



# CASPER

CHILD ADVANCED SAFETY PROJECT FOR EUROPEAN  
ROADS

## Field Studies

*COVER Workshop November 29th/30th  
Munich, Germany*



# Agenda

- Motivation
- Content of the Questionnaire
- Method
- Experiences / Problems
- Data base so far
- First Analysis
- Outlook



# Motivation

- European misuse study
- Observation with new products
- Link to social safety demand study within CASPER



## Content of the Questionnaire

- Designed to make results comparable to other misuse studies (CEDRE, BAST)

Contains of 3 parts:

- **A) Technical part:** installation of CRS, Information about driver and child(ren)
- **B) Sociodemographical part:** Purchasing the CRS, knowledge about child safety, experience in using the CRS
- **C) Monitoring:** Car, CRS, misuse



## Method

- 1. Information to the driver about the project, the interviewer, the target and use of this study
- 2. One person interviews the driver, one persons checks CRS installation
- 3. Talking about the monitoring results with the driver



## Experiences / Problems

- The Interview takes too much time (15-20 min)
  - Parts of the questionnaire could/should be done as mail- or phone interview
  - leads to a lost of information, but more cases
- Some people are very interested in taking part, other declines it



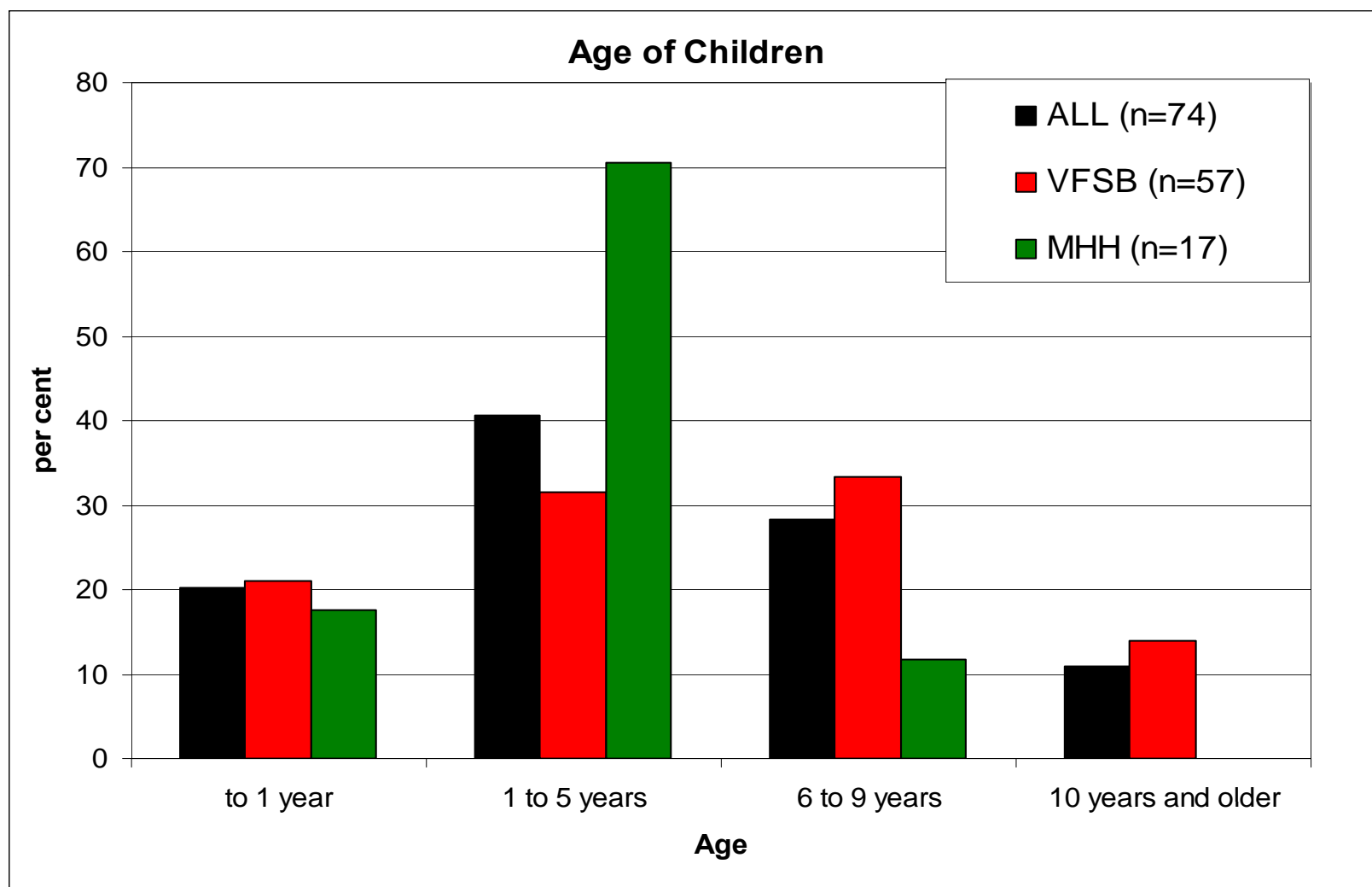
## Data Base (to date)

