

Title**Supporting Science and Industry by Sharing Computer Code****Subtitle**

Sharing software as a form of research data

Abstract

Sharing software is not as common as sharing other types of research data, however, it is sometimes very impactful. The Statistical Parametric Mapping (SPM) software in the field of neuroimaging is an example of how sharing computer code can lead to far-reaching effects. In this case, making the code public allowed the creation of a new field of study and led the software to become the leader in the sector. In addition, thanks to the licensing chosen, some companies were able to exploit the code to create derivative products, which are generating substantial income, while major pharmaceutical companies are using it in the field of drug research.

Keywords

software; code; algorithms

Research subject area

MEDICAL AND HEALTH SCIENCES

Type of RDM impact/benefit

Socio/Economic impact; Methodological impact (e.g., new approaches developed)

Summary Impact Type

Economic; Technological; Health

Facts and figures

64% of users in the field use the software;
€5,000 for each license (software derived from sharing);