Asymmetric association measures for multi-way contingency tables

Xiaonan Zhu^a, Advisor: Dr. Tonghui Wang^a ^aDepartment of Mathematical Sciences, New Mexico State University, USA

Abstract In this talk, recent development on asymmetric association measures for twoway or three-way contingency tables are reviewed. Two measures of asymmetric association on three-way contingency tables are defined. Nonparametric estimators of measures are provided. Several examples are given to illustrate differences among these measures.