■ ELASIS (Italy, Naples)	10 cases
■ INRETS (France, Lyon)	30 cases
■ MUH (Germany, Hanover)	17 cases
■ VFSB (Germany, Berlin)	57 cases

**$\Sigma=114$  cases**

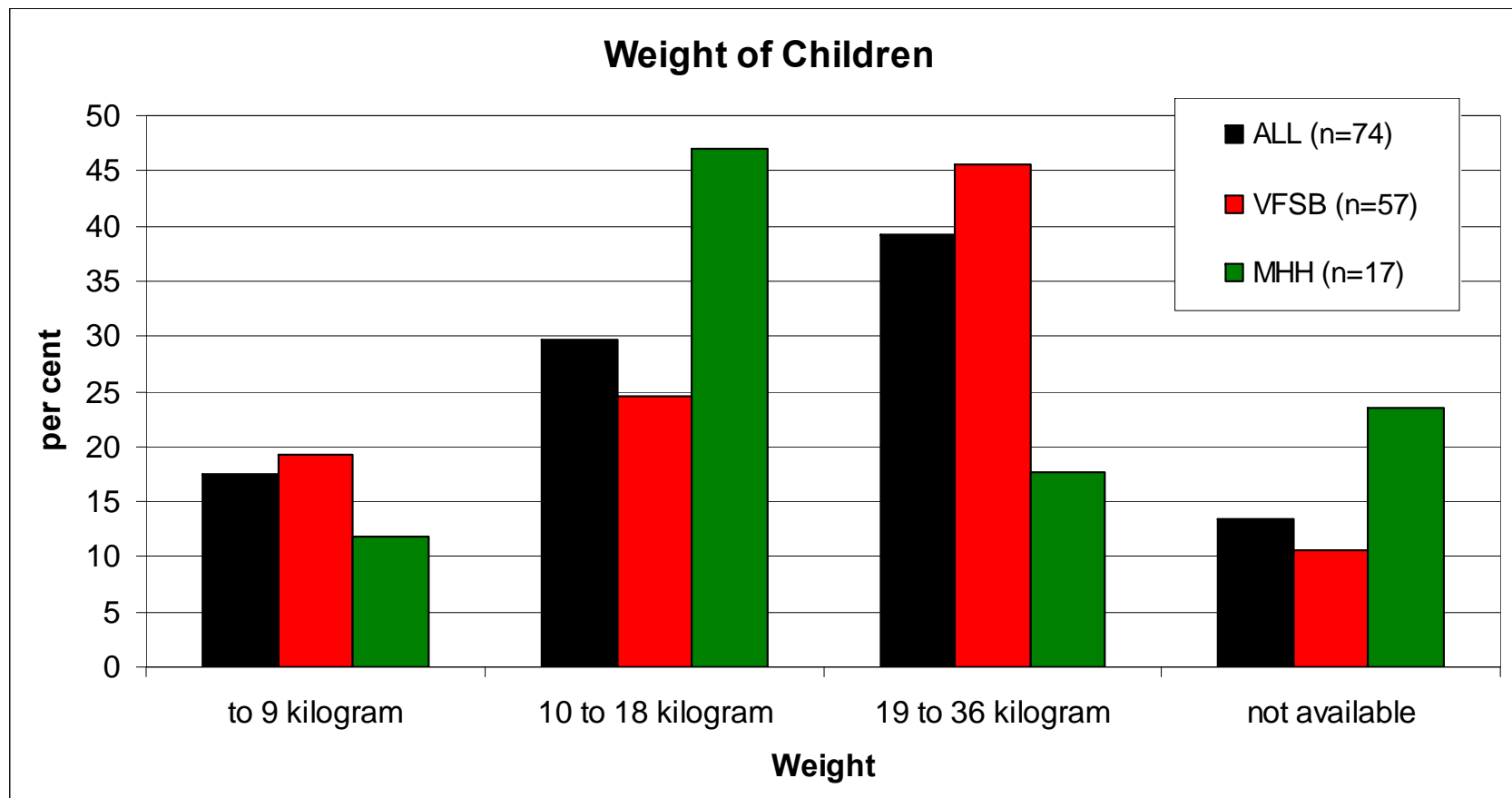


# First Analysis

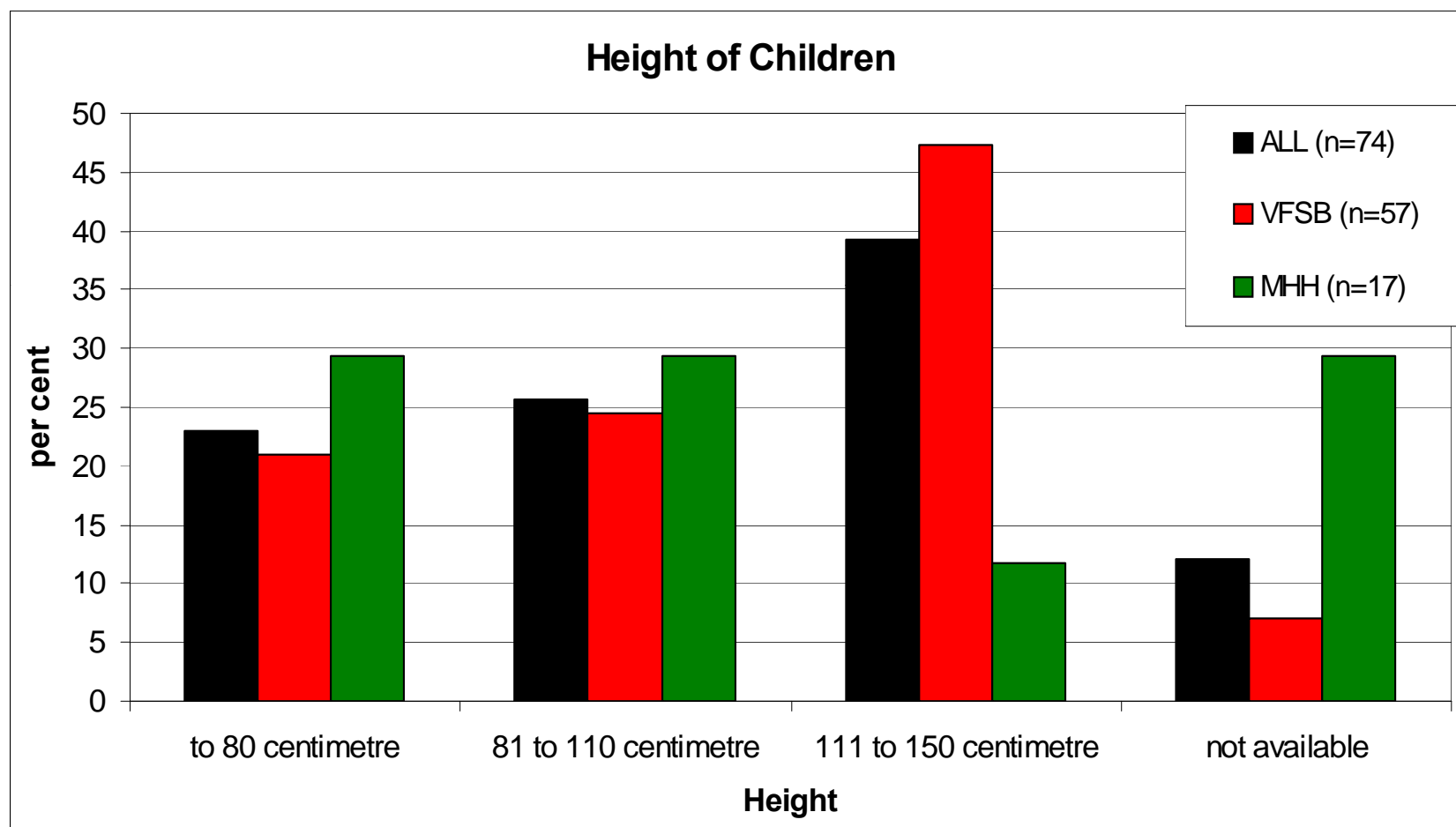




