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ICT-onderwijsmonitor

Ict-gebruik in les

Hans van Gennip
Huub Braam
Ed Smeets



ICT-onderwijsmonitor

- Longitudinaal: 1998-2005
- Onderwijssectoren
- Steekproef / populatie
- Coördinatoren, leraren, (leerlingen)
- Vaste kengetallen

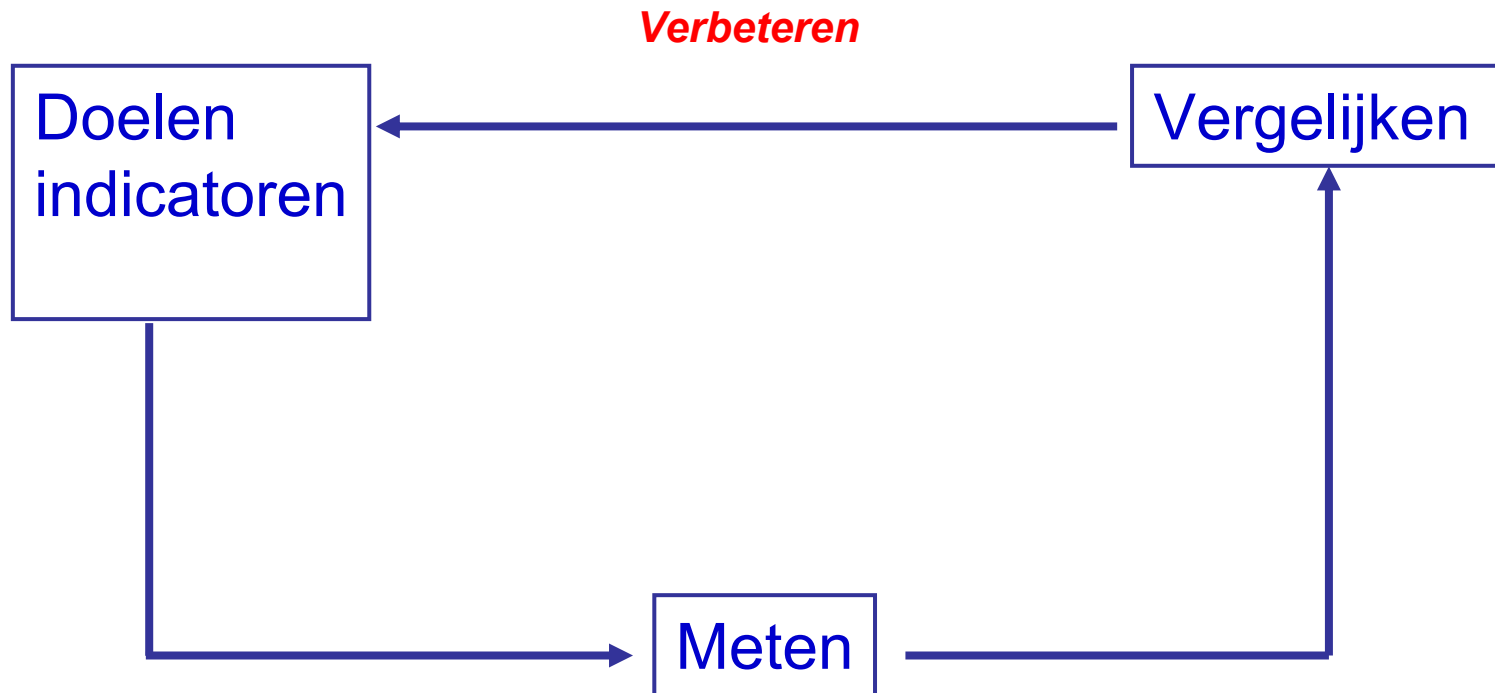


ICT-onderwijsmonitor

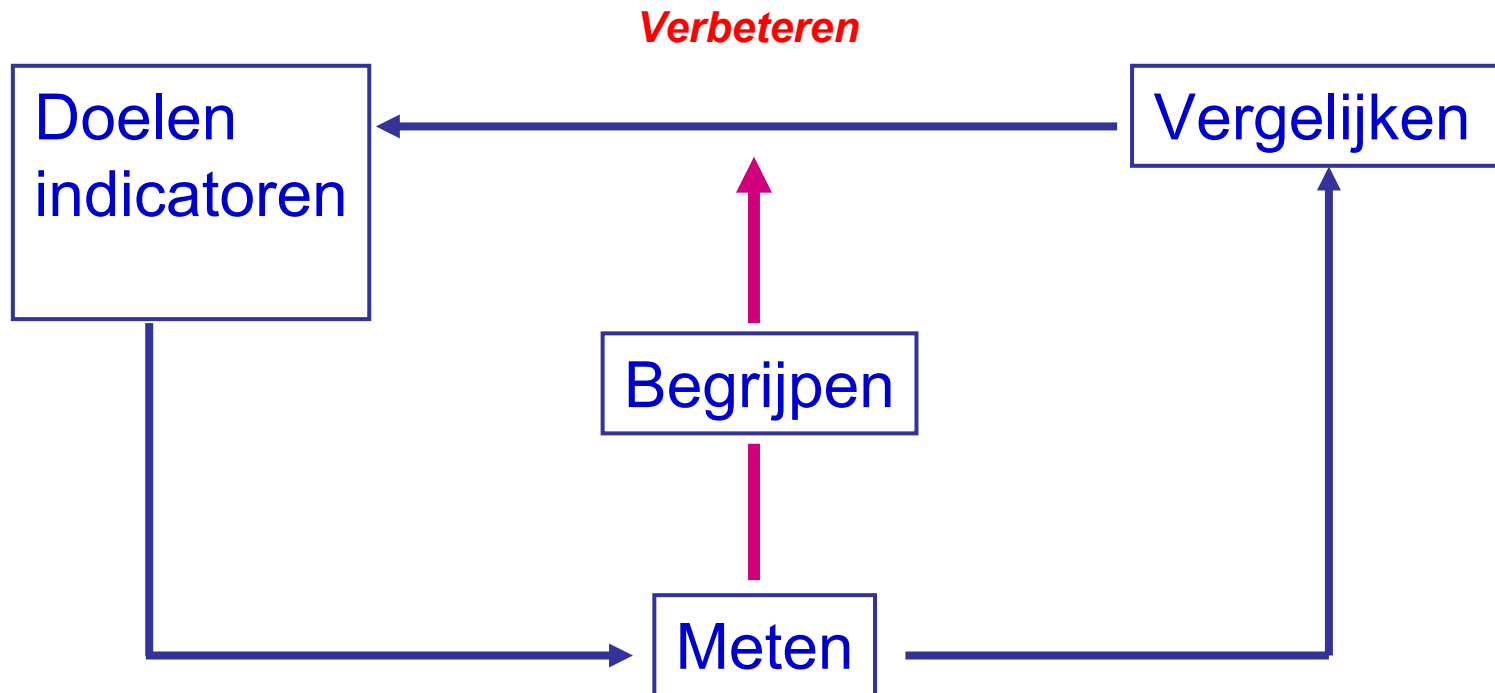
- Longitudinaal: 1998-2005
- Onderwijssectoren
- Steekproef / populatie
- Coördinatoren, leraren, (leerlingen)
- Vaste kengetallen
- Kwantitatief
- Kwalitatief
- Feedback scholen
- Tweede Kamer
- Uitgevers
- IVA Tilburg



