

# Computing at Schools KS4 Assessment working group: Survey findings July 2017

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# Background

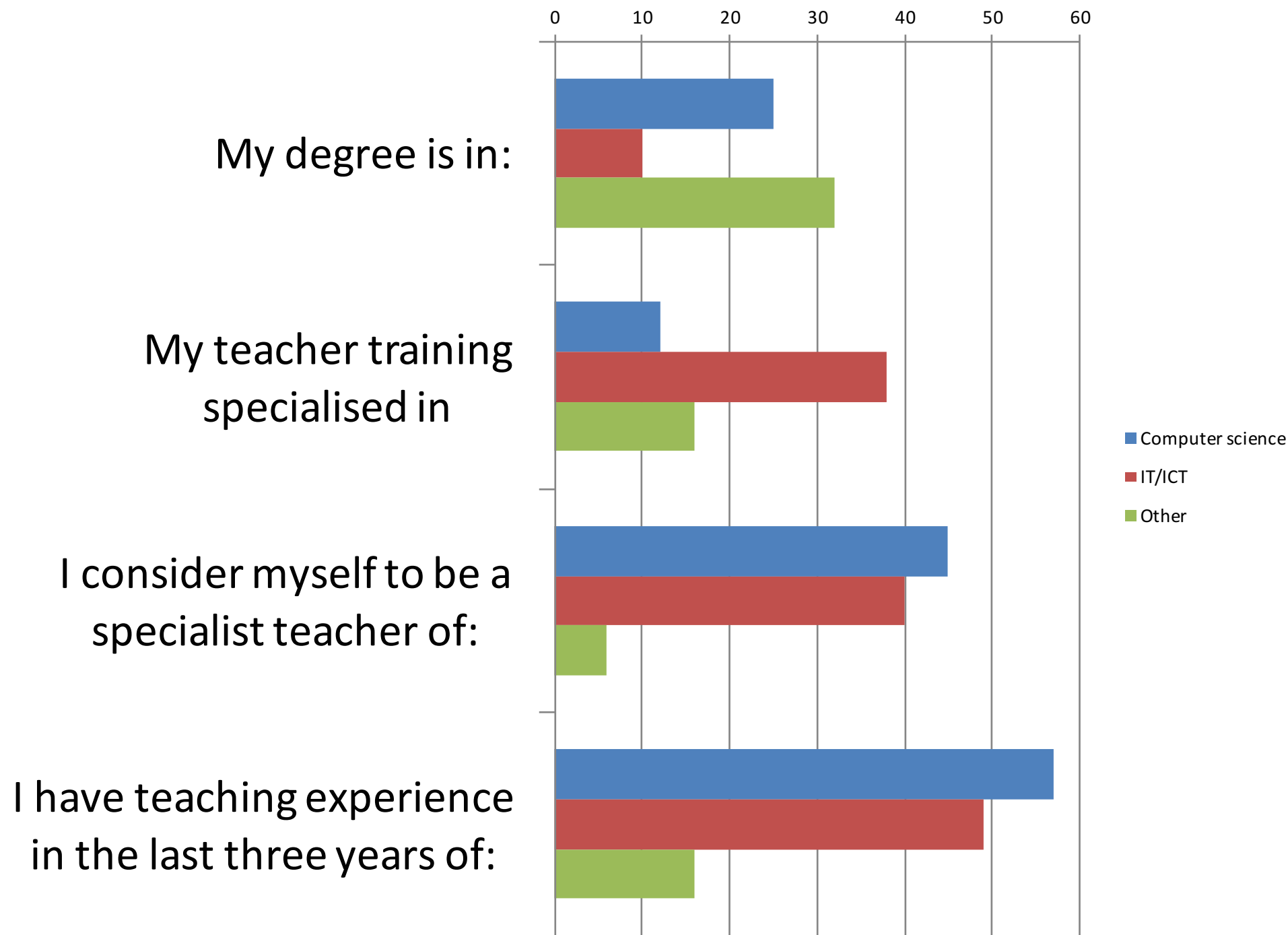
- Short questionnaire
  - c. 70 respondents
- Longer questionnaire
  - c. 50 respondents

# Long questionnaire

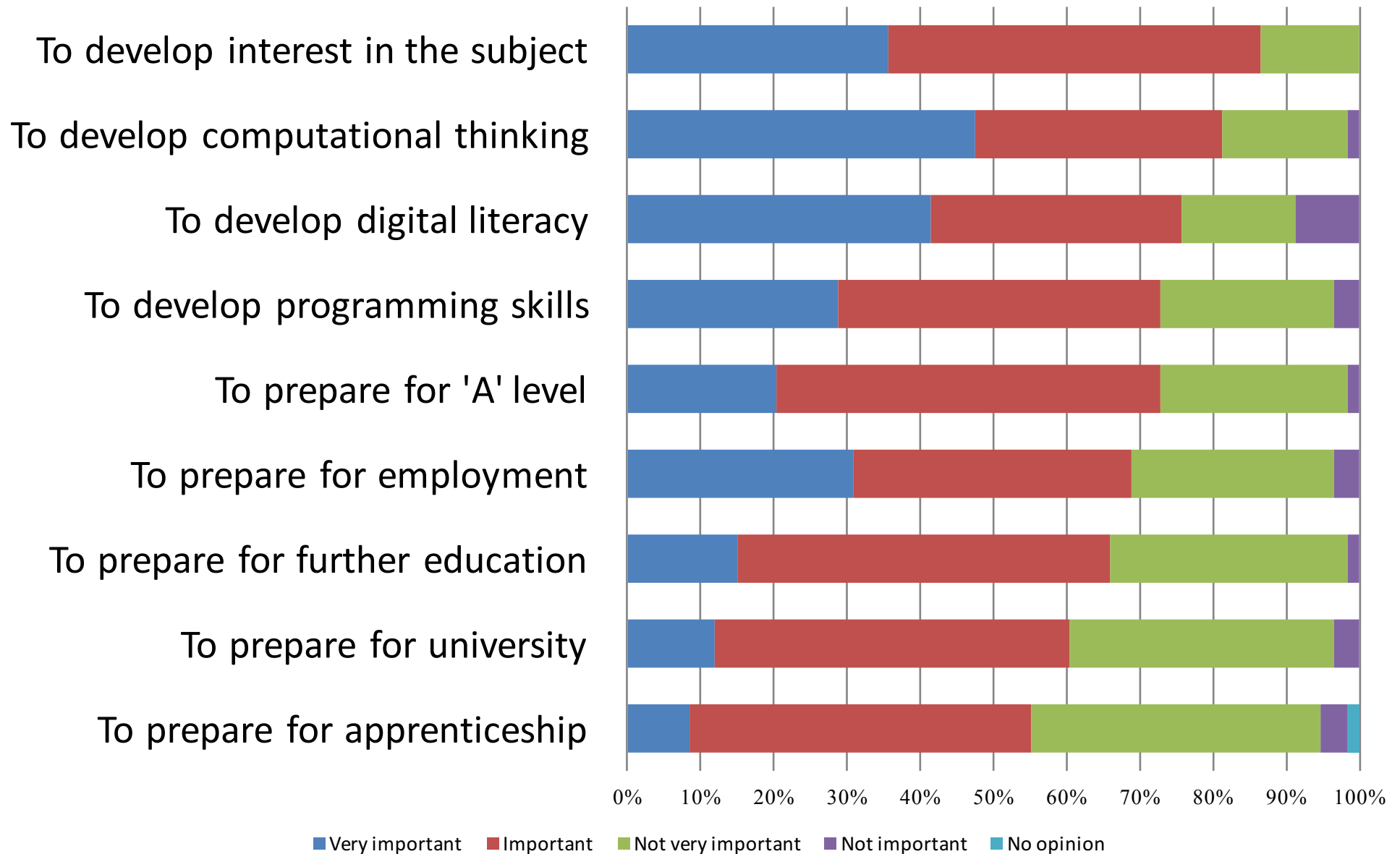
- Respondents
- Purpose
- Current qualifications
  - what encourages/discourages uptake?
  - delivery challenges
- Views on assessment models
- What can CAS do (short questionnaire)

