統計所學術演講　中研院統計所

學　術　演　講

講　題：Introduction to conformal prediction

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時　間：2023年11月29日(星期三)，14:00-16:00

地　點：6005會議室(環境變遷研究大樓)

Abstract

In this talk we introduce conformal prediction, a distribution-free approach to constructing prediction sets for risk control. We describe its implementation, discuss its advantages and disadvantages, and provide its applications to prediction and classification problems with real-world and simulated examples. We also briefly discuss "Learn then Test", a newly-developed risk control methodology that can enhance performance of conformal prediction on a wide array of machine learning tasks.

Keywords: covariate shift; deep learning; empirical distribution; multiple hypothesis testing; quantile regression.

※ 茶 會：13：40開始。

※ 實體演講，不開放線上視訊。