

Methods for understanding the variable importance of local explanations of black-box models

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Abstract

ABSTRACT NEEDED

1	Abstract
2	Introduction
2.1	MODELING
2.2	XAI & interpretability crisis
2.3	Local explanations
2.4	Data visualization tours
3	SHAP local explanation
3.1	Variable importance, permuting over the X's included
3.2	Visualizing and break down plots
4	Interrogate variable importances of the local explanations: Cheem
4.1	RF model
4.2	shap matrix
4.3	Linked global approximations of data and local explanations
4.4	Application of the manual tour to
5	Design of cheem
5.1	1) Penguins speices classification
5.2	2) FIFA wage regression
5.3	3)?
5.4	4)?
6	Software Infrastructure
7	Discussion
8	Acknowledgements
9	References