Readme for Chapter 2

Four MATLAB files are provided. One encloses the fitting of the experimental data to obtain the unknown kinetic parameters (“BB\_Fitting.m”), and the other three (“BB\_Jourdin2018.m”, “BB\_Jourdin2019.m” and “BB\_Marshall2013.m”) were used to validate the model. Note that a working license to MATLAB is required to run the scripts, and minor modifications might be necessary to run them successfully with Python.

Three text files containing the experimental data used by the MATLAB scripts are also provided (“Lud\_exp\_data\_2018.txt”, “Lud\_exp\_data\_FRT2.txt” and “Marshall\_exp\_data.txt”).

By running the scripts, Excel documents containing exported simulation results are created. These can then be used to make the figures in Chapter 2.