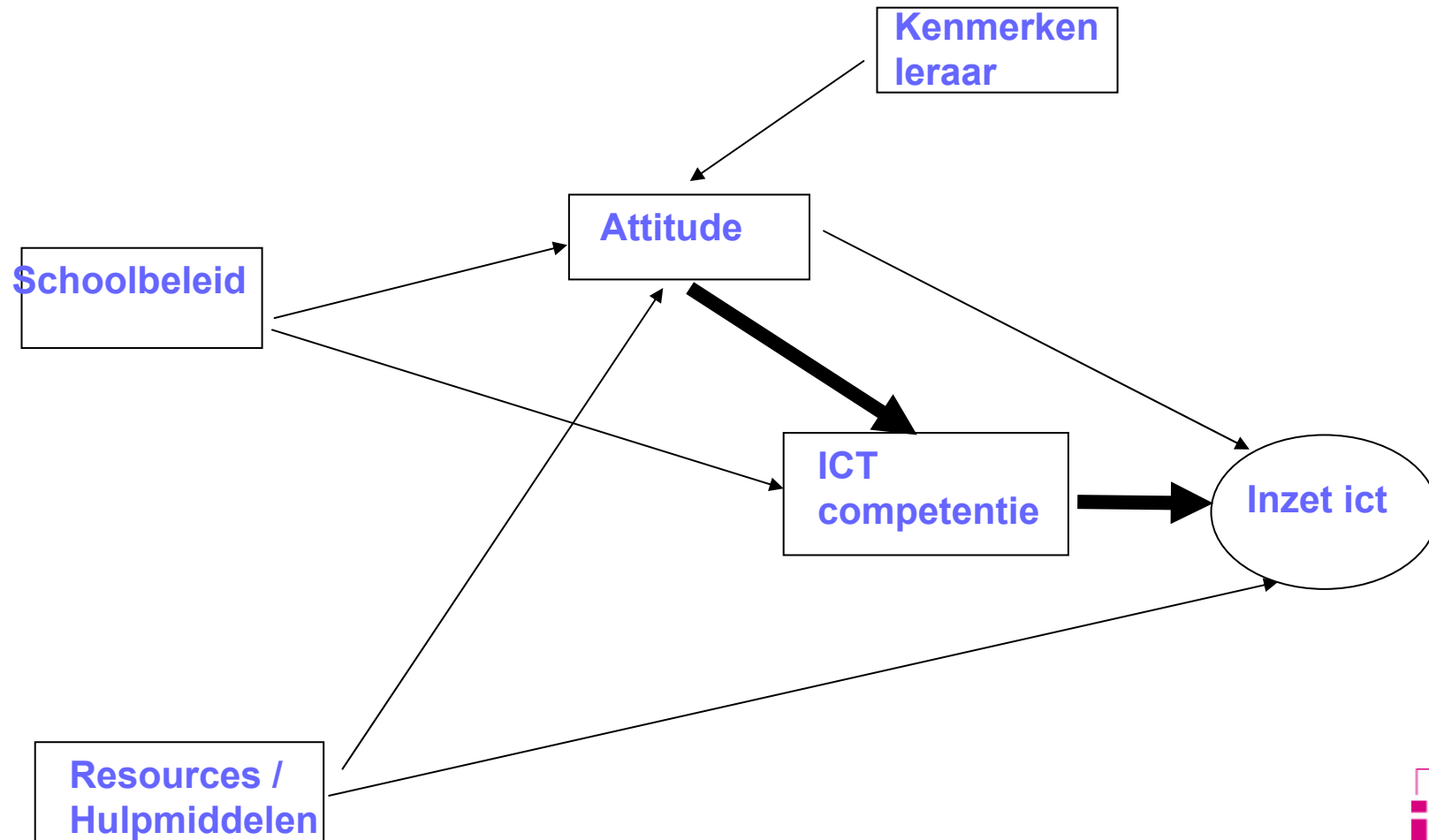
Funcities monitoren



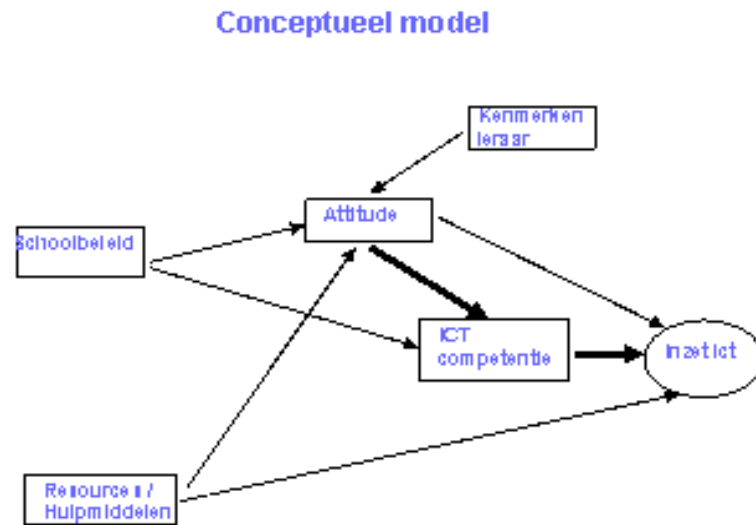
Funcities monitoren



Conceptueel model



Hypothesen



- Persoonskenmerken weinig invloed
- Ict-infrastructuur & educatieve software: geringe invloed
- Schoolbeleid invloed op ict-attitude en competenties
- Positieve ict-attitude leidt tot meer competenties
- (Didactische) ict-competentie leidt tot intensiever ict-gebruik

