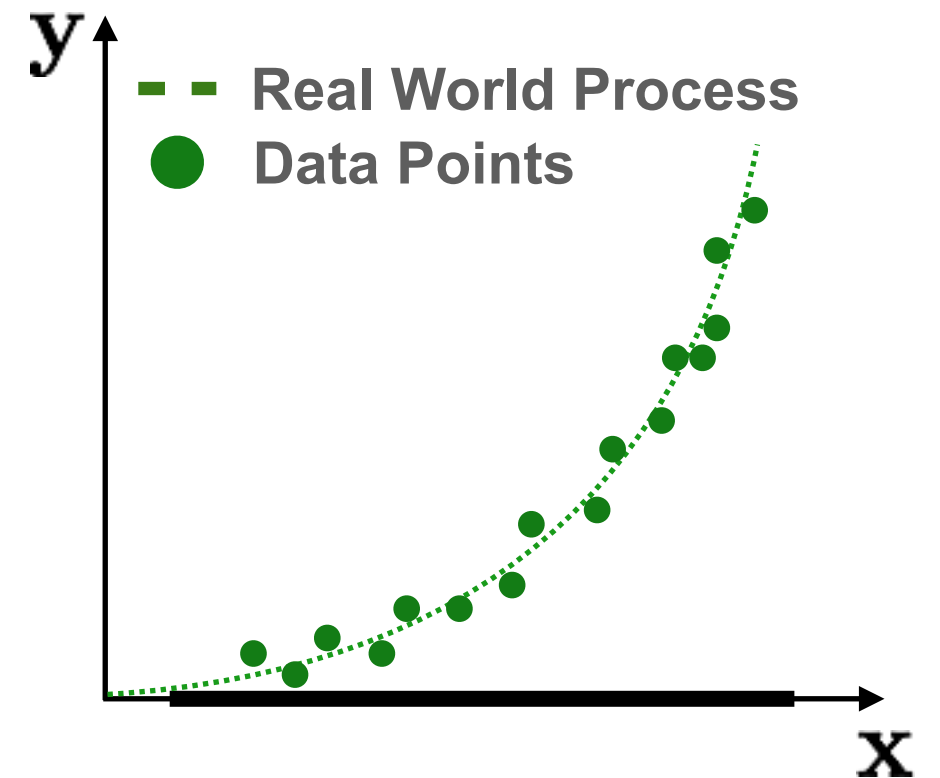
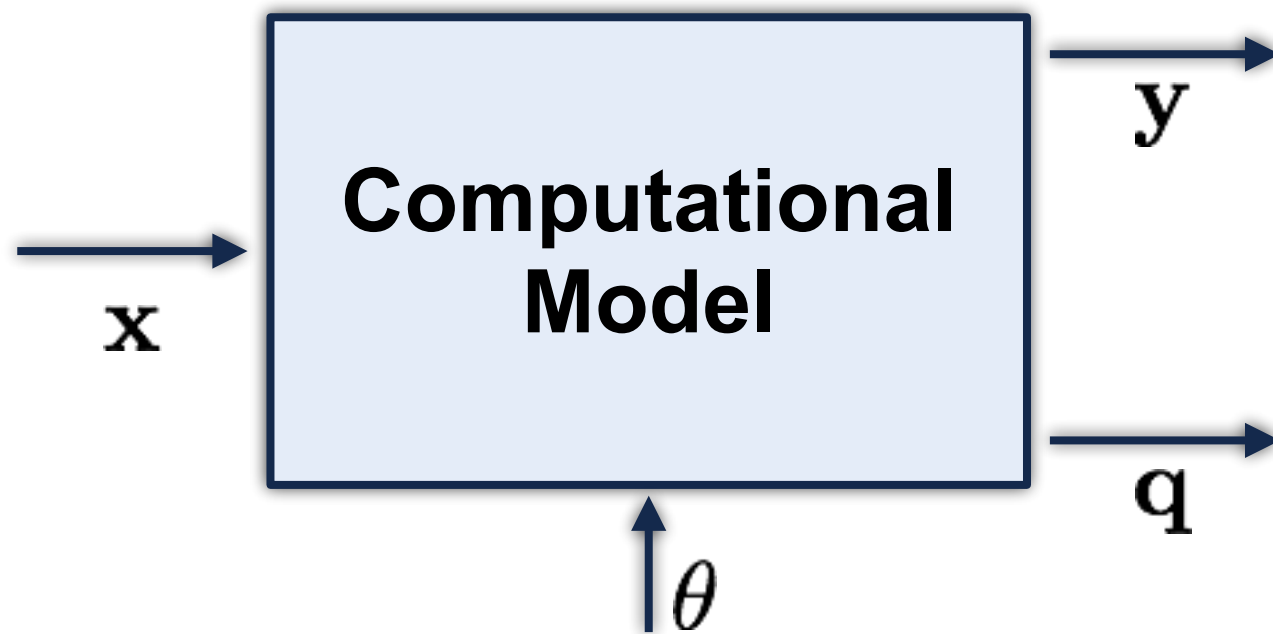


