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### **ACCEPTED MANUSCRIPT**

# Mining Theory-Based Patterns from Big Data: Identifying Self-Regulated Learning Strategies in Massive Open Online Courses

Jorge Maldonado-Mahauad<sup>a,b,\*</sup>, Mar Pérez-Sanagustín<sup>a</sup>, René F. Kizilcec<sup>c</sup>, Nicolás Morales<sup>a</sup>, Jorge Munoz-Gama<sup>a</sup>

<sup>a</sup>Pontificia Universidad Católica de Chile, Department of Computer Science, Chile

Email addresses: jjmaldonado@uc.cl, mar.perez@uc.cl, kizilcec@stanford.edu, nvmorale@uc.cl, jmun@uc.cl

#### Present Addresses:

Jorge Maldonado-Mahauad Department of Computer Science Pontificia Universidad Católica de Chile Avda. Vicuña Mackenna 4860, Macul Santiago Chile

Mar Pérez-Sanagustín Department of Computer Science Pontificia Universidad Católica de Chile Avda. Vicuña Mackenna 4860, Macul Santiago Chile

René F. Kizilcec Graduate School of Education 485 Lausen Mall Stanford University Stanford, CA 94305 USA

Nicolás Morales Department of Computer Science Pontificia Universidad Católica de Chile Avda. Vicuña Mackenna 4860, Macul Santiago Chile

Jorge Munoz-Gama Department of Computer Science Pontificia Universidad Católica de Chile Avda. Vicuña Mackenna 4860, Macul Santiago Chile

**Compliance with Ethical Standards:** informed consent was obtained for use survey-instrument with human subjects.

**Conflict of Interest:** The authors declare that they have no conflict of interest.

<sup>&</sup>lt;sup>b</sup>Universidad de Cuenca, Department of Computer Science, Ecuador

<sup>&</sup>lt;sup>c</sup> Stanford University, Graduate School of Education, USA

<sup>\*</sup>Corresponding autor

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