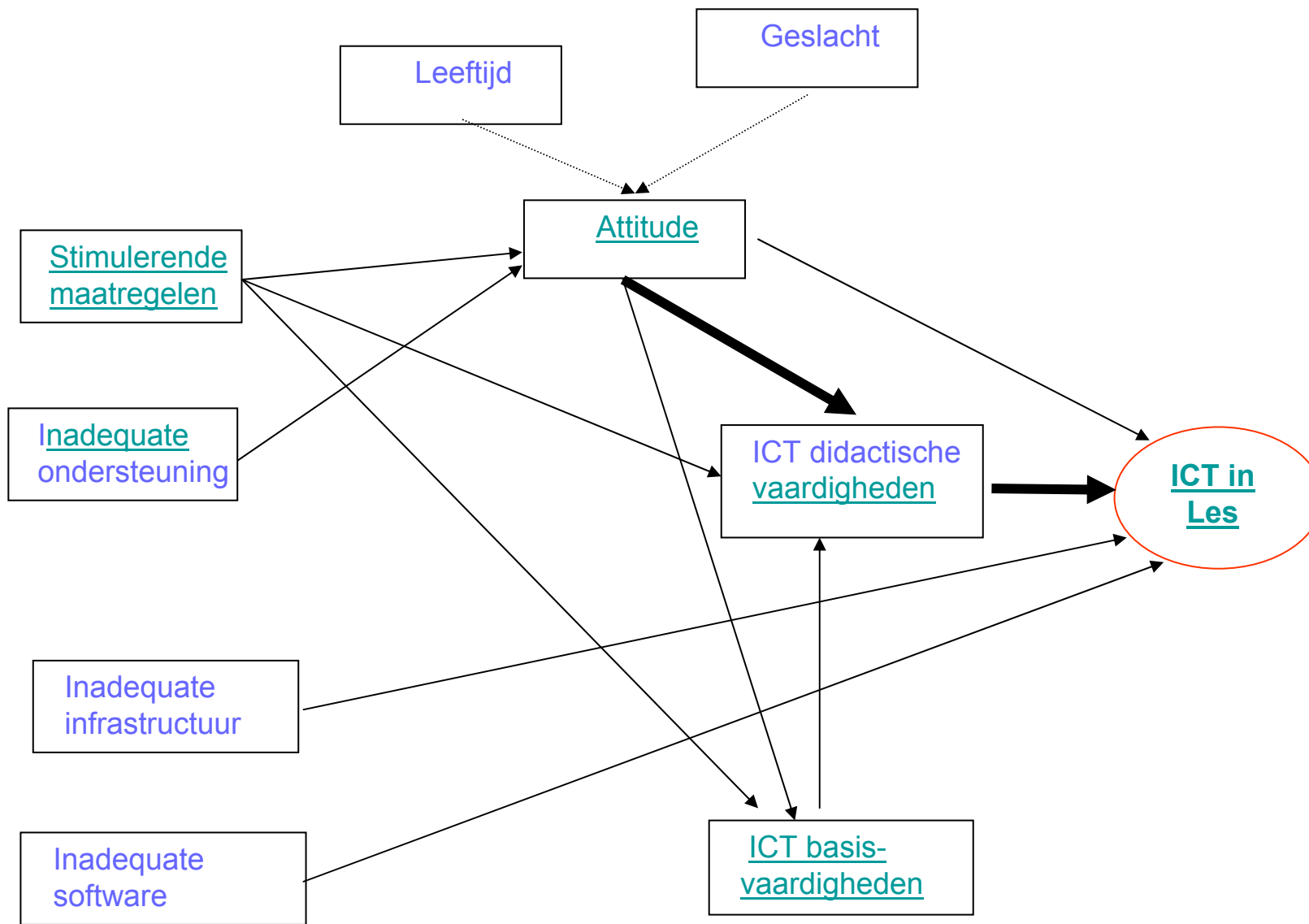


Survey

- 156 leraren onderbouw, 39,2 jaar, 88% vrouw
- 92 leraren bovenbouw, 42,2 jaar, 38% vrouw
- Ict-coördinatoren

