



## CMF / CRF Details

**CMF ID: 2457**

**Change in unsignalized cross roads from X to Y unsignalized cross roads per mile**

**Description: Change the number of unsignalized intersections per mile**

**Prior Condition: Greater or fewer number of unsignalized intersections per mile**

**Category: Access management**

**Study: [Modeling and Evaluating the Safety Impacts of Access Management \(AM\) Features in the Las Vegas Valley, Mauga and Kaseko, 2010](#)**

**Star Quality Rating:**



[\[View score details\]](#)

### Crash Modification Factor (CMF)

**Value:**

$$e^{0.0170(Y-X)}$$

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Crash Reduction Factor (CRF)

<b>Value:</b>	$-100 * (e^{0.0170(Y-X)} - 1)$
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	

<b>Applicability</b>	
<b>Crash Type:</b>	Sideswipe
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	All
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	Divided by Median
<b>Speed Limit:</b>	30-45
<b>Area Type:</b>	Urban
<b>Traffic Volume:</b>	29320 to 96080
<b>Time of Day:</b>	Not specified

***If countermeasure is intersection-based***

<b>Intersection Type:</b>	
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

**Development Details**

<b>Date Range of Data Used:</b>	2002 to 2006
<b>Municipality:</b>	
<b>State:</b>	NV
<b>Country:</b>	
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	Crashes

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Aug-11-2010
<b>Comments:</b>	

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