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Title: Evaluating the NTUA institutional repository

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Abstract: The *National Technical University of Athens* (NTUA), through its Central Library, offers an *Institutional Repository* (IR) and ETD submission service, currently operating in a pilot testing period. The main objectives of this paper can be summarized into three major points. Primarily, to evaluate the IR service pilot period, focusing on the ETD e-submission process. Secondarily, to refine and improve the above mentioned process and, finally, to promote the concept of self-archiving and open access.

The project was undertaken by implementing a web based survey, targeting on the ETD submission users' population. The feedback collected was merged with the existing submission database. The aggregated data were imported into and processed by statistical analysis software. The key results were exposed online, as part of the IR system, updated in real time.

The statistical analysis produced useful results regarding various aspects of the IR service. The major descriptive statistics focused on user groups, administrative staff and procedure grading, as well as access policy selection. Moreover, cross tabulations and correlations were created between all variables, for example "university department" and/or "ETD type" associated with "access policy". A positive user attitude towards the procedure was noted, which motivates us to further enhance and expand the service.

Our first milestone is to broaden the service to incorporate all the university departments. For that to happen, the statistical results will be used to forecast, define and, finally, determine the system capacity, both in technical and human resources terms. System weaknesses detected will be rectified, wherever possible, whereas system strengths will be used to market the service. At the same time, certain improvements, such as the transition from a semi-automatic metadata importing process into the main IR (DSpace), to a fully automatic one (batch), are already in development.