



**Diagnostic Mathematics Information for Student
Retention and Success (DMISRS) Symposium
19-20 July 2018**

**Quantitative Literacy Results 2018
Science/Mathematics**

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Definition of Quantitative Literacy (QL)

Quantitative literacy (academic numeracy) is a practice in which people :

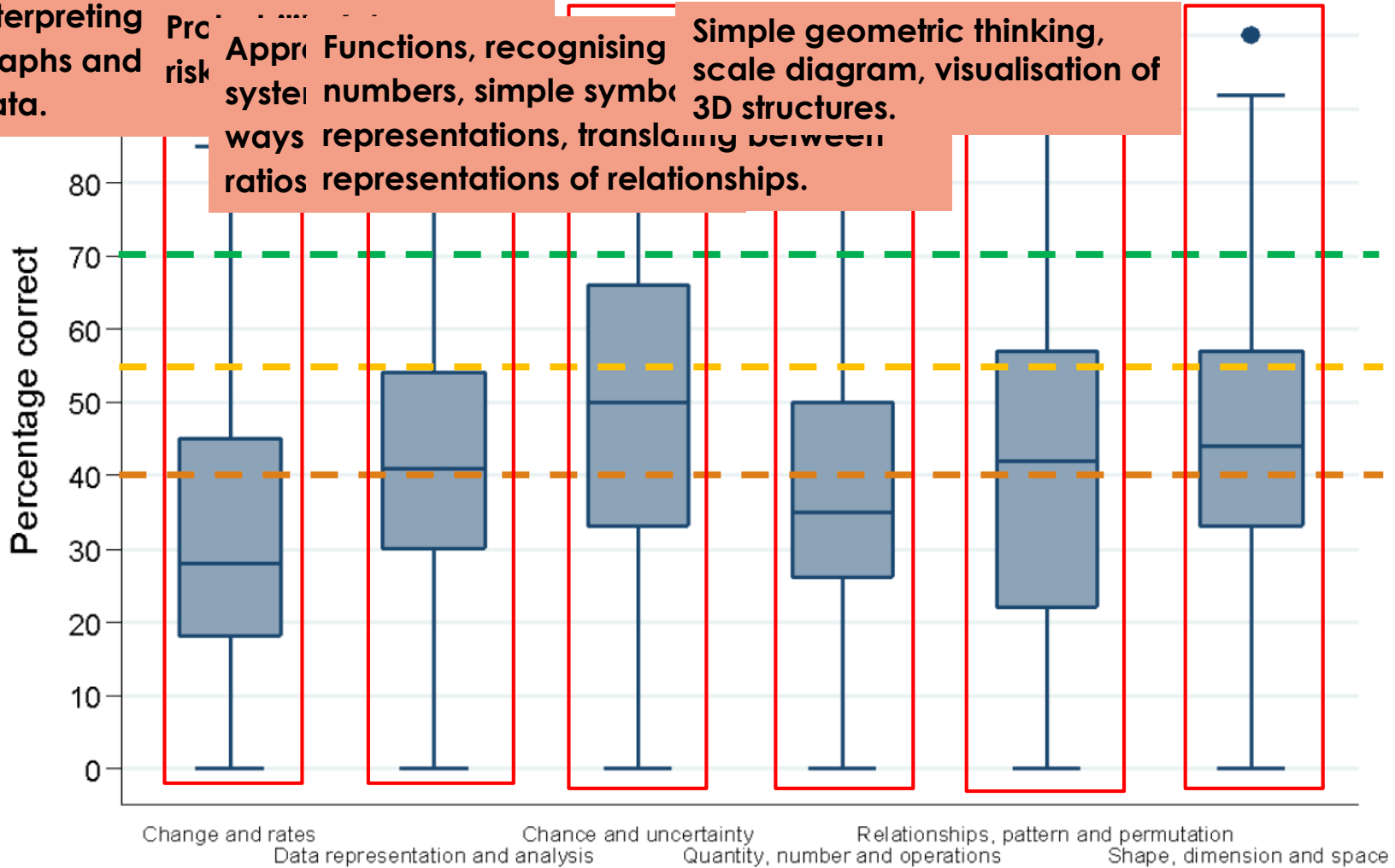
manage situations or solve problems in **real disciplinary contexts**,

by **responding to quantitative** (mathematical and statistical) **information** (verbal, graphical, tabular or symbolic).

It requires the activation of a range of **knowledge, behaviours and kinds of thinking**

and can be observed when it is expressed in the form of a **communication** (written, oral or visual).

