

國立中央大學

統計研究所

學術演講

主 講 人：朱基祥 助理教授（東海大學統計學系）

講 題：Bayesian structure selection approach for categorical response via multi-task learning

時 間：111年06月07日（星期二）上午11：00 ~ 12：00

線上演講連結：<https://meet.google.com/oae-yemr-mmv>
(google meet)

ABSTRACT

We concentrate on the Bayesian structure selection problem with single response and multiple categories. Based on multinomial probit model, we transform problem of that on single response with multiple categories into multiple responses by introducing certain latent variables. Then we add the group structure for coefficient matrix of multiple responses and identify the relevant variables for the response. This selection problems can be treated as the multi-task learning problems. we will investigate the structure selection problem with sparsity of group based on the model and apply to the medical data set.

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