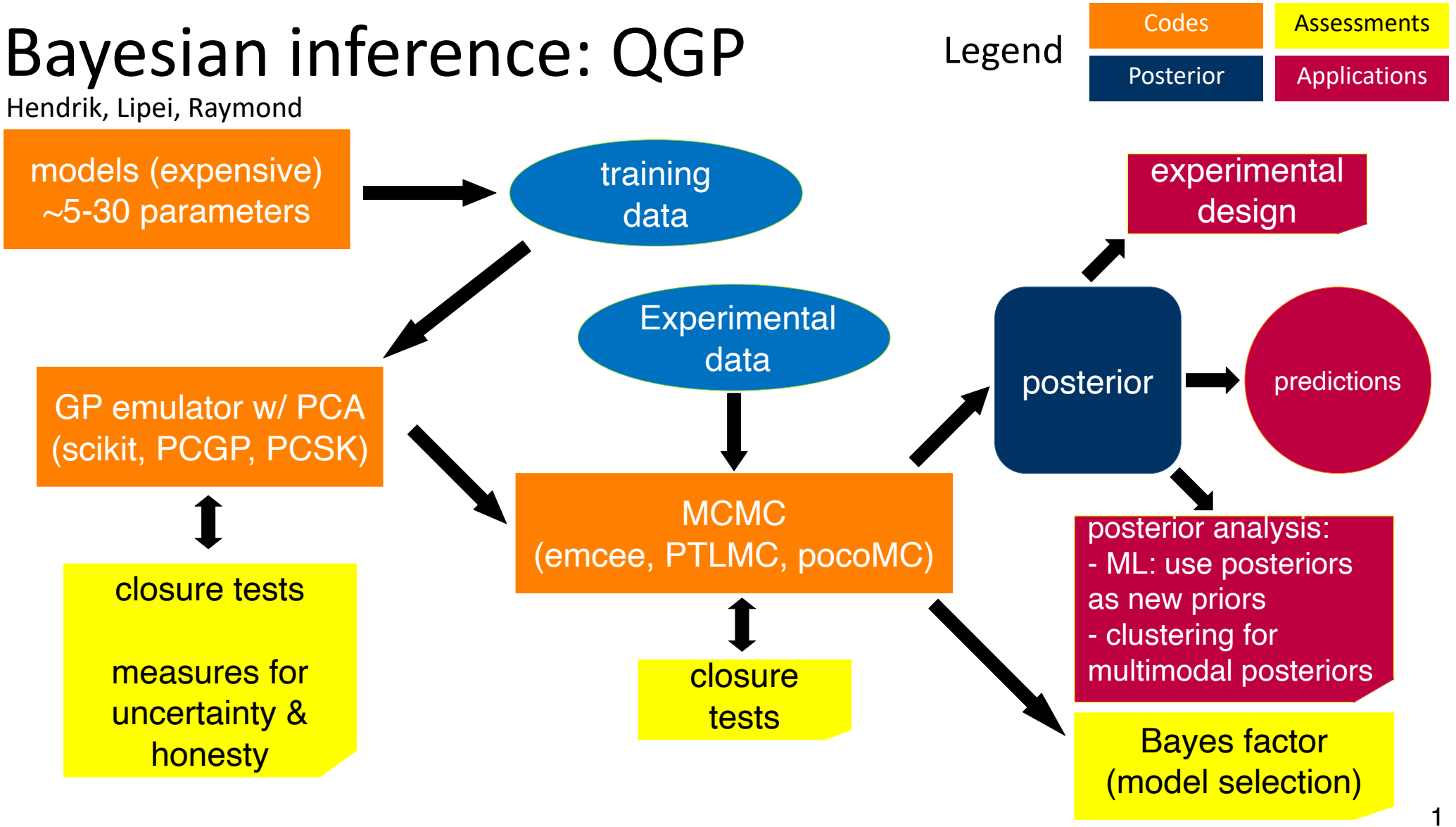
Bayesian inference: QGP

Hendrik, Lipei, Raymond



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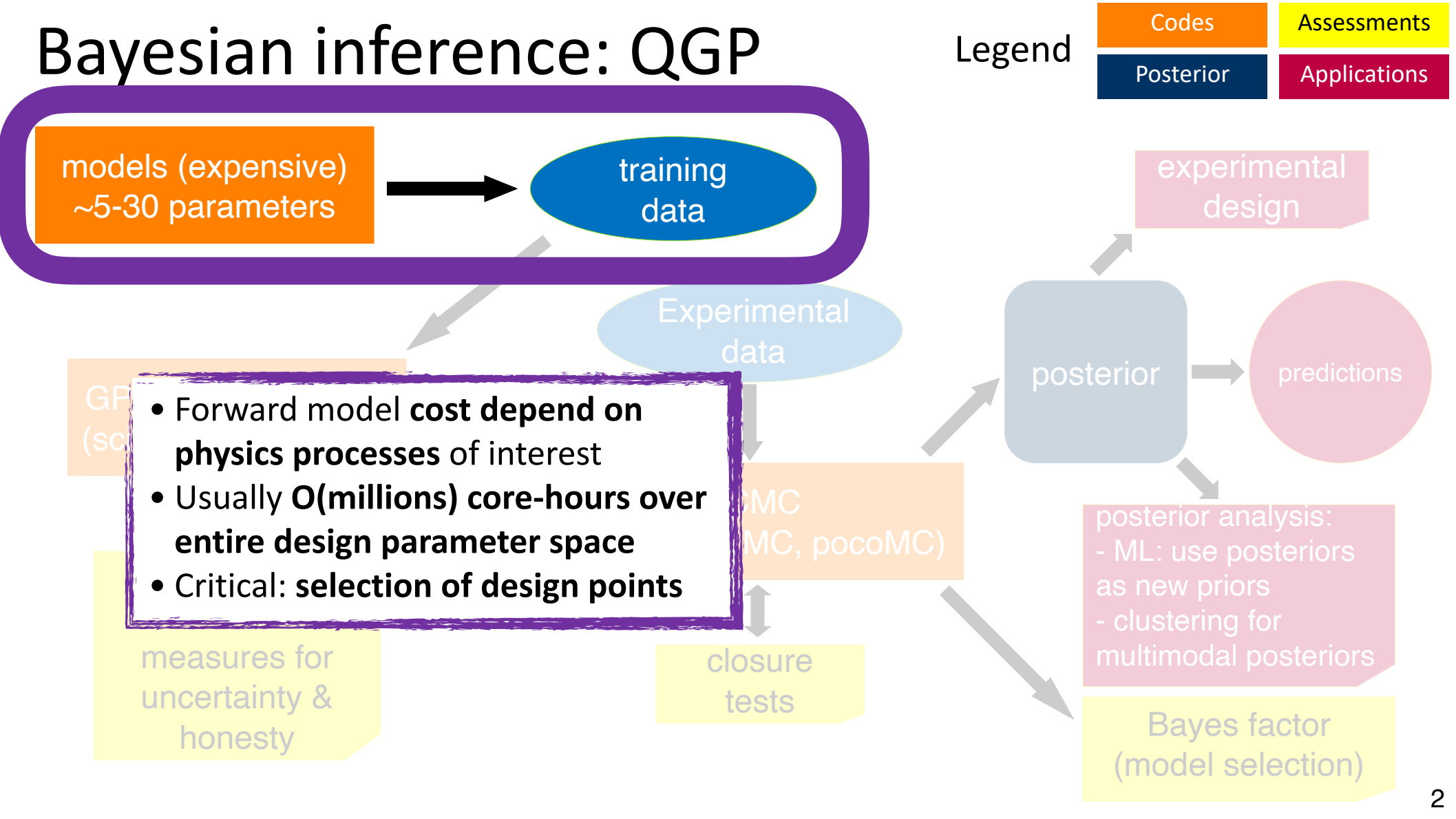

