



Manzoni, A. & I. Mooi-Reci (2016)

Binary Sequence Dynamics applied to Career Quality

in G. Ritschard & M. Studer (eds), Proceedings of the International Conference on Sequence Analysis and Related Methods, Lausanne, June 8-10, 2016, p. 813.



Binary Sequence Dynamics applied to Career Quality

Anna Manzoni and Irma Mooi-Reci

Abstract In this paper we propose a measure to quantify successfulness in binary sequences that can be meaningfully interpreted as sequences of Successes and Failures. In order to operationalize the concept of successful and less successful sequences, we formulate some general properties that a measure of successfulness must adhere to, construct a measure that does fulfill these requirements and, finally, show that the measure can be modeled in a theoretically meaningful way. Furthermore, we show an application of our measure to model the successfulness of binary sequences on the labor market.

Anna Manzoni
North Carolina State University 27695-8107 Raleigh, NC, USA
e-mail: anna.manzoni@gmail.com

Irma Mooi-Reci
University of Melbourne, Australia