# Respondents

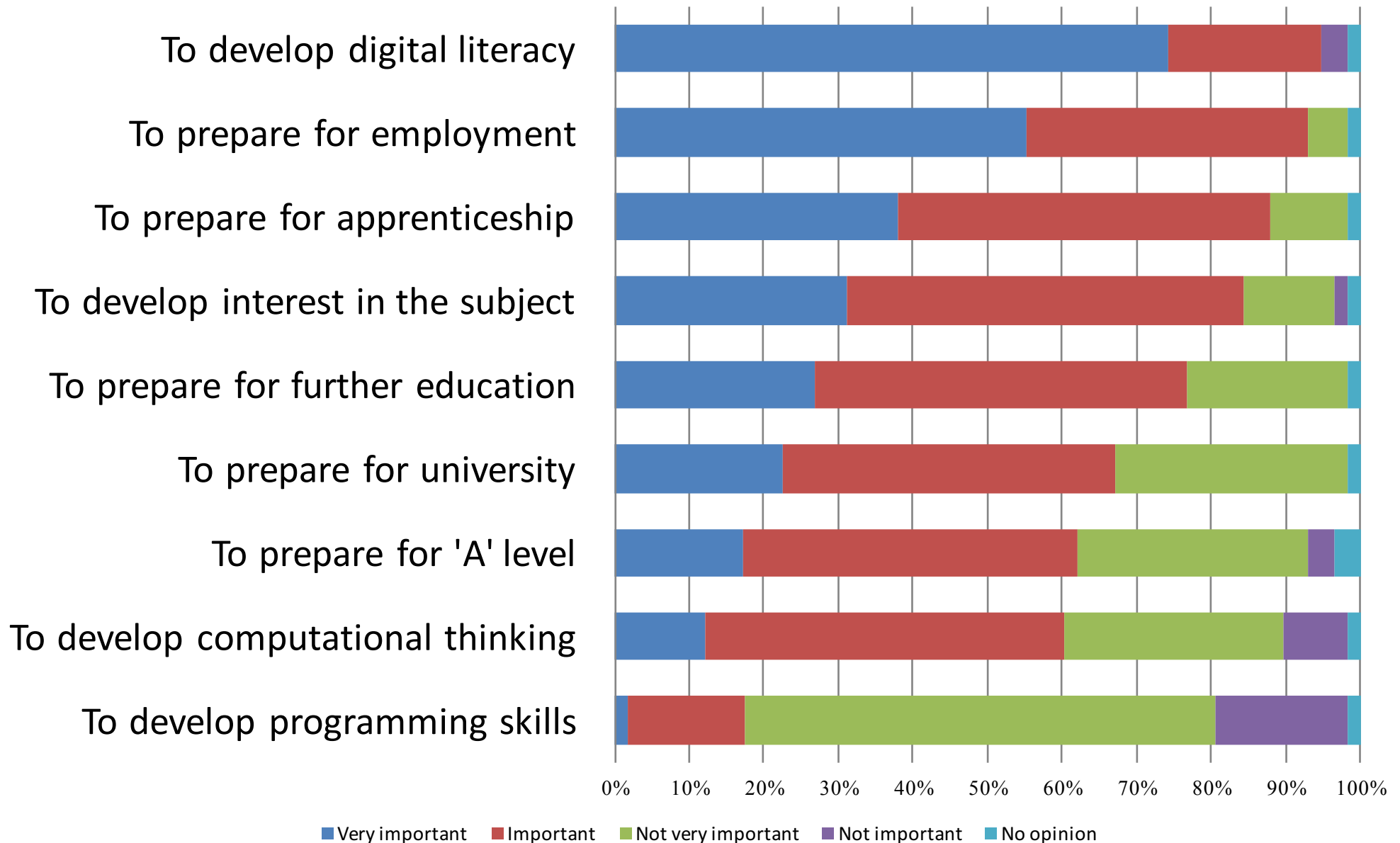
- Subject leaders Computing or ICT
- Comprehensives/academy non-selective
  - Some independent, selectives
- Teaching
  - GCSE Computing/Computer science
  - ECDL
  - OCR Cam Nat in IT
  - Also asked about BTEC, TLM, CIE IGCSE



