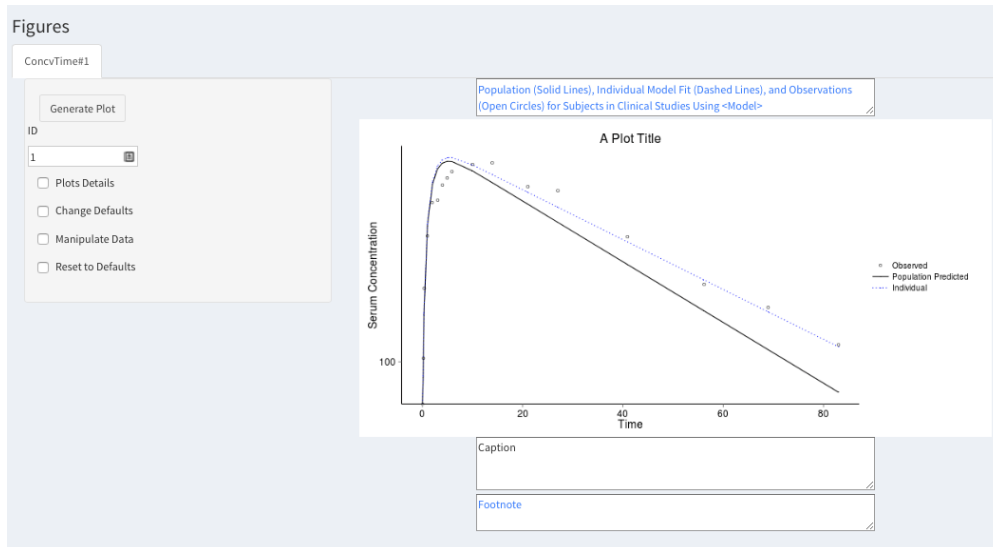


Figure 4: RID: 13 Test ID: 5

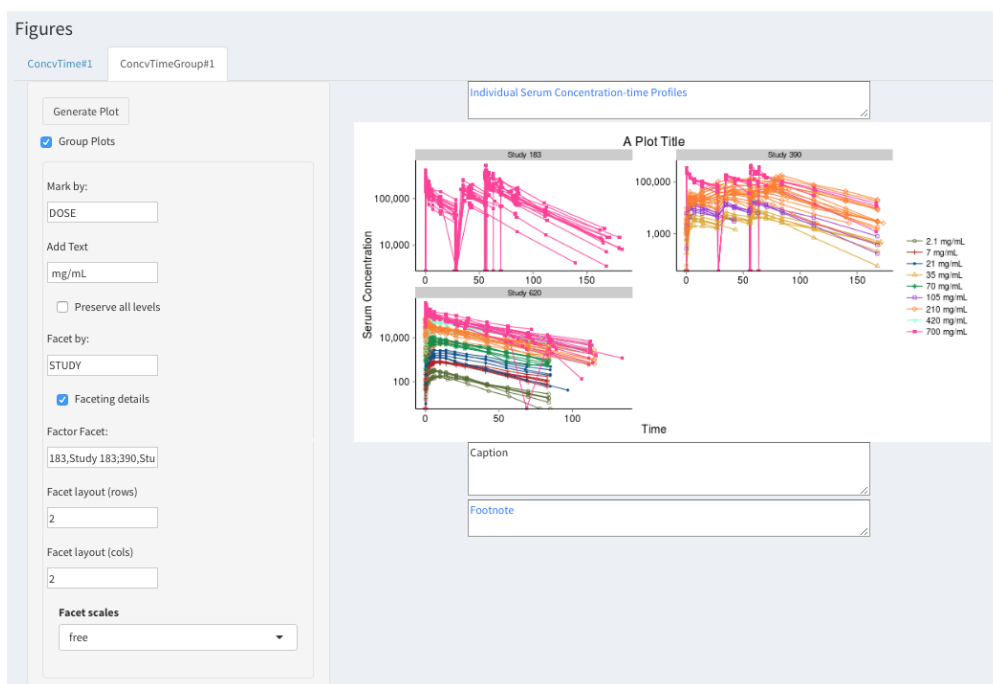


Figure 5: RID: 14 Test ID: 2

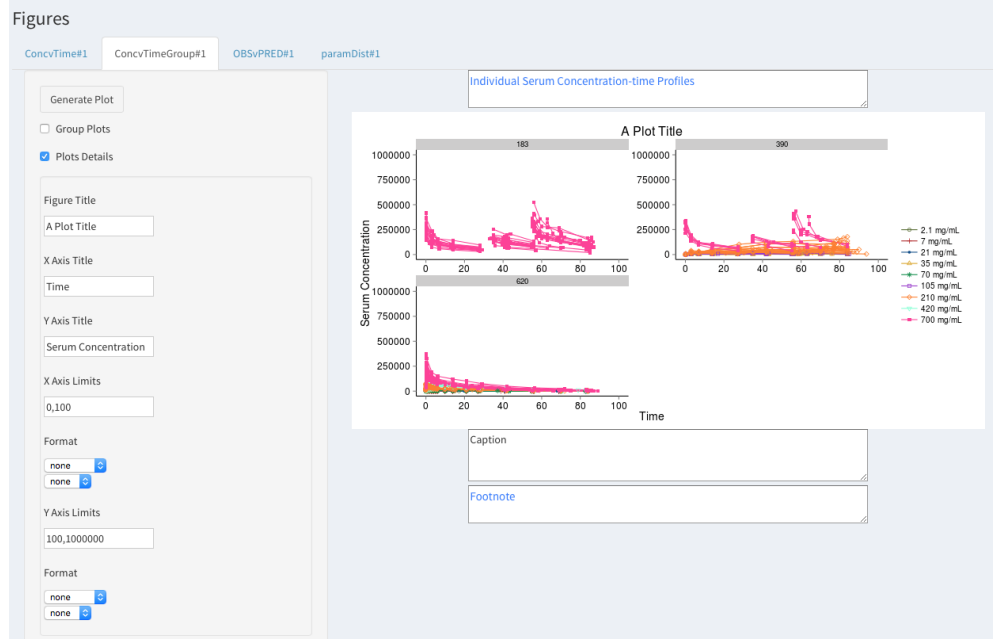


Figure 6: RID: 14 Test ID: 3

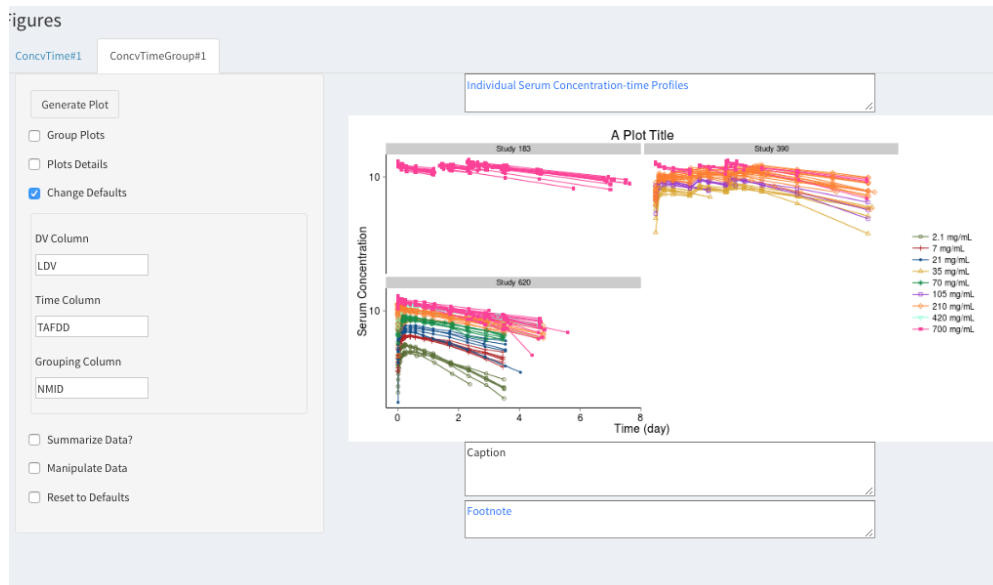


Figure 7: RID: 14 Test ID: 4

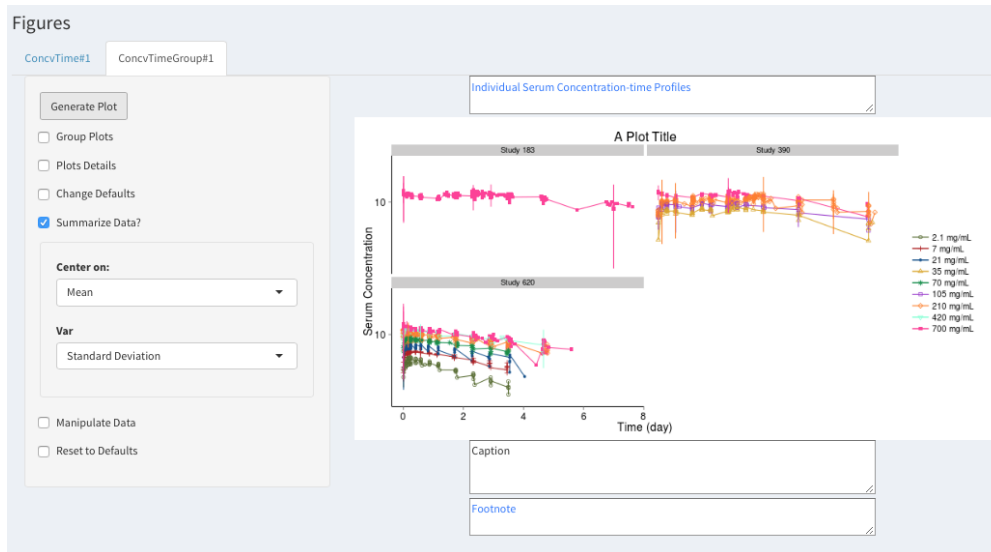


Figure 8: RID: 14 Test ID: 5

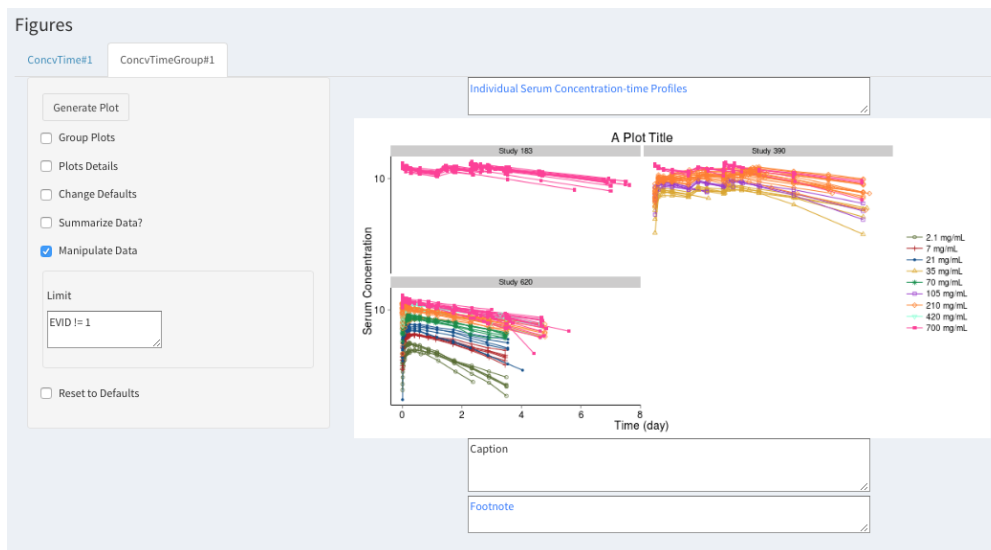


Figure 9: RID: 14 Test ID: 6

