



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



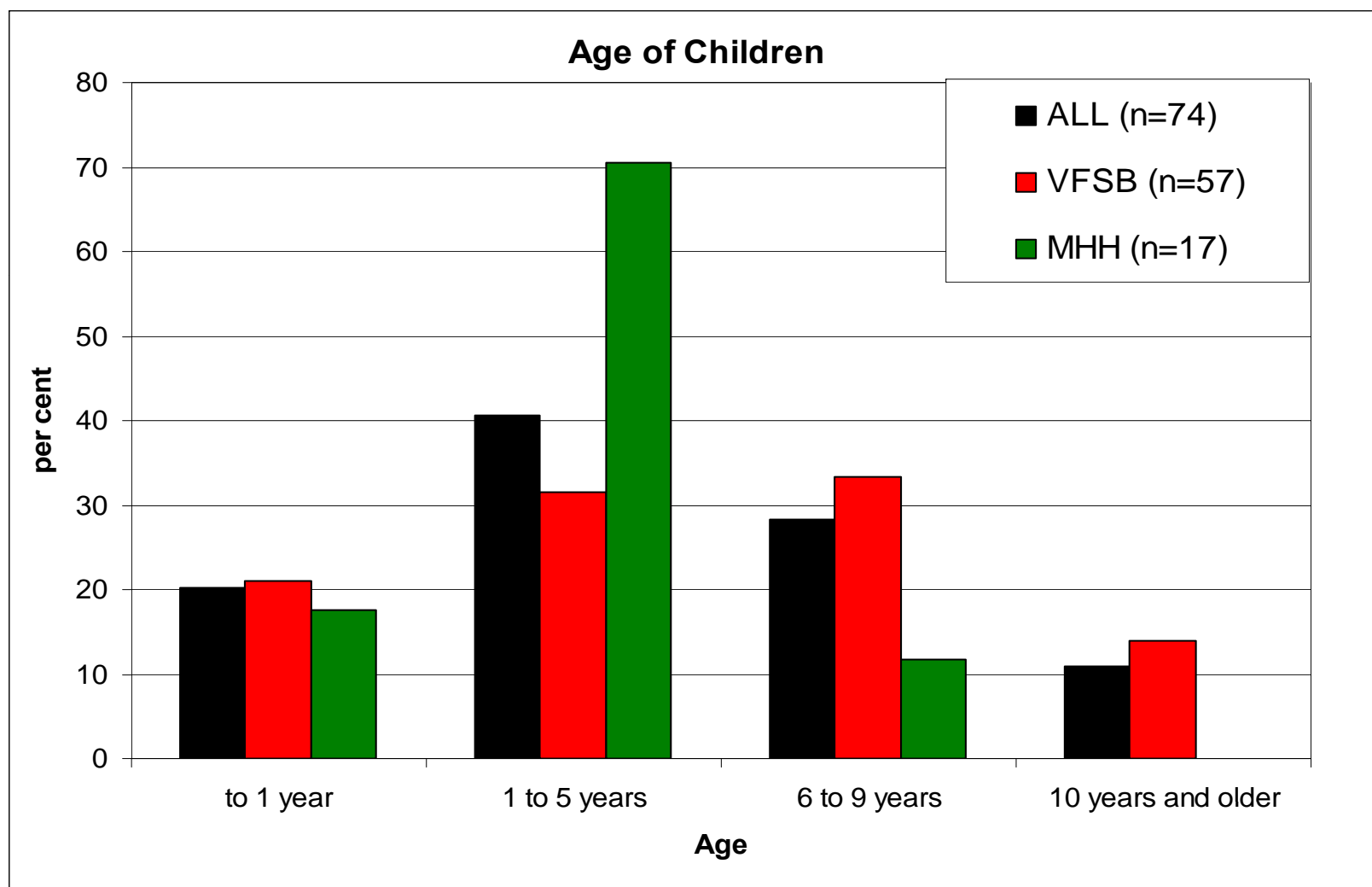
Data Base (to date)

