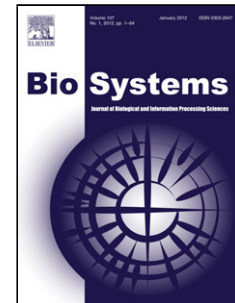


## Accepted Manuscript

Title: Modeling of decision-making process for moving straight using inverse Bayesian inference

Authors: Youichi Horry, Ai Yoshinari, Yurina Nakamoto, Yukio-Pegio Gunji



PII: S0303-2647(17)30425-2  
DOI: <https://doi.org/10.1016/j.biosystems.2017.12.006>  
Reference: BIO 3818

To appear in: *BioSystems*

Received date: 10-11-2017  
Revised date: 8-12-2017  
Accepted date: 10-12-2017

Please cite this article as: Horry, Youichi, Yoshinari, Ai, Nakamoto, Yurina, Gunji, Yukio-Pegio, Modeling of decision-making process for moving straight using inverse Bayesian inference. *BioSystems* <https://doi.org/10.1016/j.biosystems.2017.12.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Modeling of decision-making process for moving straight using inverse Bayesian inference

Youichi Horry<sup>\*, \*\*</sup>, Ai Yoshinari<sup>\*</sup>, Yurina Nakamoto<sup>\*</sup>, and Yukio-Pegio Gunji<sup>\*</sup>

<sup>\*</sup> Department of Intermedia Art and Science, Waseda University,

<sup>\*\*</sup> Matsudo Research Center, Hitachi, Ltd.

Corresponding author: Youichi Horry

537 Kami-Hongo Matsudo, Chiba, 271-0064, Japan

Telephone: +81-47-361-6103,

Fax: +81-47-361-5296

Email: [youichi.horii.jx@hitachi.com](mailto:youichi.horii.jx@hitachi.com)

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

We have no competing interests.

YH and PGY designed an experimental setup and the method to analyze data. AY and YN conducted cognitive experiments. YH wrote the main manuscript text and prepared all figures. All authors reviewed the manuscript.

Download English Version:

<https://daneshyari.com/en/article/8406675>

Download Persian Version:

<https://daneshyari.com/article/8406675>

[Daneshyari.com](https://daneshyari.com)