《Methods and Applications of Longitudinal》

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内容简介

刘宪编*的《纵向数据分析方法与应用（英文版）》旨在系统地介绍纵向数据分析的基本概念、理论设定和应用步骤，重点通过SAS计算机程序对实际数据进行分析，从而深入浅出地描述纵向数据分析的各类模型。书中涉及的统计方法包括各类描述性估算法、线性混合效应模型、随机效应的统计推断及估计、残差协方差结构类型、广义线性混合效应模型的理论性描述、二分组结局混合效应模型、多结局混合效应模型、各类潜变量发展模型、缺损数据分类及分析方法以及一些纵向分析方面的专题研究。
本书着重于各类纵向分析模型的实际运用，而不拘泥于模型的纯理论推论，从而使对纵向数据分析有兴趣的科研人员以及大学生、研究生从中受益。

作者简介

刘宪，密歇根大学社会学博士（1991）。现任美国国防医科大学（Uniformed Services University of the Health
Sciences）精神病学系教授、高级研究员及美国沃特·里德国家军事医学中心（Walter Reed National Military Medical Center）研究员、高级统计师。在国际**刊物发表学术论文数十篇，*有专*《生存分析：模型与应用》及《纵向数据分析方法与应用》。所发表论文与*作在国际上被大量引用。曾多次获得美国国立卫生研究院（National Institutes of Health）、退伍军人事务部及密歇根大学研究基金。主要研究领域为纵向数据分析、生存分析与死亡率交叉研究、老年人口学、创伤事件与精神疾病。

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