Figures

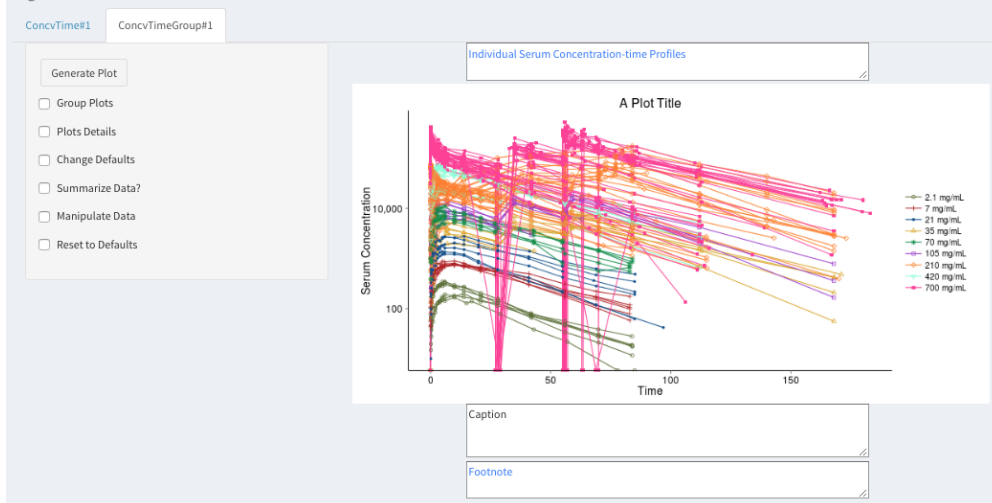


Figure 10: RID: 14 Test ID: 7

Figures

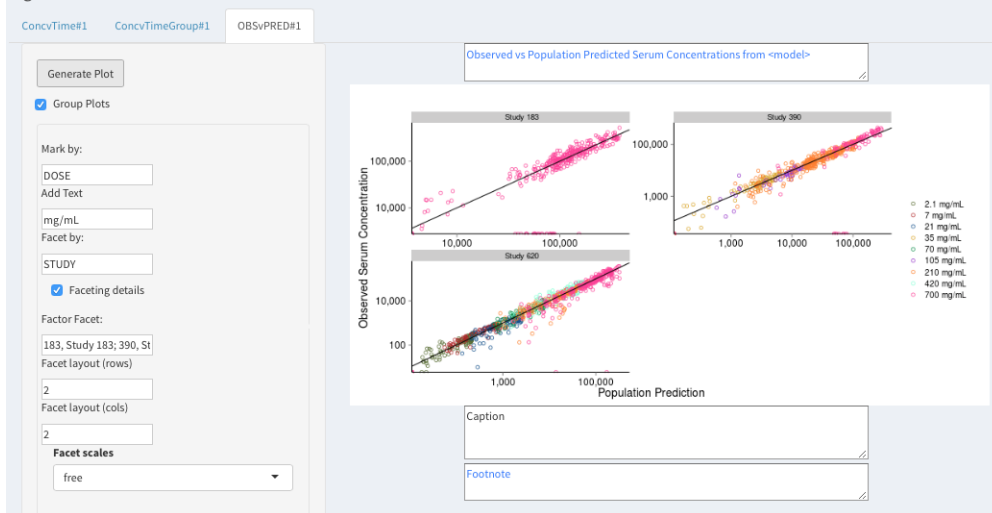


Figure 11: RID: 15 Test ID: 2

Figures

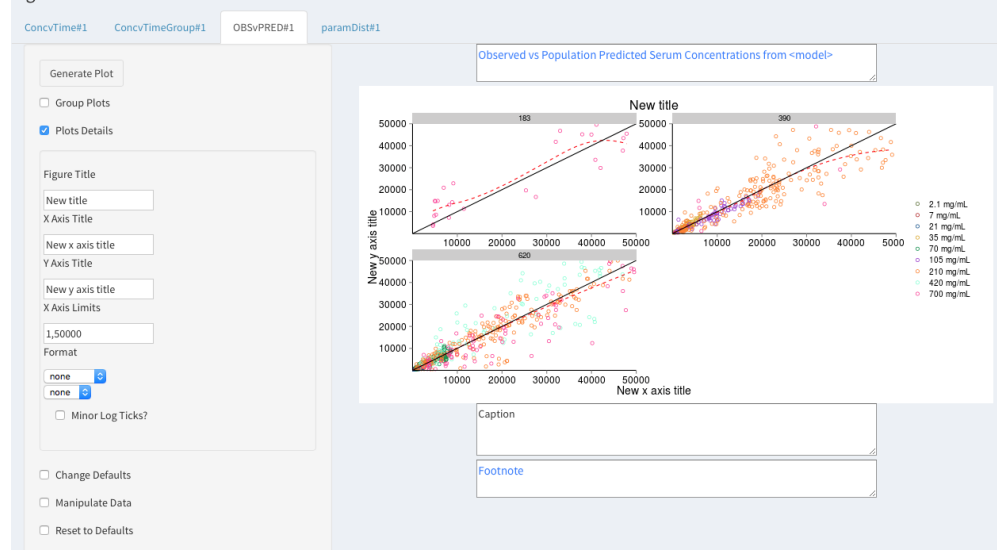


Figure 12: RID: 15 Test ID: 3

Figures

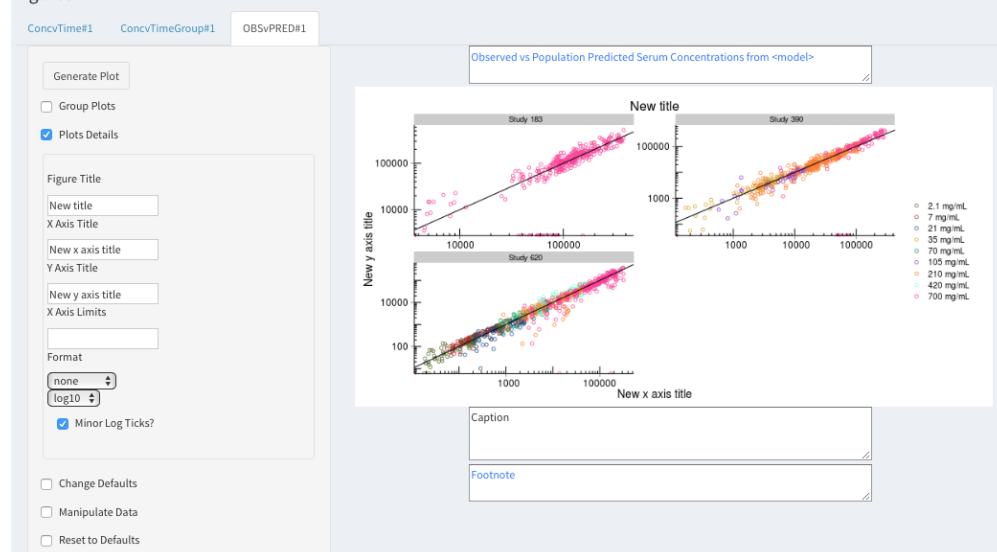


Figure 13: RID: 15 Test ID: 4

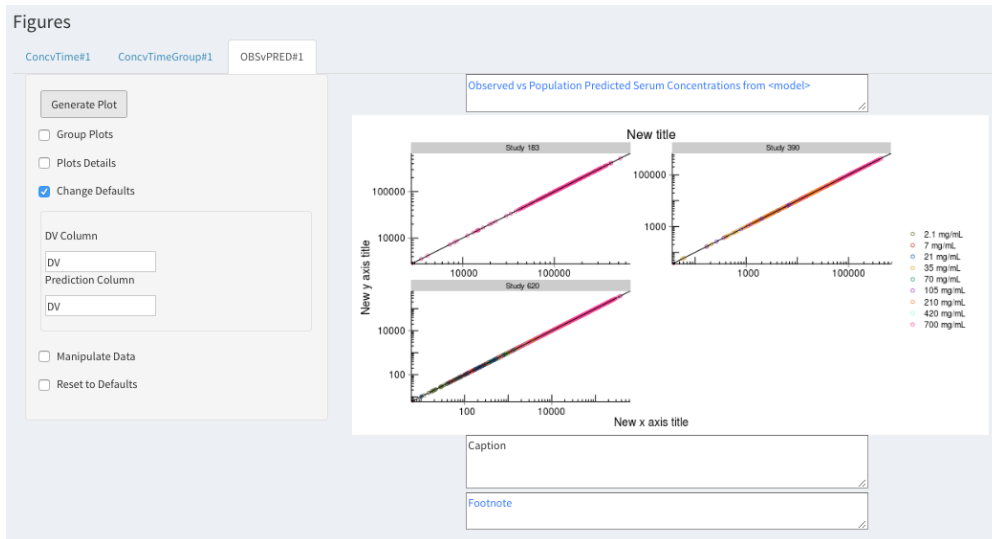


Figure 14: RID: 15 Test ID: 5

