The CKD qualification report is generated automatically by running the matlab script “Wokflow.m”, which is saved in the folder “CKD report\Evaluation”.

The content of the CKD qualification report is determined by two types of input files: PK-Sim project snapshots, which are used to generate the figures and captions of the report, and various markdown files used to generate the surrounding text.

PK-Sim snapshots are saved in the “CKD report” folder. You should not need to manually edit these files except to update captions. Captions can also be changed by modifying the “Title” field of the plot in the original PK-Sim file.

The markdown files which generate the text of the report are saved in “CKD report\Evaluation\Input\Content”.

Additionally, two images, which must be added manually to the report after it is generated, are stored in “CKD report\Evaluation”. To add these to the report, simply copy the files into the same folder as the markdown report generated by Workflow.m.

The report is structured according to the qualification plan, which is a json file stored in “CKD report\Evaluation\Input”. There are two json files in this folder, and which file is used will depend on the variable “qualificationPlanName” in Workflow.m

“CKD\_rough.json” does not include figures for Pindolol, while “CKD\_rough\_temp.json” does. The current PK-Sim snapshot for Pindolol appears to be incompatible with the matlab script, so until a more up-to-date snapshot is created, “CKD\_rough.json” must be used.

Workflow.m contains three other variables that should be updated: qualificationRunnerFolder, markdownJoinerFolder, and basisDir. These specify the locations of the Qualification Runner, Markdown Joiner, and the base directory (<some path>\CKD report\Evaluation). The Qualification Runner and Markdown Joiner must be downloaded separately. For more information, see https://docs.open-systems-pharmacology.org/shared-tools-and-example-workflows/qualification