



CONTRIBUTIONS TO ASSESSING THE QUALITY IN E-LEARNING

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MOTIVATION



My name is ... e-learning manager.

According to my research, we have, in a world, a set of standards for assessing the quality of e-learning process-oriented.

Each standard has a set of dimensions and criteria.

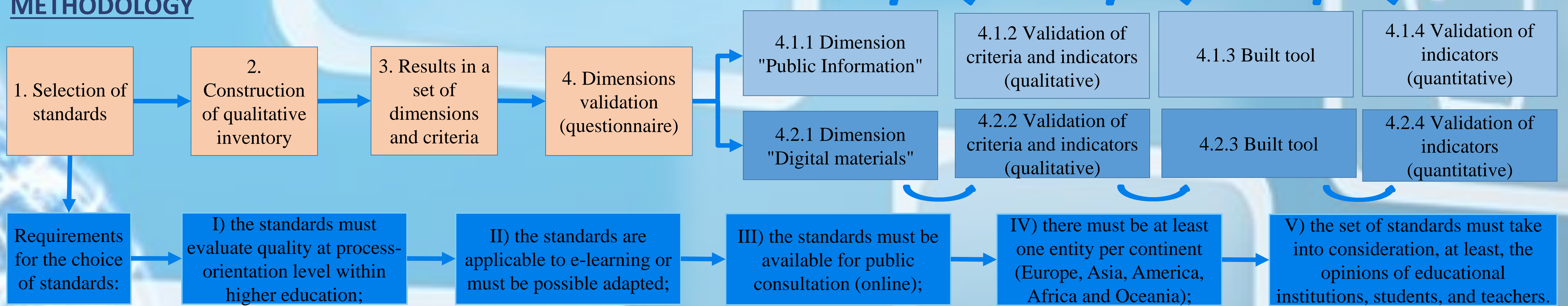
This set of dimensions and criteria are different in each standard.

What is the best standard for assessing the dimensions "Digital learning materials" and "Public information"?