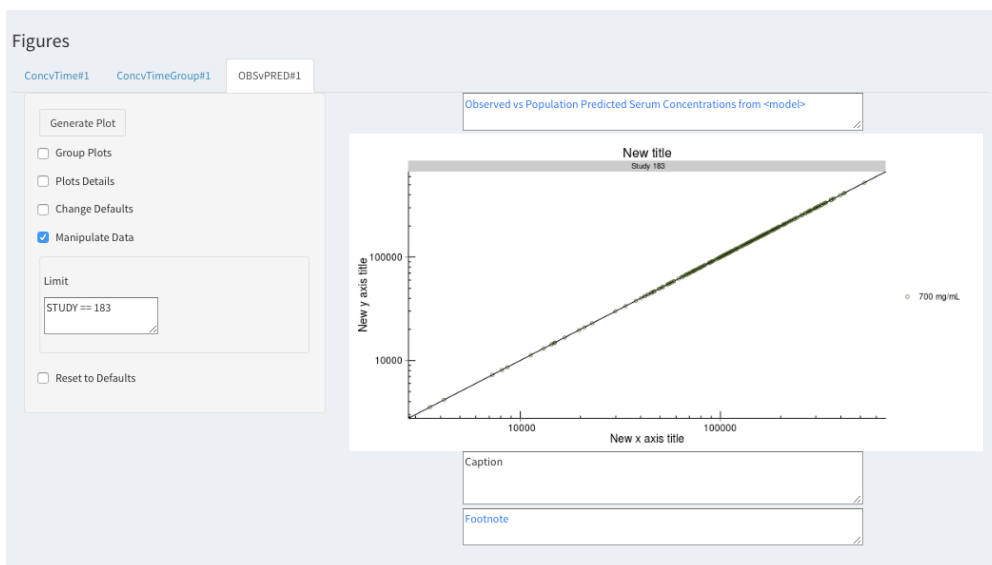


Figure 15: RID: 15 Test ID: 6

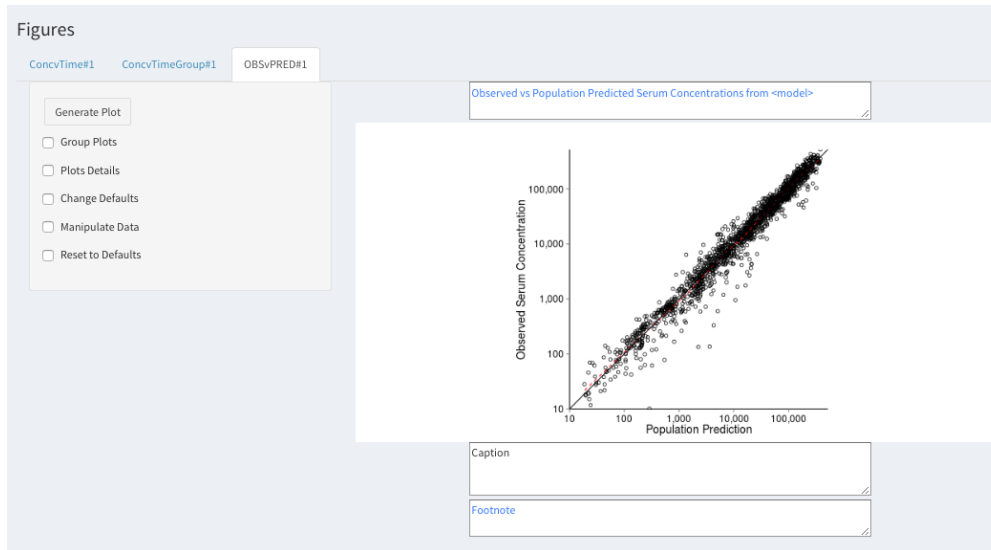


Figure 16: RID: 15 Test ID: 7

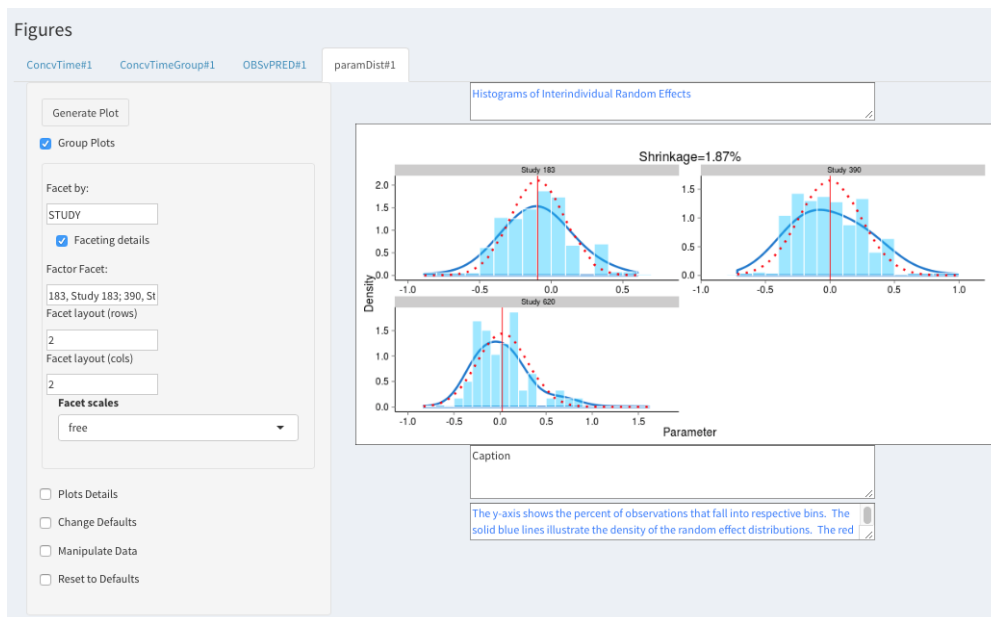


Figure 17: RID: 16 Test ID: 2

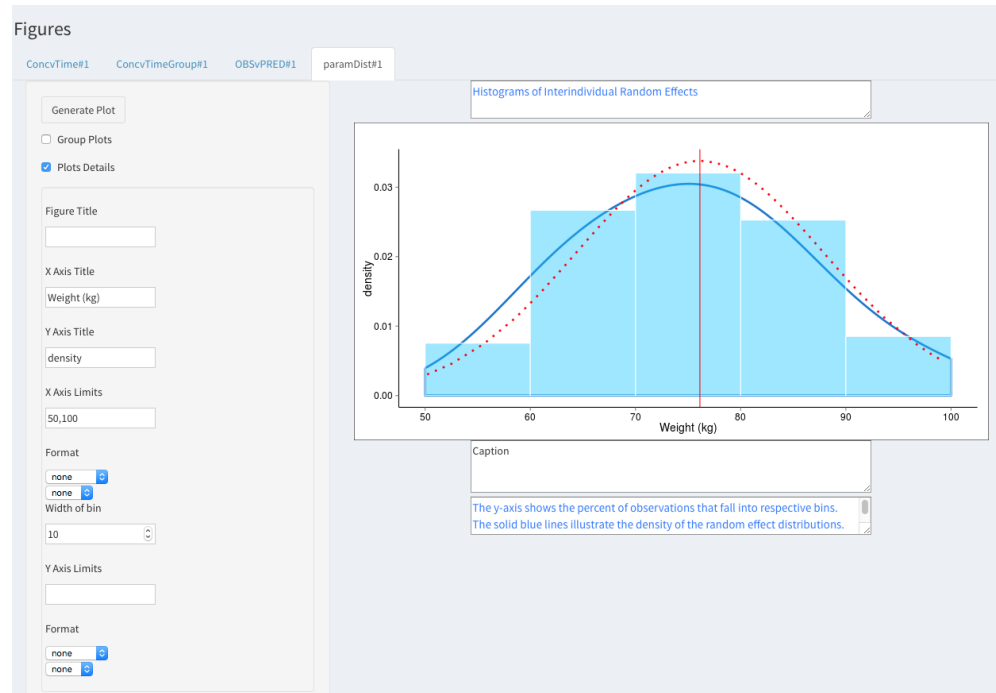


Figure 18: RID: 16 Test ID: 3



Figure 19: RID: 16 Test ID: 4



Figure 20: RID: 16 Test ID: 5

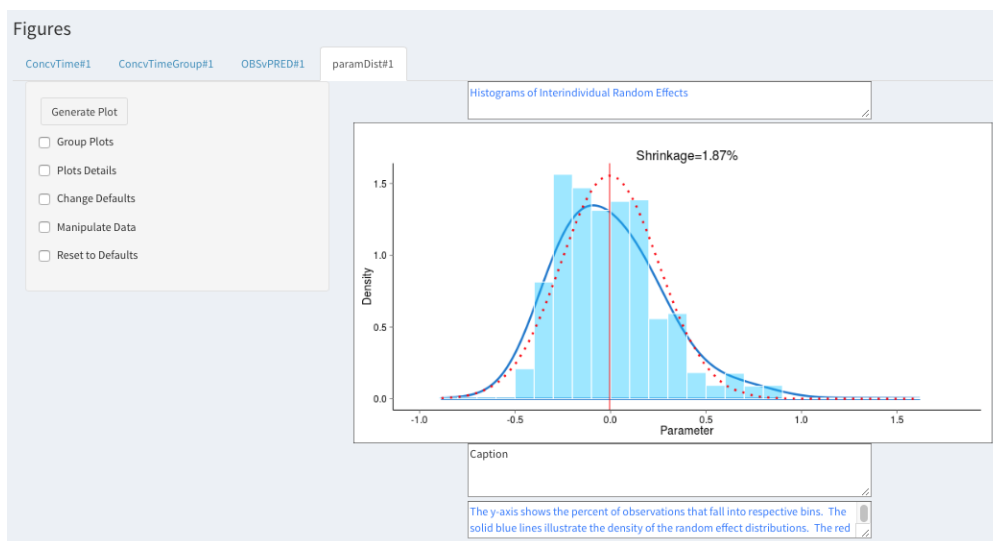


Figure 21: RID: 16 Test ID: 6

