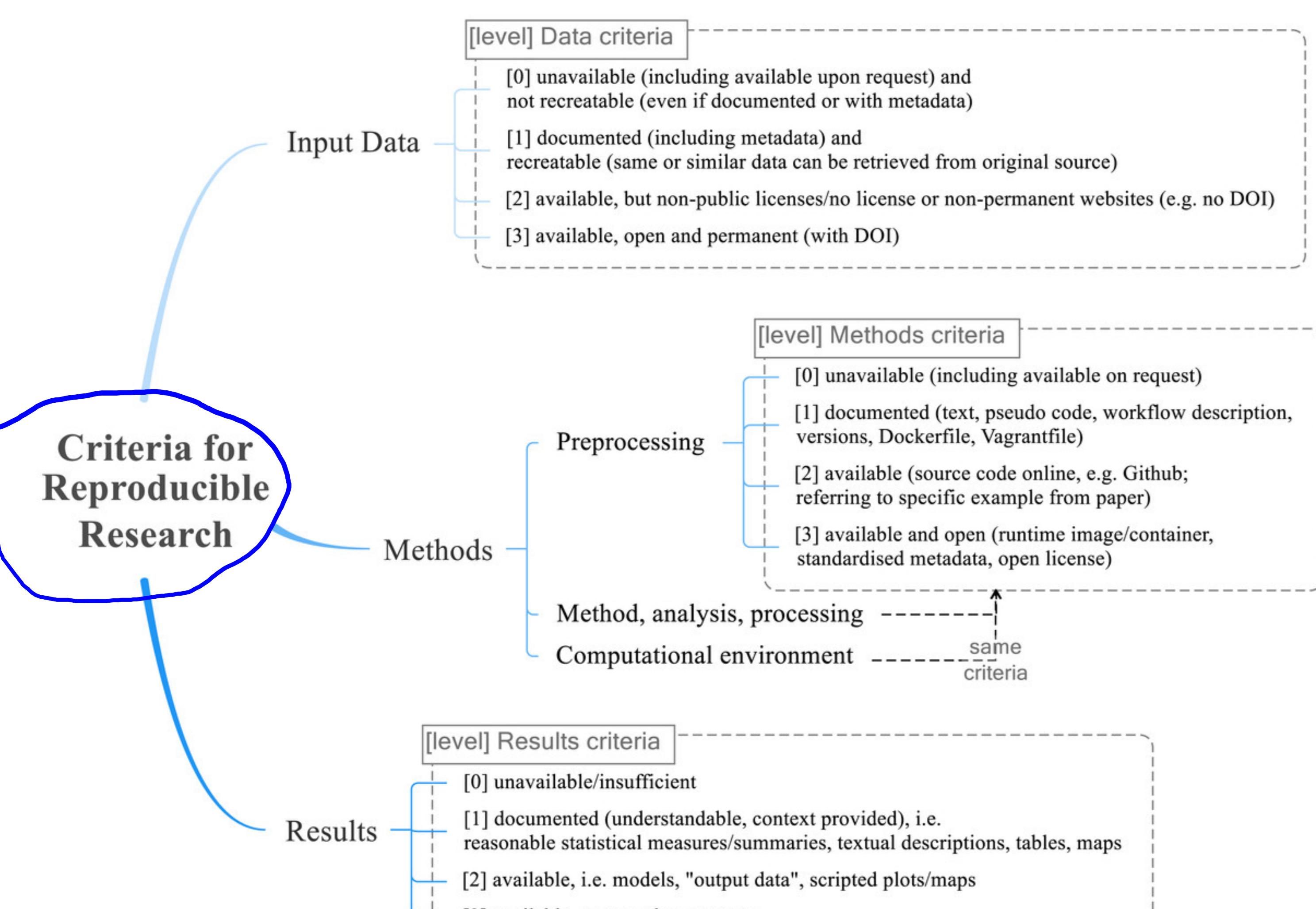


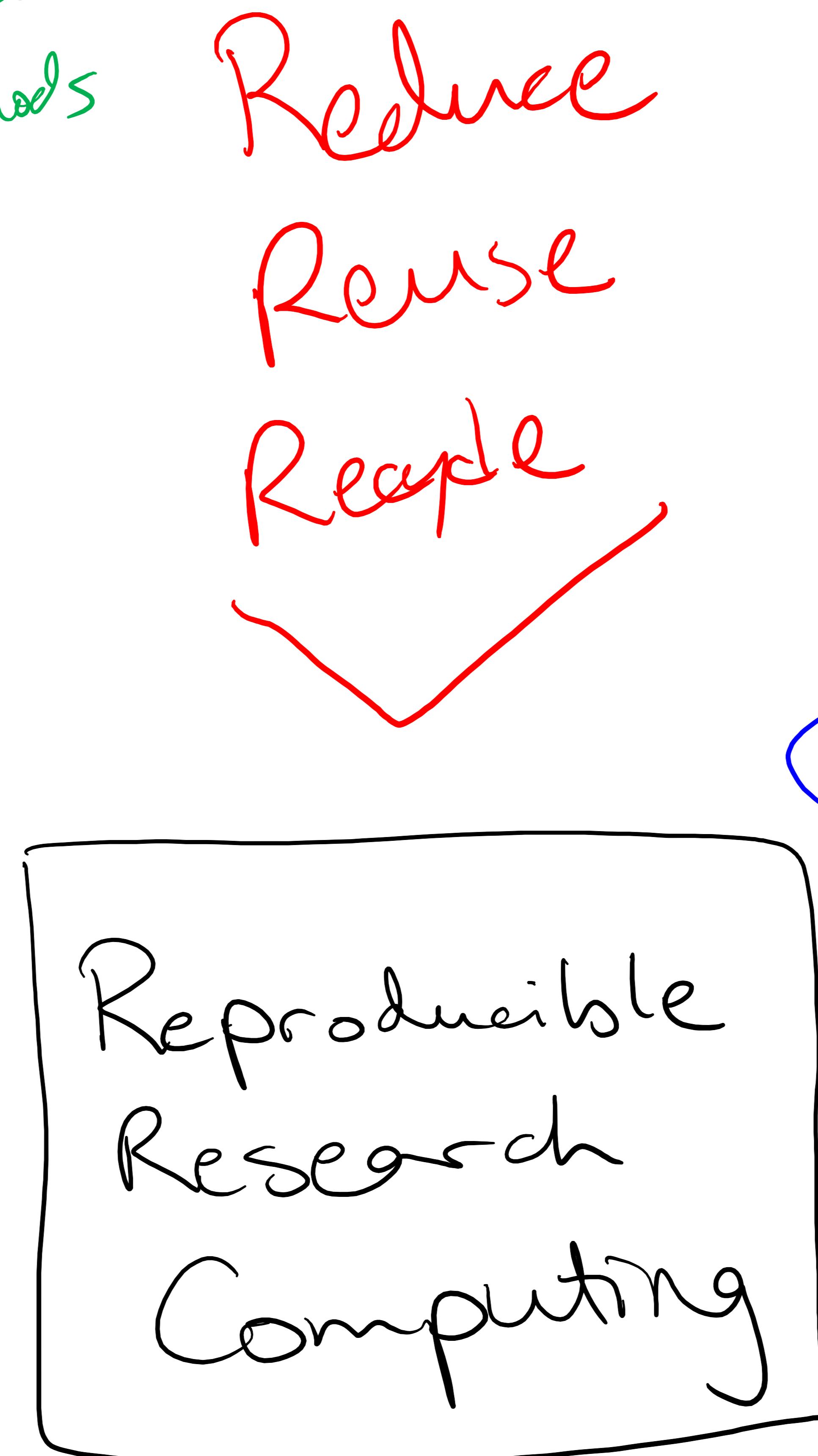
Terminology

- Reproduce: identical materials } Recreate
→ same results
- Replicate: New data, maybe new methods
→ new analysis
→ same conclusion



Tools & Techniques

- Using narrative description of code processes
- Writing script w/documentation for automate everything
- Workflow management
 - GUIs for nonexpert reuse
 - scripts/containers for code-centric virtual machines reuse



Recommendations for researchers

- Link citation to source code
- unique ID for each version
- open access to data
- licensing at time of publication
- encouraging people to reuse

Best Practices

- workflow tracking during research process
- open licensing for data AND code
- version
- Citing 3rd party software & data & using licenses properly