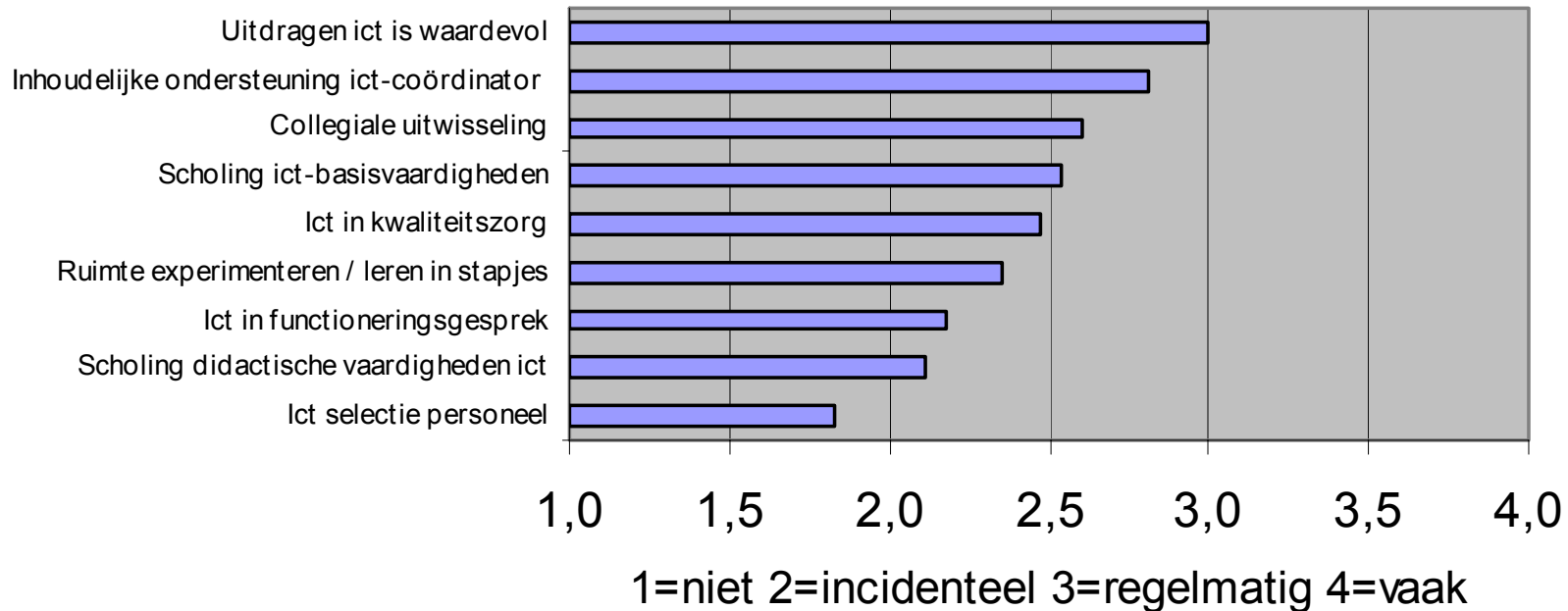


Te toetsen model



Stimulerende maatregelen school

Stimulering ict op schoolniveau

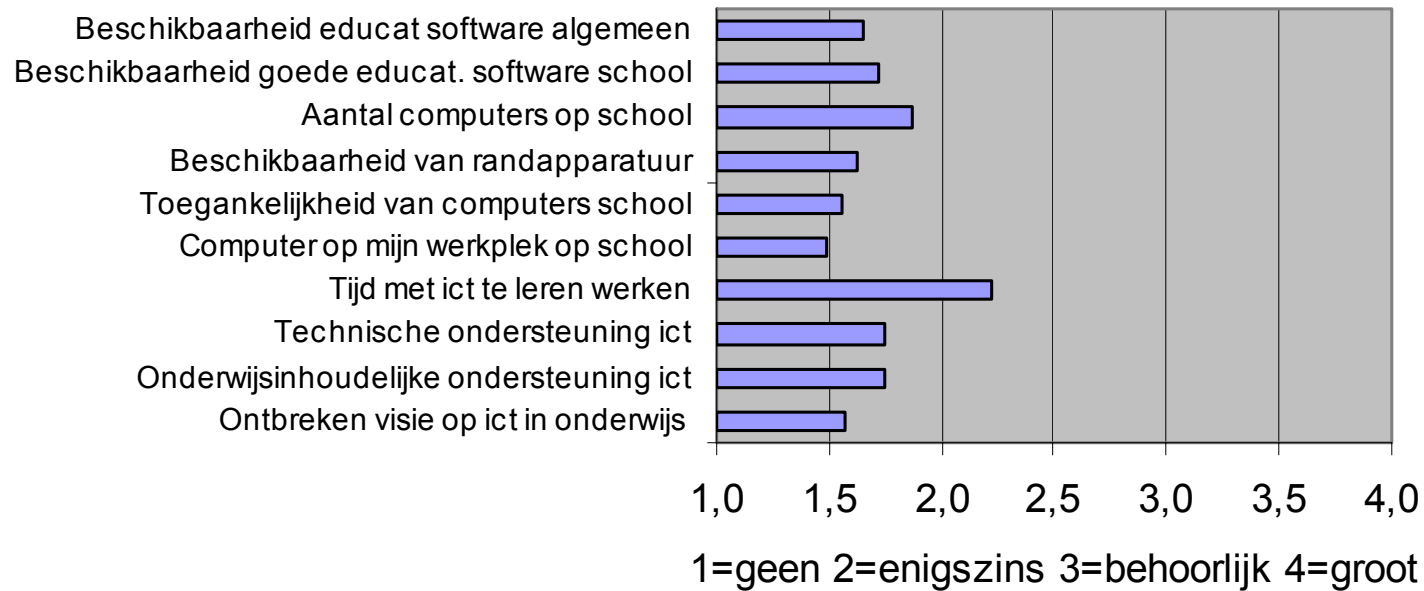


[Model](#)



Resources

Knelpunten

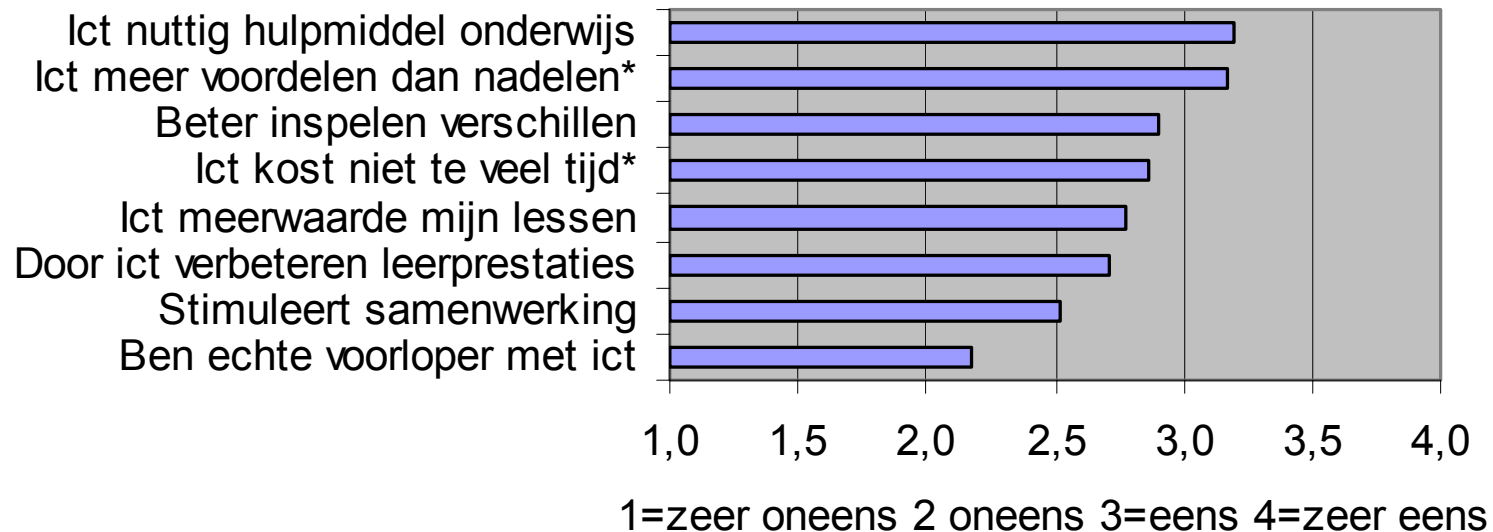


Model



Houding / motivatie

Attitude ict (n=248)