RESEARCH QUESTION / GOAL

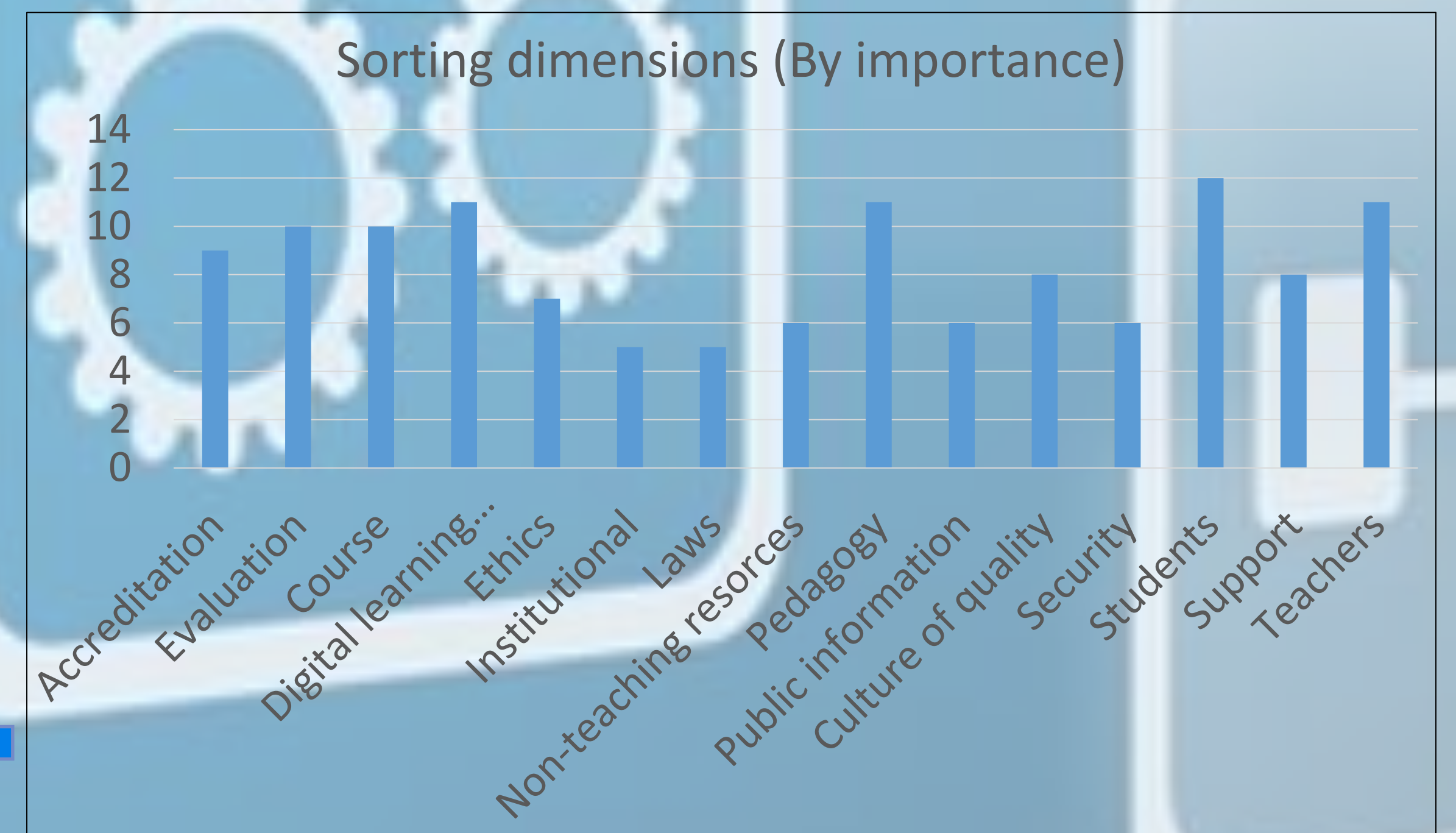
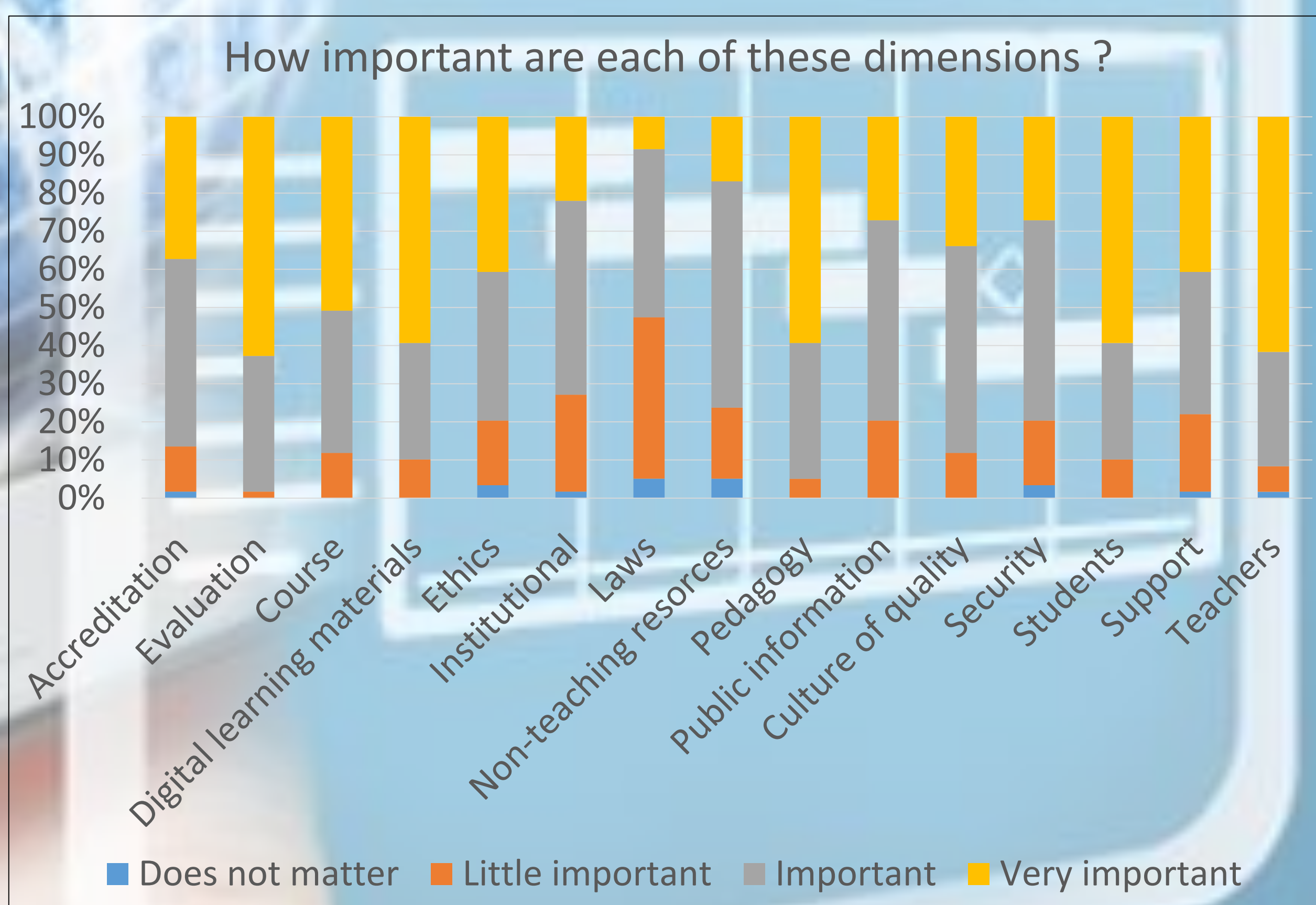
Is it possible to evaluate the quality of the e-learning process-oriented, in particular for the dimensions "digital learning materials" and "public information" with a single specification for each dimension, at any geographical point of the world and that can be applied internally in universities?