# Purpose: academic in CS/computing



# Purpose: Tech/VQ in ICT/IT

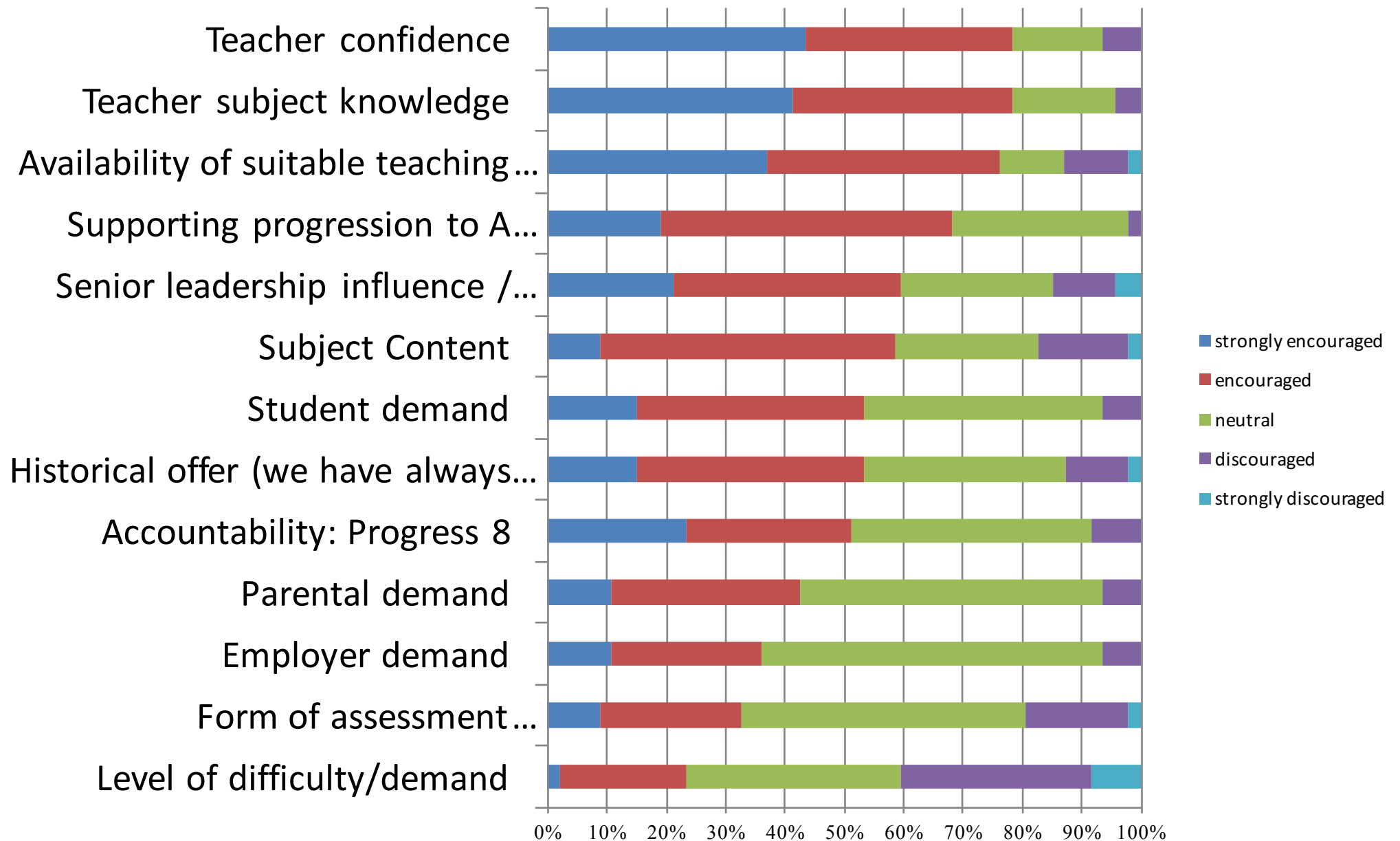


# Current qualifications

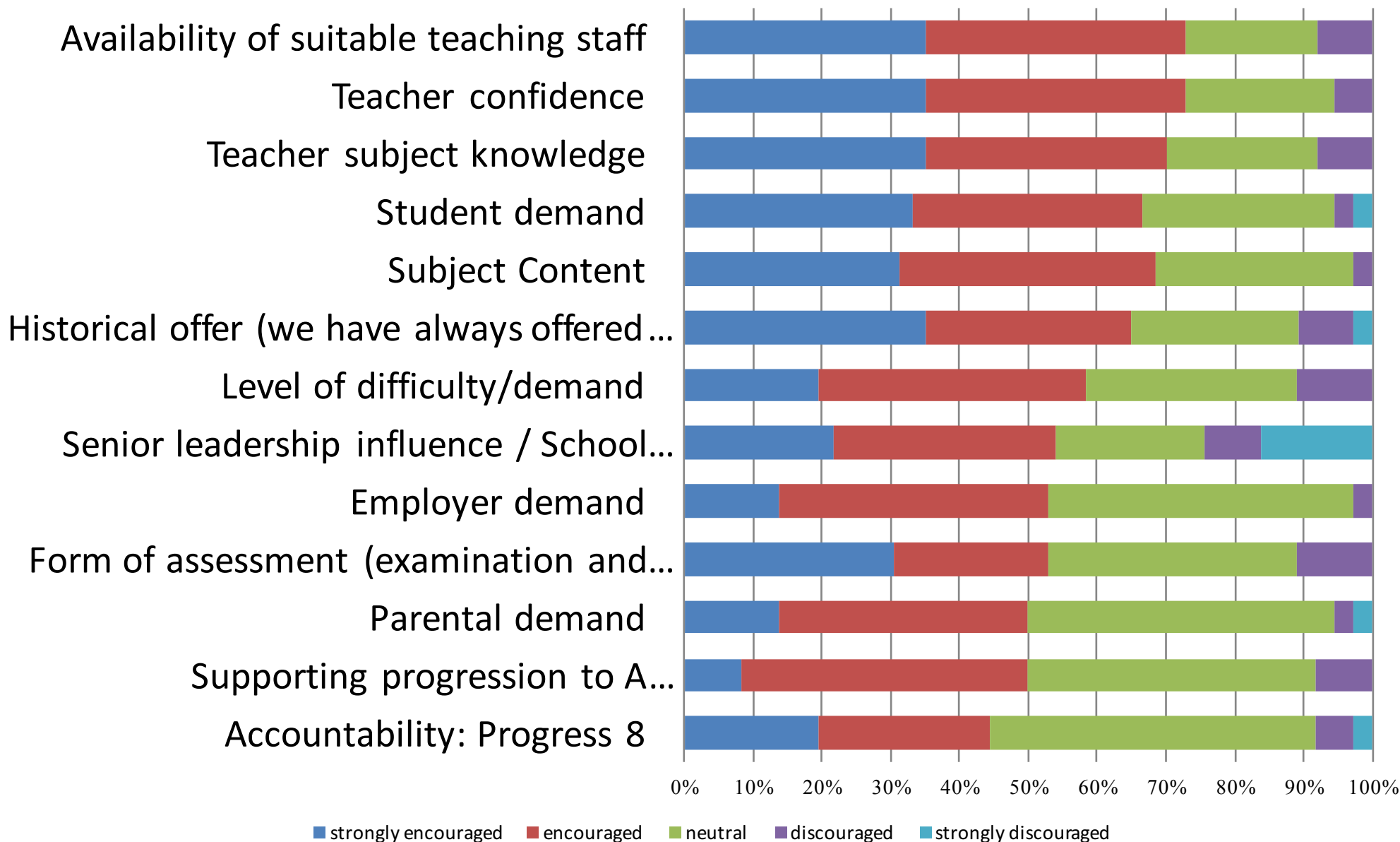
- What encourages/discourages teachers to offer the qualifications?
- Why do teachers think students take the qualifications?
- What limits the number of students taking computing quals?
- Challenges with NEA



