



## CMF / CRF Details

**CMF ID: 2638**

**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:** 0.9

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Crash Reduction Factor (CRF)

**Value:** 10 (*This value indicates a **decrease** in crashes*)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### 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:** 3-leg,4-leg,More than 4 legs

**Traffic Control:** Signalized

**Major Road Traffic Volume:**

**Minor Road Traffic Volume:**

### Development Details

**Date Range of Data Used:** 1976 to 2004

**Municipality:** Copenhagen

**State:**

<b>Country:</b>	Denmark
<b>Type of Methodology Used:</b>	3
<b>Sample Size Used:</b>	Crashes
<b>After Sample Size Used:</b>	195 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>	This CMF is for roadway crashes up to 200 m away from intersection

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