

Stage 1:
first learning level
simple training
and predictions $\tilde{\mathbf{y}}_m$

Model 1

Model 2

...

Model M



$I * M = \text{nb}$
predictions
($I = \text{nb instances}$)

Stage 2:
2nd learning level
optimise combination
or feed new learner

estimate this model:

$$\mathbf{y} = h(\tilde{\mathbf{y}}_1, \tilde{\mathbf{y}}_2, \dots, \tilde{\mathbf{y}}_M)$$

\hat{h} is the aggregate
meta model

Stage 3:
Forecast!
reverse operation:
two step prediction

1. Make the forecasts
at indiv. learner
level
2. Feed the forecasts
to the second
model \hat{h}