

The parameter estimation problem was solved by fitting the process model to the dataset given in the Figure ???. Each time-series was fitted to the model separately. First, the classical model with linear extraction kinetic was fitted to the dataset. The Figure show the result of parameter estimation for dataset 1, which corresponds to the 313 K, 100 bar and 6.57×10^{-5} kg/s.

//Parameter_space_Linear_Model_dataset_1.pdf