Review of: "Straightening the ‘Value-Laden Turn’: Minimising the Influence of Values in Science"

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Title: Straightening the `Value-Laden Turn': Minimising the Influence of Values in Science

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This paper argues that in enhancing scientific integrity, non-scientific values should be minimized during the phase of scientific inquiry where claims are accepted or rejected. The paper introduces key prerequisites for a model that aims to introduce values into this phase, including ensuring the epistemic integrity of scientific knowledge, stating the uncertainties involved in scientific claims, distinguishing between scientific knowledge and claims taken as a basis for action, and advocating for simplicity and systematicity. The paper also discusses a hybrid model of Hansson's corpus model and Betz's conception. The paper underscores that further research on the philosophical debate's relevance and consequences on values in science is necessary.

The following provide some feedback that might be useful for improving the article:

1. The argument is weakened by the lack of a clear definition and explanation of key terms such as "value-laden ideal" and "value-free ideal".
2. A clear investigation into arguments and counter-arguments regarding the influence of values on the core phase of scientific inquiry is missing, thereby weakening the argument.
3. Heavy reliance on the works of Douglas, Betz, Hansson, and Lacey without an in-depth critique of their arguments or examination of opposing perspectives reduces the argument's strength.
4. The four prerequisites for introducing a model of values into the core phase of scientific inquiry lack sufficient evidence or examples to strengthen their validity or applicability.
5. The absence of concrete examples and case studies from scientific literature weakens the argument about the potential consequences of the influence of non-scientific values on the core phase of scientific inquiry.
6. The proposed combination model lacks ample justification and clarity on how it specifically caters to the original arguments pushing for the value-free ideal and ensures the epistemic integrity of science.
7. The conclusion should have been more comprehensive - summarizing and analyzing the arguments made in the paper and suggesting directions for future research.

8. A critique of the hybrid model of Hansson's corpus model and Betz's conception is missing, a thorough critique would have enhanced the argument quality.

9. The argument structure lacks a clear flow, making the paper less engaging and harder to follow which weakens its overall impact.