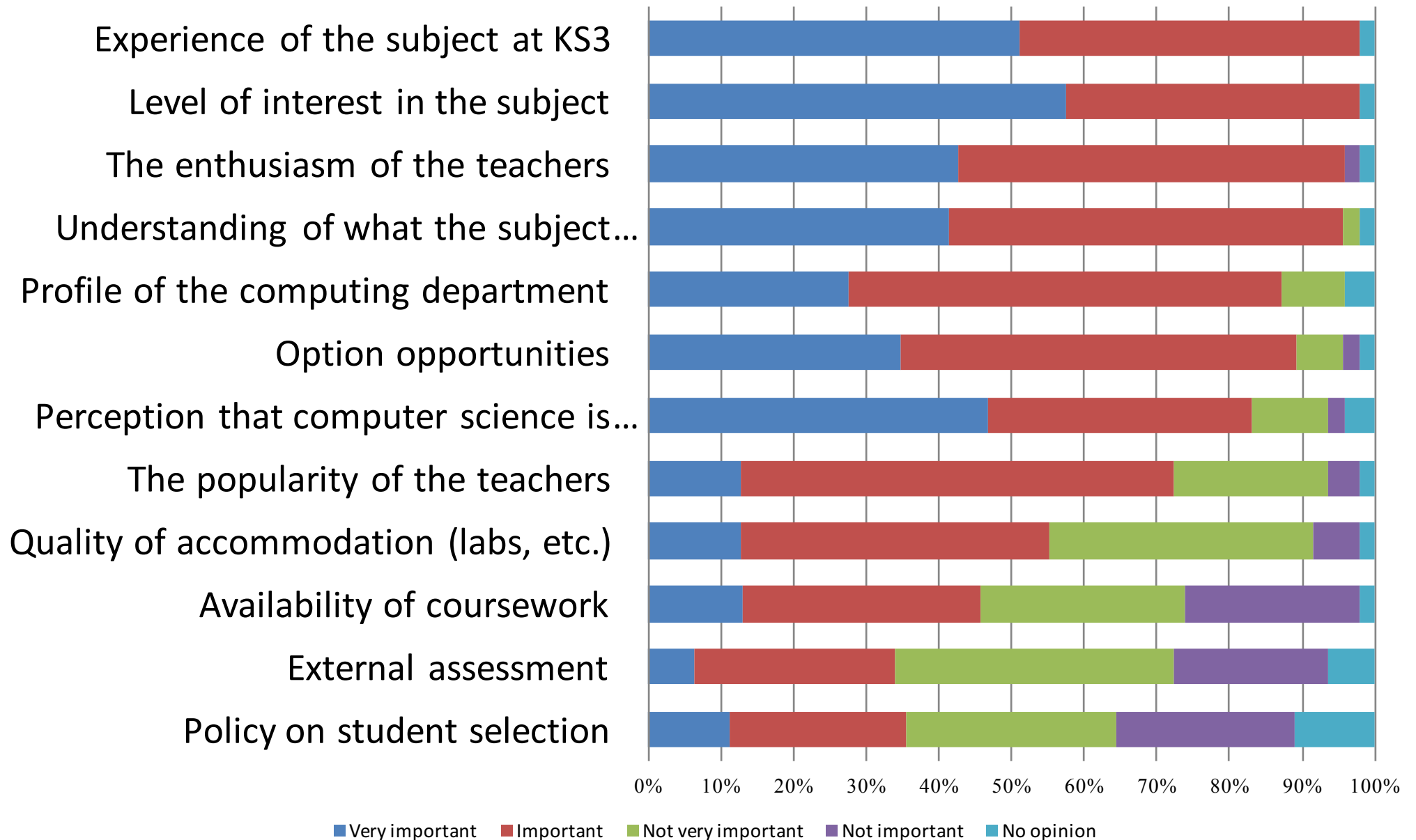
# GCSE CS: encourages



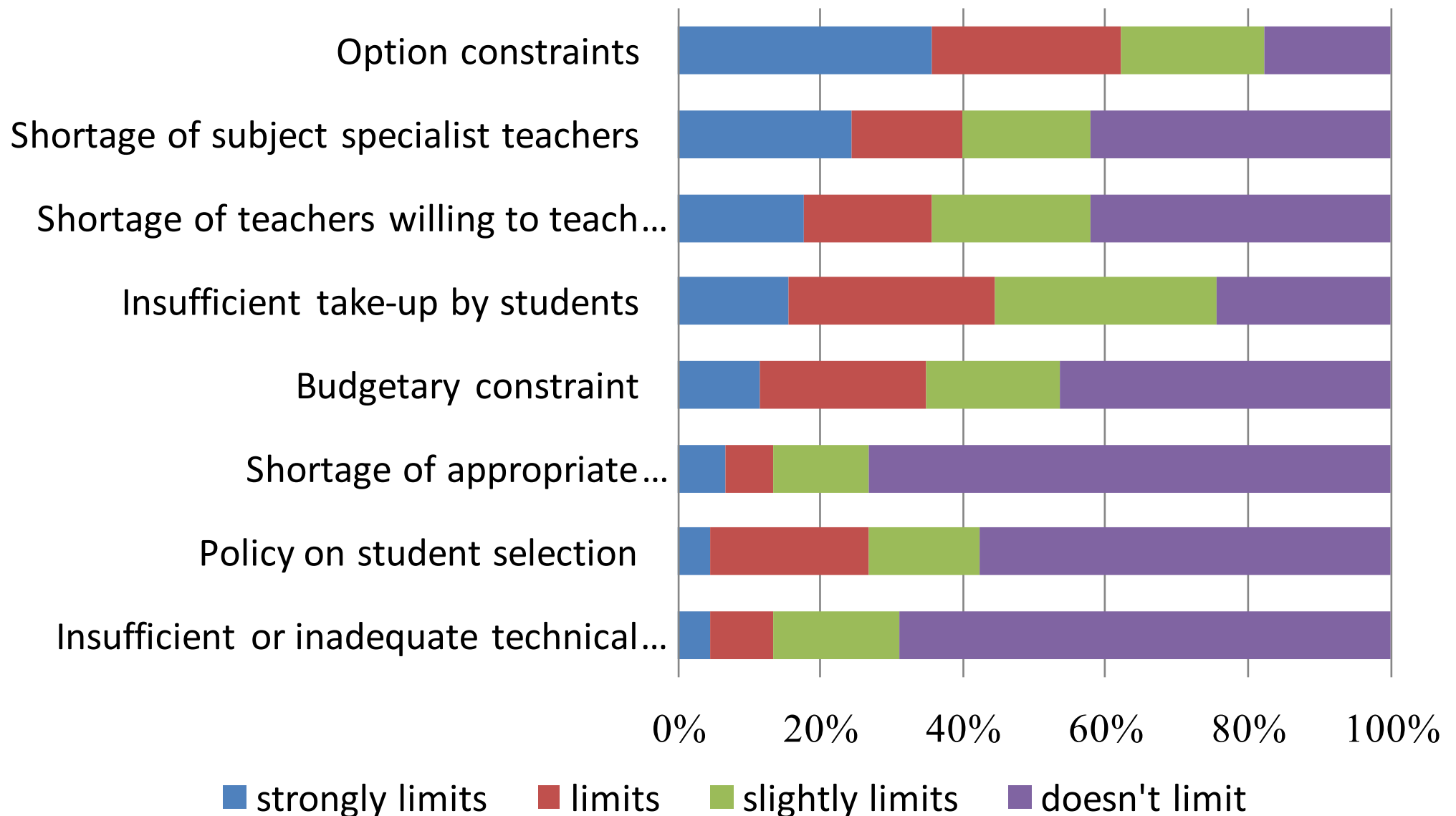
# VQ ICT/IT: encourages



# Students (teachers' views)



# Limiting factors



