

Workshop on Dynamic and Network DEA 2013

Dedicated to the memory of Professor William Cooper (1914-2012)

Date: January 29-30, 2013

Venue: Conference Room 4A, National Graduate Institute for Policy Studies

Workshop Organizer: **Kaoru Tone** (National Graduate Institute for Policy Studies)

January 29, 14:00-17:30

Session 1. Session Chair: Hirofumi Fukuyama (Fukuoka University)

1. “Dynamic DEA with network structure: A slacks-based measure”

Authors: Kaoru Tone (National Graduate Institute for Policy Studies (GRIPS), Japan) and
Miki Tsutsui (Central Research Institute of Electric Power Industry (CRIEPI), Japan)

2. “Dynamic network Malmquist model based on green input-output table”

Corresponding author: Ming Lei (Guanghua School of Management, Peking University, China)
Co-authors: Kaoru Tone (GRIPS) and Xinna Zhao (Peking University)

3. “Dynamic network range-adjusted measure versus dynamic network slacks-based measure”

Corresponding author: Necmi Kemal Avkiran (UQ Business School, The University of Queensland, Australia)
Co-author: Alan McCrystal (University of Queensland)

4. “Dynamic evaluation of batters in Nippon professional baseball leagues:
A new proposition relating to multiplier bounds in DEA-AR”

Corresponding author: Tohru Ueda (Seikei University)

January 30, 10:00-16:10

Session 2. Session Chair: Necmi K Avkiran (The University of Queensland)

5. “An investigation on the effect of education on productivity”

Corresponding authors: Hirofumi Fukuyama (Fukuoka University, Japan) and
Atsuo Hashimoto (Fukuoka University)

Co-author: Kaoru Tone (GRIPS)

6. “US hospital performance: A dynamic network analysis”
Corresponding author: Andrew Johnson (Texas A&M University, USA)
Co-authors: Brandon Pope (Purdue University, USA) and Kaoru Tone (GRIPS)
7. “Technical efficiency accounting for environmental influence in the Japanese gas market”
Author: Sumiko Asai (School of Social Information Studies Otsuma Women's University,
Japan)

Session 3. Session Chair: Andrew Johnson (Texas A&M University)

8. “Estimation of the efficiency of Japanese hospitals using a dynamic and network DEA model”
Corresponding author: Hiroyuki Kawaguchi (Economics Faculty, Seijo University, Tokyo, Japan)
Co-authors: Kaoru Tone (GRIPS) and Miki Tsutsui (CRIEPI)
9. “Operational efficiency in Taiwan banks with consideration of nonperforming loans:
A dynamic network DEA”
Corresponding author: Ming-Miin Yu (National Taiwan Ocean University, Taiwan)
Co-authors: Li-Hsueh Chen (National Taiwan Ocean University), Kuan-Chen Chen
(Taipei Medical University) and Kaoru Tone (GRIPS)
10. TBA