

# Child Abuse and Neglect Prevention By Technology

## Effects and Costs of a Computerised Decision Support System in Preventive Child Health Care

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 1 out of 30 Dutch children experiences abuse and neglect



A Computerised Decision Support System (CDSS) may support professionals' responding to child abuse and neglect

### Research question

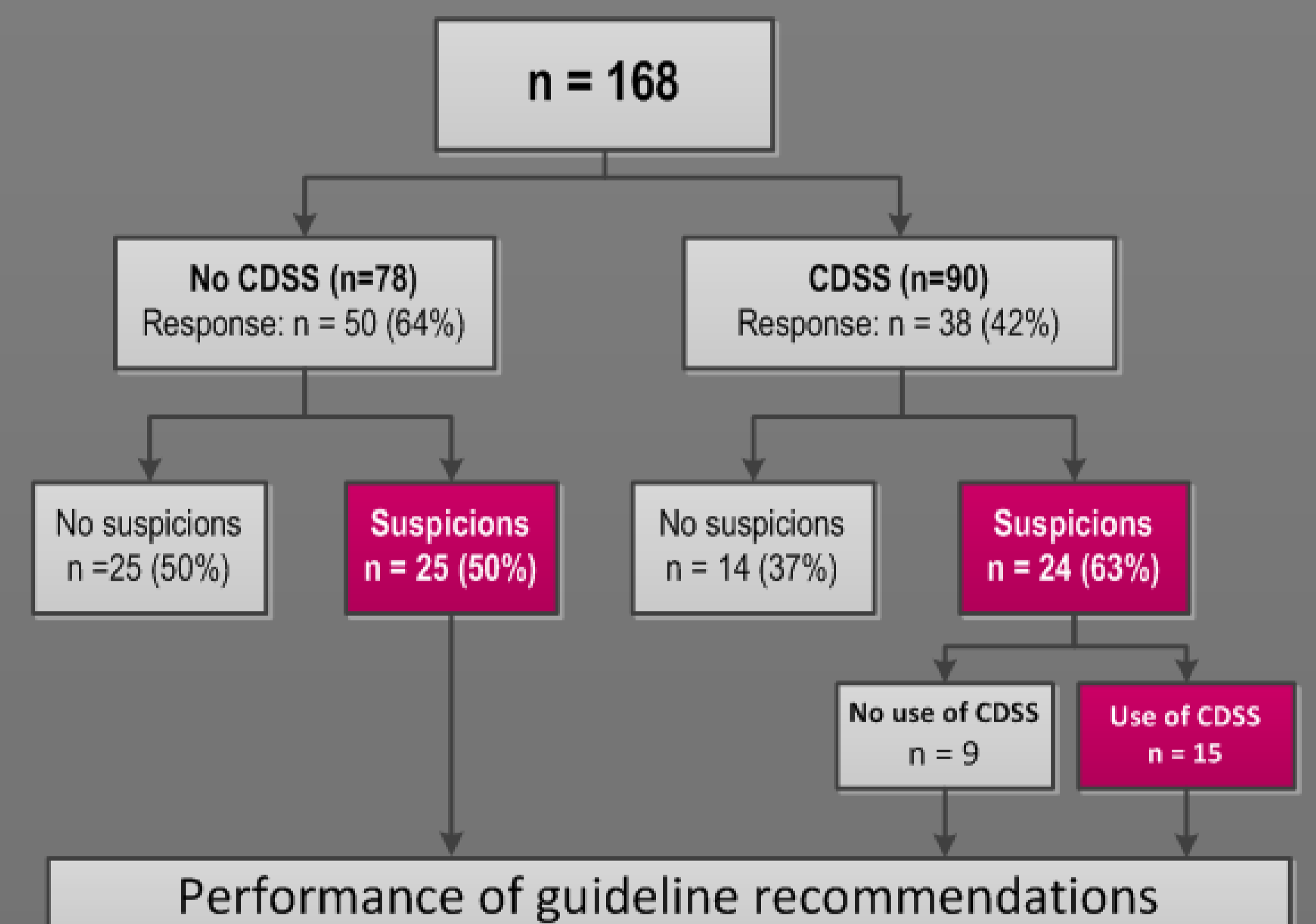
1. What are the **effects** of availability of a CDSS vs. no CDSS availability on the performance of guideline recommendations?
2. What are the **costs** of availability of a CDSS vs. no CDSS availability?