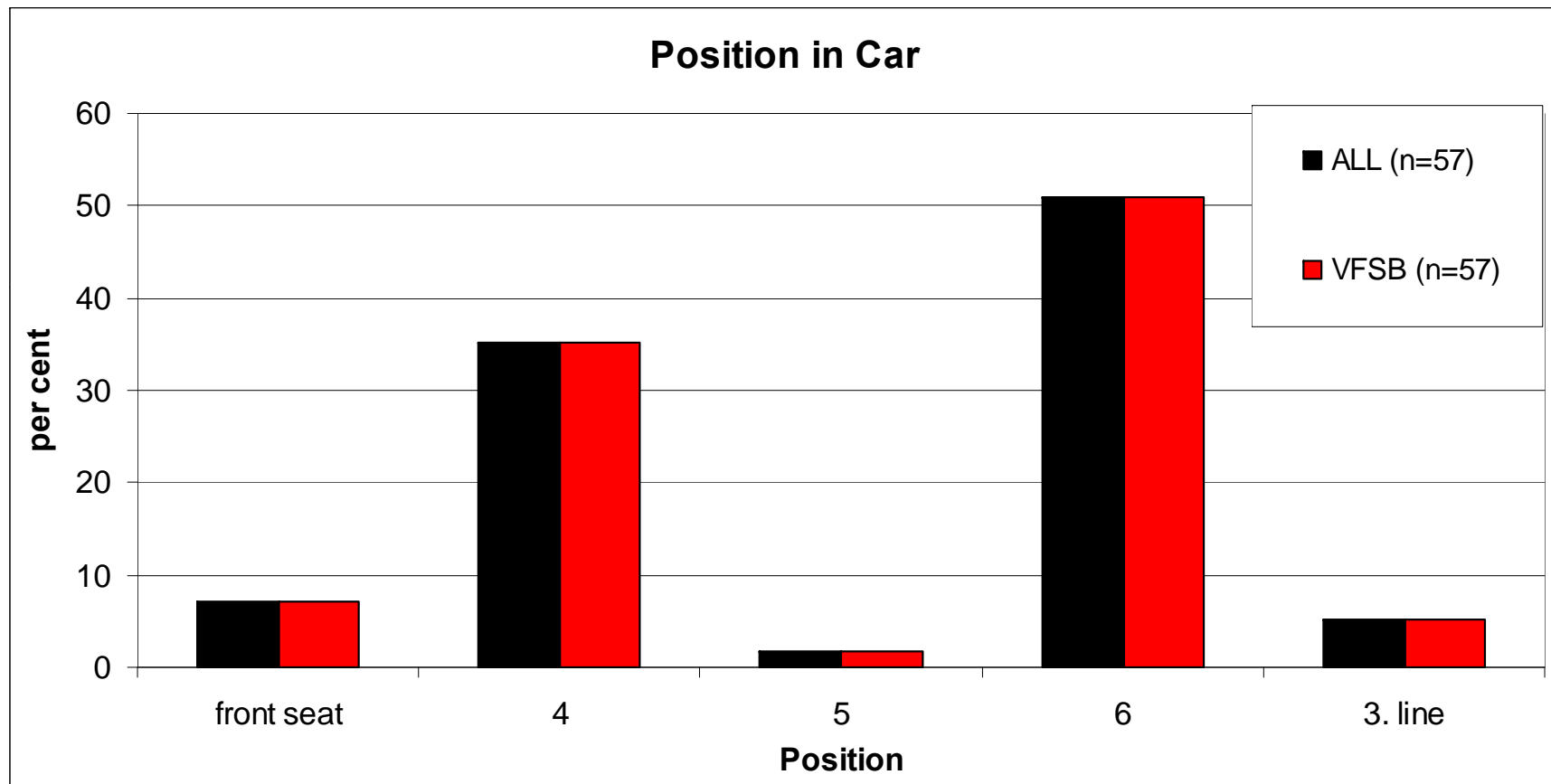
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