

CONFIDENTIAL

Testing protocol: Listings

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Definitions

Purpose

To validate Listings requirement of the Pharmacometrics TFL Generator app.

Figures

The application includes numerous listings for summarizing model development and evaluation, including:

- Concentration vs Time Multipanel plots
- Subject exclusions tables
- Observation exclusions tables
- Text file listing from disk

For all of these objects, all inputs are checked to ensure that the the output is reactive to the input. Screenshots are used to document evidence of this.

Figure from disk

The user may alternatively point to a file on disk to be included in the output RTF file. In this step, a PNG figure is read from disk and it is verified that a preview is displayed to the user. Evidence is again documented via screenshot.

Testing procedures

Testing procedures are outlined in the attached testing document.

References and supporting documents

- Requirements document and overview: `tflgenerator_Requirements_R2.pdf`

Testing log

RID	Topic	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
30	Concentration vs Time Multipanel Plots	1	Create listing panel: Analysis Selection -> Listings -> Serum Concentration Versus Time-Multipanel to 1	ConcvTimeMult panel created in Listings		
		2	Figure renders and respects inputs for specific ID's	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		3	Figure renders and respects input for all ID's	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		4	Figure renders and respects input for rows, columns, and page to display	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		5	Figure renders and respects input for Plots Details	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		6	Figure renders and respects input for Change Defaults	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		7	Figure renders and respects input for Manipulate data	Plot is updated, respecting inputs. Screenshot(s) as evidence		
		8	Reset button resets defaults	Options are updated, respecting inputs. Screenshot(s) as evidence		
31	Image listing from disk	1	Create table panel: Analysis Selection -> Listings -> Listing from disk (table or figure as png) to 1	inputTable panel created in Tables		
		2	Table image is read from disk and displayed. Enter File location: /data/tfgenerator/NMStorage/table.png	Image from disk is rendered		
		3	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence		
32	Text listing from disk	1	Create table panel: Analysis Selection -> Listings -> Listing from disk (text file) to 1	inputTable_text panel created in Tables		
		2	Text file is read from disk and displayed. Enter File location: /data/tfgenerator/NMStorage/0069/0069.cdf	Control file is read and rendered as verbatim text		
		3	Reset button clears selections	Plot is updated, respecting inputs. Screenshot as evidence		
33	Subject exclusions table	1	Create table panel: Analysis Selection -> Listings -> Subject exclusions listing to 1	subjectExclusionsTab panel created in Tables		

RID	Topic	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
		2	Additional columns are displayed when requested. Enter into "Columns" box: STUDY;Study DOSE;Dose ROUTE;Route	Extra columns rendered in display		
		3	Reset button clears selections	Plot is updated, respecting inputs. Screencap as evidence		
34	Observation exclusions table	1	Create table panel: Analysis Selection -> Listings -> Subject exclusions listing to 1	observationExclusionsTab panel created in Tables		
		2	Additional columns are displayed when requested. Enter into "Columns" box: STUDY;Study DOSE;Dose ROUT;Route DV;DV	Extra columns rendered in display		
		3	Reset button clears selections	Plot is updated, respecting inputs. Screencap as evidence		