Working on identifying the best type of model (OLS or ARIMA/with or without constant) and figuring out the best hyperparameters for the model (input, pred, order).

Plots:

* Different types of models
* Different prediction steps
* ~~Base model with separated simulated and predicted data.~~
* Mae for hyperparameters
  + Table
  + Heatmap
  + 1D plot

Issues:

Regularization not done on ARIMA model, do not know how.

ARIMA model does not always converge least likelihood

Gpaw Kohn-Sham does not converge, stops simulation.

LU decomposition error when creating model