BACK-TRACER

A NetLogo extension for data provenance

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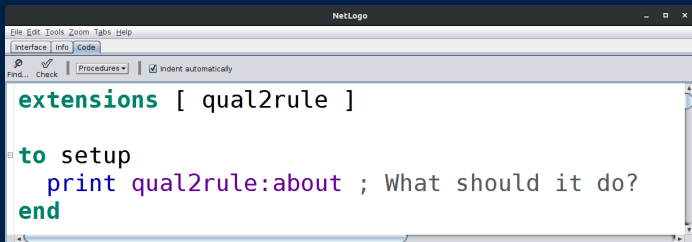
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September 21, 2019

https://payette.io

https://github.com/nicolaspayette/qual2rule

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```netlogo
extensions [ qual2rule ]

to setup
  print qual2rule:about ; What should it do?
end
```

Please take a short survey!

Qualitative survey data

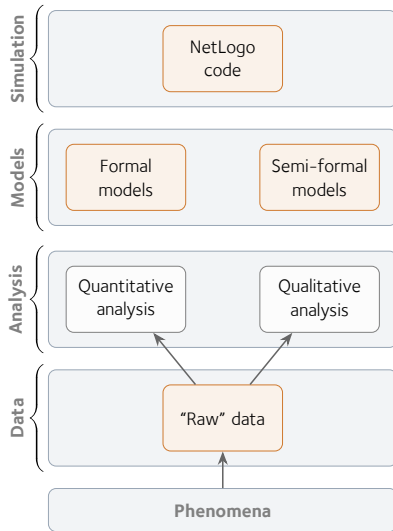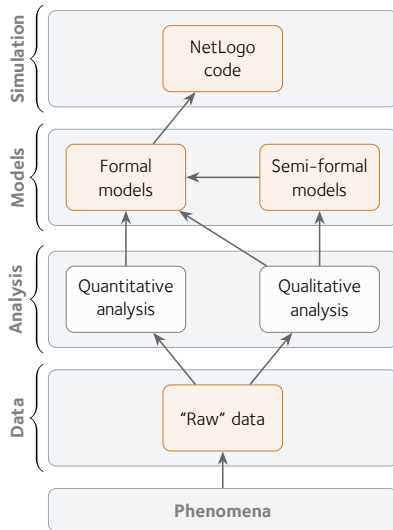$$n = 7$$

The big picture

Simulation
- NetLogo code

Models
- Formal models
- Semi-formal models

Analysis
- Quantitative analysis
- Qualitative analysis

Data
- "Raw" data

Phenomena

The big picture

In your ideal world, what would a `qual2rule` **NetLogo extension** do?

- ▶ "link bits of code to some text (maybe in Infotab) and back again? Or... faciltates some of the qualitative analytic frameworks to aid translation into code"
- ▶ "Provide data traceability (e.g. link specific theory, to specific qualitative data, to specific model specification, to specific agent behaviour)."
- ▶ "Help with systematic documentation of data use (especially of the qualitative data). Here, maybe something can be done to extend the ODD protocol."
- ▶ "Possibly provide a kind of link to qualitative data analysis software (e.g. Nvivo, Atlas.ti) in a similar way a link to GIS and R is provided."