Usage log analysis of the contents of institutional repositories: user domains, types of referrals and content attributes

Introduction

I. What impact do institutional repositories have upon Open Access (OA)?
II. Do articles made publicly available via institutional repositories inspire new citations?

Method

• Analysis of relationships between the use of content and user domains, types of referrals, and content attributes in four institutional repositories.
• Hokkaido University: HUSCAP [Contents: 25,542 items]
• Kyoto University: KURENAI (28,536)
• Tsukuba University: Tulips-R (7,899)
• IDE JETRO: ARIBIDE (649)
• Total downloaded items: 1,150,813
• Analysis of the 2008 usage logs from each repository

Results

User Domains

Types of Referrals

Make your papers accessible via machineries

Contents translated into machine-editable text were downloaded many times more frequently than those that have not been translated.

Relationship Between OCR and Access

Relationship Between OCR and Born Digital

Contents that have a hidden text layer inserted by the OCR process behind the image also have increased access via search engines.