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

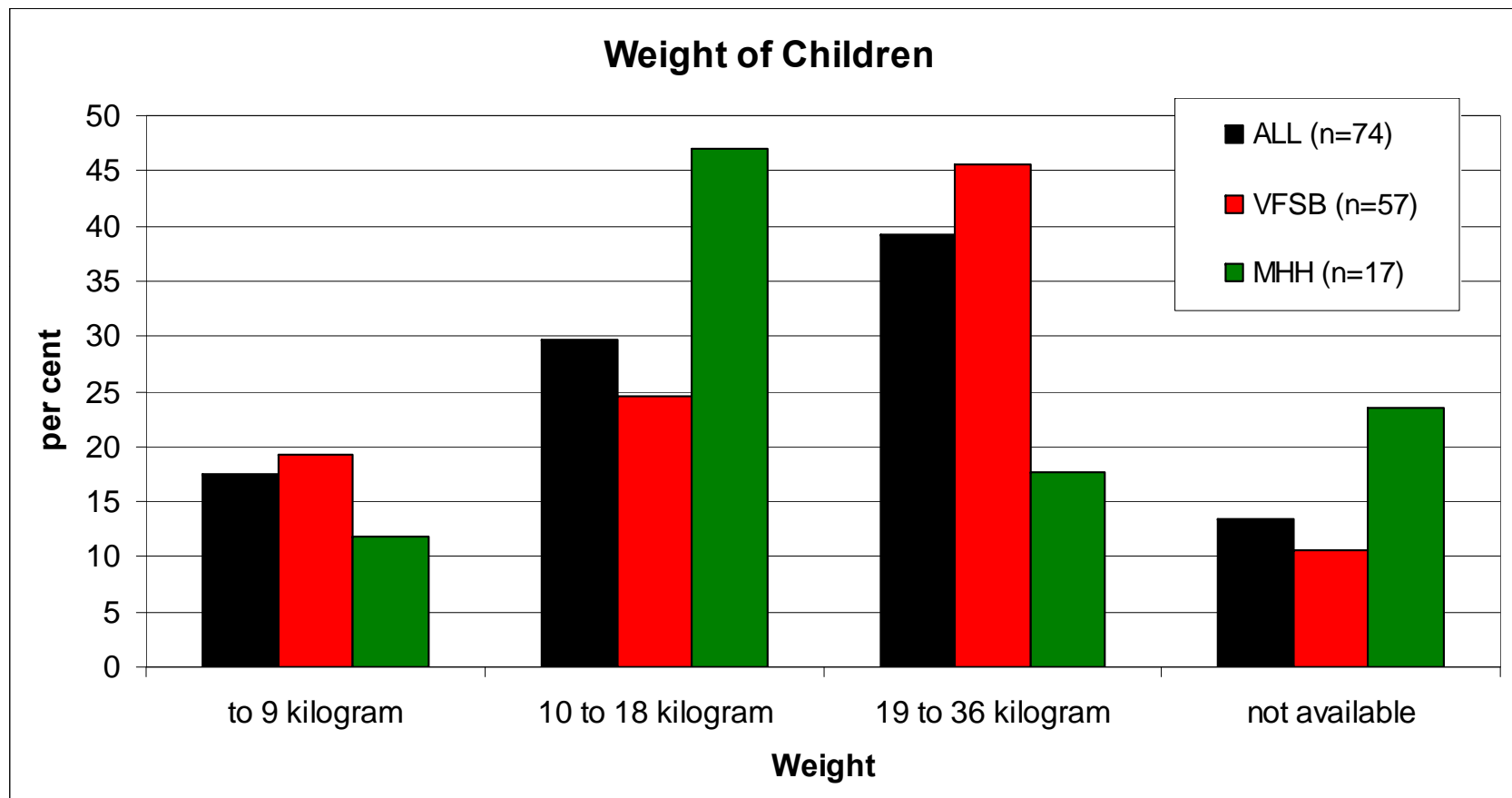
$\Sigma=114$ cases



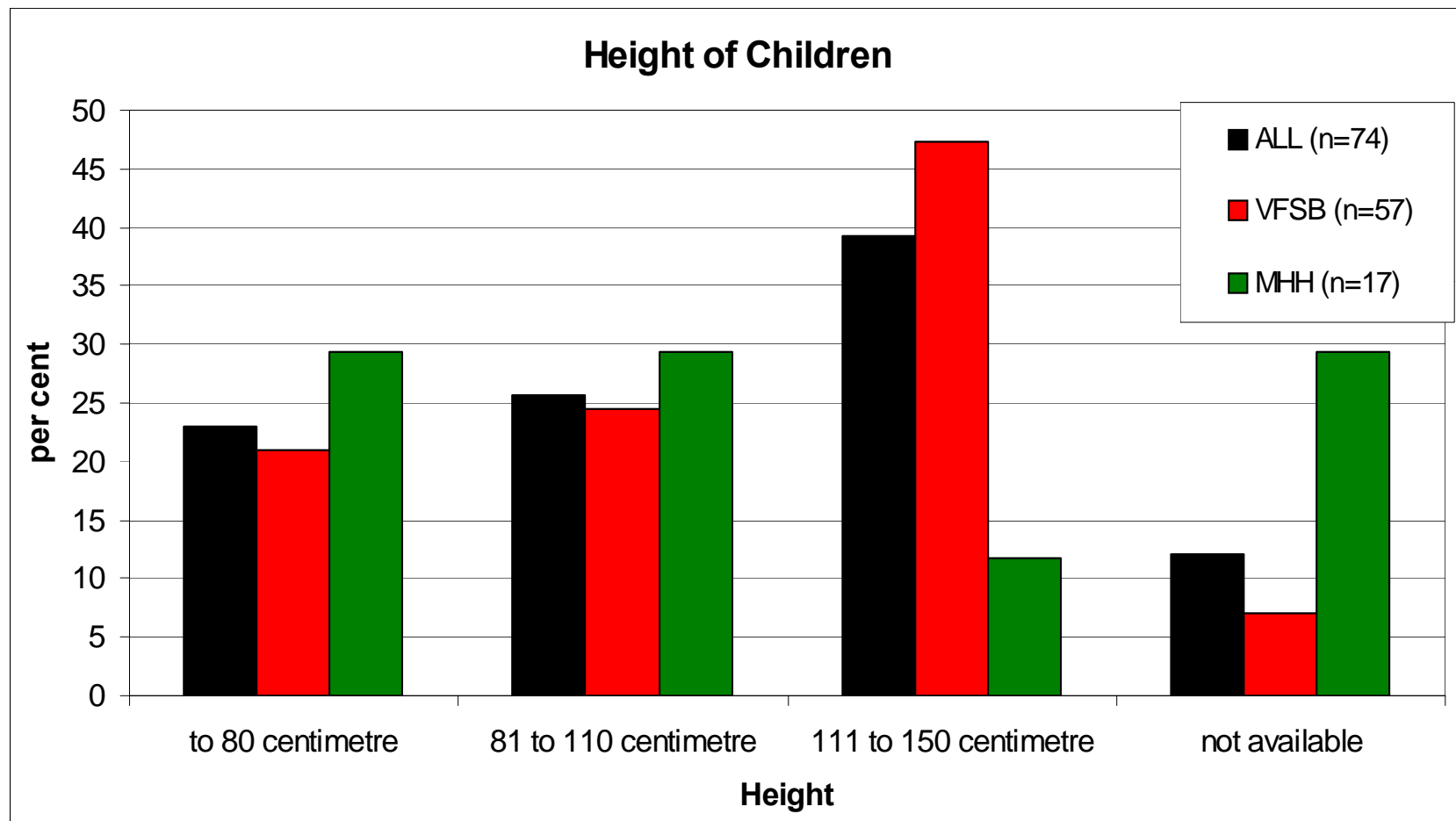
First Analysis



