



統計科學研究所

INSTITUTE OF
STATISTICAL SCIENCE



SEM INAR



STATAS

Seminar

Title : The paper "A multivariate functional-data mixture model for spatio-temporal data: inference and cokriging" by Moritz Korte-Stapff, Drew Yarger, Stilian Stoev, and Tailen Hsing

Speaker : Dr. Hsueh-Han Huang (黃學涵 博士)

(Institute of Statistical Science, Academia Sinica)

Time : 14:00-15:30, Monday, October 30, 2023

Place : Auditorium, B1F, Institute of Statistical Science

Abstract

This talk is just a review of the paper "A multivariate functional-data mixture model for spatio-temporal data: inference and cokriging," which is written by Moritz Korte-Stapff, Drew Yarger, Stilian Stoev, and Tailen Hsing. In their paper, they introduce a mixture model that can be used to perform spatio-temporal prediction when both the response and the additional covariates are functional data. The proposed model is applied on Argo oceanographic data in the Southern Ocean to predict oxygen concentration. We hope that this talk can be a good starter to form a research group about spatial-temporal data analysis. Discussion and comments are very welcome.

※ Online live streaming through Cisco Webex will be available.

※ The tea reception will be held at 15:30.