

[Available Issues](#) | [Japanese](#)

>> [Publisher Site](#)

Author:

Keyword:

Search

[ADVANCED](#)



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

ONLINE ISSN : 1348-6365

PRINT ISSN : 1882-2754

## JOURNAL OF THE JAPAN STATISTICAL SOCIETY

Vol. 38 (2008) , No. 1 Special Issue Celebration Volume for Akaike pp.119-130

[\[PDF \(111K\)\]](#) [\[References\]](#)

### Contributions of Professor Hirotugu Akaike in Statistical Science

Genshiro Kitagawa<sup>1)</sup>

*1) The Institute of Statistical Mathematics*

**Abstract:** Prof. Akaike made significant contributions in various fields of statistical science, in particular, in time series analysis in frequency domain and time domain, information criterion and Bayes modeling. In this article, his research contributions are described in order of launching period, frequency time domain analysis, time domain time series modeling, AIC and statistical modeling, and Bayes modeling.

**Key words:** ABIC, AIC, Bayes modeling, FPE, frequency domain analysis, time series analysis, time series models, TIMSAC

[\[PDF \(111K\)\]](#) [\[References\]](#)

Download Meta of Article [\[Help\]](#)

[RIS](#)

[BibTeX](#)

To cite this article:

Genshiro Kitagawa; "Contributions of Professor Hirotugu Akaike in Statistical Science", *JOURNAL OF THE JAPAN STATISTICAL SOCIETY*, Vol. **38**, pp.119-130 (2008) .

JOI JST.JSTAGE/jjss/38.119

Copyright (c) 2009 Japan Statistical Society

