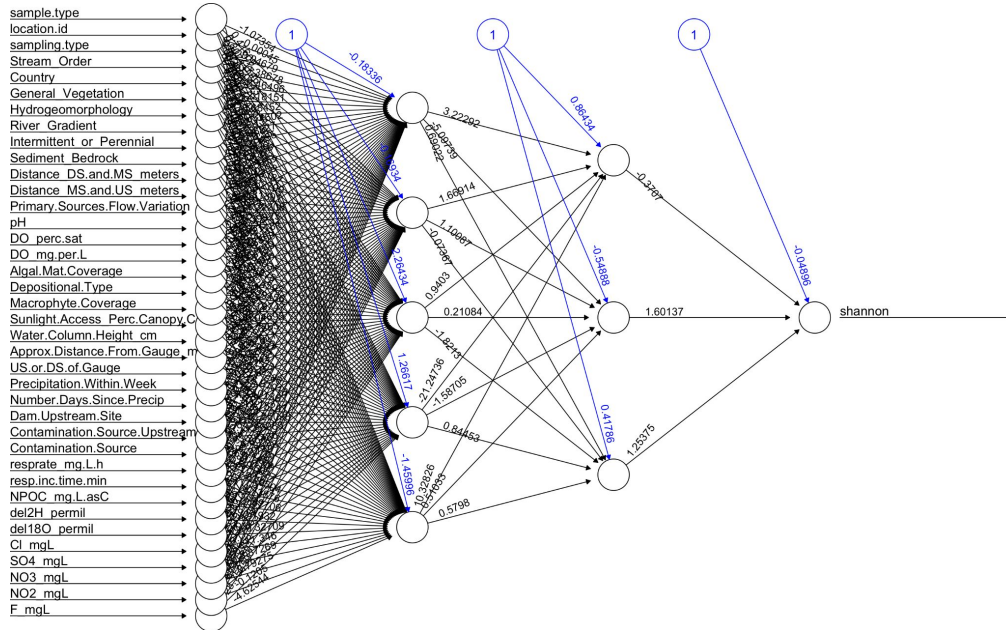


## Topic 4

February 2022

**Question being pursued:** What are the final decisions for data curation and analysis?

- 1) Separation of surface water and sediment datasets.
- 2) Working from Group 1 cleansed data
  - a) Evaluating cutoffs for frequency across samples
- 3) Running unsupervised analysis to compare with supervised model
  - a) Supervised model (showing one ANN model)



### Next Steps:

- 1) Decide final data curation/pre-processing
- 2) Run unsupervised models and compare
- 3) Learn from collaborator if site photos can be used as data to predict OM composition
- 4) Explore possible Bayesian analysis approaches