題目	運用資料包絡分析法於跨國創新系統績效之比較分析：以主要 OECD 成員國為例
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摘要	跨企業部門、產業與國家間的技術擴散與累積在衡量、比較上有其困難。各國國家創新系統之績效衡量亦面臨同樣的問題。本研究以經濟理論的角度出發，提出資料包絡分析模型以主要 OECD 成員國為實證研究之對象，並採用 1996-1997 之資料作為基準，衡量、比較各國國家創新系統之績效。本研究亦針對研究結果提出愛爾蘭與西班牙之案例，可提供國家創新系統相關政策擬定者之參考。
關鍵字	國家創新系統、資料包絡分析、科技政策、績效衡量
Title	Using Data Envelopment Analysis to Evaluate Performance of National Innovation Systems：The Case of Major OECD Member
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Abstract	Real difficulties occur in measuring and comparing technological accumulation across firms, sectors and nations. National Innovation Systems (NIS) performance is also difficult to measure. However, due to the growing demands from public and private policy-makers for better information, progress has been made in both NIS measurement and conceptualization. This paper attempts to shed light on the economic theory regarding the performance of major OECD member NISs by presenting comparative analyses based upon nation-level data for 1996-1997, measured using the Data Envelopment Analysis (DEA) approach. It is possible to make useful international comparisons among OECD nations in change-generating activities for the major NIS institutions.
Key Words	National innovation systems; Data envelopment analysis; Science and technology policy; Performance measurement.