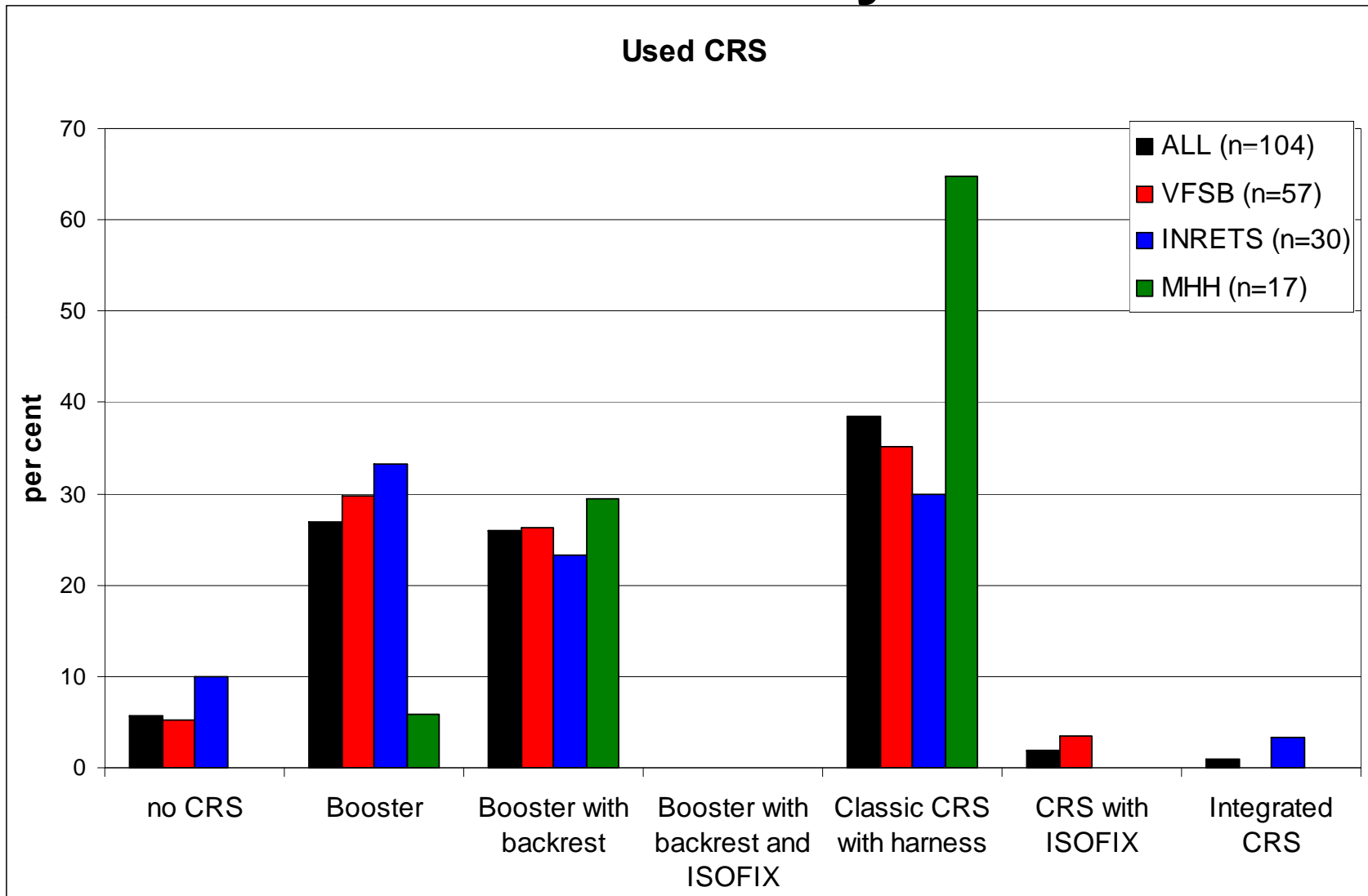
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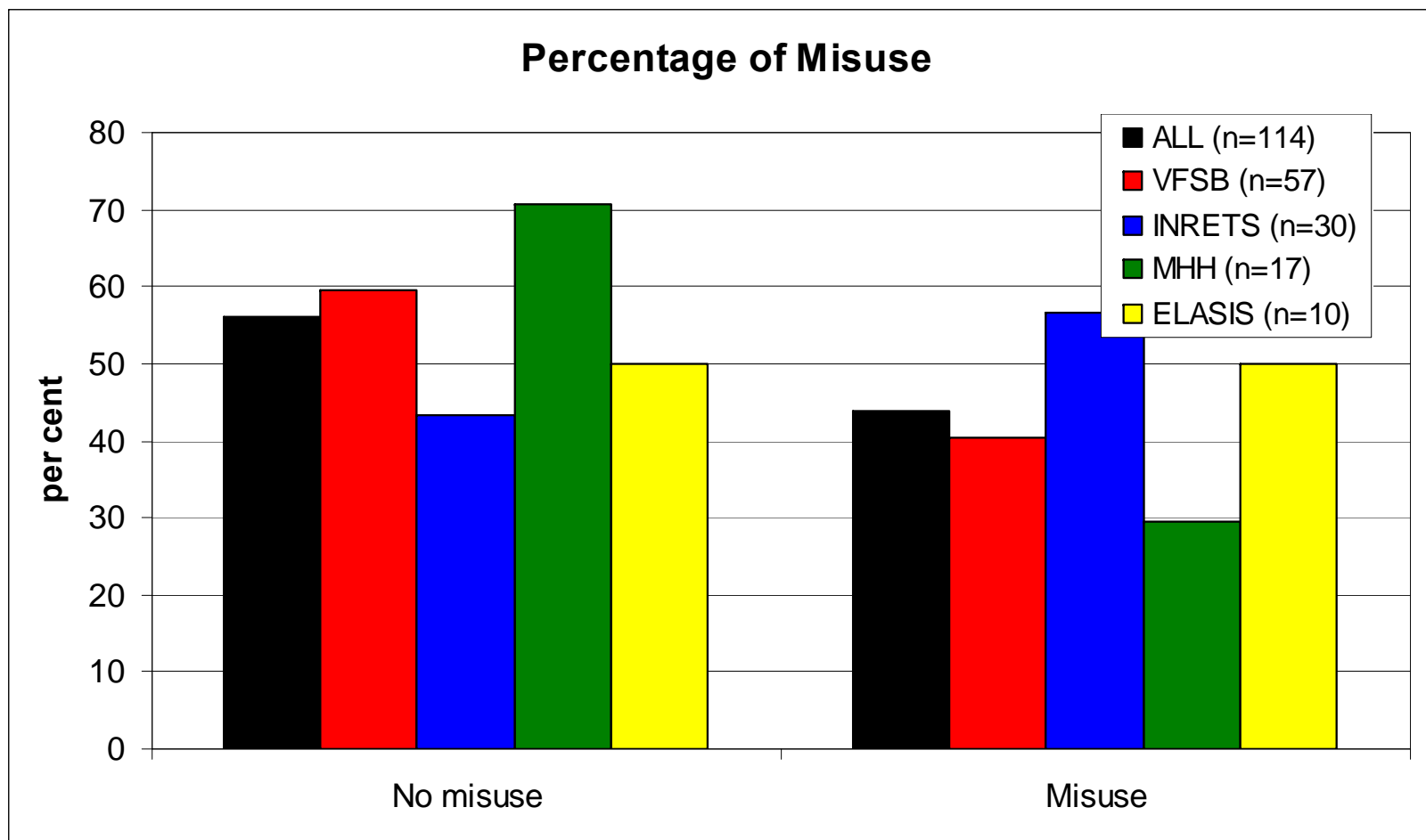
