

The big data sharing will help advancing science and social science

Yoshiyasu Takefuji

Kelly Servick wrote an article entitled “Social science studies get a ‘generous’ test” (1). In social science study, researchers do not want to share data with others. This is why replication cost is expensive. Management is a social science. One of the largest management study organizations is AOM (academy of management) with more than 19,000 members in over 115 countries. In AOM journals, there is no concept of open data sharing, because of organization-related confidential data. We understand that removing organization privacy information from the confidential data is hard in order to achieve anonymity. However, social scientists should share their data with others for advancing social science. The more data shared, the better results can be achieved in social science. Social scientists tend to build their own models or formula. Instead of their models or formula, big data sharing will play a key role in automatically building a formula by machine learning (2). The big data sharing will help advancing science and social science.

References:

1. Kelly Servick, Social science studies get a ‘generous’ test, *Science* 361 (6405), 836
2. <http://science.sciencemag.org/content/359/6371/42/tab-e-letters>