```
1   Define sets of model parameter values to evaluate
2   for each parameter set do
3   │   for each resampling iteration do
4   │   │       Hold–out specific samples
5   │   │       [Optional] Pre–process the data
6   │   │       Fit the model on the remainder
7   │   │       Predict the hold–out samples
8   │   end
9   │   Calculate the average performance across hold–out predictions
10  end
11  Determine the optimal parameter set
12  Fit the final model to all the training data using the optimal parameter set
```