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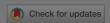
Measuring productivity change in higher education: an application of Hicks-Moorsteen total factor productivity index to Malaysian public universities

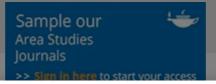
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Pages 630-643 | Received 22 Mar 2014, Accepted 12 Feb 2015, Published online: 19 May 2015

66 Cite this article

▶ https://doi.org/10.1080/13547860.2015.1045323





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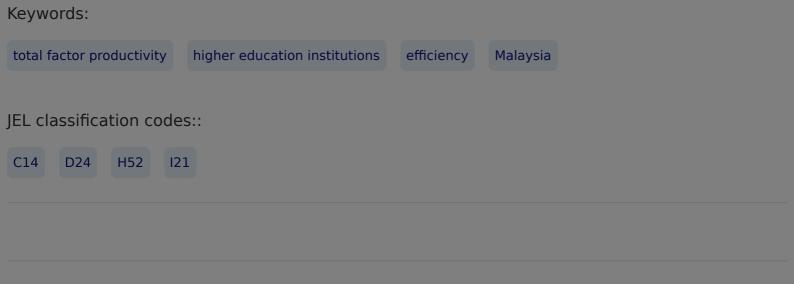
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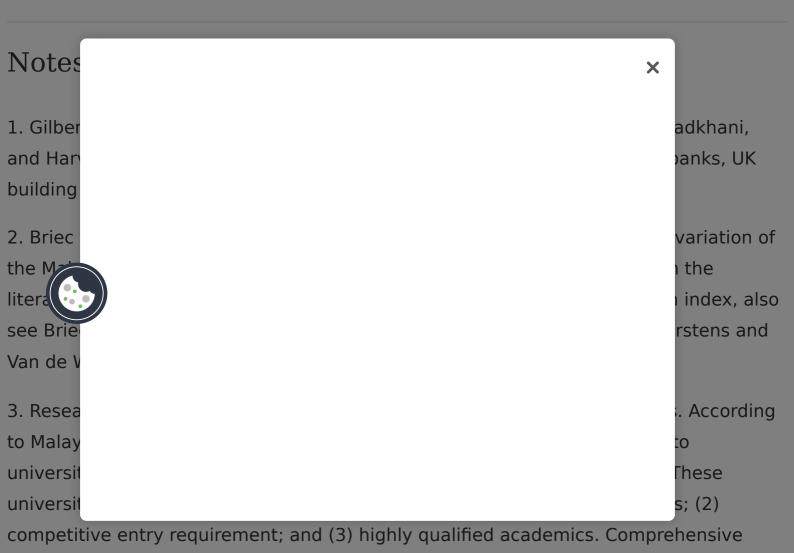


Acknowledgements

We wish to thank the anonymous referee, whose invaluable inputs and comments considerably improved an earlier version of this article. The usual caveat applies.

Disclosure statement

No potential conflict of interest was reported by the authors.



universities (also called multi-disciplinary universities) focus on a wide range of courses and fields of specialization. The three characteristics among these universities are: (1) wide range of subject areas; (2) competitive entry requirement; and (3) highly qualified academics. Focused universities focus on certain fields of knowledge related to the original objective of their establishment. They have the same characteristics as research universities.

- 4. All research is on the focused and established institutions: Universiti Malaya, Universiti Sains Malaysia, Universiti Kebangsaan Malaysia, Universiti Putra Malaysia, and Universiti Teknologi Malaysia.
- 5. Also called multi-disciplinary universities, which focus on a wide cross-section of courses and fields of study: Universiti Islam Antarabangsa Malaysia, Universiti Malaysia Sarawak, Universiti Malaysia Sabah, and Universiti Teknologi MARA.
- 6. They concentrate on specified disciplines linked to the original objective of their establishment: Universiti Utara Malaysia, Universiti Pendidikan Sultan Idris, Universiti Malaysia Terengganu, Universiti Sains Islam Malaysia, Universiti Tun Hussein Onn, Universiti Teknikal Melaka Malaysia, Universiti Malaysia Pahang, and Universiti Malaysia Perlis.



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Dr Mad Ithnin Salleh obtained his doctoral degree from the University of Wollongong, Australia, specialising in efficiency and productivity. His area of interest includes performance measurement, efficiency and productivity, and developing a quantitative method for management and quality management system. He is currently a senior lecturer at the Faculty of Business and Economics, Sultan Idris Education University, Malaysia.



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