Author responses to
REVIEWER FEEDBACK FOR PRESENTERS
MEDINFO 2023

Paper: Setting the scene to link SNOMED CT to realism-based ontologies
Authors: Anuwat PENGPUT[a] and Werner CEUSTERS

Contact
ID: 791
Anuwat Pengput
Ph.D. Student
Email: anuwatpe@buffalo.edu

Presentations
Status: Invited to resubmit
Presentation Type: Academic student paper
Paper Number: 191.00

Comment 1: It would be valuable to strengthen the discussion by including material on 'What does this change in daily practice?'

Response: The conclusion of our paper contained already this sentence: "*We thus believe that clinicians can continue to use SNOMED CT as they do now, and envision that the application of this sort of framework as an extension to SNOMED CT 'behind the scene' may lead to more powerful secondary analytics*.". This means that for daily practice, nothing changes. Given the very restricted page limits, the difficulty of the subject matter and because the clinical practice is not the topic of the paper, we don't want to sacrifice space on it and by otherwise doing so reduce the clarity of the explanations with respect to the core topic.

Comment 2: A very good paper that offers a fresh perspective on the often discussed usage of SNOMED CT and it's limitations, as well as a way to deal with those, without denying its benefits.

Response: we thank the reviewer for these kind and insightful comments. No action to be taken.

Comment 3a: This work explores the design of a framework capable of mapping SNOMED CT's terminological view into the realism-based view of the Basic Formal Ontology and the Ontology of General Medical Science. The paper is well written and structured. The topic is suited to the MedInfo conference and will be of interest to the community.

Response: we thank the reviewer for these kind and insightful comments. No action to be taken.

Comment 3b: Whilst the work is of interest, as the authors acknowledge, only a small domain has been explored in this work. To make the results more robust, a larger domain should be considered and plans for such a study discussed in future work.

Response: we agree with this reviewer and such work is actually already underway. We added therefor the following sentence to the end of the discussion "*Future work will include applying the approach in line with other BFO-based ontologies and express SNOMED CT content within their domains in exactly the same way*". More is unfortunately not possible due to page limits.