METHODOLOGY



PARTIAL RESULTS

Results available up to point 4 of the methodology

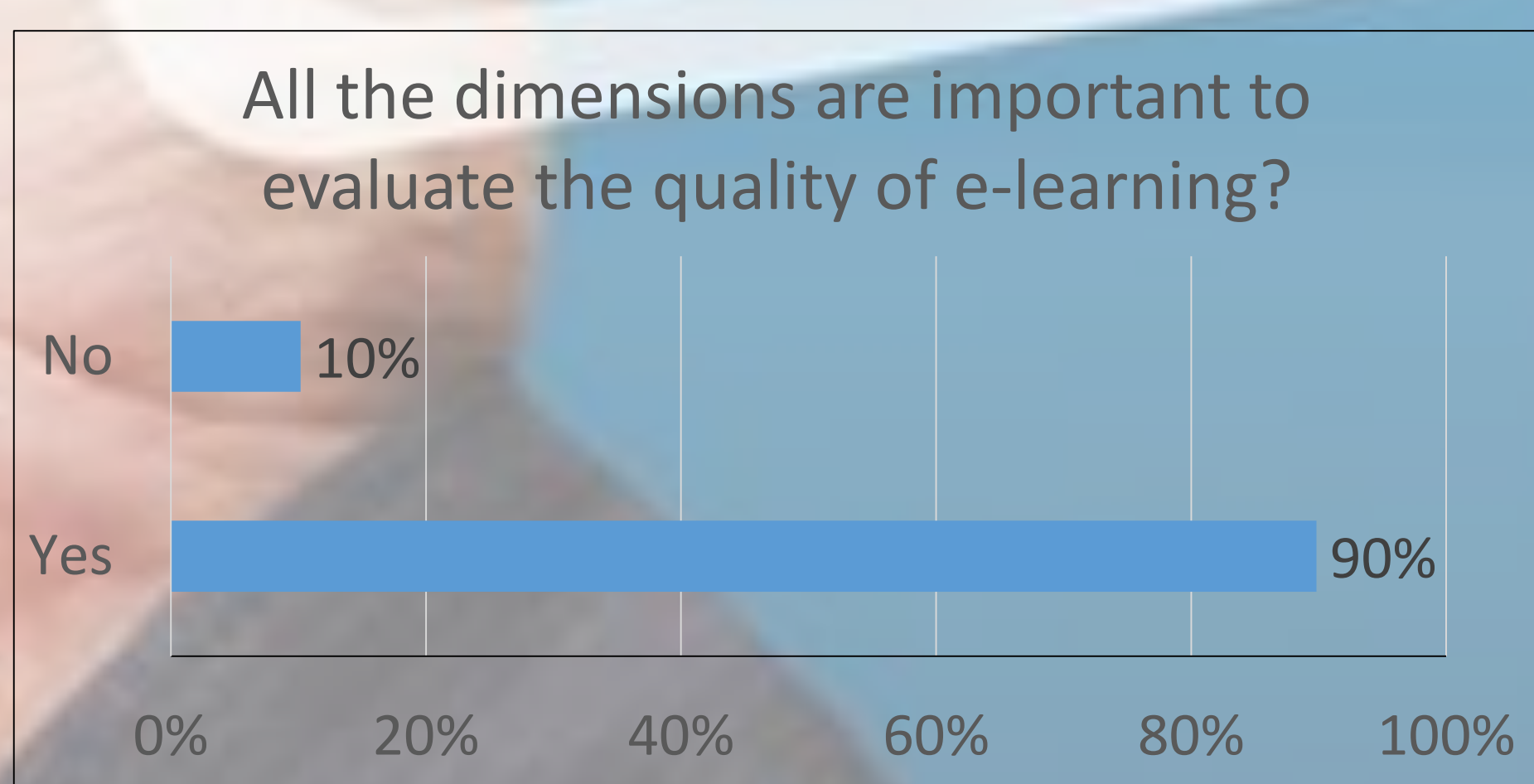


1. Build a scale
 Value of the scale Q5 (VSQ5) = $\sum_{i=1}^{15} = 120$
 2. Find new values for each dimension
 $TQ5 = \sum AAQ5 + BBQ5 + CCQ5 + DDQ5 + EEQ5 + \dots + OQ5$

3. Adjusting the scale
 Scale difference = $\frac{VSQ5}{VSQ3} = 12$
 $NTQ5 = \frac{TQ5}{12}$
 $GT = \sum TQ3 + NTQ5$
 $S\% = \frac{Dx \times 100}{3454,67}$

1. Build a scale
 Value of the scale Q3 (VSQ3) = $\sum_{i=1}^4 = 10$
 2. Find new values for each dimension (example)
 $Accreditation = \sum (AQ3 \times 1) + (BQ3 \times 2) + (CQ3 \times 3) + (DQ3 \times 4)$
 $TQ3 = \sum AAQ3 + BBQ3 + CCQ3 + DDQ3$

Dimension	%
Accreditation	6,71 %
Evaluation	7,54 %
Course	7,19 %
Digital learning materials	7,51 %
Ethics	6,38 %
Institutional	5,69 %
Laws	5,07 %
Non-teaching resources	5,73 %
Pedagogy	7,66 %
Public information	6,08 %
Culture of quality	6,58 %
Security	6,03 %
Students	7,62 %
Support	6,57 %
Teachers	7,64 %



NEXT STEPS

- Find results for other questionnaires + Send manuscript for a Journal
- Finish some thesis chapters
- Send the thesis + discuss the thesis

PARTIAL KEY CONCLUSIONS

- All find dimensions are necessary for evaluate the quality of e-learning2 process-oriented
- With the results of this questionnaire, a tool was built (with percentages) for each dimension

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