

Home > Journal > Social Sciences & Humanities > CE

[Indexing](#) [View Papers](#) [Aims & Scope](#) [Editorial Board](#) [Guideline](#) [Article Processing Charges](#)

CE > Vol.3 No.6A, October 2012

OPEN ACCESS

A Systematic Error Leading to Overoptimistic Item Analysis of a Medical Admission Test

PDF (Size: 91KB) PP. 943-945 DOI: 10.4236/ce.2012.326143

Author(s)

Gilbert Reibnegger, Hans-Christian Caluba, Daniel Ithaler, Simone Manhal, Heide Maria Neges

ABSTRACT

During the course of the admission procedure for the diploma programs Human Medicine and Dentistry at the Medical University of Graz in July 2009, a serious error occurred in the evaluation process resulting in the publication of an erroneous provisional list of successful applicants. Under considerable public interest this wrong list had to be withdrawn and corrected. The publication of the erroneous list had been encouraged by a preceding item analysis yielding falsely optimistic results due to this systematic error. The source of the error and its consequences are described in detail, and a simple recipe to avoid similar errors in the future is provided.

KEYWORDS

Item Analysis; Index of Difficulty; Index of Discrimination; Admission Test; Medical Studies

Cite this paper

Reibnegger, G. , Caluba, H. , Ithaler, D. , Manhal, S. & Neges, H. (2012). A Systematic Error Leading to Overoptimistic Item Analysis of a Medical Admission Test. *Creative Education*, 3, 943-945. doi: 10.4236/ce.2012.326143.

References

- [1] Lienert, G. A., & Raatz, U. (1988). Testaufbau und testanalyse (6th ed.). Weinheim, Baden-Württemberg: Psychologie Verlags-Union.
- [2] Reibnegger, G., Caluba, H.-C., Ithaler, D., Manhal, S., Neges, H. M., & Smolle, J. (2010). Progress of medical students after open admission or admission based on knowledge tests. *Medical Education*, 44, 205- 214. doi:10.1111/j.1365-2923.2009.03576.x

- [Open Special Issues](#)
- [Published Special Issues](#)
- [Special Issues Guideline](#)

[CE Subscription](#)

[Most popular papers in CE](#)

[About CE News](#)

[Frequently Asked Questions](#)

[Recommend to Peers](#)

[Recommend to Library](#)

[Contact Us](#)

Downloads: 166,678

Visits: 373,180

[Sponsors >>](#)

[The Conference on Information Technology in Education \(CITE 2012\)](#)