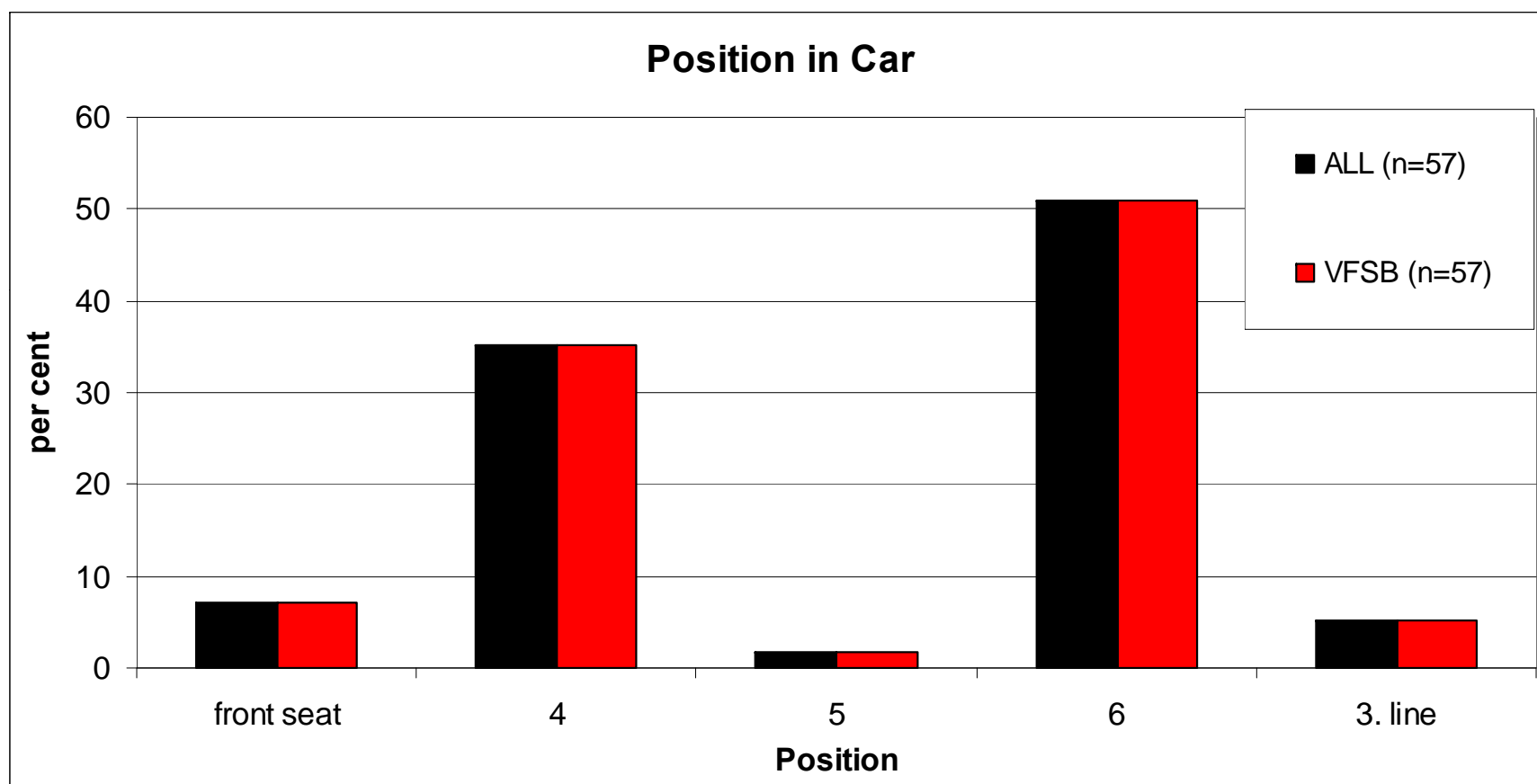
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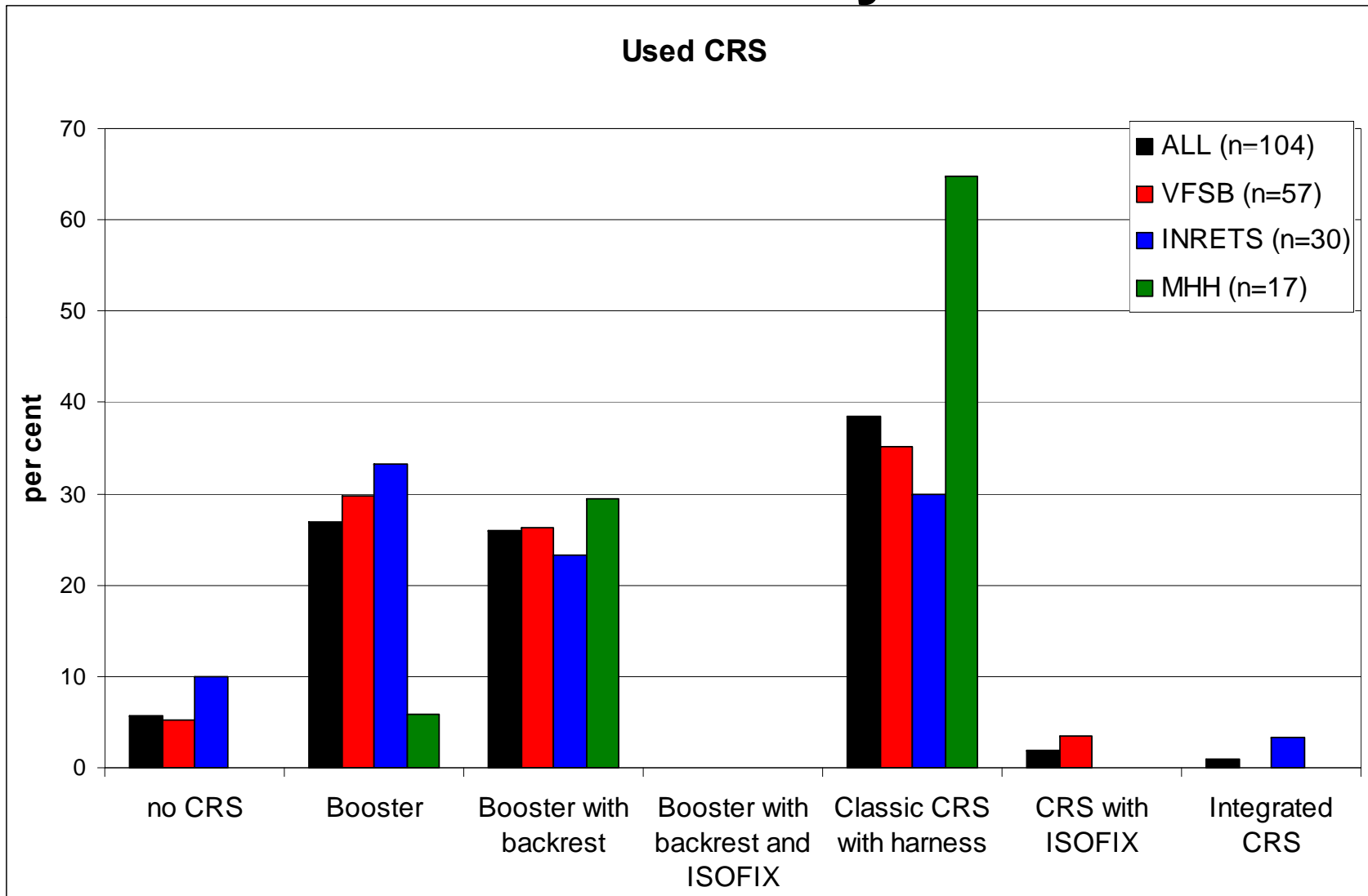
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