I have responsive technical support to facilitate the delivery of the qualification

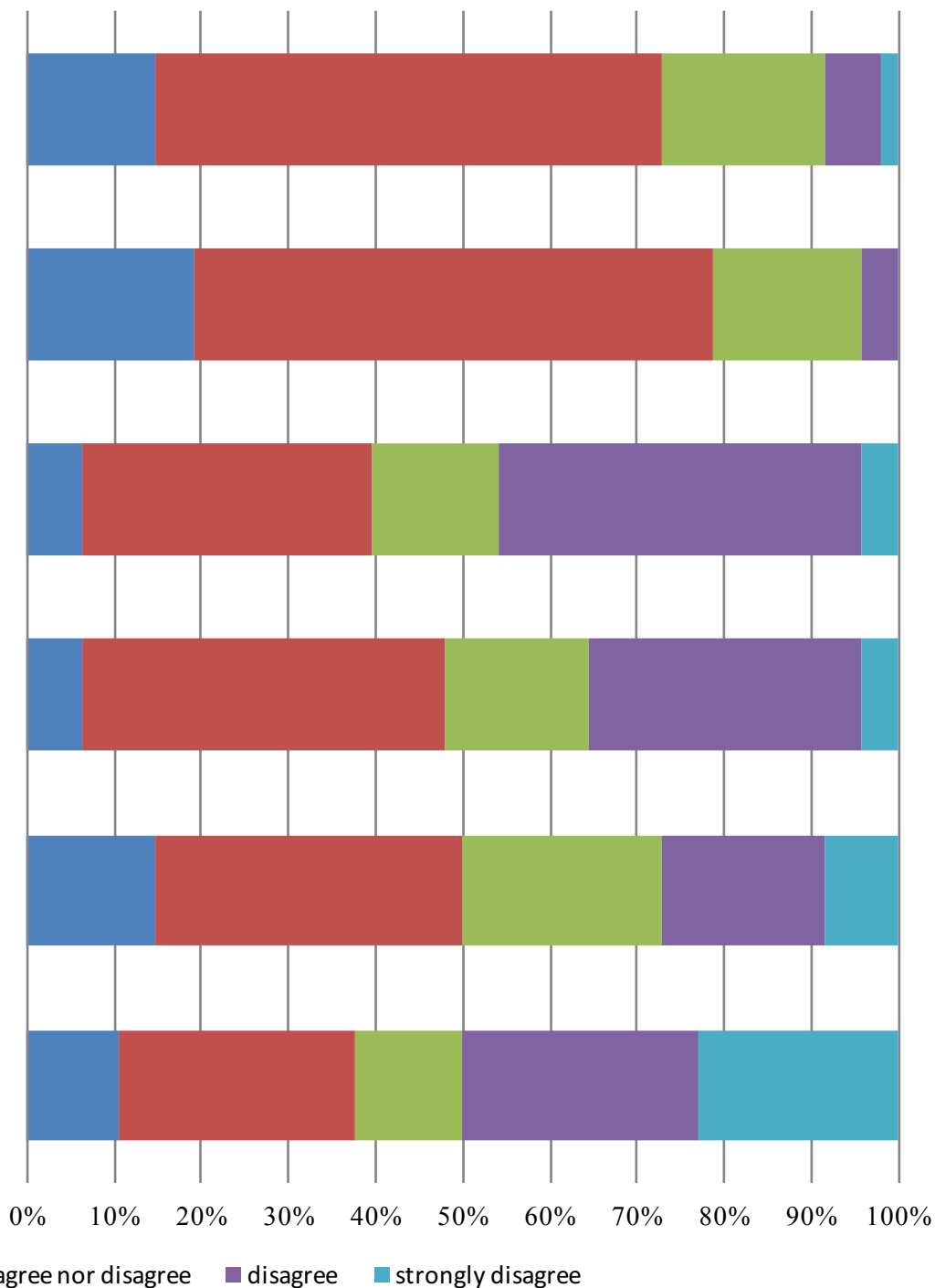
I have access to the equipment required by the qualification