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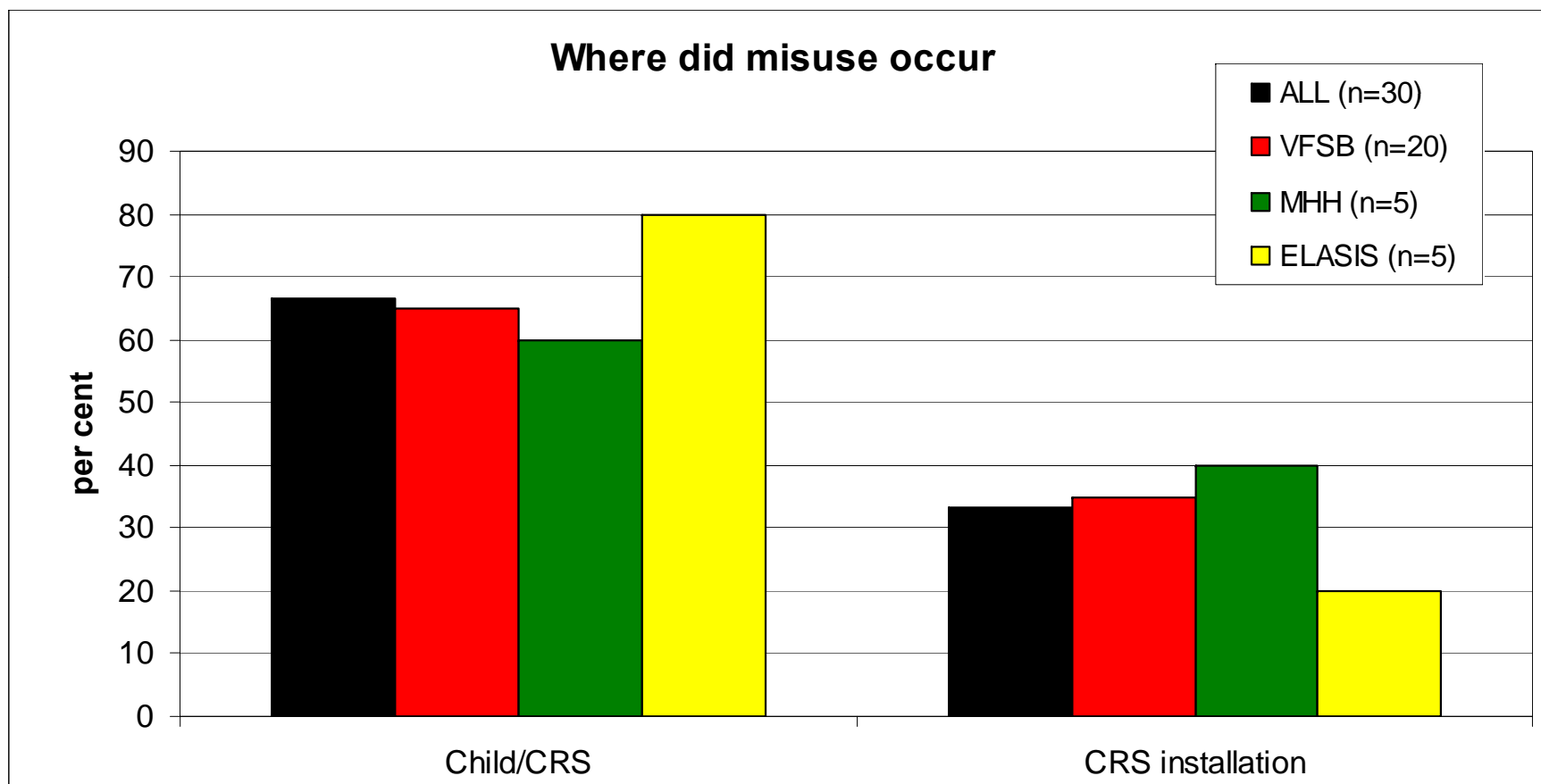
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