NBT 2018 QL Subdomain Scores for Science/Mathematics



Absolute & relative differences, % rates of change, graph, etc.

Interpreting graphs and data.

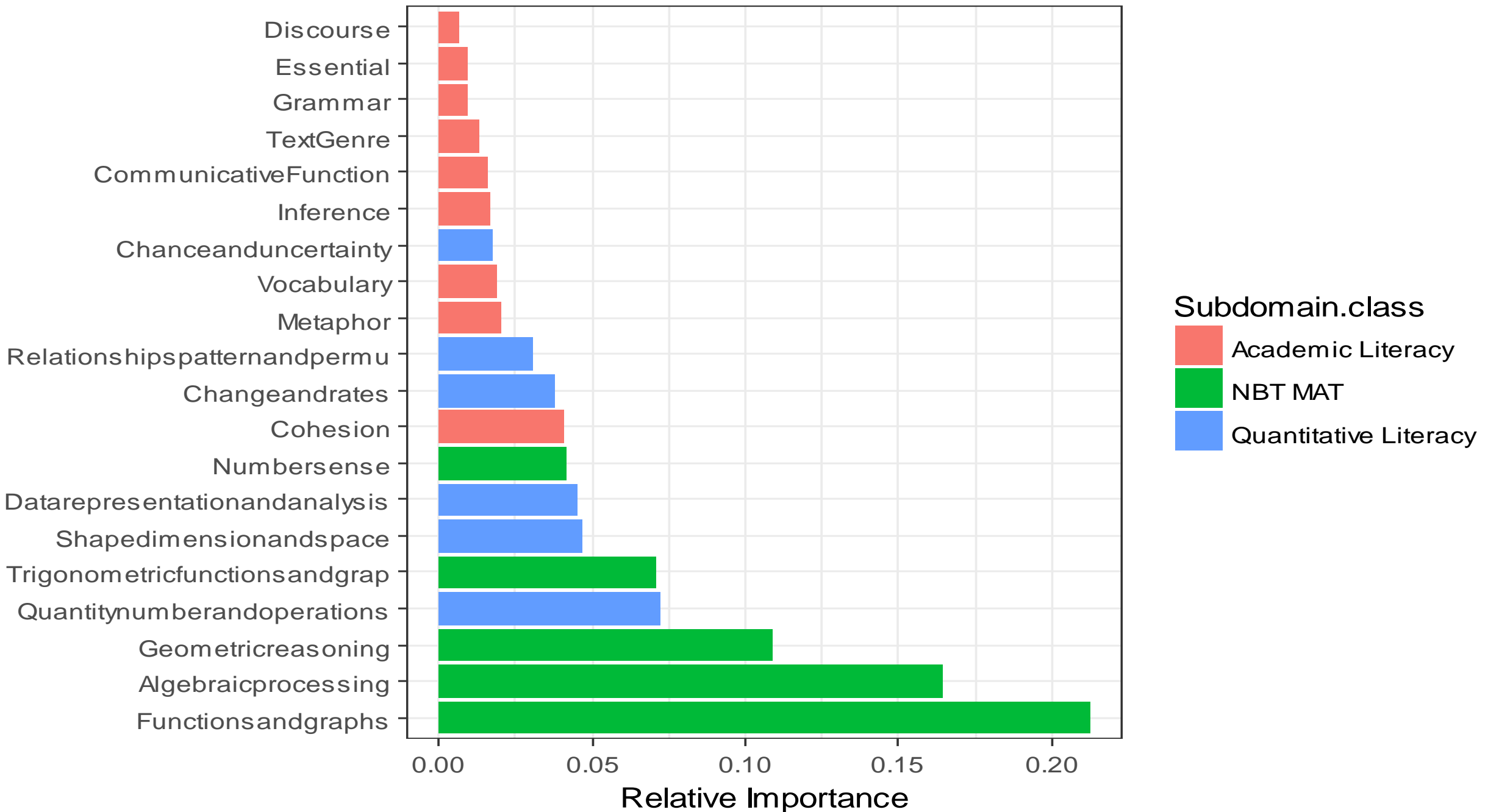
Probability risk

Approximate functions, recognising systems, numbers, simple symbols, representations, translating between ratios representations of relationships.

Simple geometric thinking, scale diagram, visualisation of 3D structures.

MAM1000W - Relative Importance of Explanatory Variables

Subdomain Names





➤ Thank you.