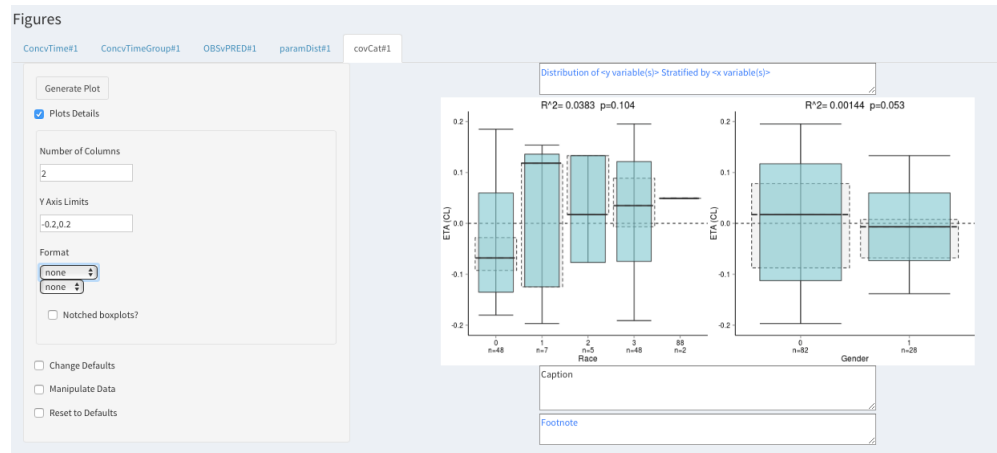


Figure 22: RID: 17 Test ID: 3

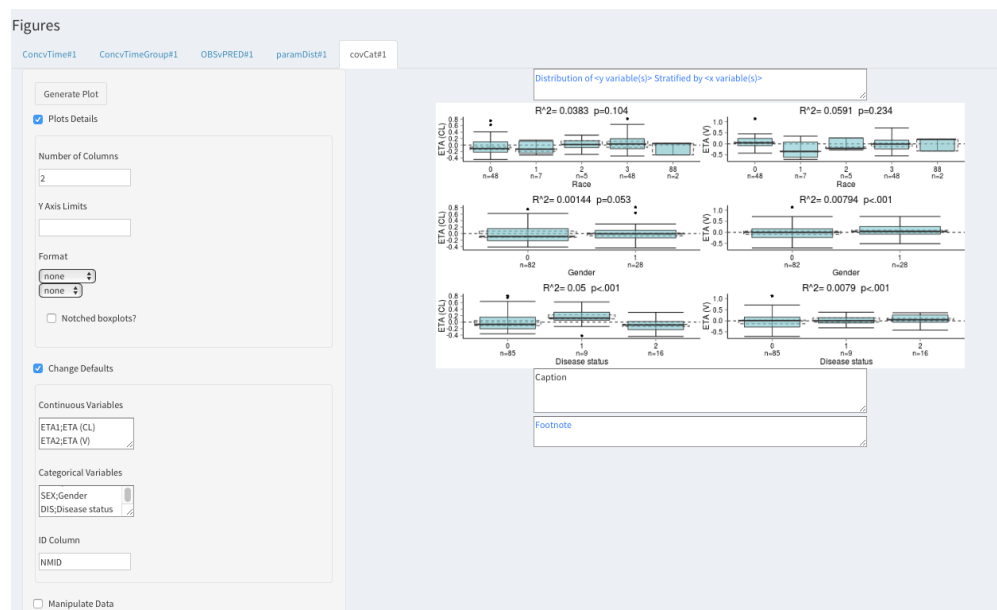


Figure 23: RID: 17 Test ID: 4

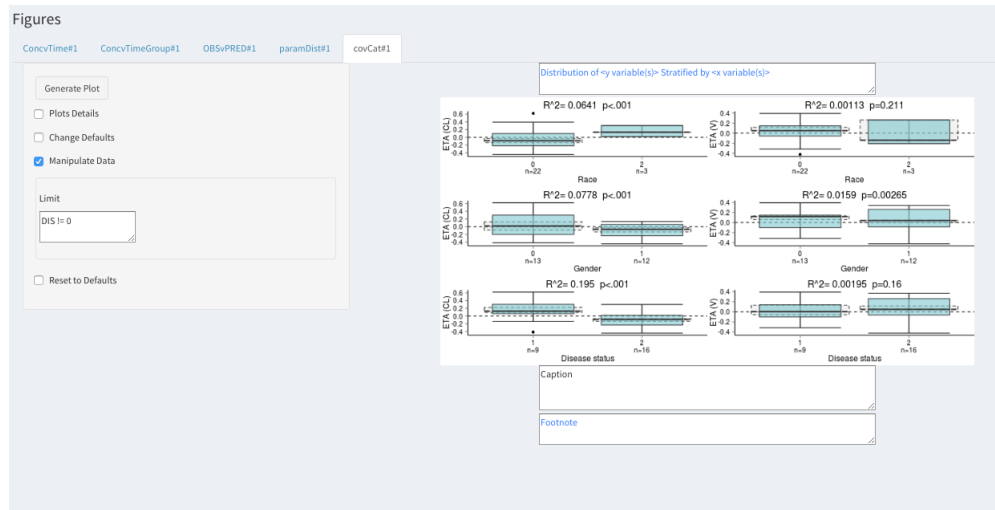


Figure 24: RID: 17 Test ID: 5

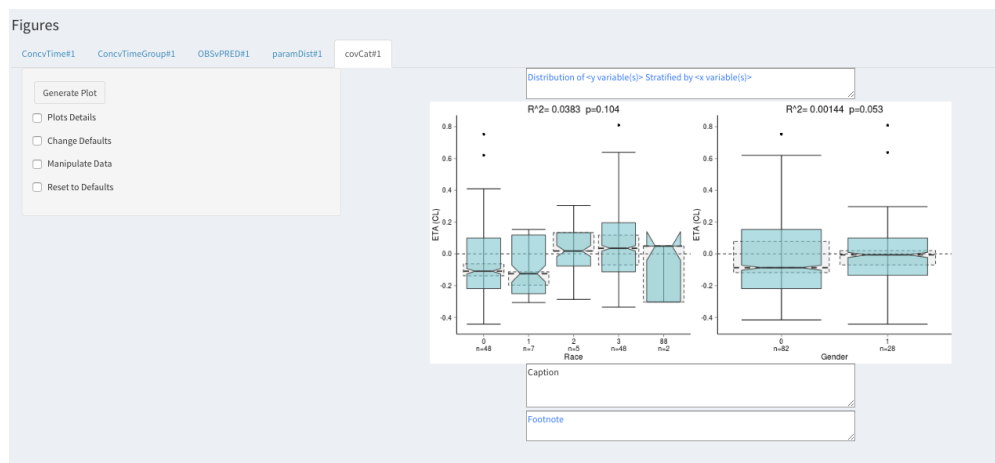


Figure 25: RID: 17 Test ID: 6

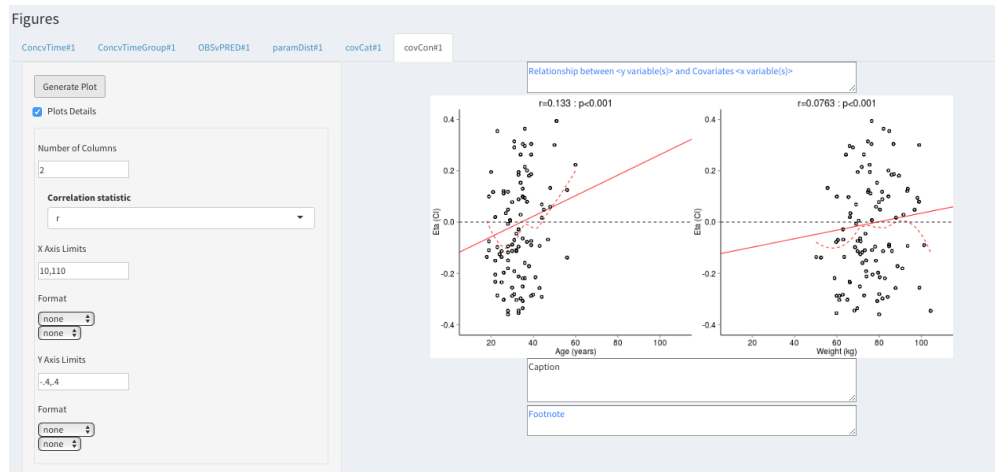


Figure 26: RID: 18 Test ID: 3

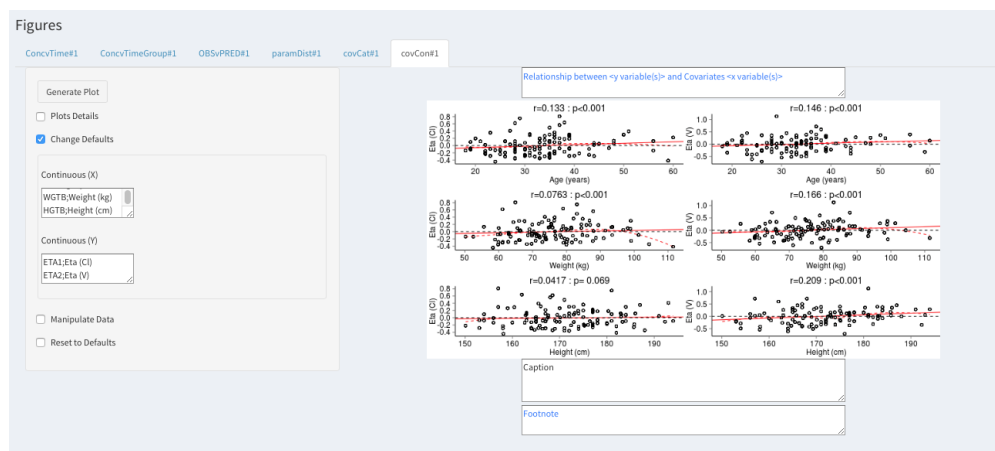


