
Interpretable Models for Complex Health Data

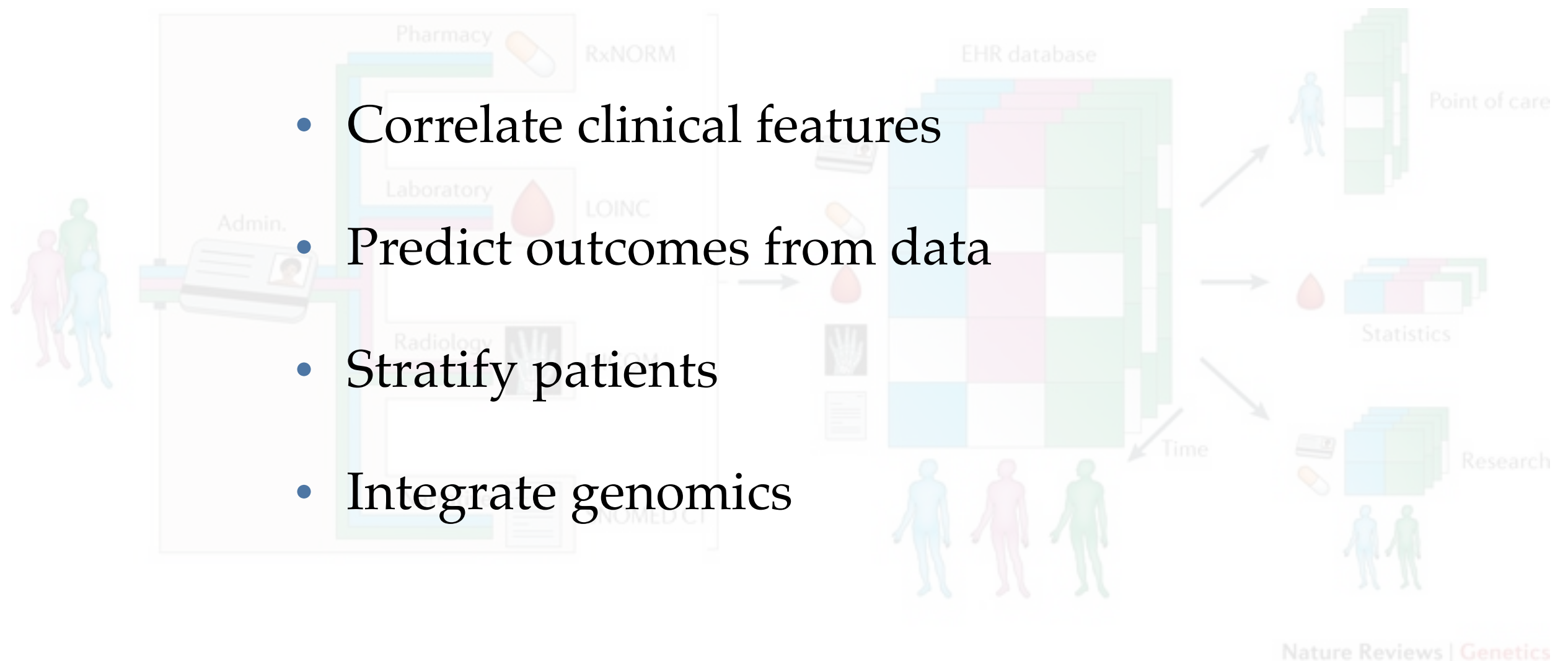
Joyce Ho

