

README for public_code files in support of Issue Paper Sections 2.3.4-2.3.6 on DNT-NAMs

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- Public_code/R: In this folder, find three (3) .R files that correspond to the analyses in Sections 2.3.4, 2.3.5, and 2.3.6. The code relies very heavily on understanding of the ToxCast Pipeline (tcpl) R package and data structure (<https://cran.r-project.org/web/packages/tcpl/index.html>) and the high-throughput toxicokinetics (HTTK) R package (including models and data) (<https://cran.r-project.org/web/packages/httk/index.html>).
- Public_code/source: These .RData files contain the data needed to run the .R files in the public_code/R folder.
- Public_code/output: Outputs, including .xlsx and .csv files created by the .R files, are deposited here.
 - A subfolder, public_code/output/figures, contain the figures output by the .R files. An additional subfolder, public_code/output/toxcast_curvefits_hitc1, contains the tcpl-format plots for any positive (hitcall=1) assay endpoint.
 - The plots were generated and saved on a by-chemical basis for the DNT-NAMs in this Issue Paper.