I have access to appropriate CPD related to the subject content

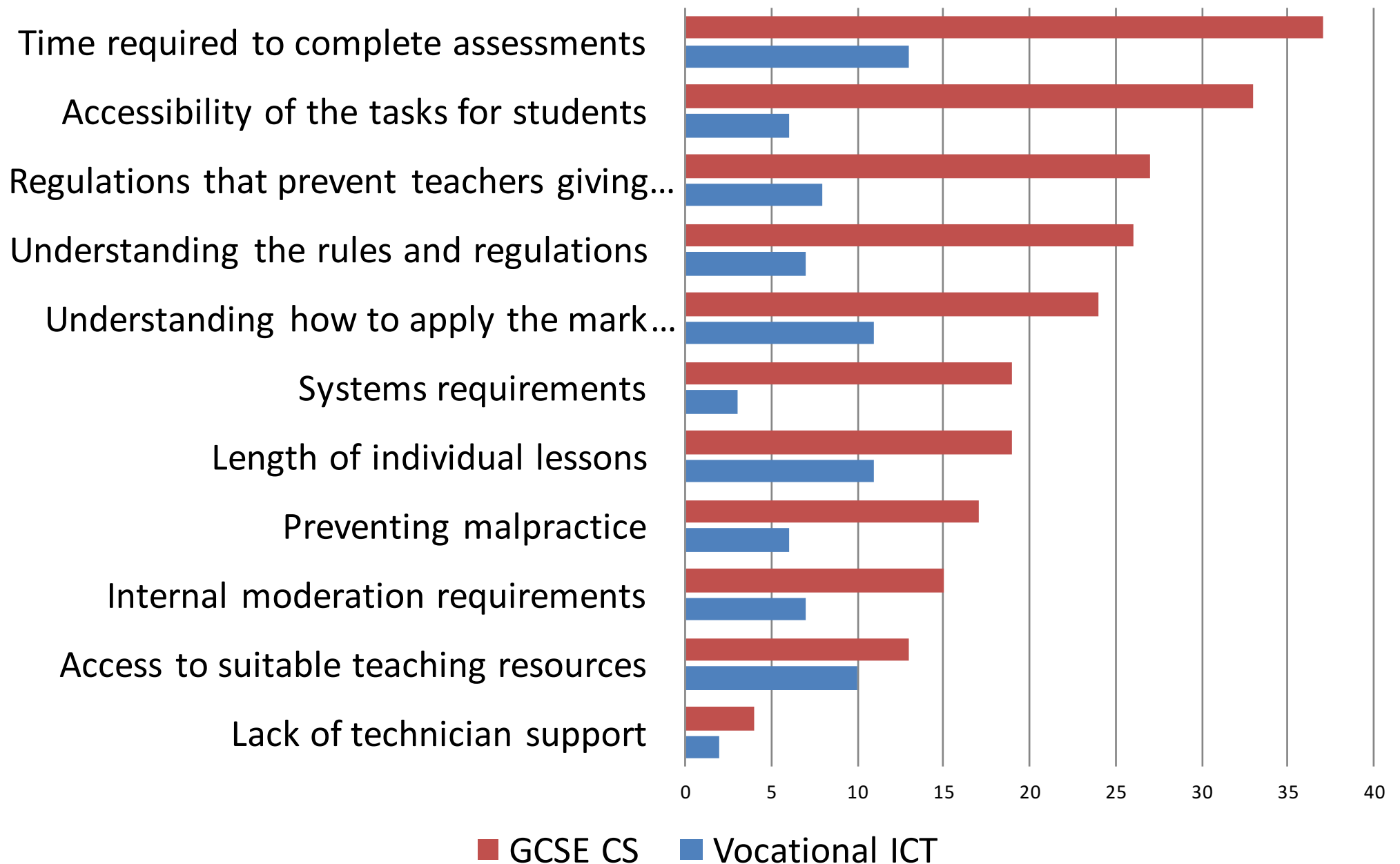
I have access to appropriate CPD related to the examination process