Figure 27: RID: 18 Test ID: 4

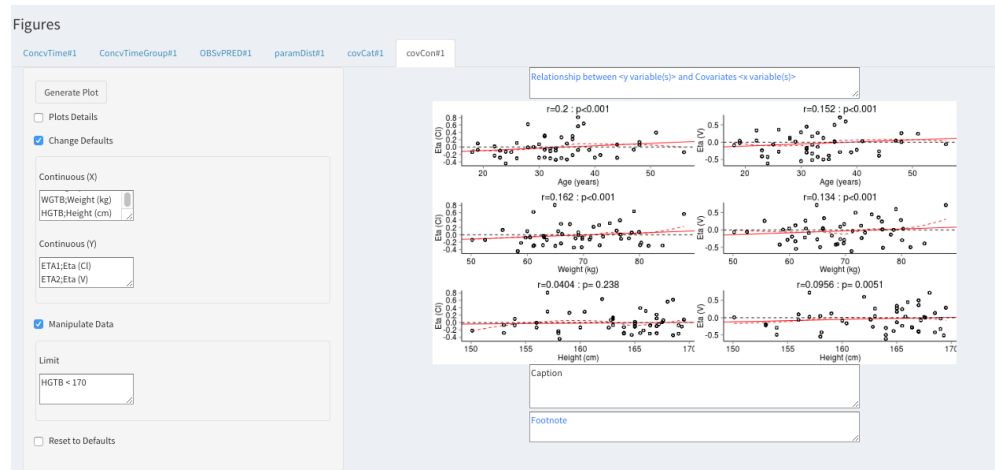


Figure 28: RID: 18 Test ID: 5

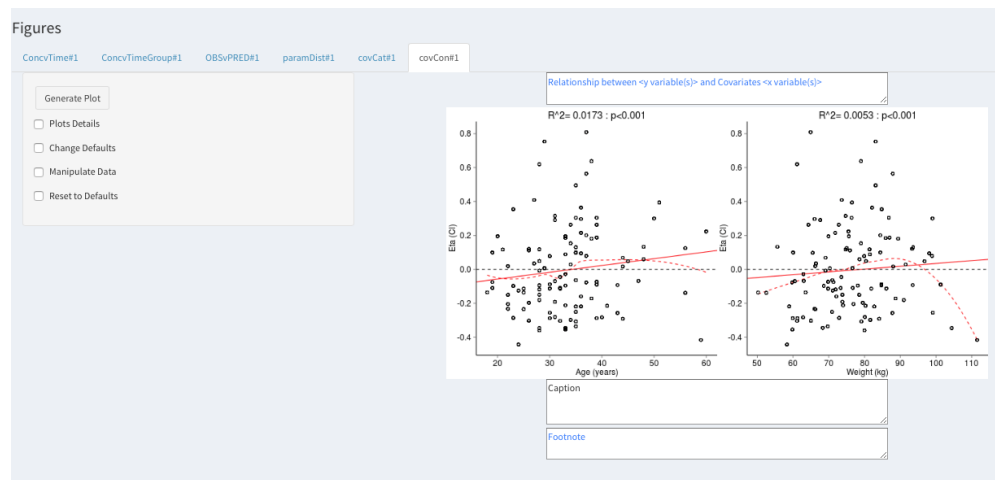


Figure 29: RID: 18 Test ID: 6

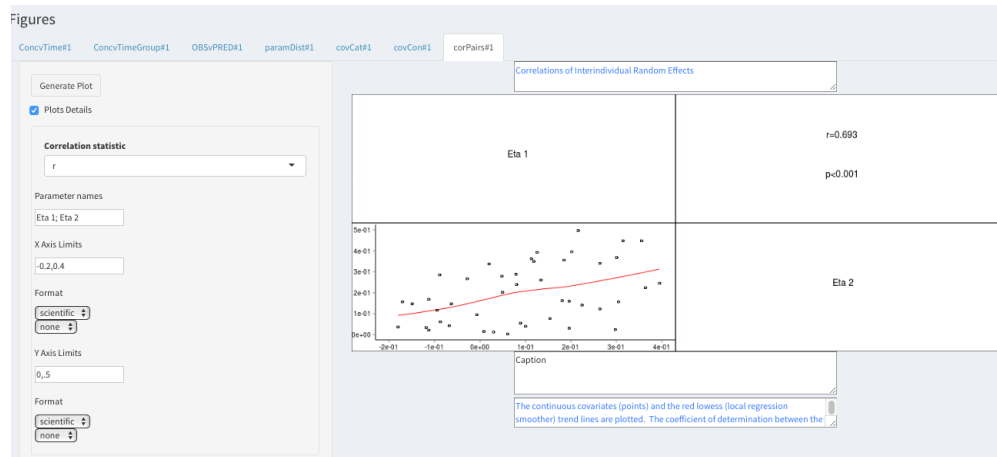


Figure 30: RID: 19 Test ID: 2



Figure 31: RID: 19 Test ID: 3

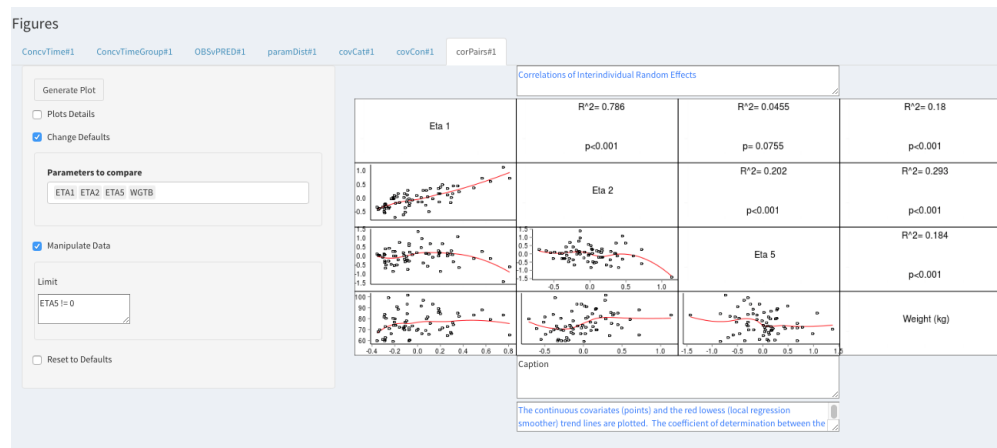


Figure 32: RID: 19 Test ID: 4

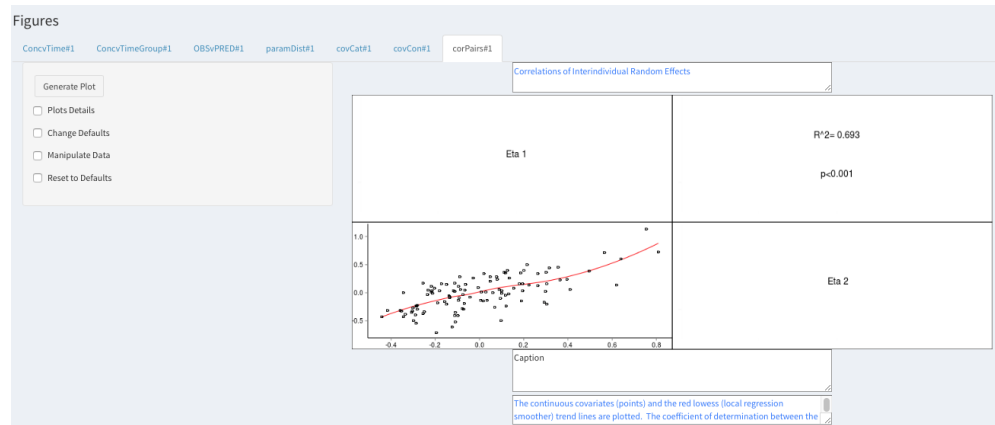


Figure 33: RID: 19 Test ID: 5

