

Review of: "Computational substantial violation of the CHSH with close approximation of the respective quantum values"

Dr William Sulis¹

¹ McMaster University

Potential competing interests: No potential competing interests to declare.

I have reviewed the recent revision. While there are improvements technically and in style, I will still respectfully disagree about the significance of the result. While I agree with the author that the proof of non-locality via the Bell inequality (and other inequalities of similar type is flawed), the problem is not simply mathematical. The author eschews metaphysics, but it plays a major role in the formulation of the Bell argument. The employment of an apparently ad hoc set of correlated Hidden Variables might allow for violation of the inequality, but if they have no physical significance the argument is not convincing. There are lots of examples of ways of violating the inequalities but in the end they cannot simply be mathematical sleight of hand, they need to have physical meaning, relevance. I am sure the author will disagree but that is my own view. I do give the author credit for technical accuracy.