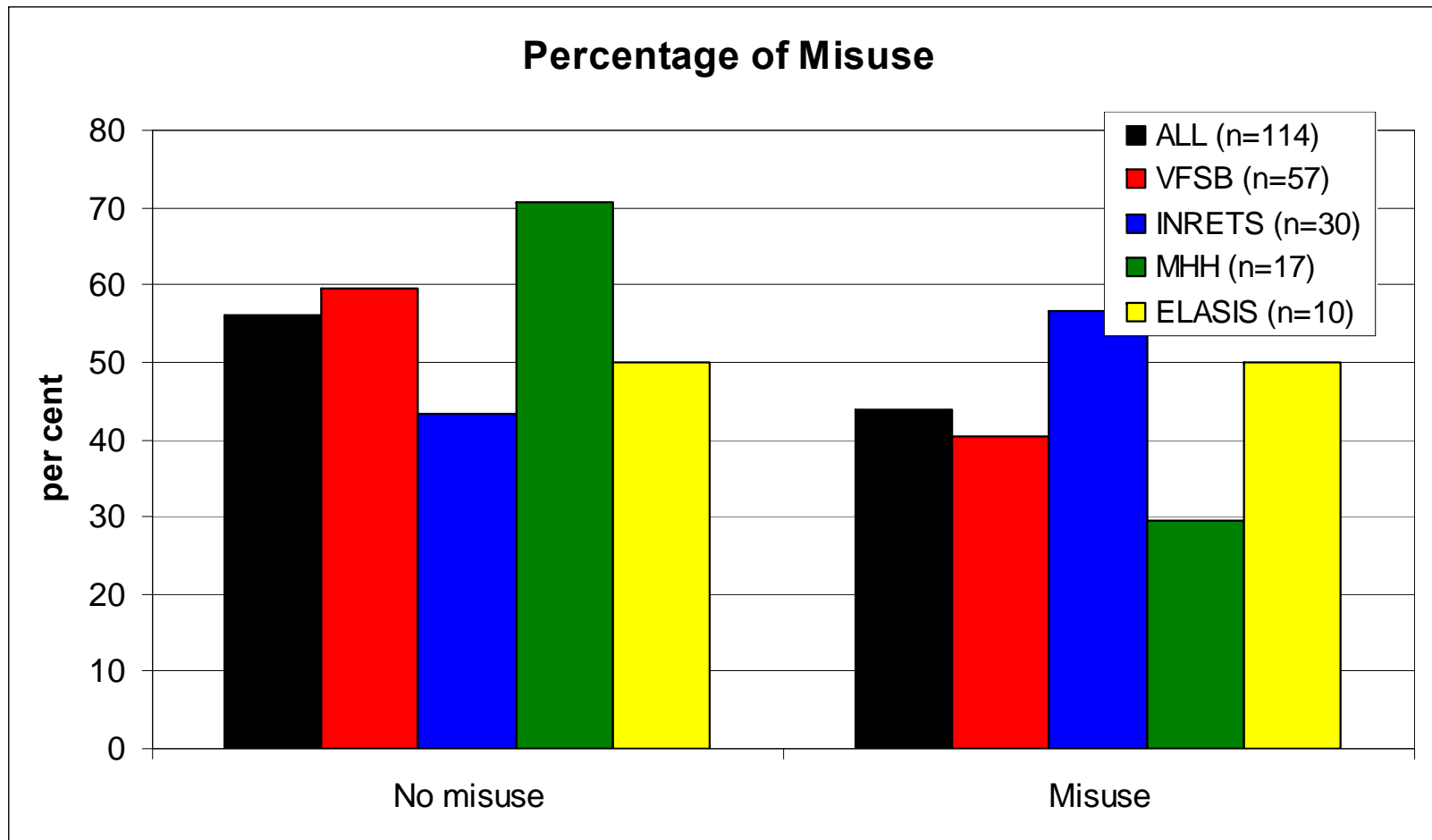
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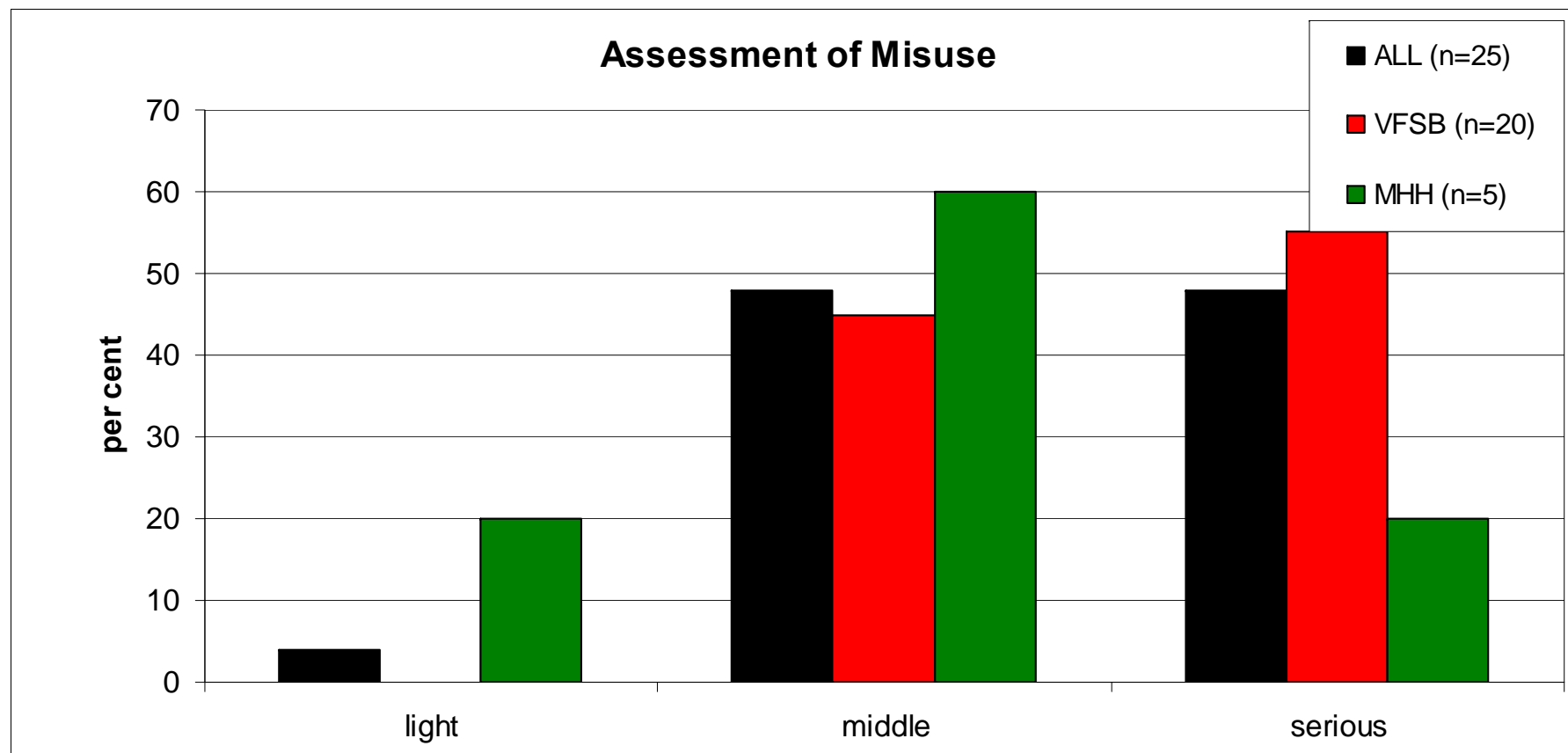