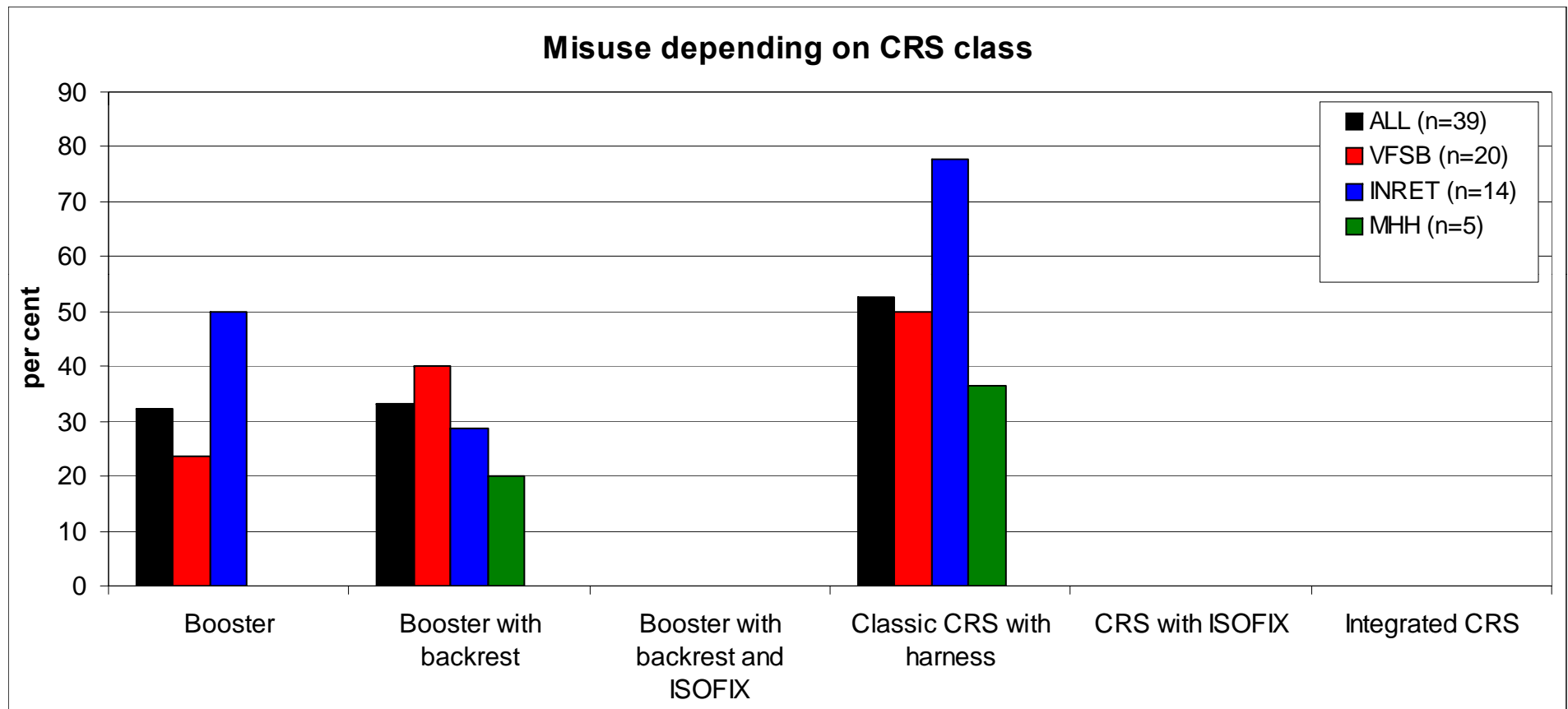
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# First Analysis

