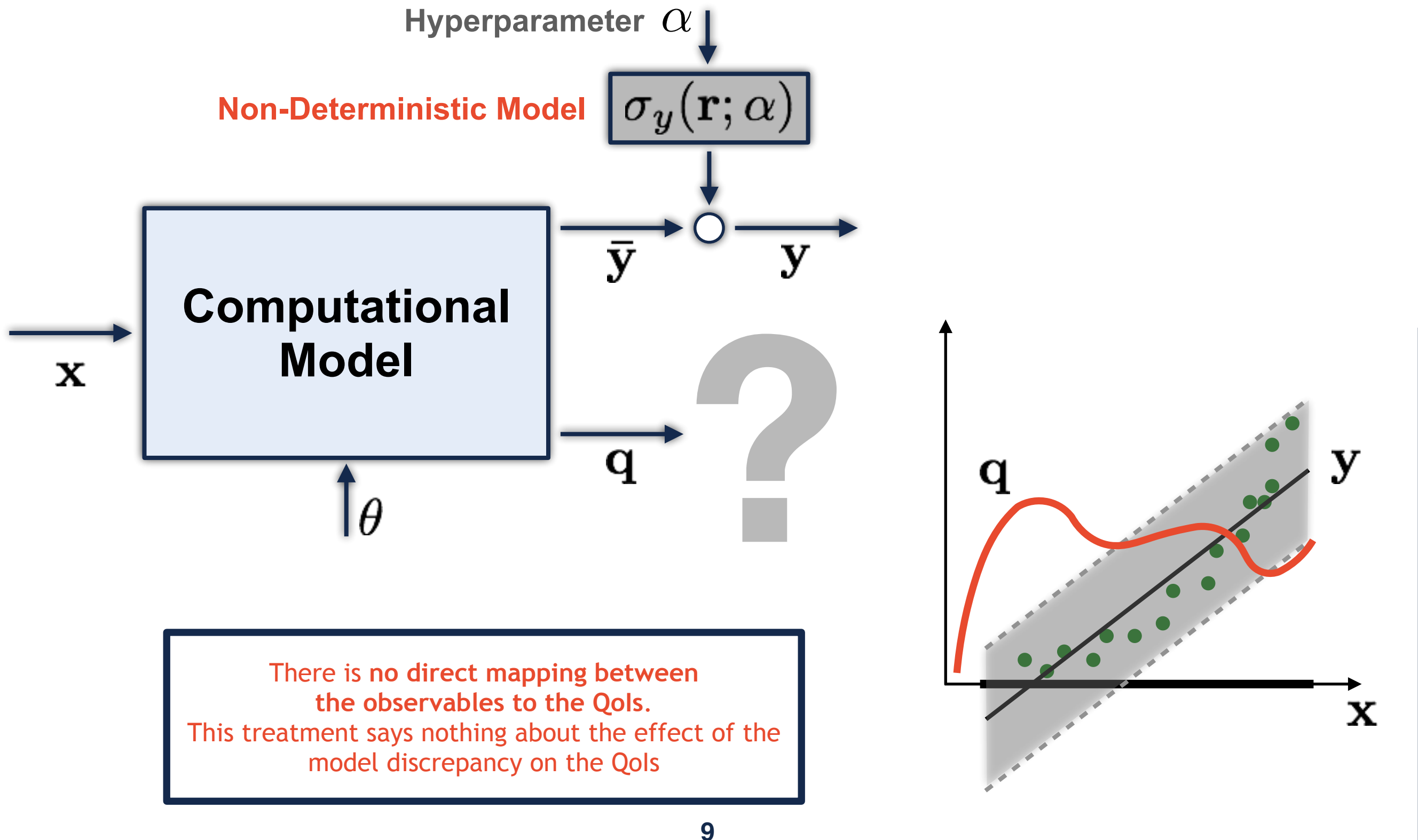


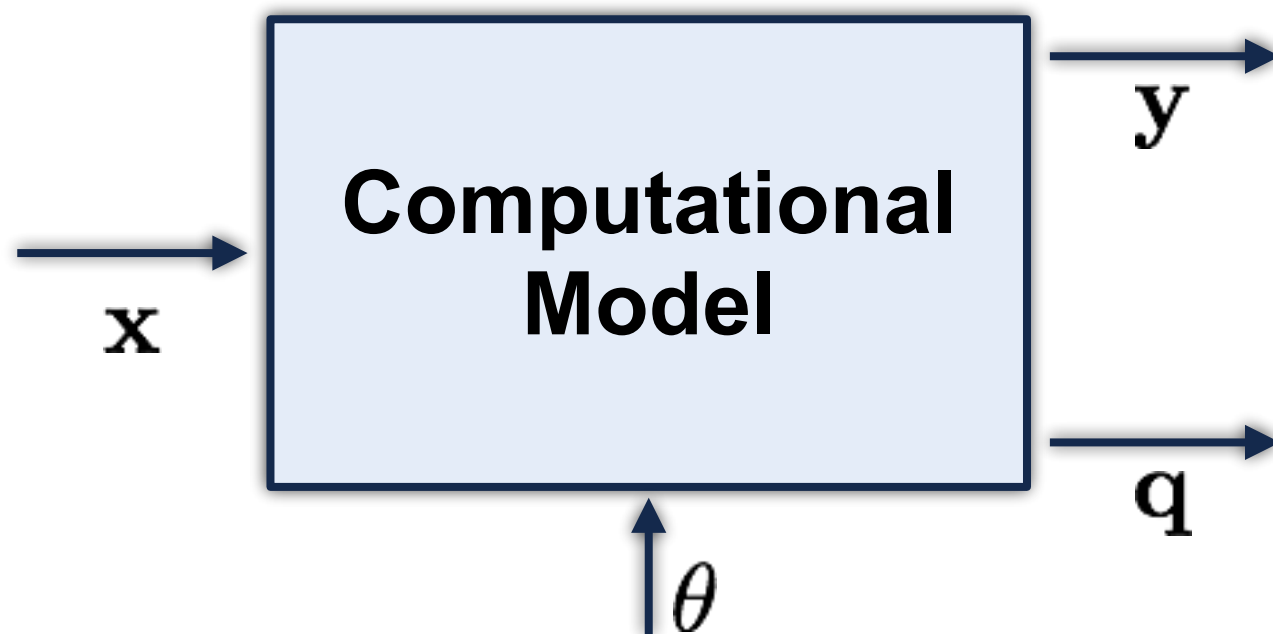
# Classic Approach to Validation

One approach [2] for taking into account the uncertainties on the predictions relies on “appending” a statistical model directly to the observable quantities:



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The causes of the difference between the true value of the real world process and the code-value are:

- Experimental or Measurement or Observation Error: ● vs - - -
- Model Uncertainty or Structural Inadequacy: - - - vs ●
- Parameter Uncertainty: — vs - - -

→ Due to Embedded Model!

