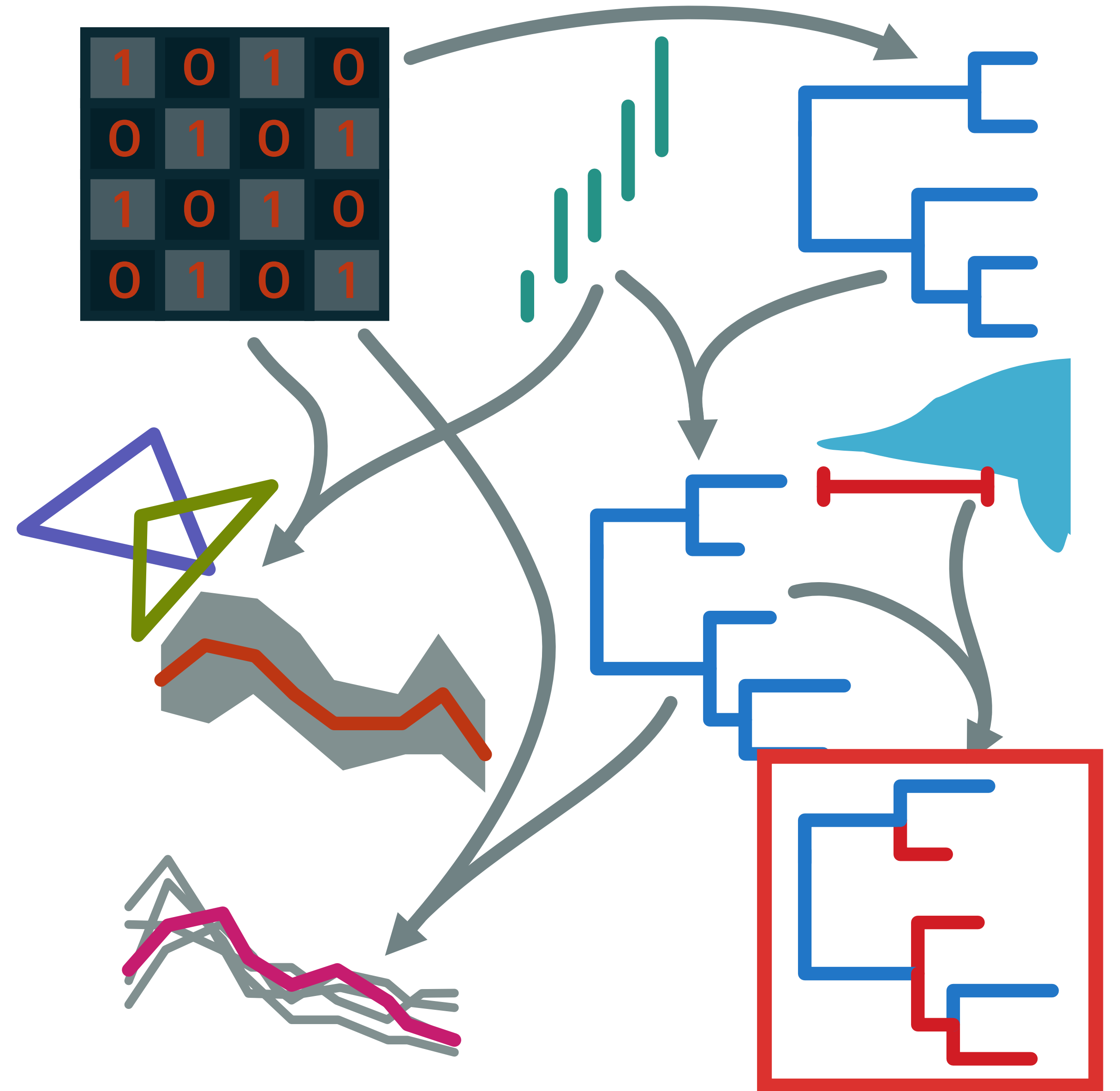# Our Research

Novel workflow

- Main inputs:
  - Morphology
  - Time ranges
  - Evolutionary trees

- Analyses:
  - R
  - Specialist open software

- Outputs:
  - Morphological variation (PCA)
  - Time-scaled trees
  - **Evolutionary rates** (time, **trees**)

Our Research

Early Burst

- **Rapid early diversification**

- Notable separation at ~200 mya

- Decline until extinction

201 million years ago