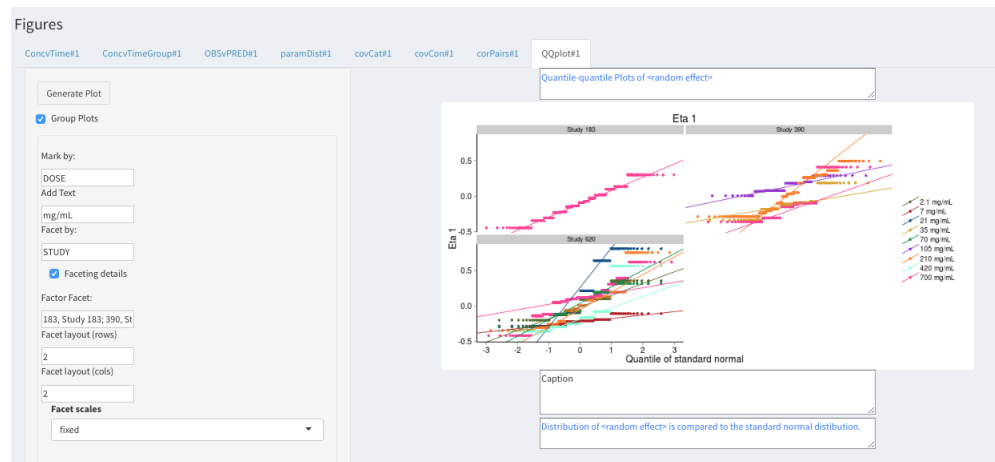


Figure 34: RID: 20 Test ID: 2

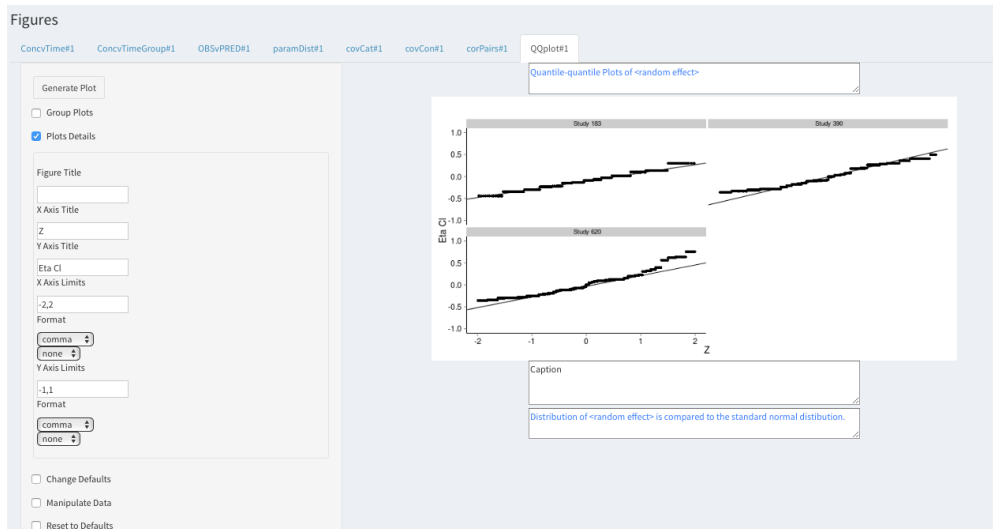


Figure 35: RID: 20 Test ID: 3

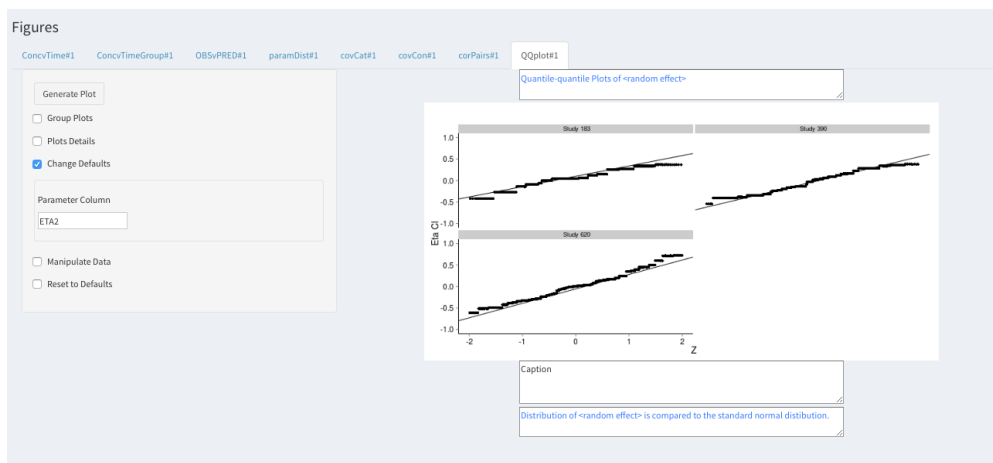


Figure 36: RID: 20 Test ID: 4

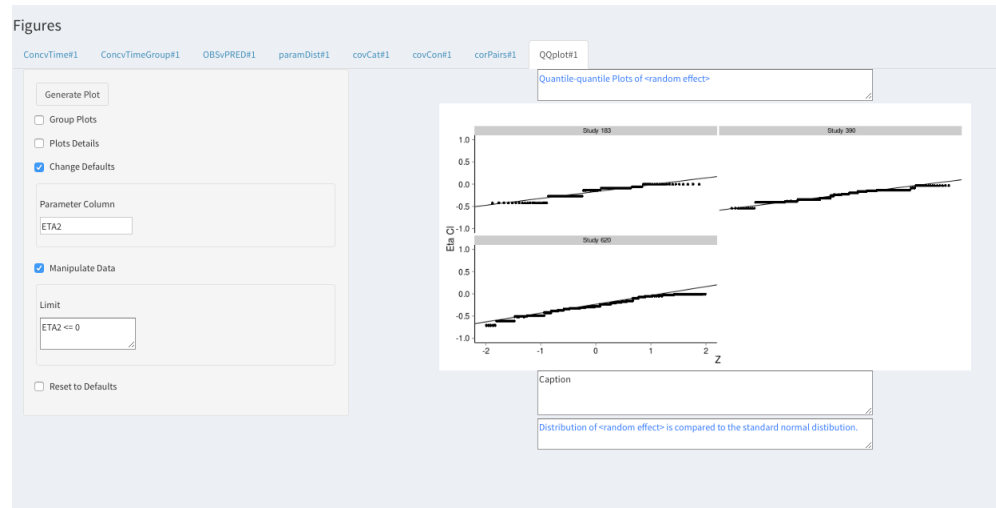


Figure 37: RID: 20 Test ID: 5

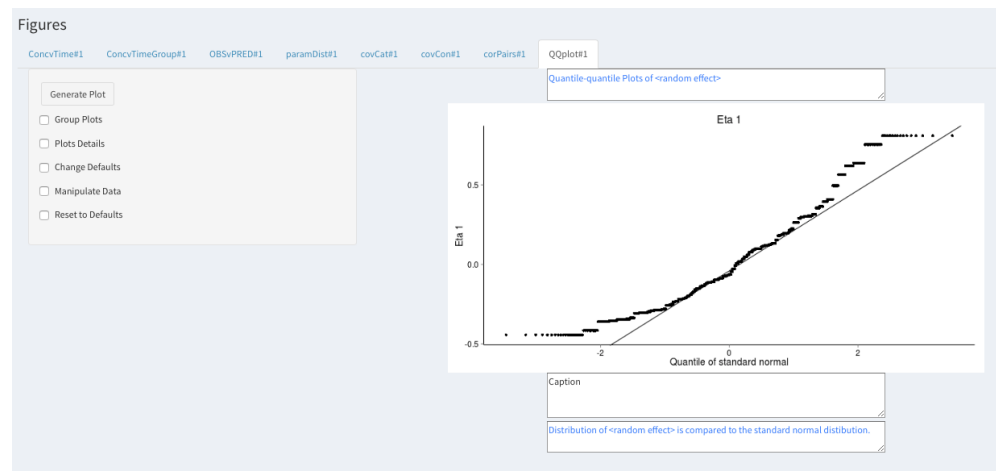


Figure 38: RID: 20 Test ID: 6

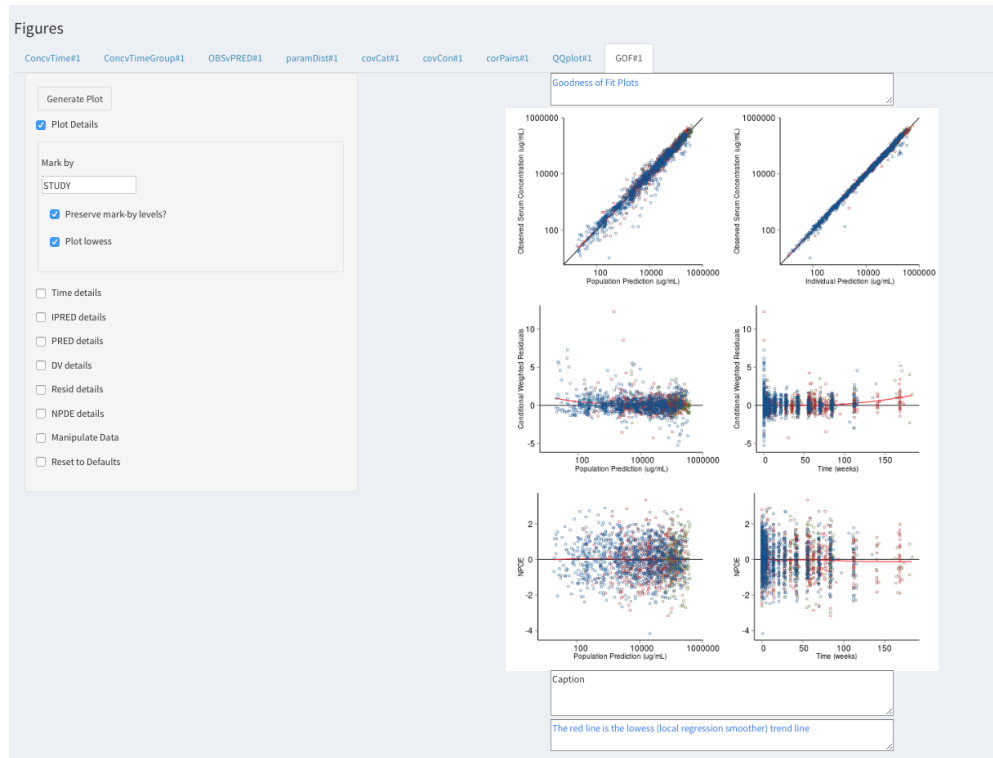


Figure 39: RID: 21 Test ID: 3

