A NEURAL NETWORK APPROACH TO PSYCHIATRIC COMORBIDITY
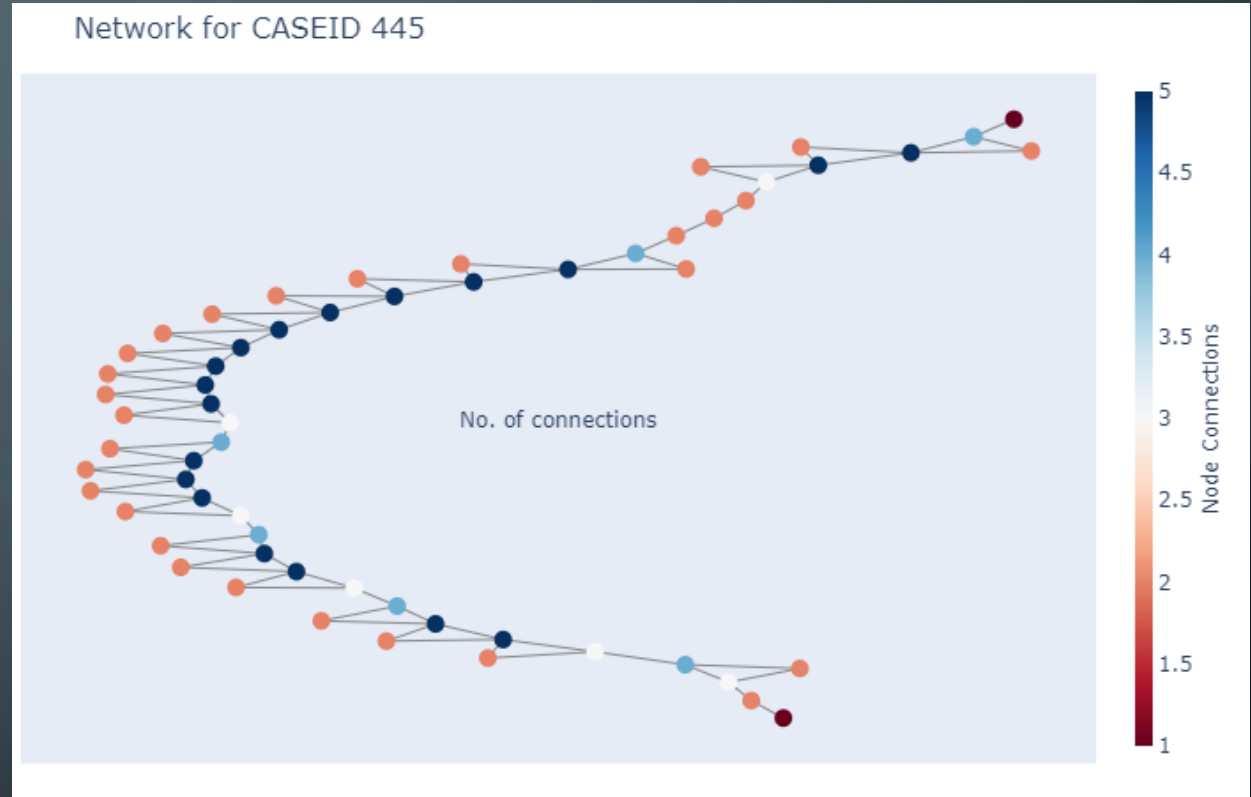
GEORGIA SMITH

ADVISOR: DR. JAMES VANCE
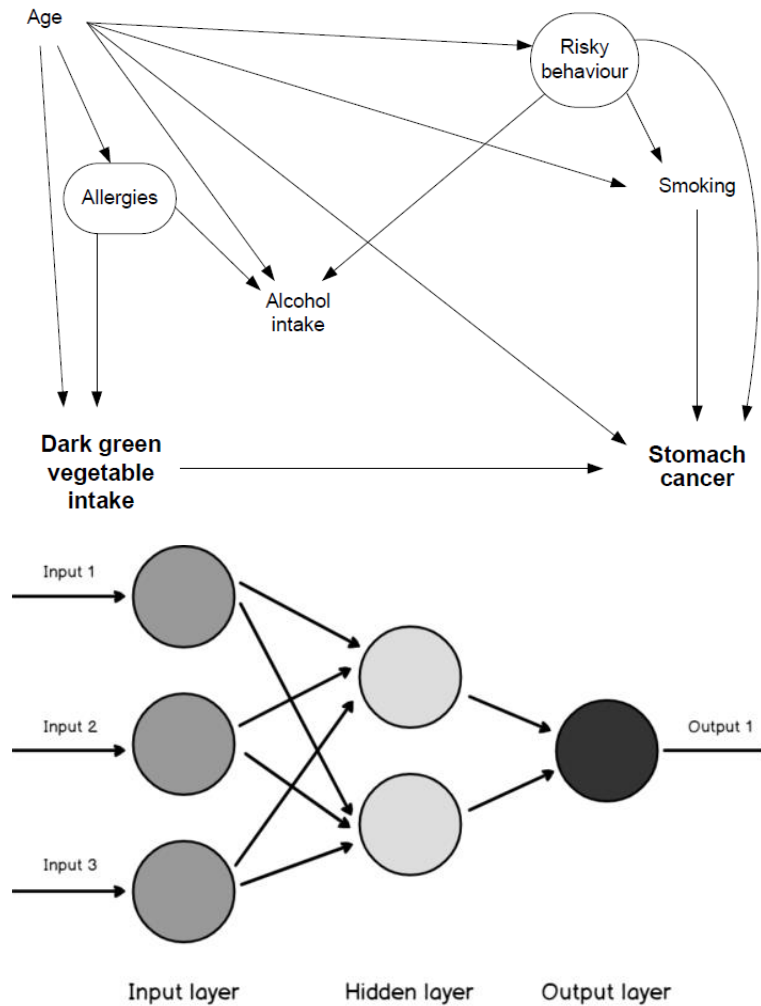
METHODS

- National Comorbidity Survey

- Neural Networks
  - Long Short-Term Memory

- Diffusion Network Inference

RESULTS

- Neural Network
  - 90% Accuracy
- Plans
- Network to Identify Symptom Interaction

Network for CASEID 445

HOW DID ENGAGING IN THIS RESEARCH ENHANCE YOUR EDUCATION AND EXPERIENCE?

- Prepared For Future

- Real World Application

- Use Degree for Something I'm Passionate About

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