

Academic research groups: evaluation of their quality, quality of their evaluation

Using empirical data from the British system of evaluation of academic research (RAE, REF), we developed a very simple model which accounts relatively well for the quality of academic research groups as a function of their size.

Since the process of evaluation of research quality is time-consuming, and consequently expensive, policy makers have proposed some alternative to peer-reviewing, using bibliometrics indicators. Recently, we compared predictions from a "scientometrics based evaluation" with the "peer reviewing system".

The talk will summarize the work done in this context.

Refs.

The extensive nature of group quality

Kenna R., Berche B.
EPL **90** (2010) 58002

Critical mass and the dependency of research quality on group size

Kenna R., Berche B.
Scientometrics **86** (2011) 527-540

Predicting Results of the Research Excellence Framework using departmental h-Index

Mryglod O., Kenna R., Holovatch Yu. , Berche B.
Scientometrics **102** (2015) 2165-2180

Predicting Results of the Research Excellence Framework using Departmental h-Index -- Revisited

Mryglod O., Kenna R., Holovatch Yu. , Berche B.
Scientometrics **104** (2015) 1013-1017