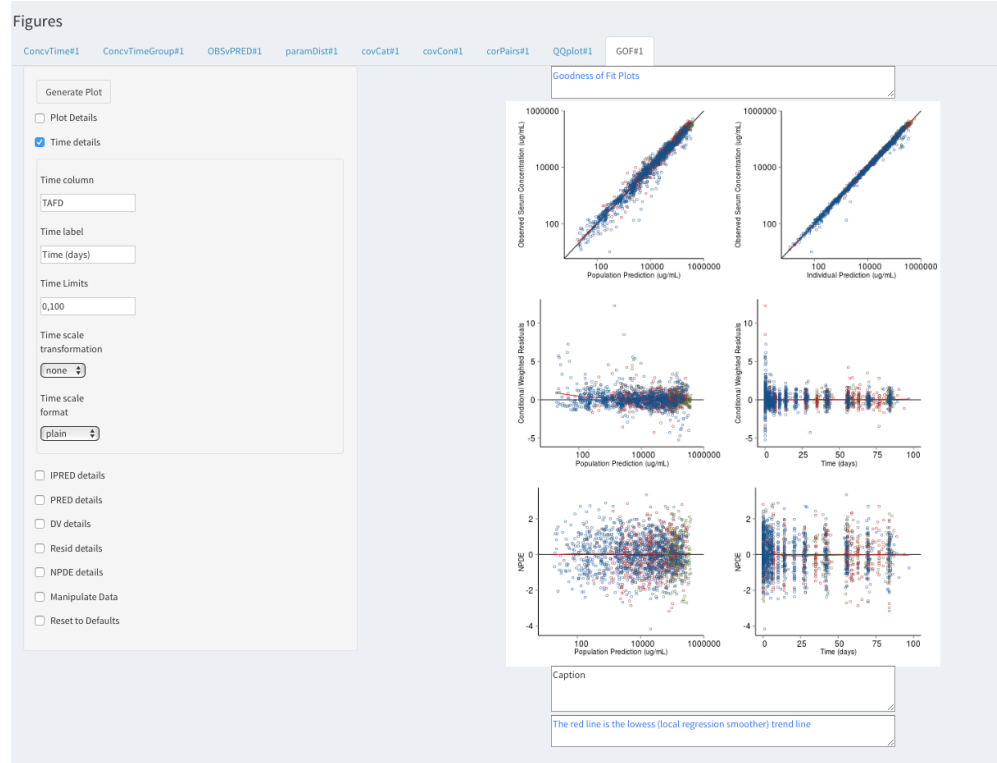


Figure 40: RID: 21 Test ID: 3

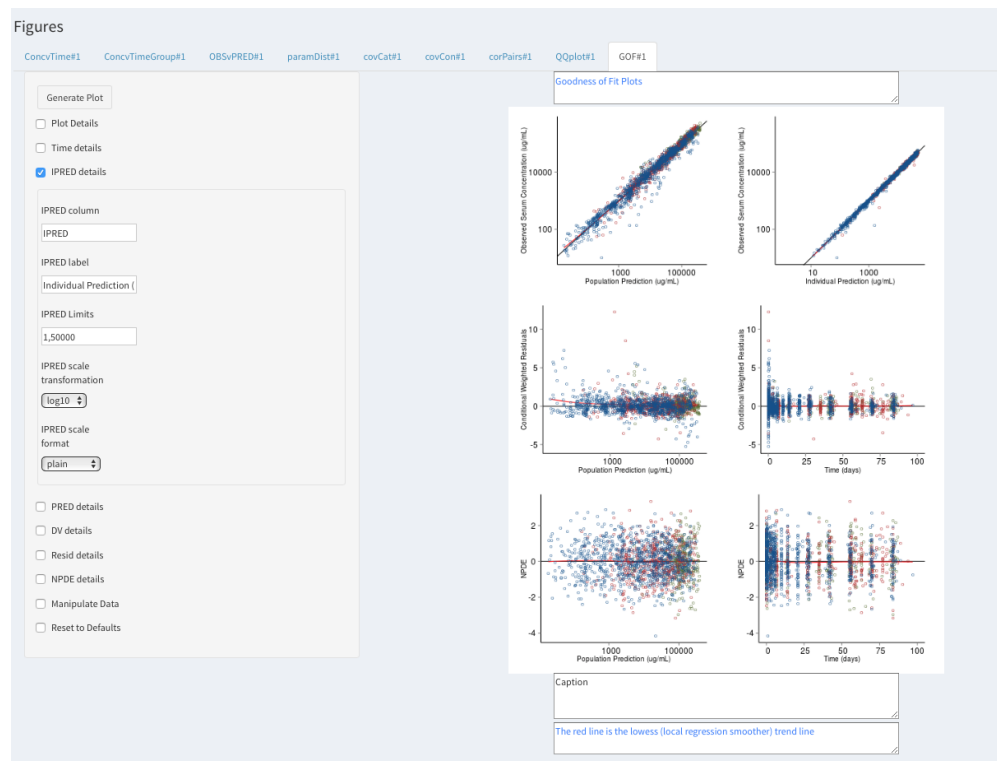


Figure 41: RID: 21 Test ID: 3

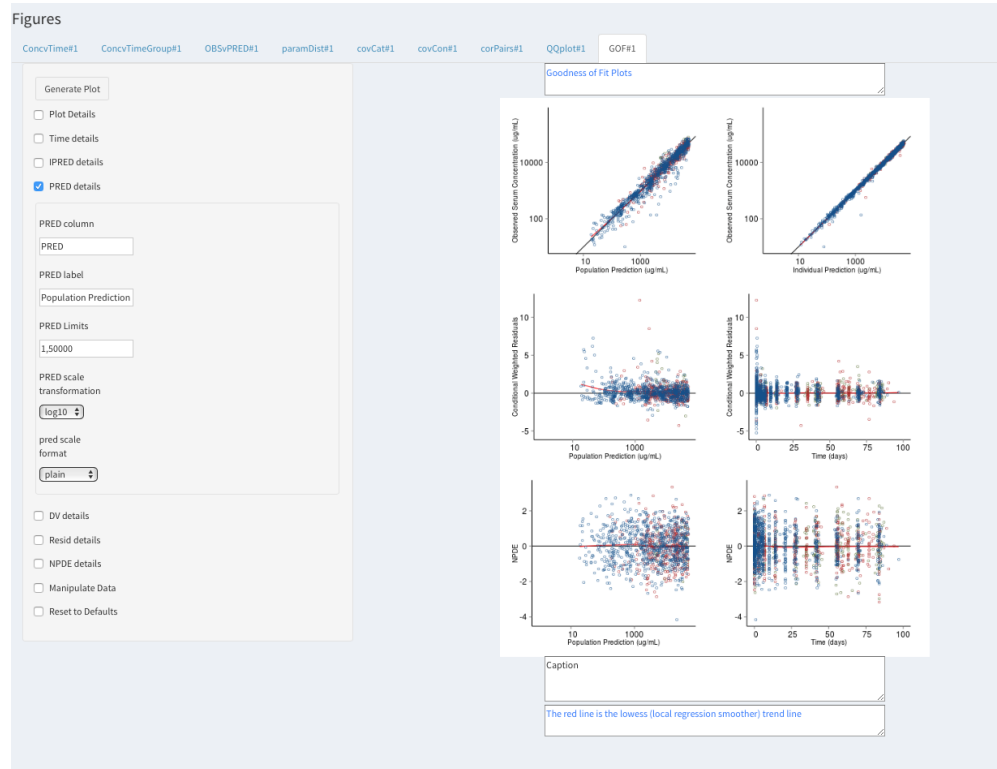


Figure 42: RID: 21 Test ID: 3

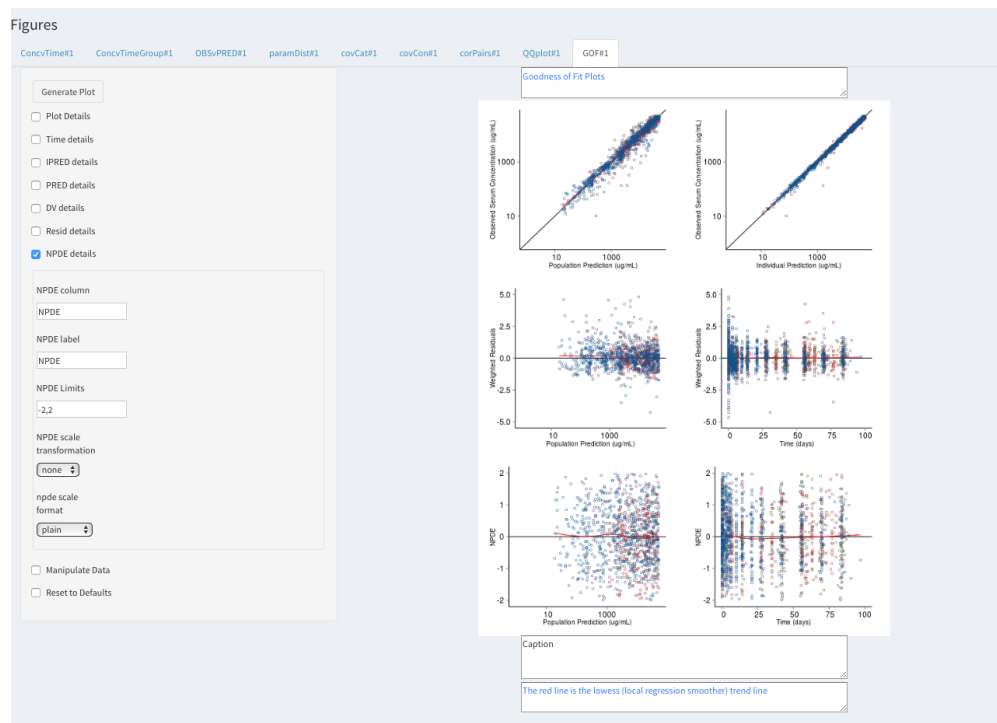


Figure 43: RID: 21 Test ID: 3

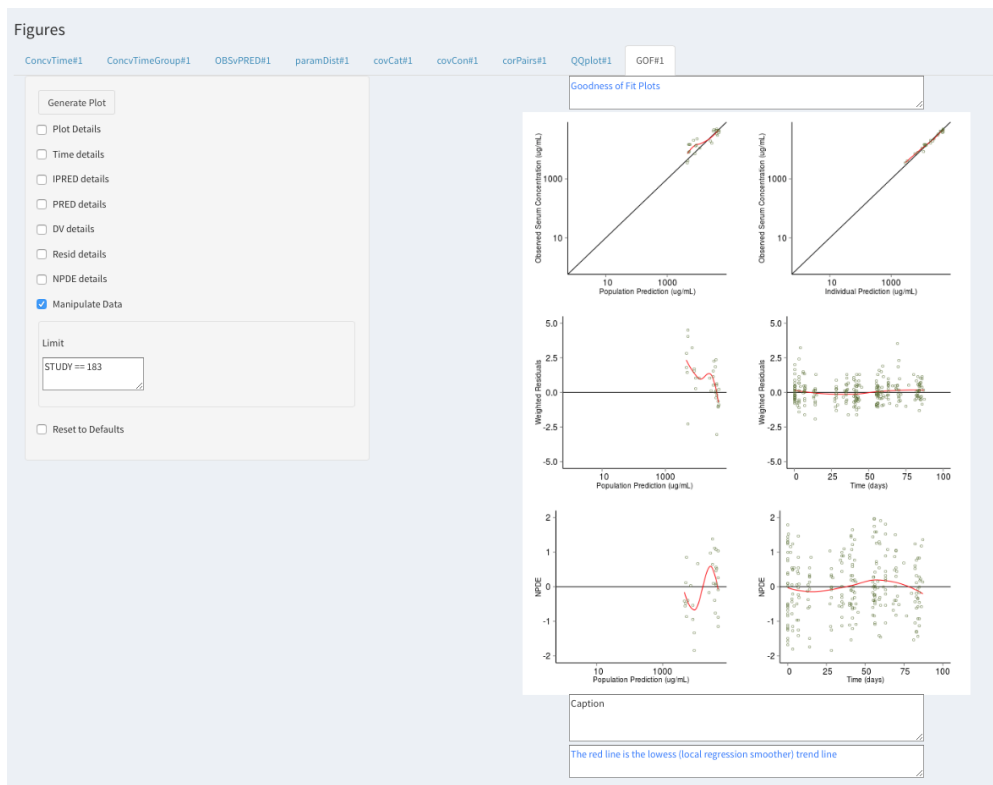


Figure 44: RID: 21 Test ID: 5

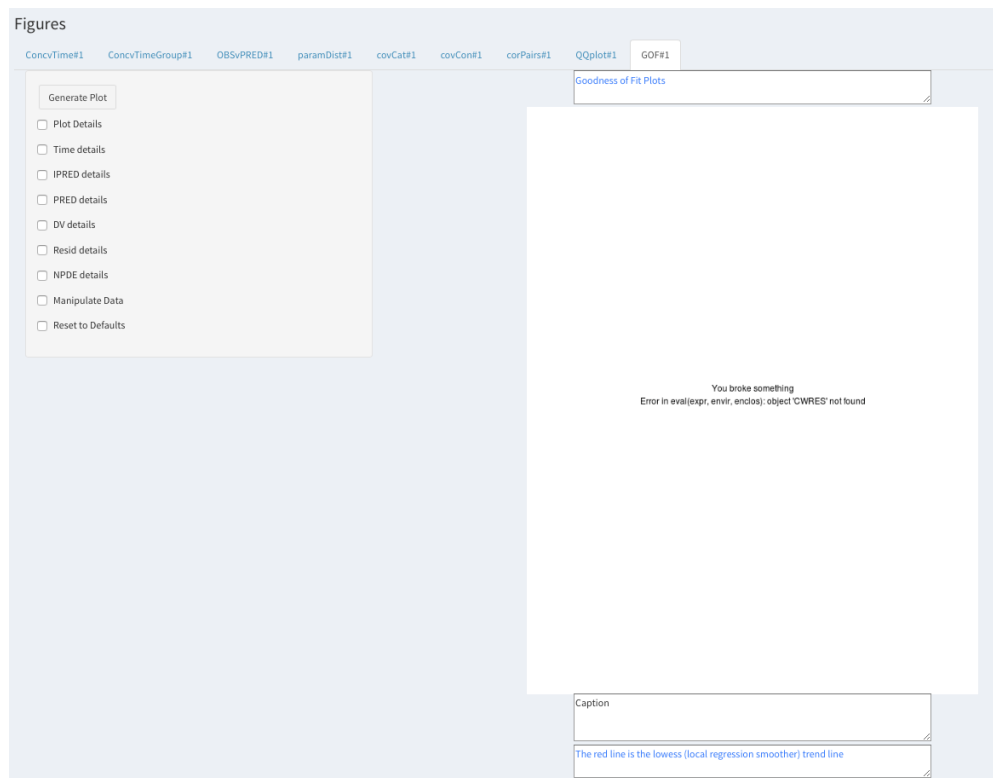