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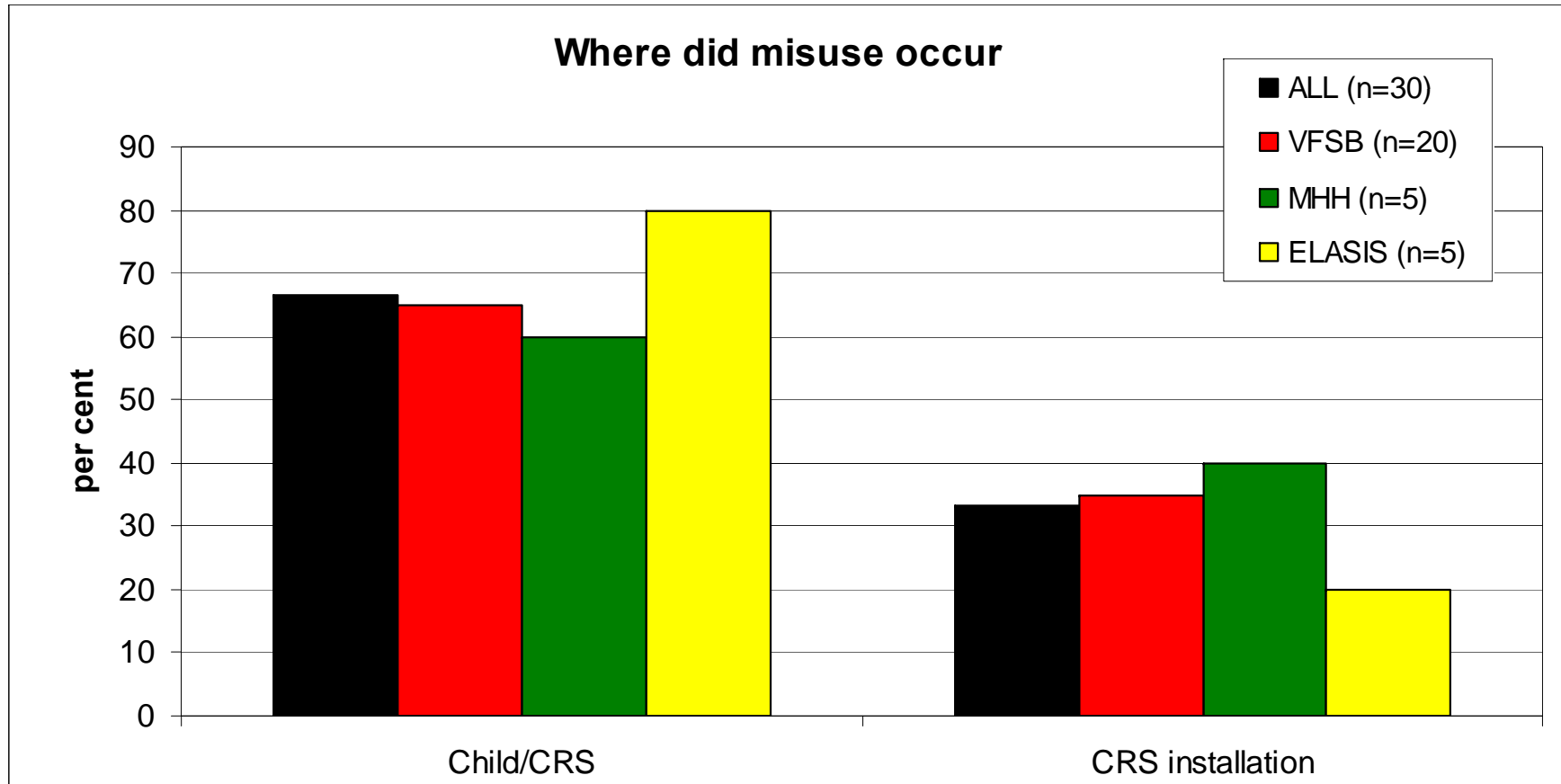
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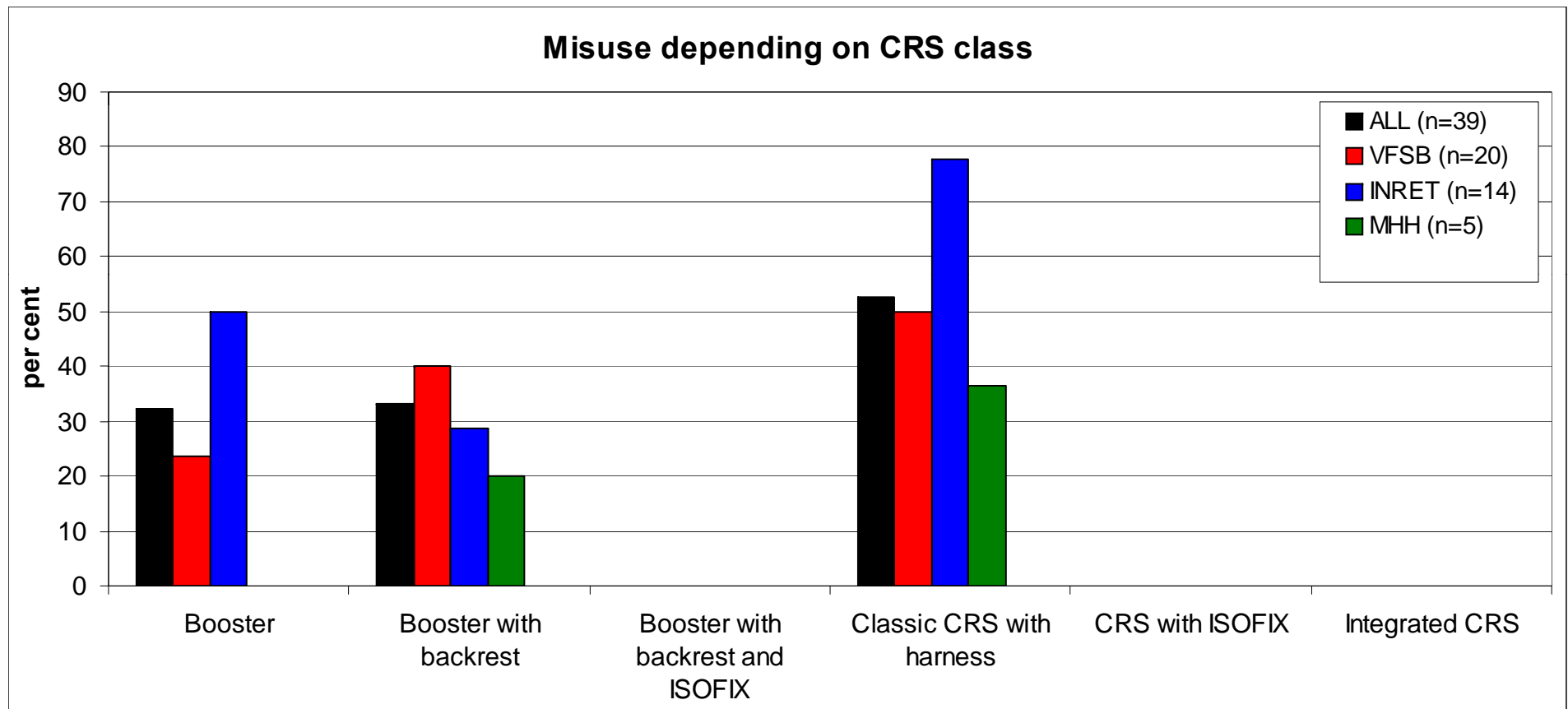
