

## DIFFERENCES IN LEARNING MANAGEMENT SYSTEM USE BY TEACHERS WHO PARTICIPATE IN TRAINING

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### ABSTRACT

University investment in online learning infrastructure is substantial and a significant part of this is the learning management system (LMS). In addition to the investment cost, there are the costs associated with training for staff. Typically, the effectiveness of LMS training is measured with surveys asking about participants' subjective views about the training, such as usefulness, satisfaction and applicability to their teaching. However, participants' post-training behaviour, which can be obtained from LMS usage logs, can provide objective evidence of the effect of training on teachers' LMS use. Analysis of LMS logs reported in this paper show that both teachers who have received LMS training and their students are more active in their online courses compared to those who have not. However, the increased activity is only in relation to content. This preliminary analysis of usage data in conjunction with training information suggests a positive effect of training, although in this case mainly in the use of content by students.

**Keywords:** Learning Management System, Teacher Training, Learning Analytics.