My Research Interests

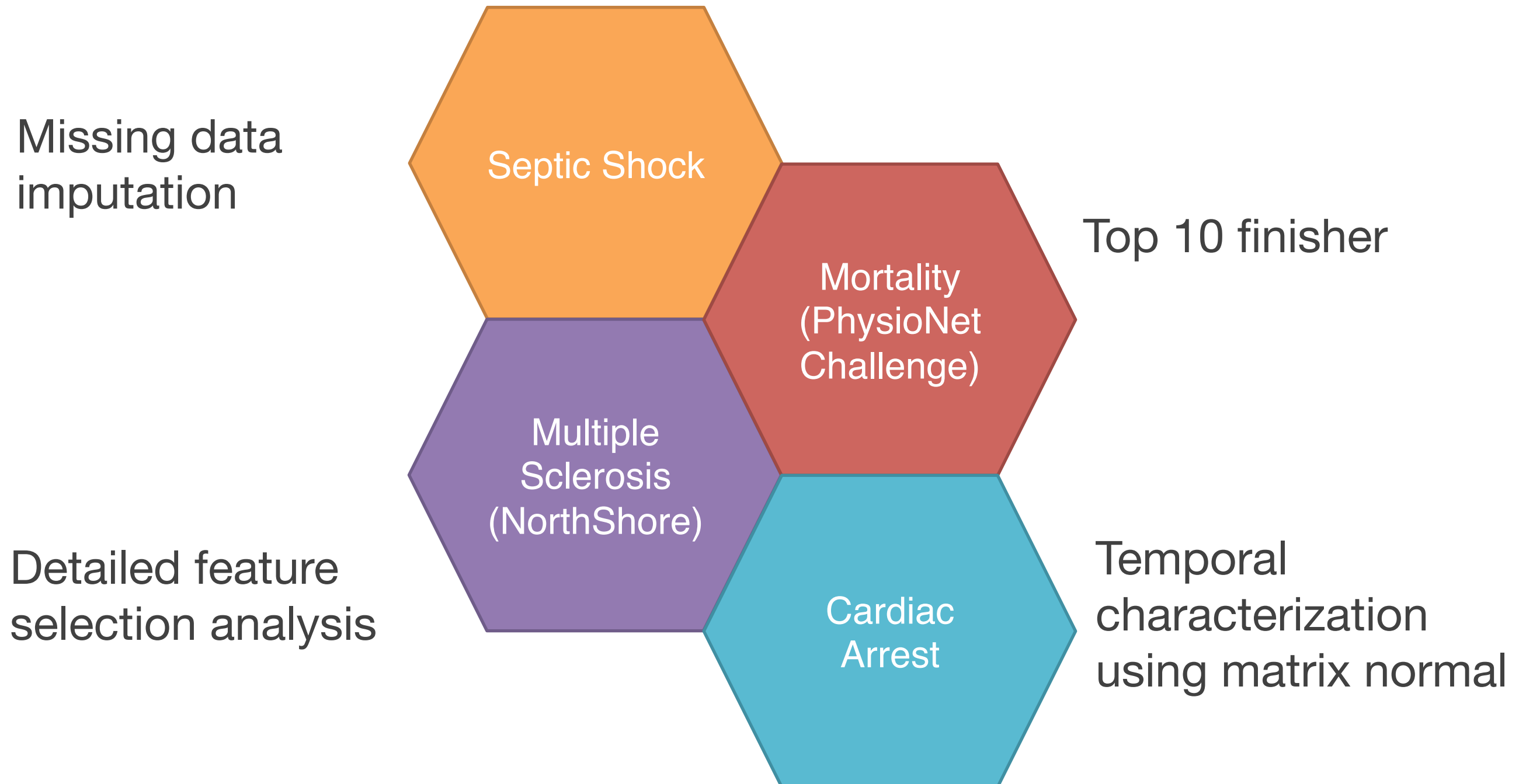


Electronic Health Records (EHRs)