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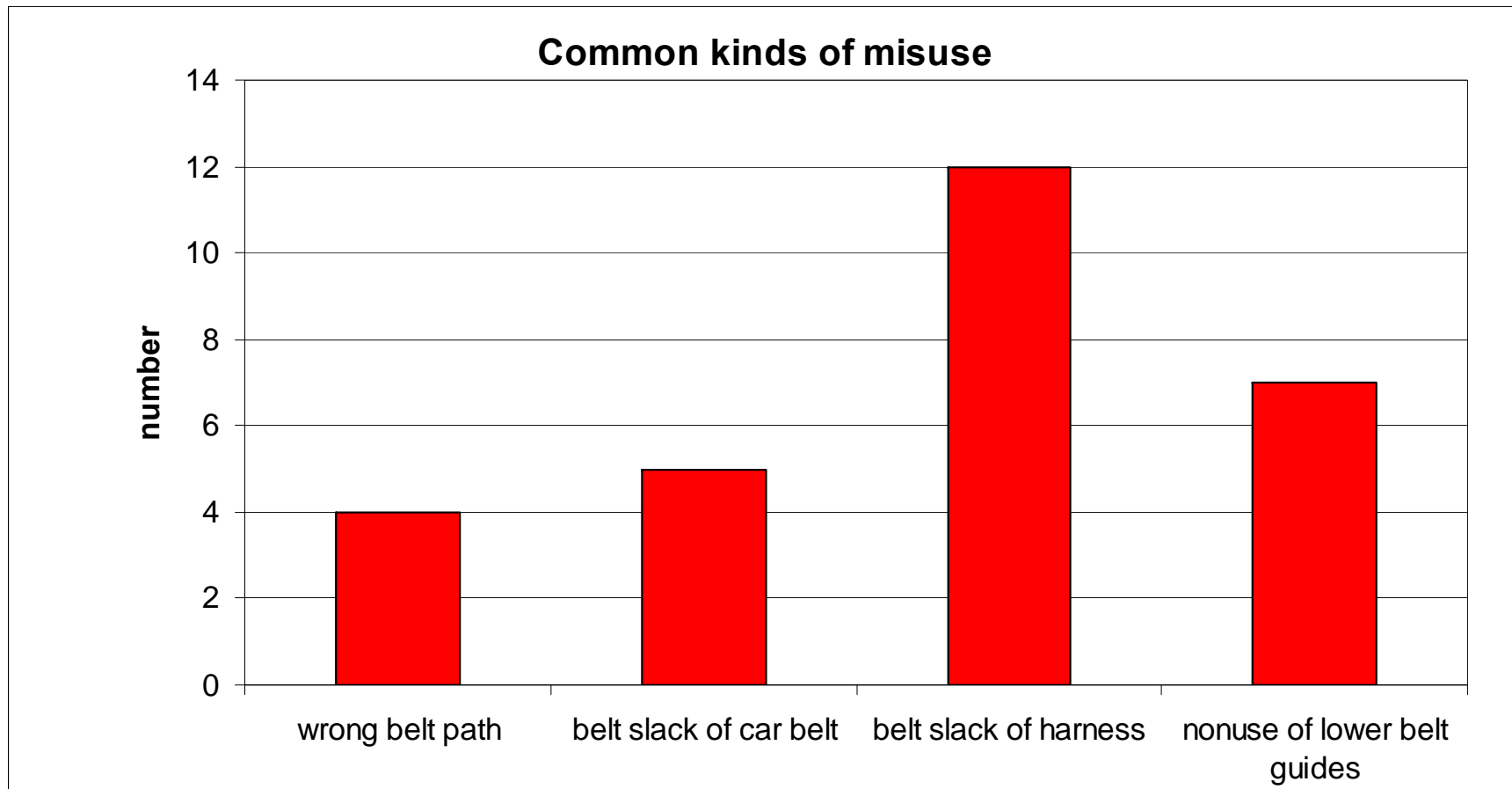
First Analysis



First Analysis



First Analysis



Often found misuse

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



correct use



misuse



Verein für
Fahrzeugsicherheit Berlin e.V.



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-50 ms



Outlook

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



Thank you for your attention!

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