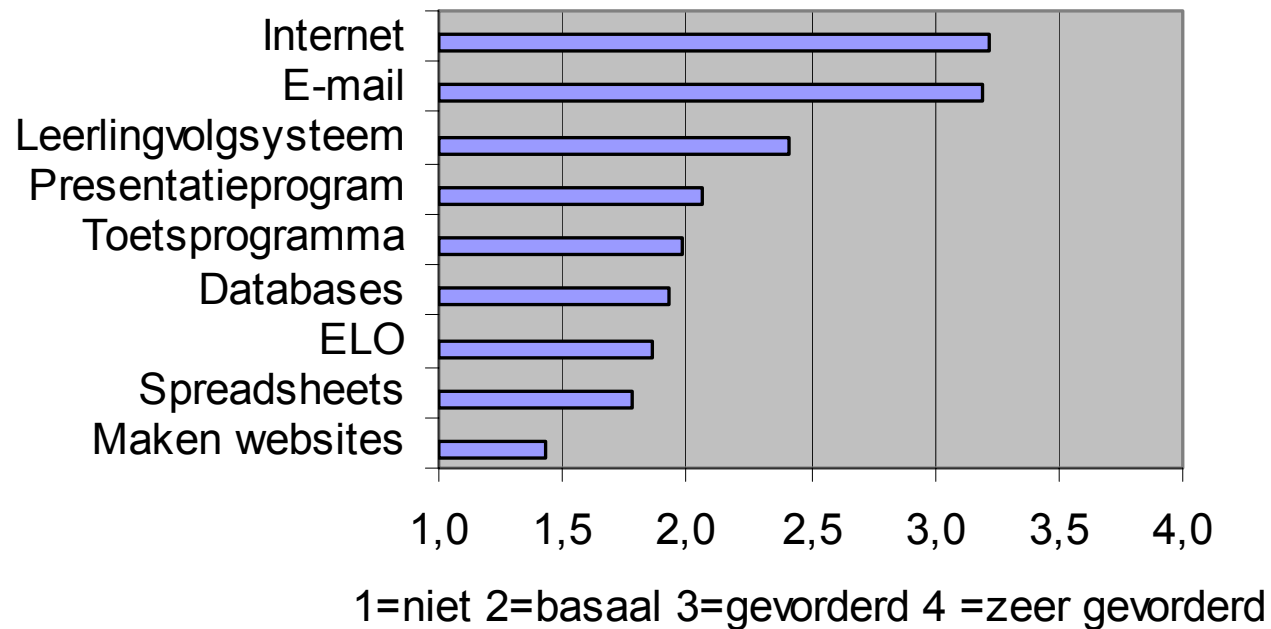


Model



Competenties

Ict-basisvaardigheden (n=248)

