

Supporting Open Science with Blockchain

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Open science faces a reproducibility crisis (Dhillon, 2016). With the emergence of blockchain technology, new possibilities arise to confront this crisis. Extant scientific literature constrains isolated efforts on how blockchain can support open science. The objective of the thesis is to structure the scientific efforts on blockchain and open science. We answer the research question “*What are the predominating difficulties for the application of open science and how might blockchain technology meet open science requirements and support its utilization?*”. We follow the literature review methodology (vom Brocke et al., 2009; Webster & Watson, 2002). We contribute to the scientific literature by providing research agenda to investigate the phenomenon of open science and blockchain.

References

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