



THE UNIVERSITY OF
CHICAGO

Department of Statistics

MASTER'S THESIS PRESENTATION

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Kernel Correspondence Analysis

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Jones 304, 5747 S. Ellis Avenue

ABSTRACT

Correspondence analysis is an often-ignored tool of multivariate statistics. I will present the basic theory of correspondence analysis and show how the "kernel trick" can be applied to this algorithm. I will show how other popular multivariate statistical techniques can be surprisingly cast as instances of correspondence analysis. Armed with this insight, I will show how kernels could be applied to these techniques.