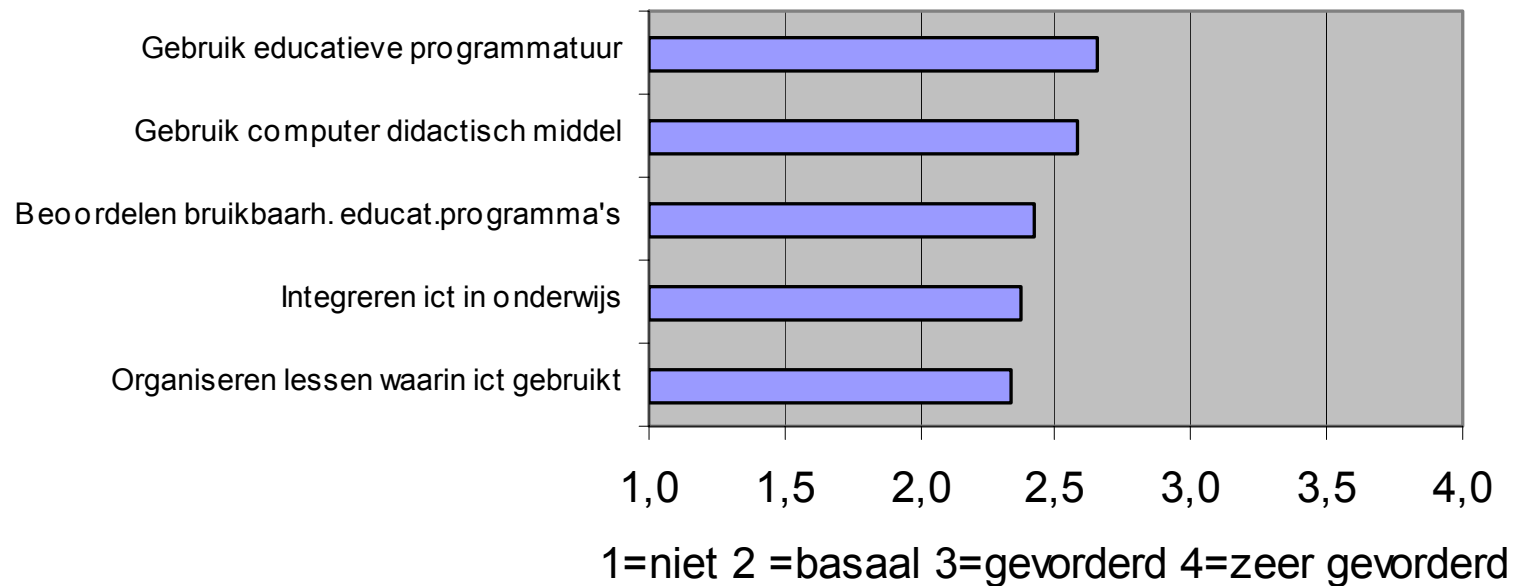


Model



Competenties

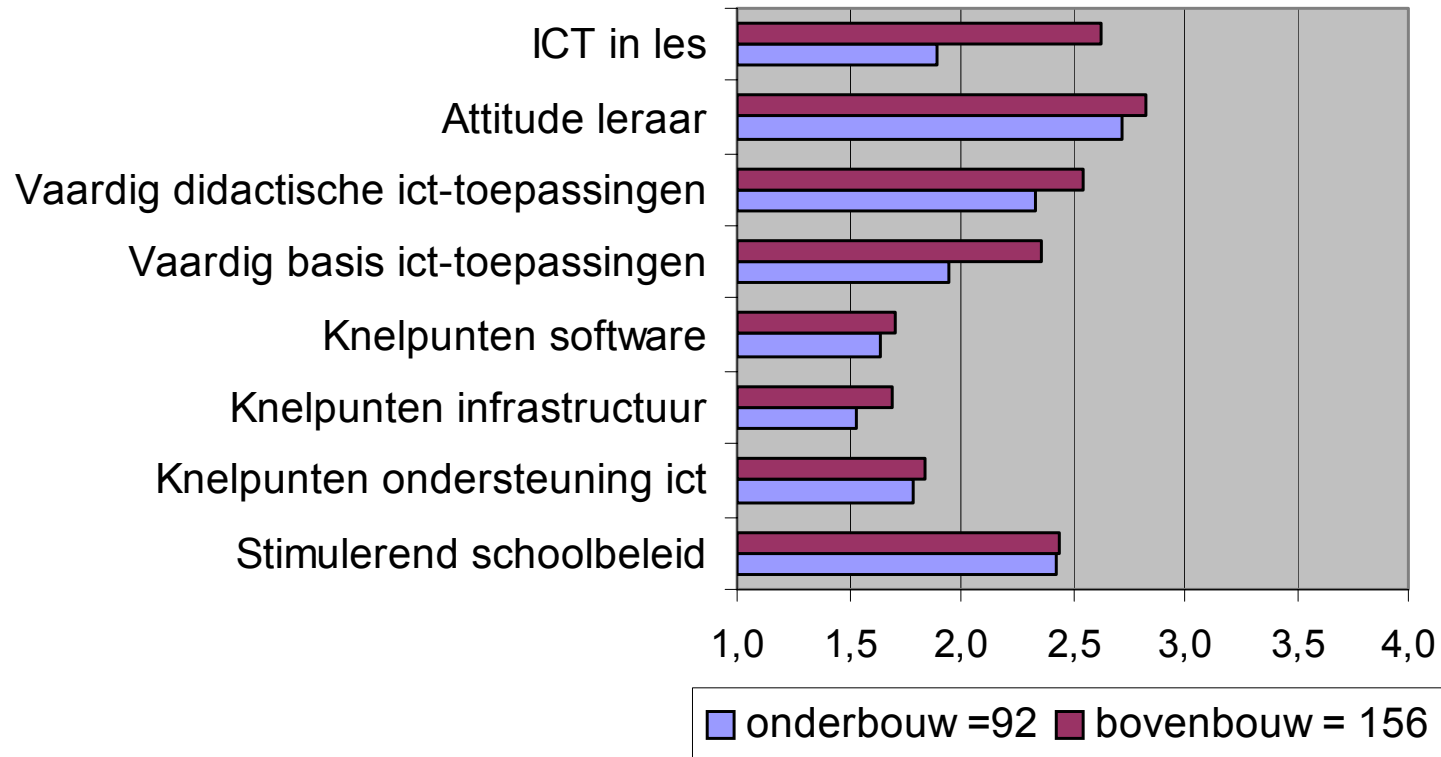
Didactische ict-vaardigheden (n=248)



