



AIS Transactions on Replication Research

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In the physical sciences, new knowledge is not considered valid until it has been replicated at different labs by different researchers until scientific consensus emerges. This independent validation is seen as crucial to the advancement of science. The social sciences and several business disciplines are also beginning to recognize the need for a strong and healthy culture of replication research. In 2014, AIS launched a new journal dedicated to replication research: *AIS Transactions on Replication Research*.

Replication articles will either support the findings of the original article or provide results that do not support the original article (e.g., nonsignificant). Either outcome will advance science. If the original article results are replicated, then the replication provides external third-party validation of the results and perhaps offer a generalization of the original contribution into a new context possibly with new methods. If the replication article fails to replicate the original results, this doesn't mean the original results are "wrong"; just that they don't generalize to the new context or that findings are closely tied to the original methods. Such findings should trigger additional replications and new follow-on research in other journals that seek to understand in what contexts and with what methods the theory applies.

The workshop will have three parts. First, co-chairs will define replication and describe how to conduct and write-up replication research articles. Second, co-chairs will present two examples of recent replication research and show how they advance science. Third, co-chairs will have an open discussion of replication research, with a chance to ask questions and debate issues.