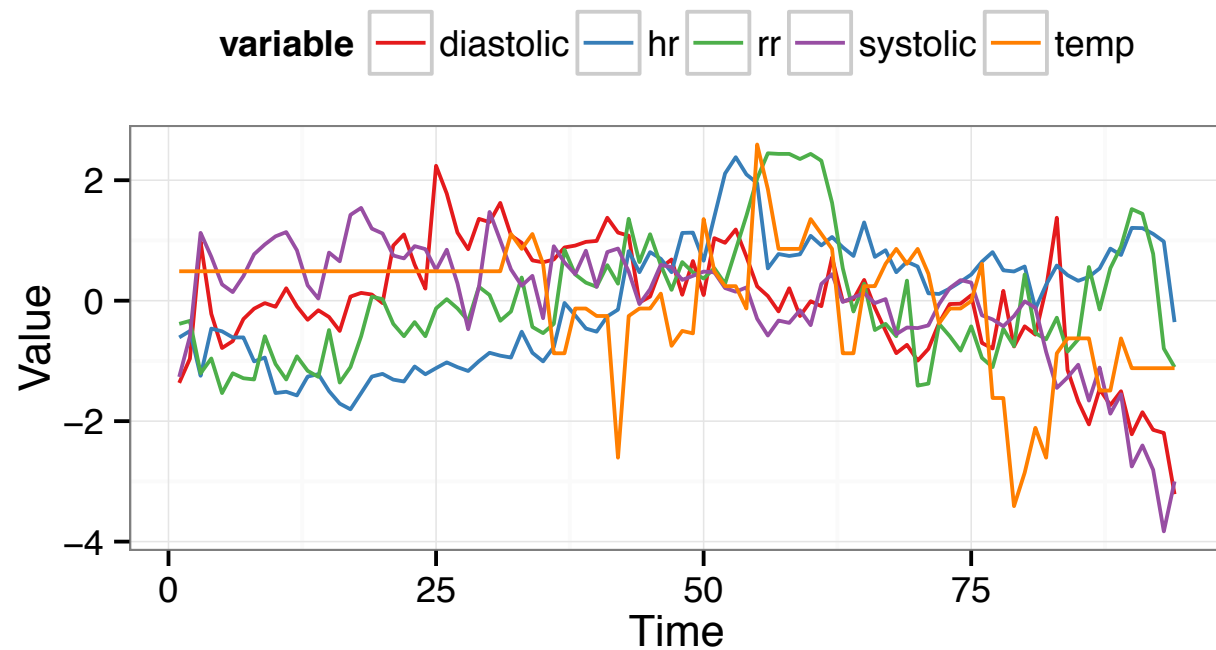
- Correlate clinical features
- Predict outcomes from data
- Stratify patients
- Integrate genomics



Disease-Specific Risk Prediction

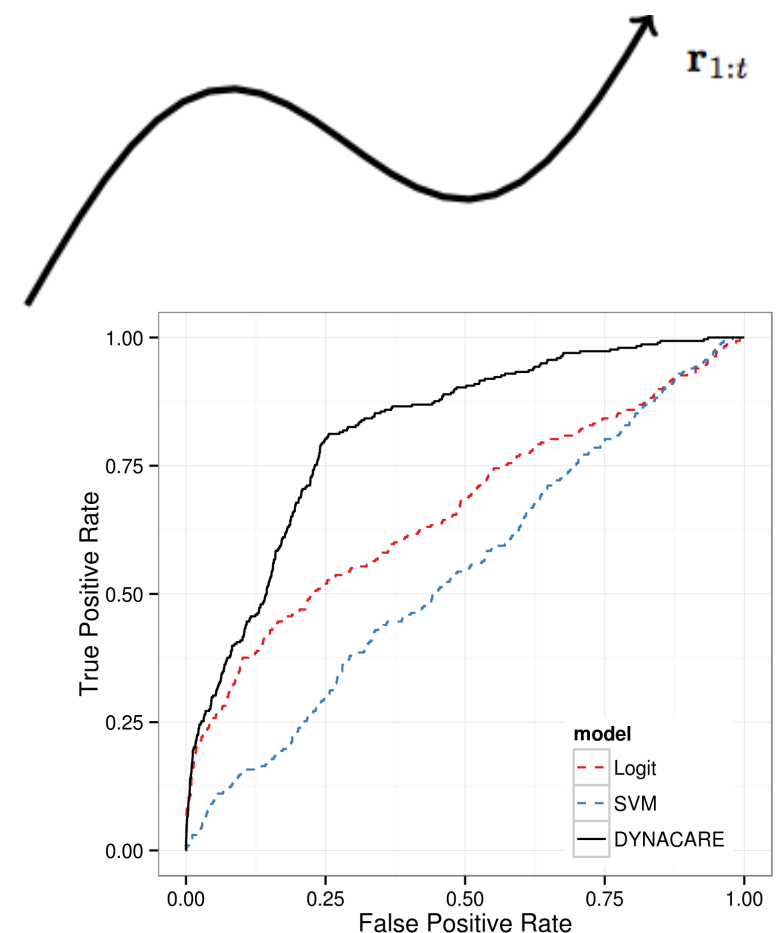


DYNACARE: Cardiac Arrest Risk Estimation



temporal data across
different measurements

single estimate of cardiac
arrest risk with better
predictive performance



Dimensionality Reduction for EHR Tensors

