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Yoshito Hirata

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Yoshito Hirata[†]

[†]Institute of Industrial Science, The University of Tokyo
4-6-1 Komaba, Meguro-ku, Tokyo, 153-8505 Japan
Email: yoshito@sat.t.u-tokyo.ac.jp

Abstract—We propose a method for ensuring embedding practically for point process data. The idea of the method came from a practical method for ensuring embedding for time series observed with a fixed sampling rate (Hirata, Suzuki, and Aihara, Phys. Rev. E 74, 026202 (2006)), where prediction errors are used to evaluate the goodness of delay coordinates. We demonstrate the proposed method by using artificial datasets.

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