Figure 45: RID: 21 Test ID: 6



Figure 46: RID: 22 Test ID: 2

Analysis Selection

[PKInputFigures](#)
[Listings](#)
[ModelFigures](#)
[Tables](#)

Observed Versus Predicted

Parameter Distribution

Categorical Covariance

Continuous Covariance

Figure 47: RID: 23 Test ID: 1

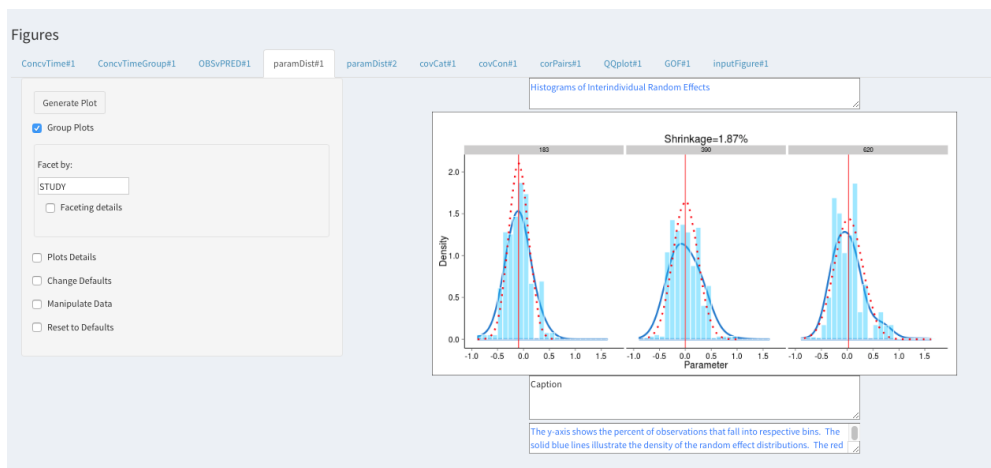


Figure 48: RID: 23 Test ID: 1

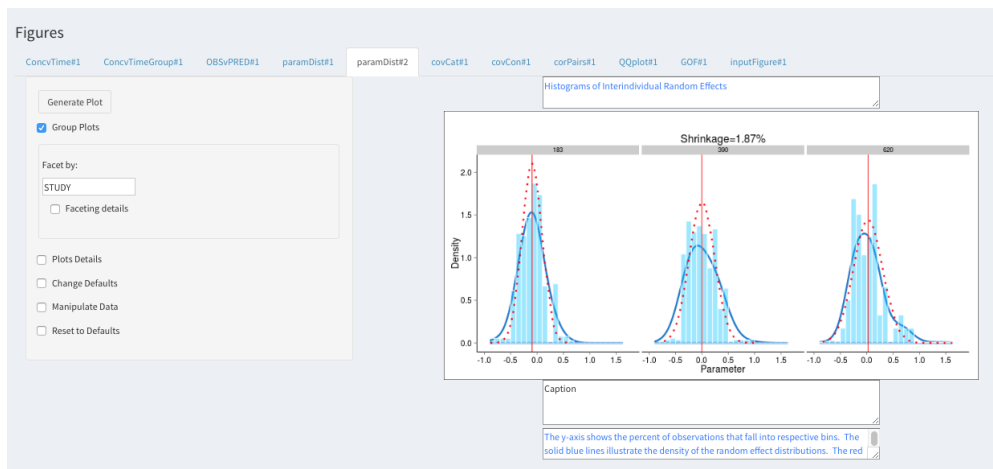


Figure 49: RID: 23 Test ID: 1