

D-ACES Framework Proposal and Analysis

Limitation Analysis

- ◆ Lack of knowledge on hyperparameter settings
 - Know the trend of how to set
 - Still need several attempts to find an appropriate range
- ◆ Limited exploration of the loss function settings for the explainer and the reward structure for the actor
- ◆ Absence of considerations for adversarial resilience and robustness of the framework
 - As they are important properties in real-life application

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Conclusion

1. By building on the previous attempts, if any of them demonstrate positive performance, what kind of new competitive framework can be proposed?
 - (a) Compared to state-of-the-art IFS methods (e.g., INVASE, L2X, LIME, SHAP), what advantages does the new framework offer?