

# Review of: "Towards Modeling Artificial Consciousness"

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Potential competing interests: No potential competing interests to declare.

I would suggest that this paper is still at an early stage and not yet ready for publication. The problem is a very complex one. The paper wishes to model human consciousness. Some think that the conscious is the result of the nervous system. I was wondering if you consider intelligence and consciousness to be different. I would suggest that intelligence has more of a measureable result. But because they are both too difficult for current research, it maybe does not matter what you call it. Neural networks are obviously essential to the problem, but you also correctly mention semantic nets. The equation is too simplistic at the moment. I assume that the synergy is modelled by the nested nature of the functions. I would suggest that there is also an addition factor of different neural processes and so maybe both should be present in the equation. But is the conscious at the neural level or the symbolic level, when maybe you should think about the semantic nets as well. You write that backward propagation is not required, for example, so maybe that is not a neural network then? One other topic to consider might be autonomic computing, especially if you are considering the nervous system.