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16. Abstract  本报告描述了由密西根大学交通研究所（UMTRI）开发的软件工具 UTMOST (the Unified Tool for Mapping Opportunities for Safety Technology)，该工具提供有关非独立安全尺度对交通安全的影响的信息。该工具的核心模型用车祸前置状况、驾车人特性、车祸类型和后果来表征车祸，在此模型之上是实施各个安全尺度的效果的模型，这些安全尺度包括公共政策和技术尺度，它可以将各种不同方法以及不同方法的结合产生的潜在有益效果以图表的形式直观地表现出来。UTMOST 利用美国车祸数据库进行开发和验证，目的在于了解美国交通安全的发展趋势、美国和其他国家之间的现有差别，以及其他国家的发展趋势。利用该工具的目标是：1) 预测安全政策或技术的改变对促进交通安全的益处；2)描述政策或技术改变后存在的主要问题；3) 总体评估机动车辆的安全性能，以及按人口统计学分类来评估机动车辆的安全性能。					
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