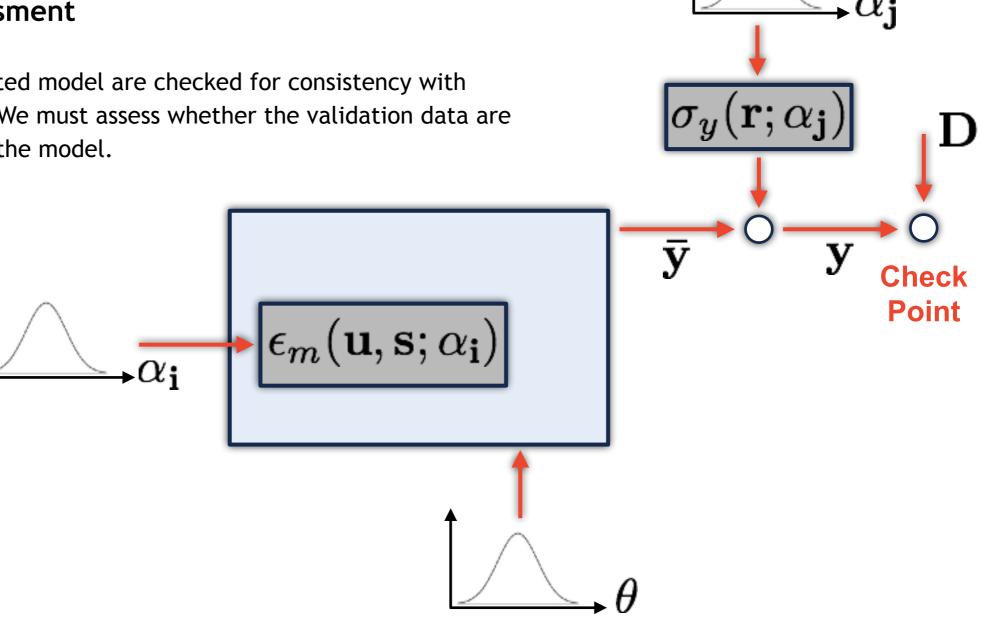
The 3-Steps Reliability Assessment

- Calibration
- Validation (or Model Prediction)
- Predictive Assessment

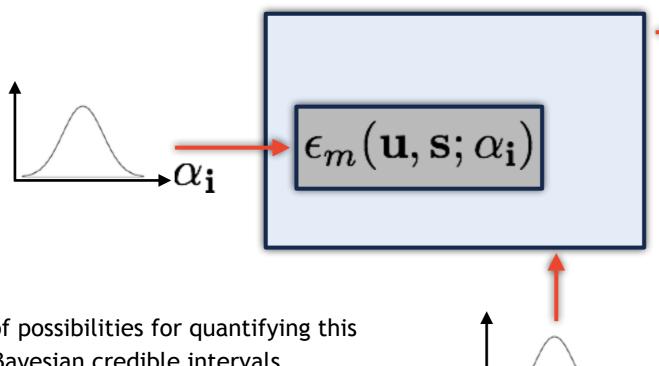
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There are number of possibilities for quantifying this plausibility, as the Bayesian credible intervals.

For example, we can use **highest posterior density (HPD)** credibility intervals.

When γ is smaller than some tolerance (e.g., 1.e-3), the data are considered an implausible outcome of the model.

