Contents

Exploration of Potential Improvements to INVASE

Research Question

2. How can INVASE be improved?

    A. If the performance of INVASE is sensitive to the choice of the hyper-parameter λ, how can this **sensitivity be mitigated**?

    B. Can explainer improve its explanations (i.e., a higher true positive rate and a lower false discovery rate) by **replacing the baseline neural network** with the utilization of unselected feature information?

    C. Can explainer provide better explanations (i.e., a higher true positive rate and a lower false discovery rate) by **incorporating response variables into its input**?