



## CMF / CRF Details

**CMF ID: 9283**

**Conversion of intersection into single-lane roundabout**

**Description: Conversion of intersection into single-lane roundabout**

**Prior Condition: signalized, stop-controlled, yield-controlled and non-controlled intersections**

**Category: Intersection geometry**

**Study: [Safe roundabouts for cyclists, Jensen, S. U., 2017](#)**

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 0.53

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.061

### Crash Reduction Factor (CRF)

**Value:** 47 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

<b>Unadjusted Standard Error:</b>	6.1
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### Applicability

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	All
<b>Speed Limit:</b>	40km/h to 130km/h
<b>Area Type:</b>	Rural
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	All

### *If countermeasure is intersection-based*

<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
<b>Intersection Geometry:</b>	No values chosen.
<b>Traffic Control:</b>	Not specified
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

### Development Details

<b>Date Range of Data Used:</b>	
<b>Municipality:</b>	
<b>State:</b>	

<b>Country:</b>	Denmark
<b>Type of Methodology Used:</b>	Before/after using comparison group
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Jun-17-2018
<b>Comments:</b>	Central island height=0 to 1.9m Central island diameter=20m-39.9m

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