- » In the latest child abuse or neglect case
- » At a child health care organisation in the region of Twente

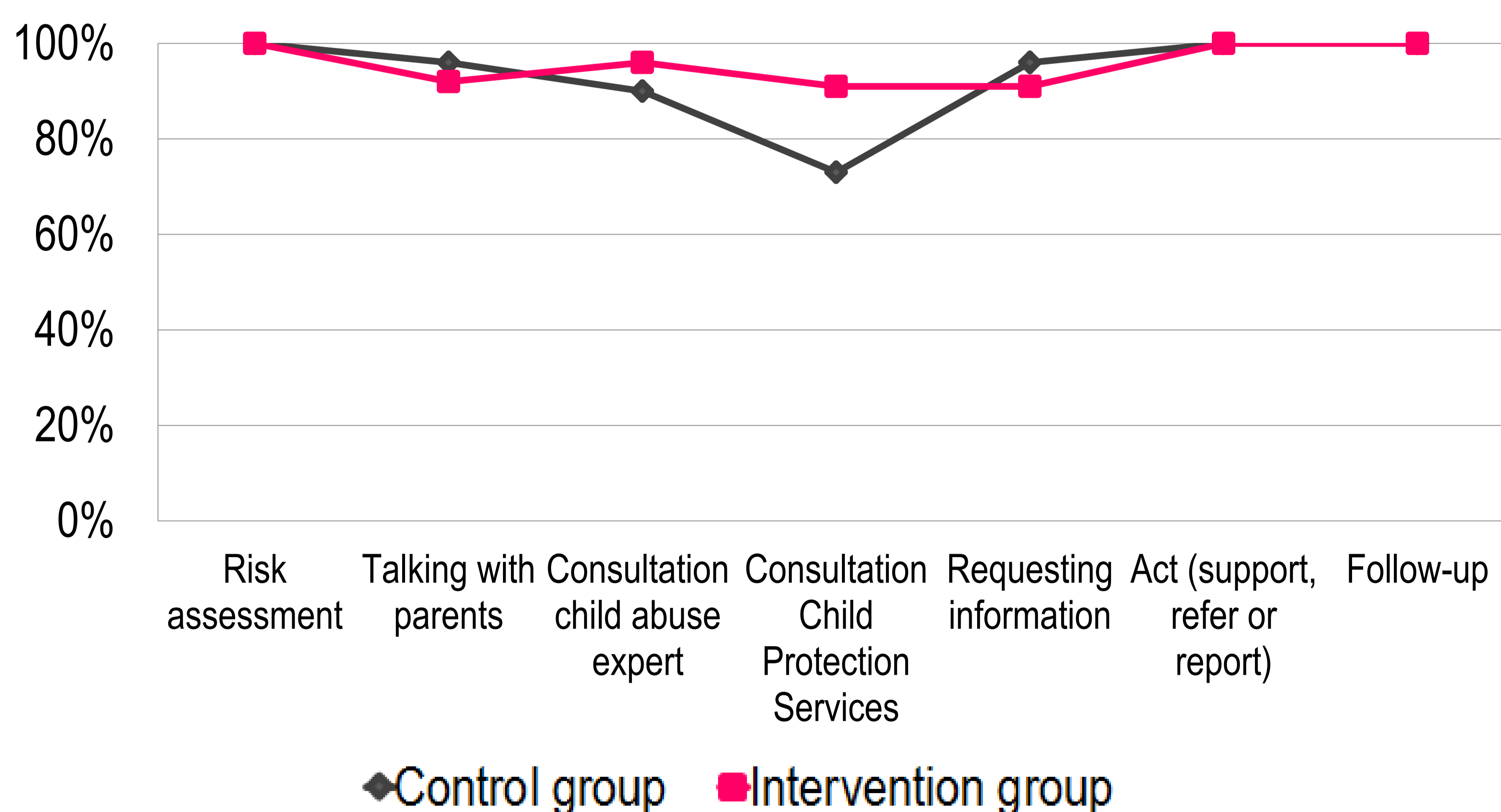
### Method

- » Online questionnaire
- » Organisational perspective

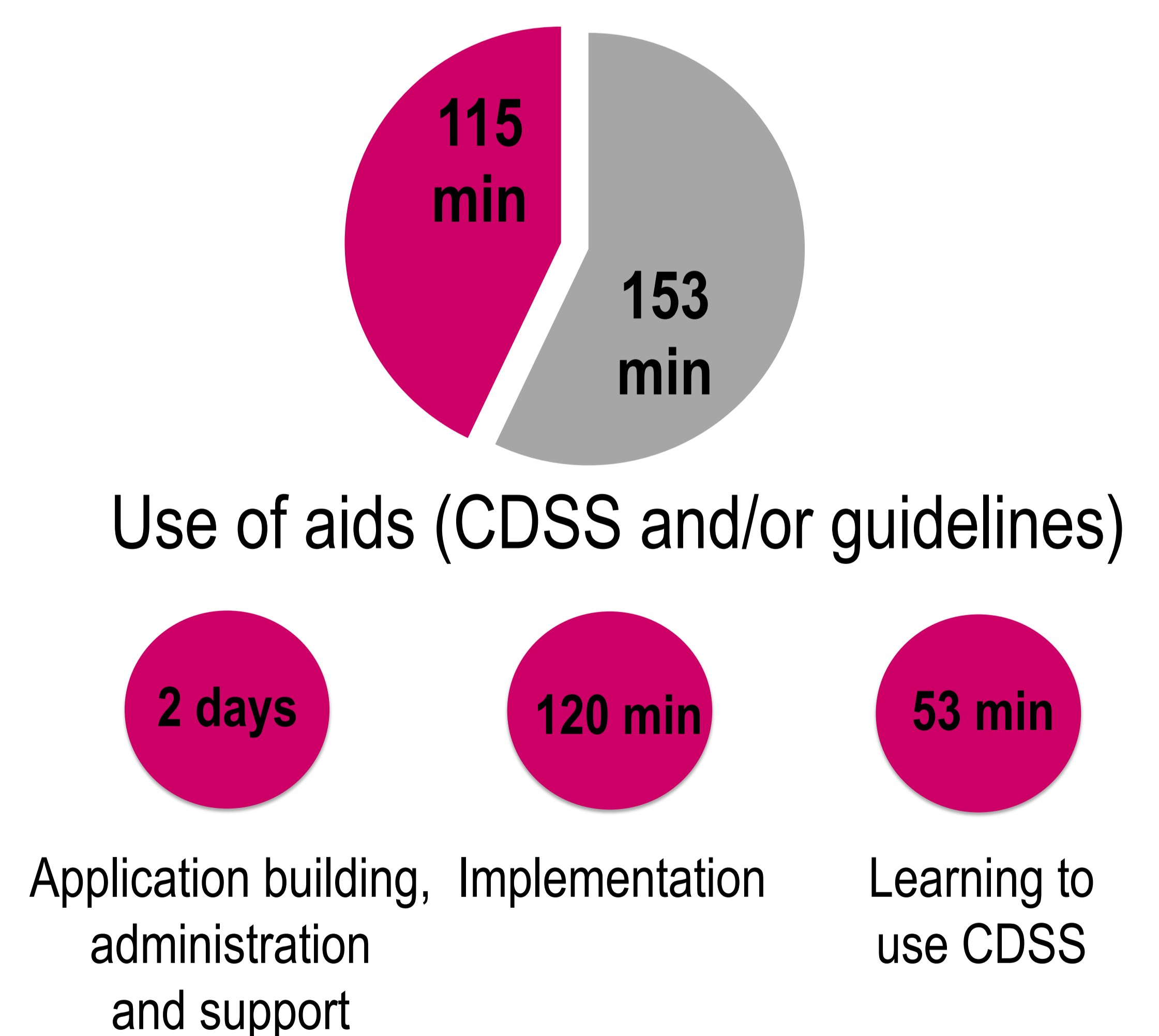
### Study design



### Performance of guideline recommendations



### Time spent on aids



### Conclusion

- » Groups do not differ significantly in adherence to guidelines (ceiling effect)
- » CDSS saves time: intervention group spent less time on use of aids



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