A case study: How textbooks of a Spanish publisher justify results related to limits from the 70's until today

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Abstract: In this paper we present the evolution of the proof schemes shown in grades 11 and 12 textbooks of a Spanish publisher related to the theorems of limits. In order to analyse this evolution, we use a framework developed from the definitions of proof schemes, preformal proofs and functions of proofs. Firstly, we describe our framework and then we show a case study applying the framework to textbooks (from the 70s until today) of a Spanish publisher. Some results and reflections about the analysis are described at the end as well as consequences for further studies.

Keywords: Proof schemes, preformal proofs, textbooks, limits

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This study report aims first to help us better understand the overall context of today’s textbook problem and then to tackle the questions of what choices we have today and what other alternatives, such as open textbooks, we should further consider in order to increase productivity and efficiency of teaching for faculty as well as to provide low-cost instructional materials for students, making education and resources more affordable. Concern over the price of textbooks has risen to the level of national outcry, drawing increasing attention and action from public interest groups, state and federal legislatures, faculty, students, bookstores, publishers, and university leadership. The reason is that short revision cycles, or more frequent revisions, limit students’ ability Case studies, like the one presented in this article, look like the natural avenue to validate or refute the results given by cross-country studies. Heterogeneity issues are circumvented here by focusing on a particular conflict: the terrorist conflict in the Basque Country. Column (3) of Table. This approach is closely related to statistical matching methods for observational studies (see, e.g., Paul R. Rosenbaum, 1995). The reason to restrict the weights in W to be nonnegative and sum to one is to prevent extrapolation outside the support of the growth predictors for the control regions. Without this restriction (and if all the diagonal elements of V are positive), X, would be perfectly fitted as long as the rank. Collaboration between e-book publishers and librarians in providing satisfactory practice guidance on utilizing e-Textbooks to support inclusive learning. 2007; 2009; 2010. How e-Textbooks are produced: types and development. Based on our investigation for the study period report in preparing the e-Textbook standard proposal (ISO/IEC JTC1/SC36 WG6 2012b), over 30 different e-book formats are available. The use case of “Teacher Generated E-Book” from the UK originated from an open learning content platform, where teachers, education institutions, and national agencies gathered the content to construct an e-book that supported their learners and contributed to the global OER (ISO/IEC JTC1 SC36 WG6 2013a, b). Similarly, the “Digital Futures Project” developed an open textbook.