



CMF / CRF Details

CMF ID: 2669

Convert from yield signal control to signalized control

Description:

Prior Condition: yield control

Category: Intersection traffic control

Study: [*Safety Effects of Intersection Signalization: a Before-After Study, Jensen, 2010*](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 1.01

Adjusted Standard Error:

Unadjusted Standard Error: 0.11

Crash Reduction Factor (CRF)

Value: -1 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 11.2

Applicability

Crash Type: Left turn,Right turn

Crash Severity: All

Roadway Types: Not Specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type: Urban

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type: Roadway/roadway (not interchange related)

Intersection Geometry: 4-leg

Traffic Control: Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used: 1976 to 2004

Municipality: Copenhagen

State:

Country:	Denmark
Type of Methodology Used:	3
Sample Size Used:	Crashes
Before Sample Size Used:	171 Crashes
After Sample Size Used:	174 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Aug-11-2010
Comments:	This CMF is for intersection and roadway crashes up to 200 m away from intersection

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