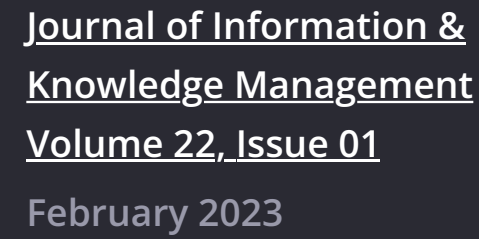



## RELATIONS

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While the cognitive tests detect dementia symptoms, there is no clear agreement where these tests fit into the dementia diagnosis process. Apart from recent research via the Alzheimer’s Disease Neuroimaging Initiative (ADNI) data repository (Veitch *et al.*, 2019) such as by Weiner *et al.* (2017) and Weiner *et al.* (2015), little research has been done on identifying the smallest combination of attributes that can lead to the development of a dementia prediction system (Dimitriadis *et al.*, 2018; Das *et al.*, 2019). More importantly, a dementia prediction system that is able to offer clinicians information empowering them to not only make the appropriate diagnosis, but also