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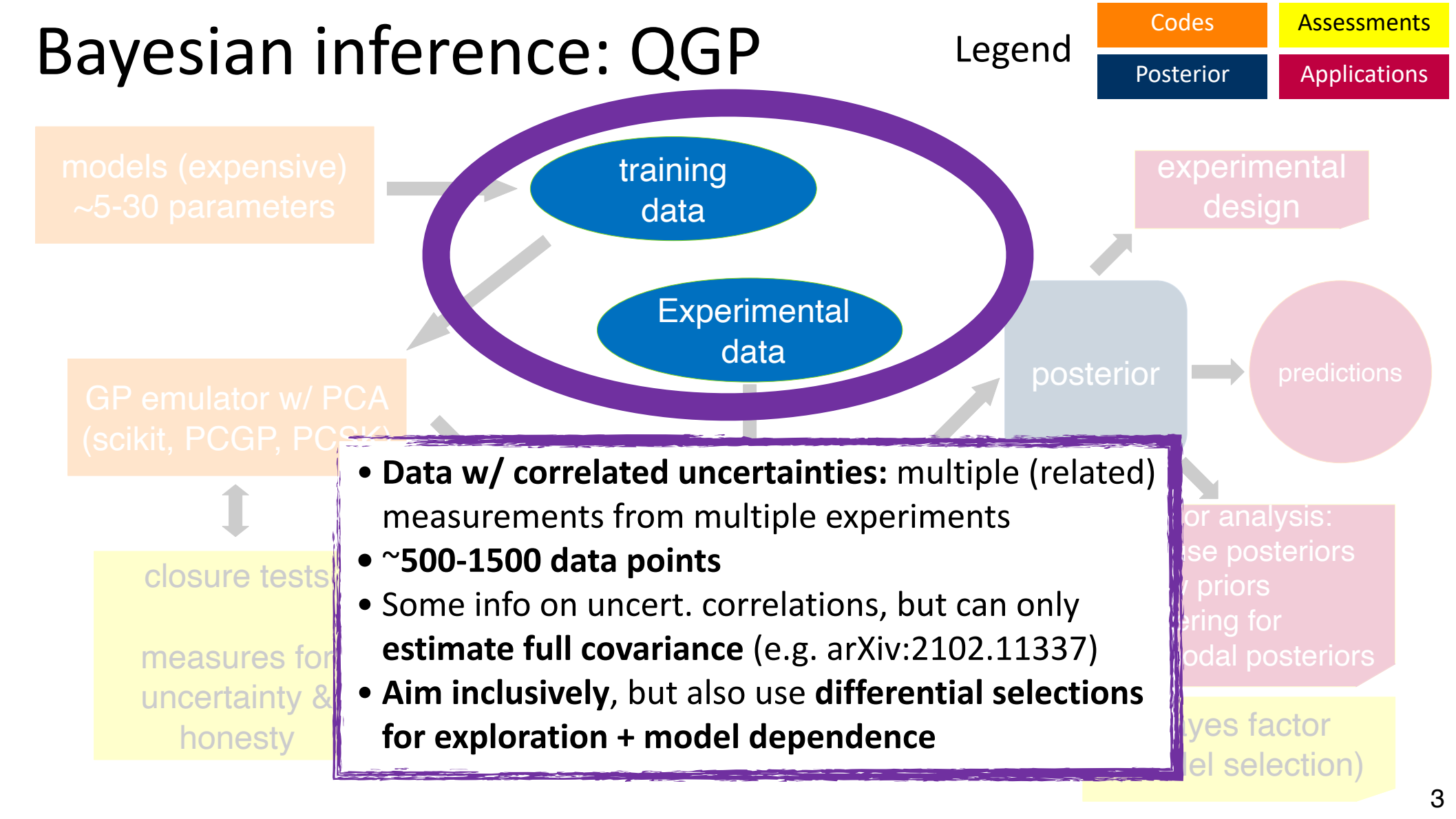

- **Data w/ correlated uncertainties:** multiple (related) measurements from multiple experiments
- **~500-1500 data points**