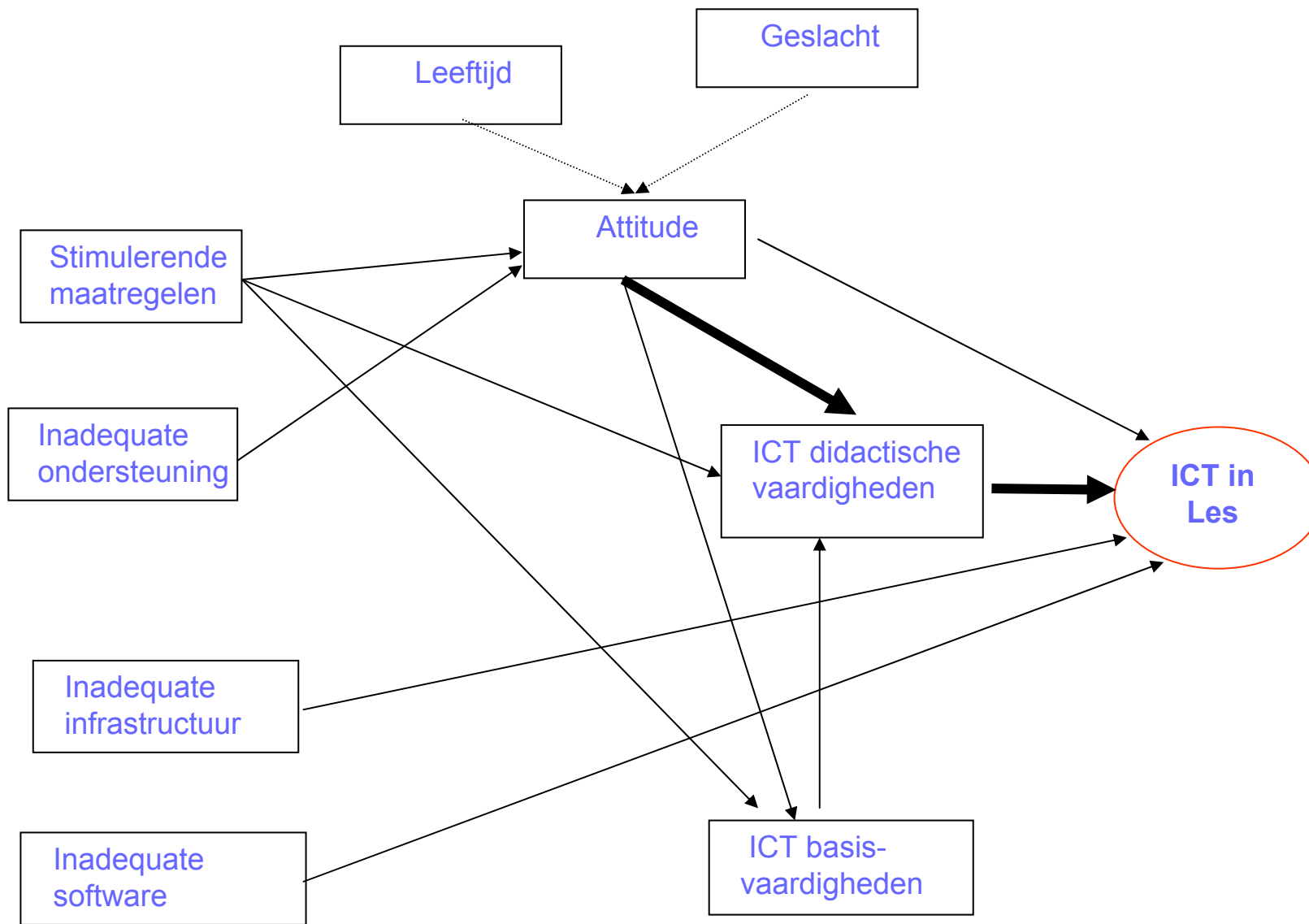
Model



Onder- en bovenbouw

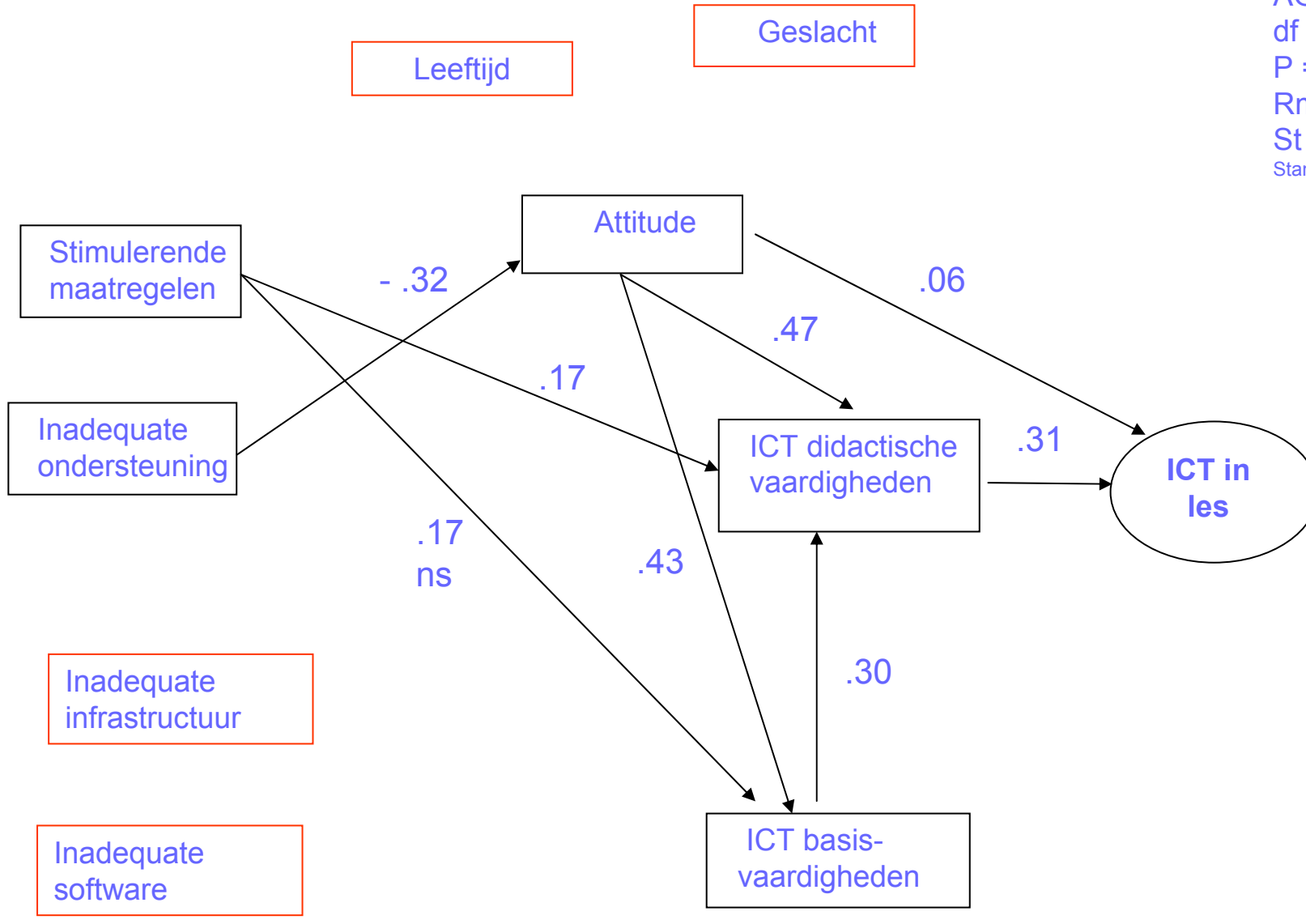


Te toetsen model



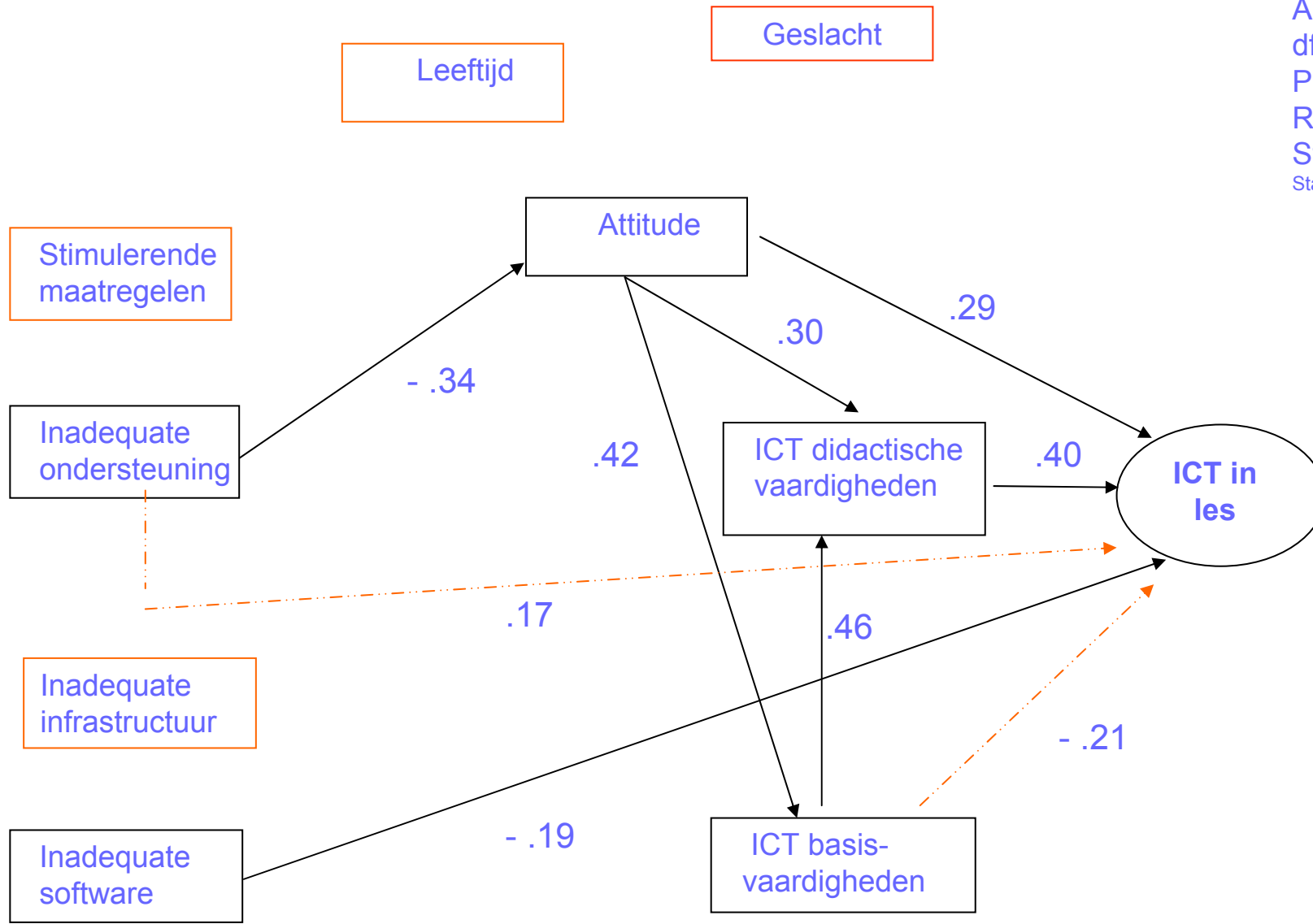
Eindmodel Onderbouw

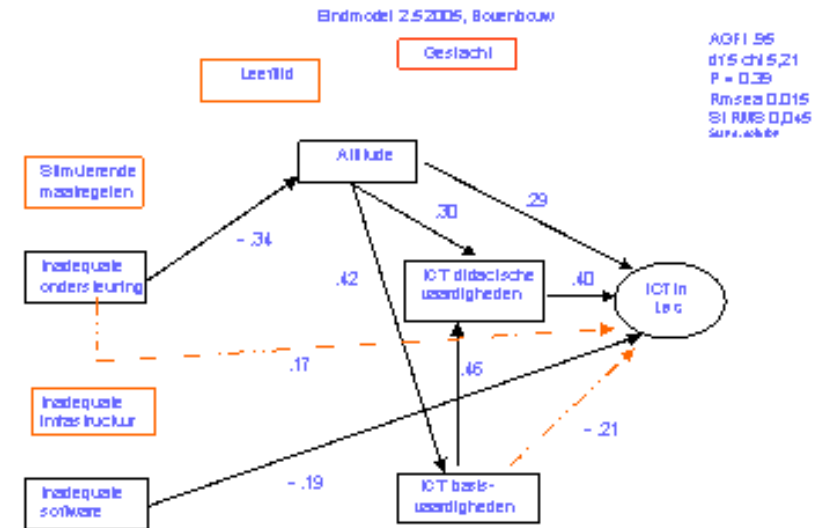
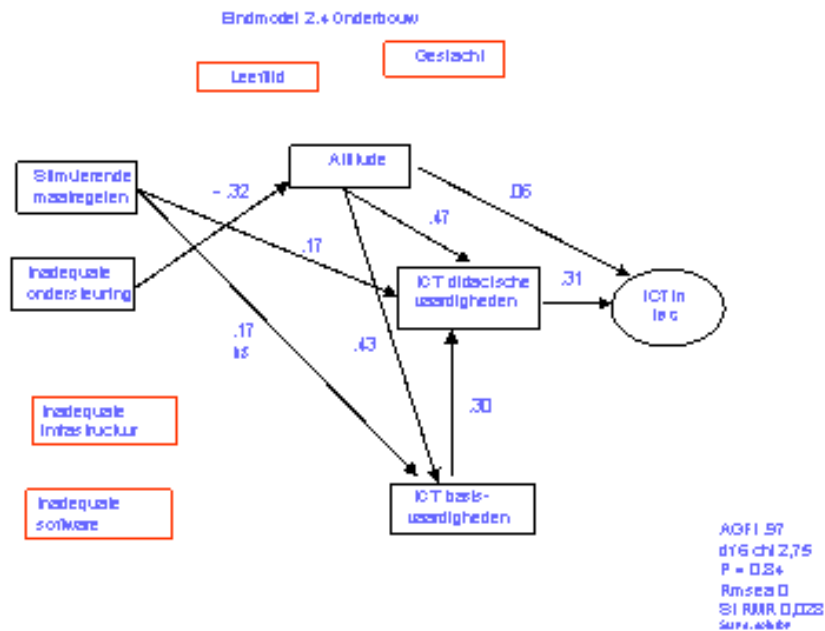
AGFI .97
df 6 chi 2,75
P = 0.84
Rmsea 0
St RMR 0,028
Stand. solution



Eindmodel Bovenbouw

AGFI .95
df 5 chi 5,21
P = 0.39
Rmsea 0.015
St RMS 0,045
Stand. solution





- Verschillen onder- en bovenbouw
- Ict-attitude van invloed op ict-competenties, in bovenbouw ook direct op gebruik
- Didactische ict-vaardigheid heeft meest effect op gebruik ict
- Beïnvloeding van attitude en competentie van leraren door de school lijkt beperkt



<http://www.ict-onderwijsmonitor.nl/>

www.its-nijmegen.nl

