The “CEB Analyses 6082020.zip” file includes 5 folders (Diagnostics, kapp data, NLMIXED ki, Plots of Ratios, and SAS code Final Models), 1 Excel file (*Summarized results\_v3.xlsx*), and this ReadMe file.

* The folder “*Diagnostics*”: contains all the results of regression diagnostics.  Each .rtf file was for one model/data analysis.  The plots of individual sample curves of each chemical were also included in this folder.   All of these figures were also compiled into the Excel file.
* The folder “*kapp data*”: contains the data of all chemicals.  These kapp data were analyzed using NLMIXED models.
* The folder “*NLMIXED ki*”: contains the SAS datasets of ki values estimated from the human vs. rat models.  These ki values were used to estimate the coverage ratio of the ki distributions.
* The folder “*Plots of Ratios*”: contains 4 figures of human/rat ratios, adult/infant ratios, male/female ratios, and Caucasian/others ratios.  All of these figures were also compiled into the Excel file.
* The folder “*SAS code Final Models*”: contains all the SAS programs:
  + 16 SAS programs for the **final models** of 16 chemicals + 16 SAS logs + 16 SAS outputs of only final selected models.  These files were named as chemical names.  All the results of these comparisons were also compiled into the Excel file.
  + 1 SAS file “*Diagnostics.sas*”: SAS macros for regression diagnostics, plots of individual sample curves, and calculating ki values.
  + 1 SAS file “*NLMIXED ki distributions.sas*” to calculate the coverage ratio of ki values, using ki values from “NLMIXED ki” folder.  All of the results of coverage ratios of ki values were compiled into the Excel file.
  + 1 SAS file SAS file “*Plot Ratios.sas*” to create the figures of ratios in the “Plots of Ratios” folder.
* The Excel file “*Summarized results\_v3.xlsx*” contains the clean results of all analysis comparisons, comments about the models, regression diagnostics, plots, and coverage ratios of ki values.