

Review of: "QMH (Quantifying Mental Health) Key Technologies"

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Potential competing interests: No potential competing interests to declare.

This article is based on providing a more stable introduction to safe and appropriate mental health content whilst acknowledging this task is complex. To understand the chaotic nature of mental health, this research is in the process of quantifying mental health (QMH) with Content-Directed AI technologies. These key technologies are based on Ontological Engineering integrated with a World Knowledge DataBase (WKDB) necessary for the understanding of mental health. Based on control theory, a key feature of QMH is providing insight to questions about mental health through a reference model architecture for an intelligent system including a Knowledge Database, World Modeling and Sensory Processing. This design includes various QMH Tool Box Educational Notions and is proposed to provide for plan generation, followed by its evaluation for effectiveness to provide feedback for optimizing performance.

My main suggestion is to consider providing some examples of pragmatic applications for QMH key technologies. For example, how can QMH be used to help inform independent-of-YouTube algorithmic recommendation systems through a systematic understanding of the complexities of mental health to help prevent development or exacerbation of mental health issues in vulnerable YouTube users especially young people. A challenge of the Informatics domain is to derive insights on providing interventions for safe and appropriate mental health content on YouTube. I suggest future research may seek out such challenges and propose solutions. It may be useful to liaise with digital mental health and human-computer interaction experts in regards to design and implementation issues. I suggest also to consider proof-of-concept or protocol papers to further establish the research.

Some minor editing improvements are required. For example, change "practioners" to "practitioners" (on more than one occasion) and insert ""2019" in reference 1.