There is school management support for the delivery of computing qualifications

There is sufficient teaching time to cover the curriculum content



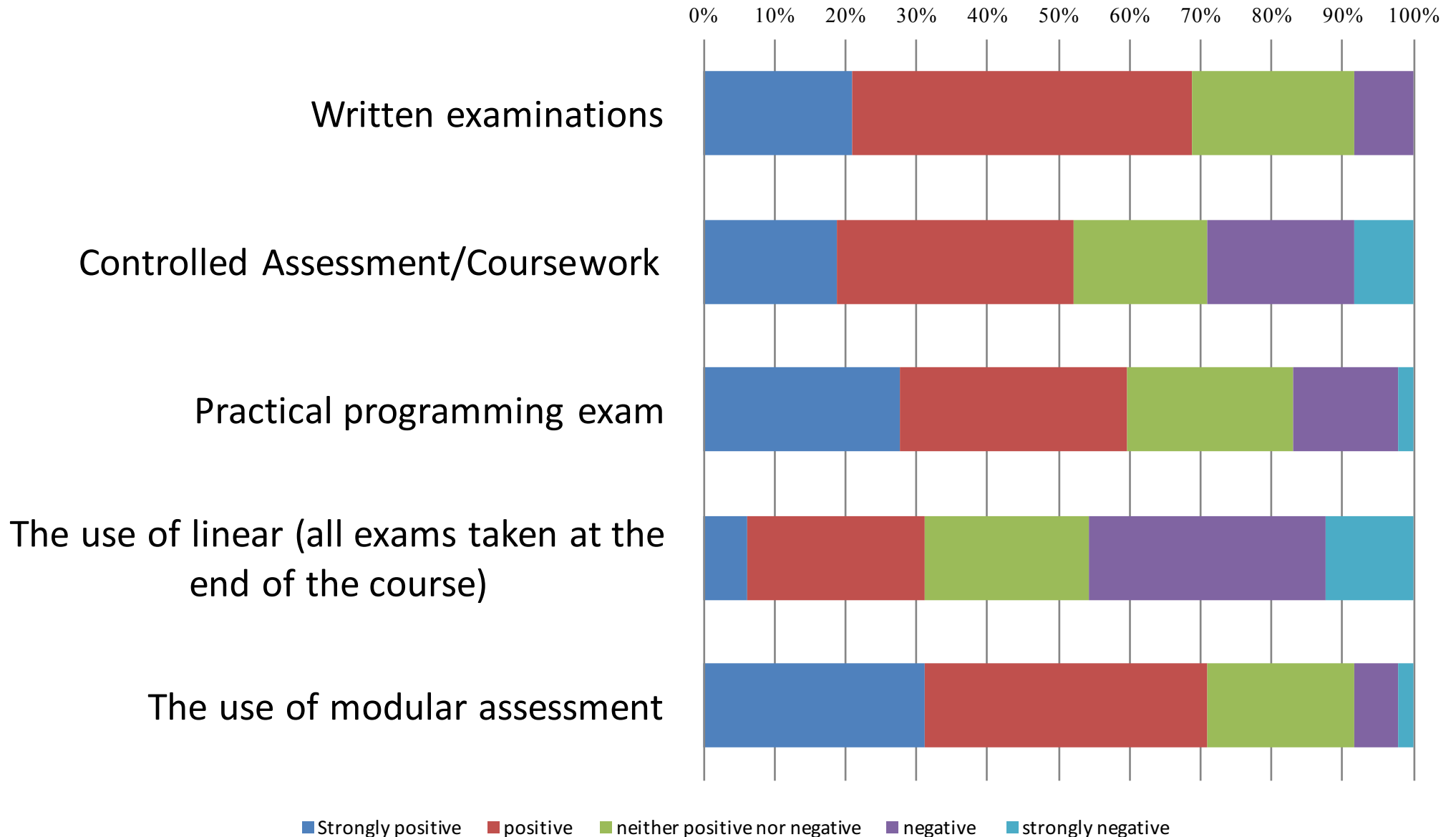
# NEA



# Assessment and qualifications

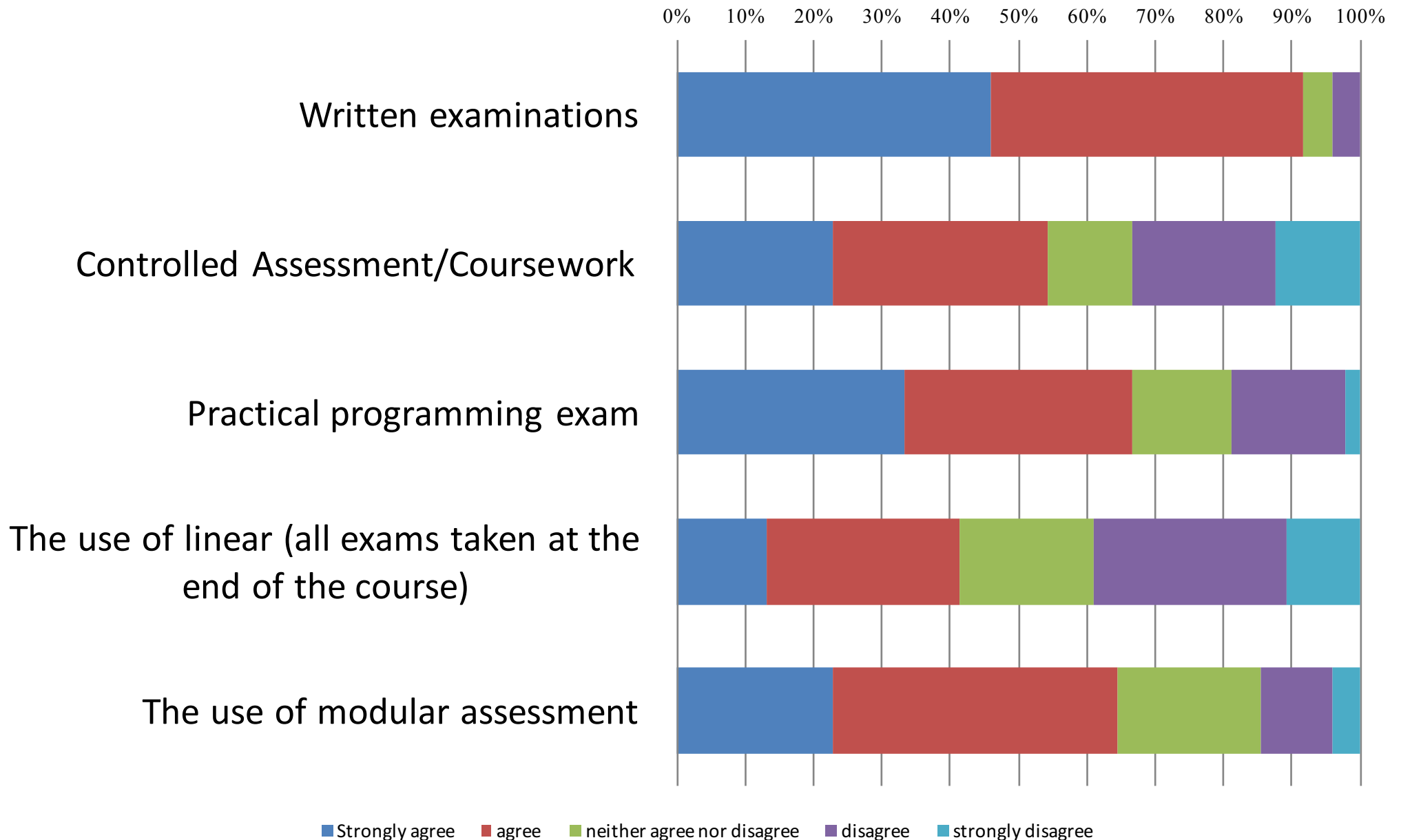
- Forms of assessment
  - Impact on teaching and learning
  - Reliable and valid
- Investigation of science model
- Range of qualifications