- Some info on uncert. correlations, but can only **estimate full covariance** (e.g. arXiv:2102.11337)
- **Aim inclusively**, but also use **differential selections for exploration + model dependence**

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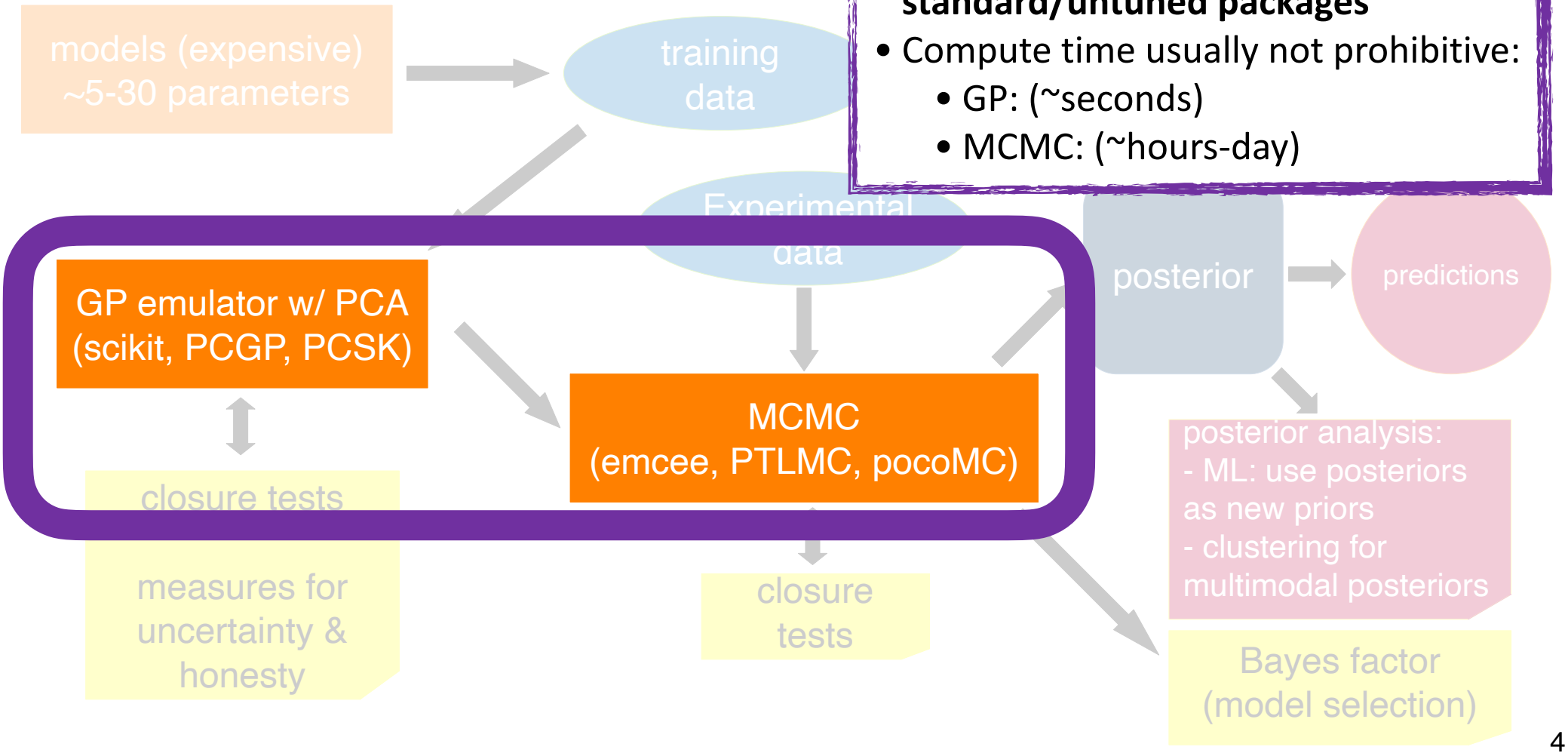
Codes | Assessments

- **So far, predominately standard/untuned packages**
- Compute time usually not prohibitive:
  - GP: (~seconds)
  - MCMC: (~hours-day)



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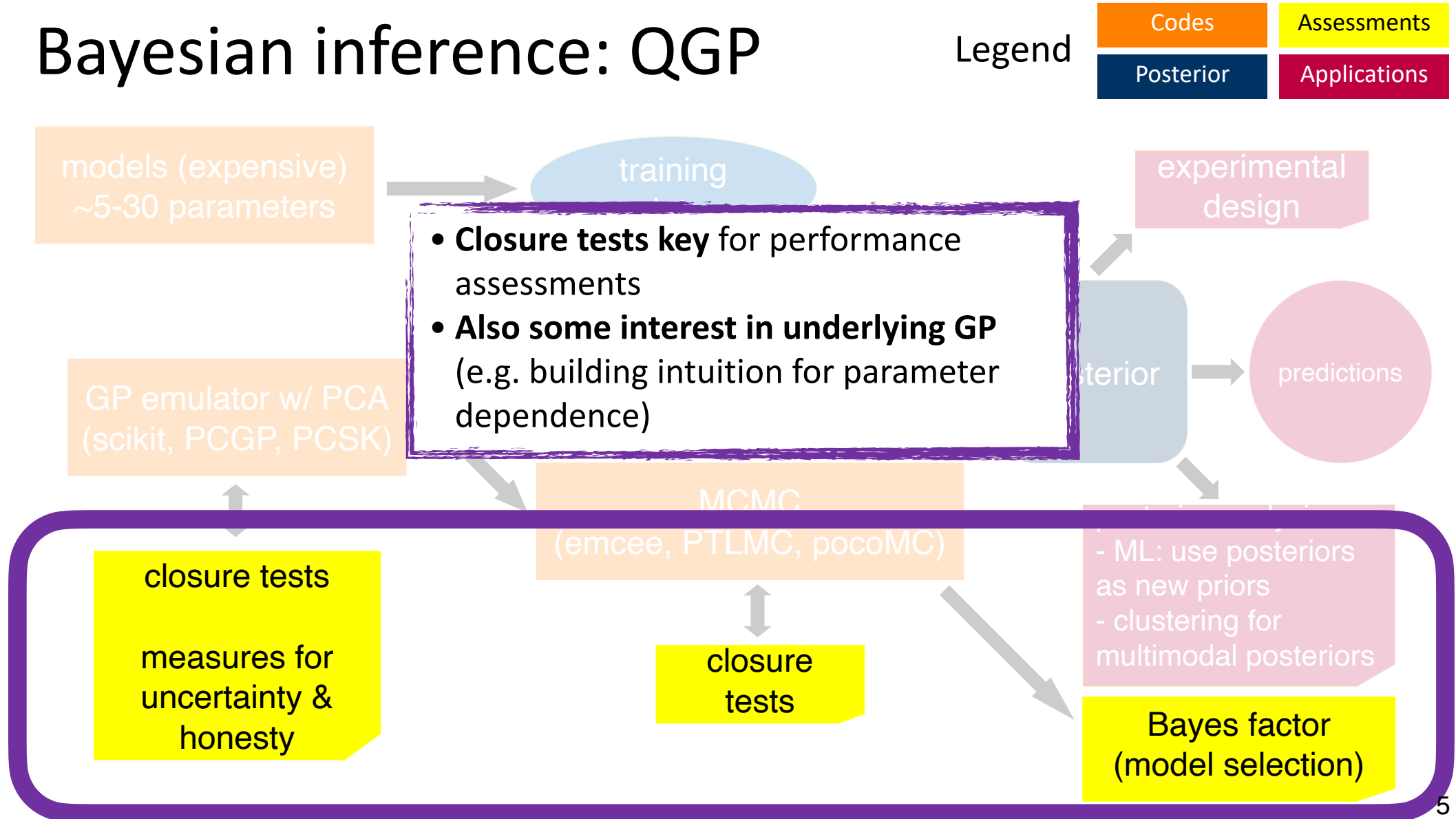

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