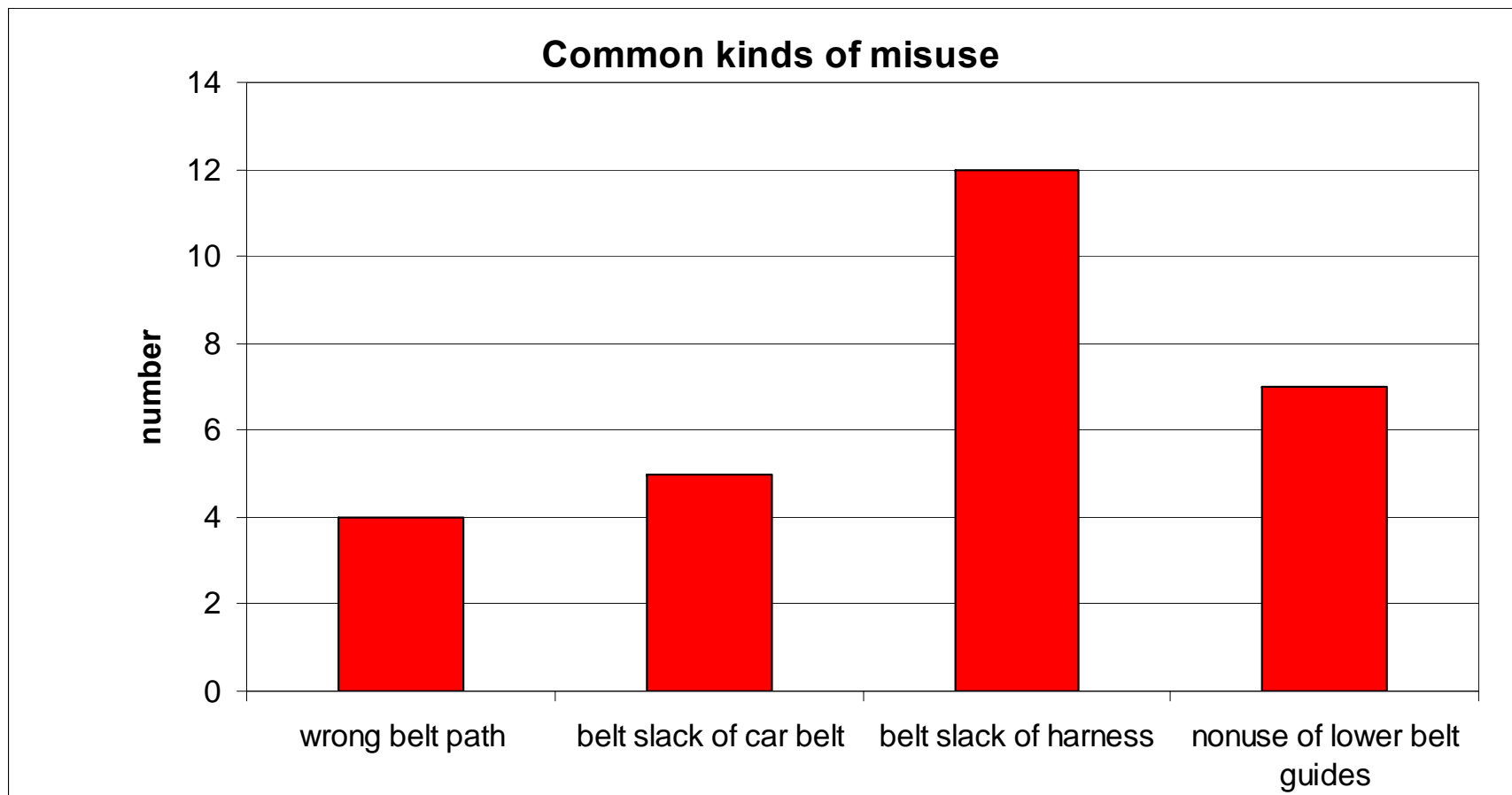


# First Analysis





# First Analysis



## Often found misuse

- In nearly 50% of all used baby shells the belts were interchanged



correct use



misuse



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Fahrzeugsicherheit Berlin e.V.





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Fahrzeugsicherheit Berlin e.V.



-50 ms



# Outlook

- Field study will go on
  - Target: 100 cases per project partner
- Detailed analysis of all data



# Thank you for your attention!

Contact:  
Gerd Müller  
Verein für Fahrzeugsicherheit Berlin e.V.  
Gustav-Meyer-Allee 25  
13355 Berlin  
Germany  
Tel.: +4930 / 692 057 211  
mueller@VFSB-eV.de  
<http://www.fahrzeugsicherheit-berlin.de>

