

# Article: Perception of Risky Driving Behaviors

## Inferential Test: Independent t-test

### Excerpt from the Research Article<sup>1</sup>

The first group consisted of 1,430 student drivers enrolled in driver training programs.... The second group consisted of 880 teen drivers who had received a moving violation and were attending traffic school.

For both groups, attitudes concerning driving behaviors were covered in a series of questions. Participants were asked to rate six negative driving issues as to how dangerous they perceived them to be.... Rating scores were on a 5-point Likert-type scale, which ranged from least dangerous (1) to most dangerous (5).

Table 1  
*Perceptions of Risky Driving Behaviors*

	<i>M</i>	<i>SD</i>	<i>t</i>	<i>p</i>
Risk of speeding				
Student drivers	3.85	1.08	-6.99	.000
Traffic violators	3.47	1.25		
Risk of drunk driving				
Student drivers	4.79	.61	-4.27	.000
Traffic violators	4.66	.77		
Risk of sleepy driving				
Student drivers	4.19	.86	-2.60	.01
Traffic violators	4.08	.95		
Risk of distracted driving				
Student drivers	3.71	.93	-1.39	.17
Traffic violators	3.65	.94		
Risk of slow driving				
Student drivers	2.65	1.18	1.43	.15
Traffic violators	2.73	1.30		
Risk of angry driving				
Student drivers	3.69	1.09	-2.58	.01
Traffic violators	3.56	1.10		

<sup>1</sup> Source: Sarkar, S., & Andreas, M. (2004). Acceptance of and engagement in risky driving behaviors by teenagers. *Adolescence*, 39, 687-700. Copyright © 2004 by Libra Publishers, Inc. Reprinted with permission.