

# holistic, meaningful, actionable models of health

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# holistic, meaningful, actionable models

healthcare clinical  
patient-generated clinical  
behavior  
social environment  
environment  
...

heterogeneous  
temporal  
sampled at different resolutions  
biased, incl. uncertain

# holistic, meaningful, actionable models

- Scalable
  - Gather evidence from small and large cohorts
  - Capture interactions amongst outcomes
- Computationally feasible
- Adaptable
- Interpretable?
- Evaluation
  - From validating to understanding added value