Semiparametric modeling of spatial dependence using conditional moment functions

Pradosh Simlai *

Department of Economics
University of North Dakota
293 Centennial Drive
Grand Forks, ND 58202
U.S.A.

Abstract

This paper endeavors to show how a semiparametric-based approach can offer an unification of likelihood or generalize least square based estimating equations for describing rates of interaction in spatial systems. The specific example given is for optimal combination of conditional spatial moments and concerns scenario which establishes a result on existence.