# Impact on teaching and learning

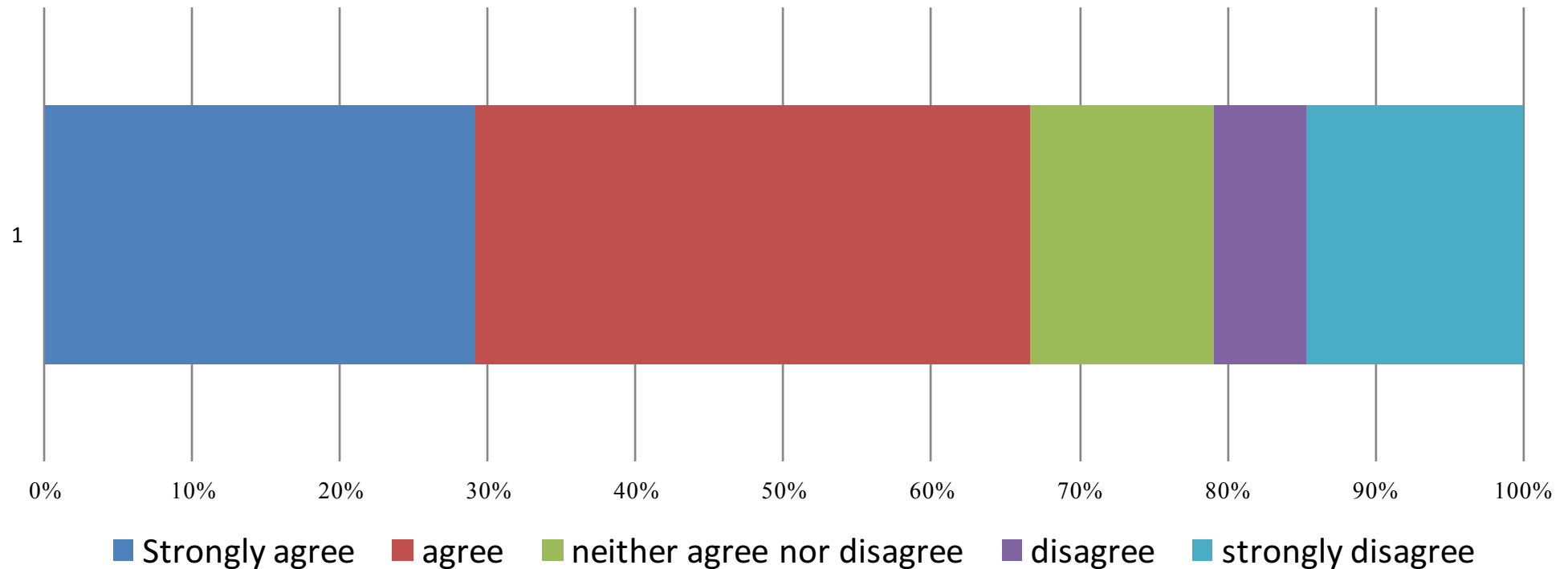




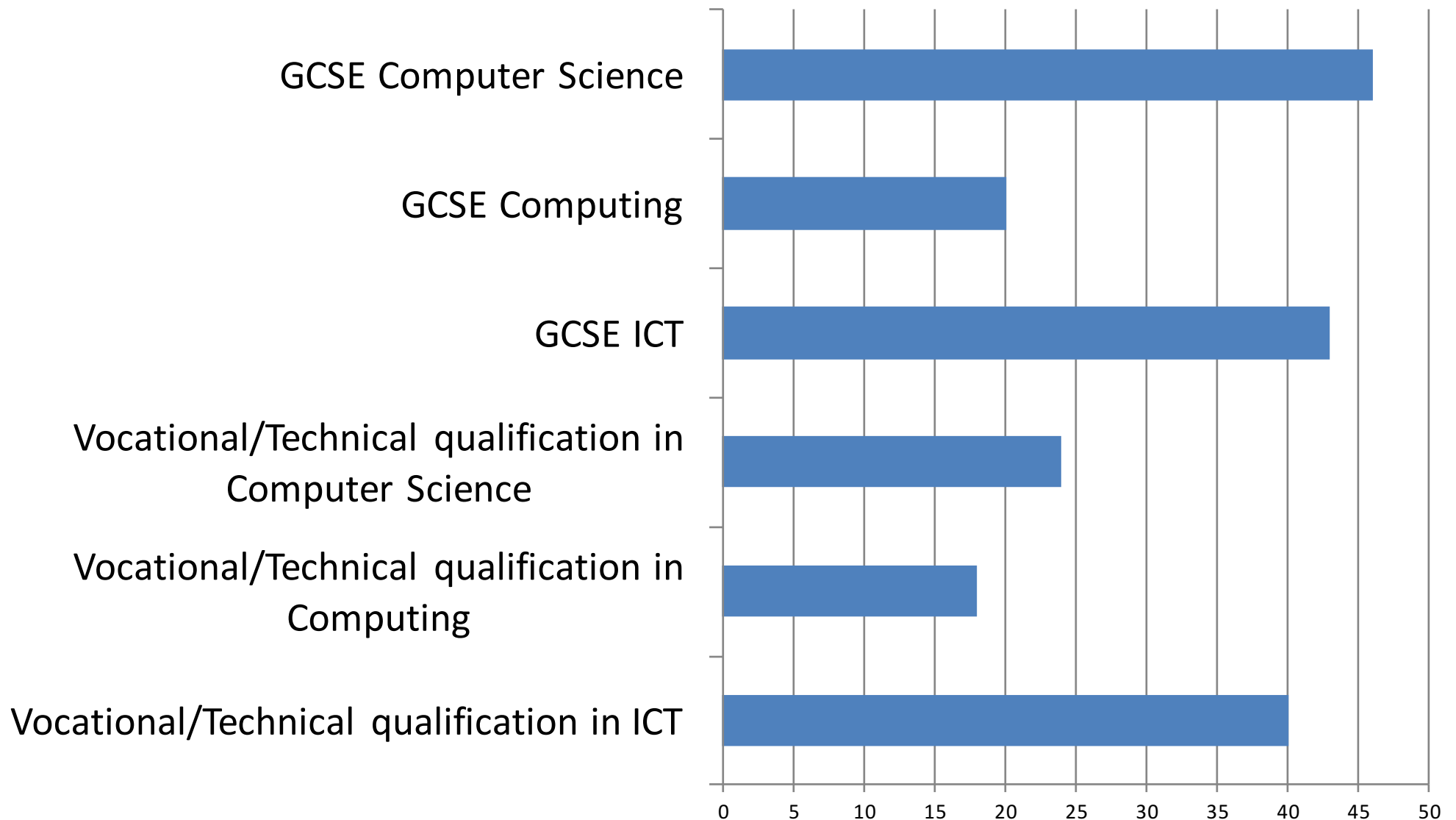
# Reliable and valid



**To what extent do you think it would be worth exploring alternative assessment models similar to science for computer science and ICT qualifications at KS4.**



# What qualifications should be available?



# What should CAS do (short Q)

Campaign for:	Yes	No	Neutral	Don't know
KS4 Computing for all short activity	53.42%	15.07%	23.29%	8.22%
More technical/vocational quals	78.08%	6.85%	13.70%	1.37%
Exam only GCSEs	27.78%	48.61%	20.83%	2.78%
Support more ICT quals	86.11%	6.94	6.94	0.00%