Classic Approach to Validation

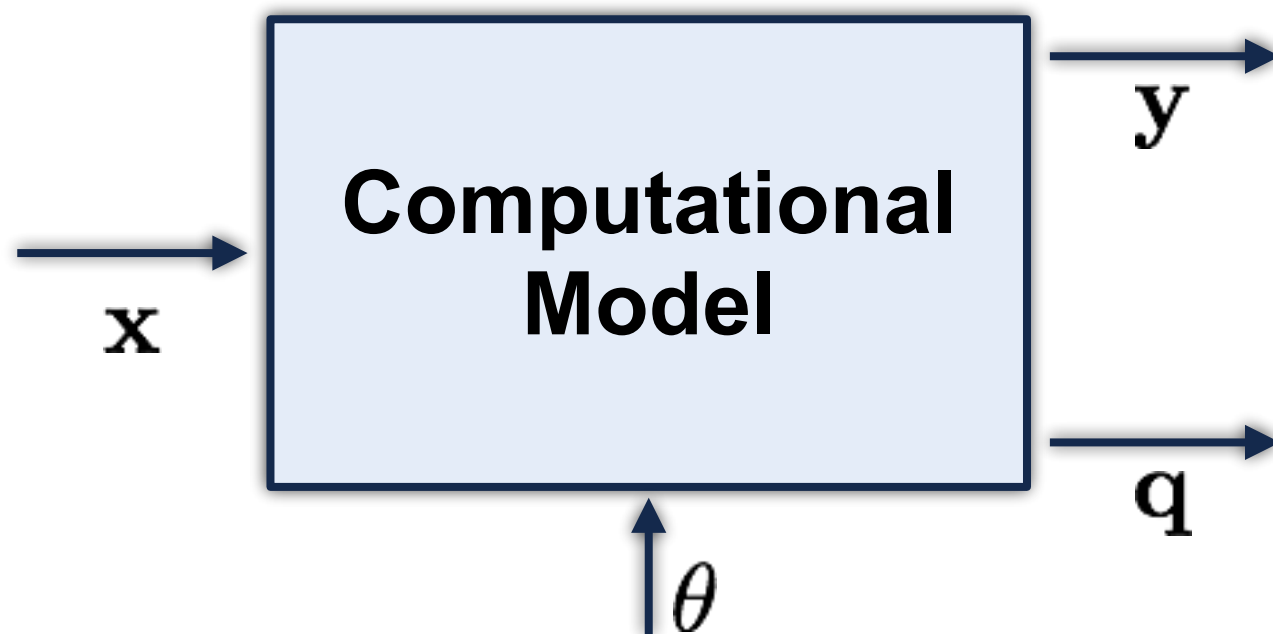
One approach [2] for taking into account the uncertainties on the predictions relies on “appending” a statistical model directly to the observable quantities:



[2] Kennedy, M.C. and O'Hagan, A., "Bayesian Calibration of Computer Models", Journal of the Royal Statistical Society: Series B, Vol. 63, 2001.

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:



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 —

