

# *Major Research Area Paper Presentation*

*Predicting Psychometric Properties Using Artificial Intelligence*

by

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*For the Ph.D. degree in Computer Science and Engineering*

*Transformer-based language models (LMs) continue to achieve state-of-the-art performance on natural language processing (NLP) benchmarks, including tasks designed to mimic human-inspired “commonsense” competencies. To better understand the degree to which LMs can be said to have cer3yr2 (e)-1 2 (e)3yr2 ( (We)-1 ( g)3 (a)2 (the)-1 (r)2 ( r)2 (e)-1 (sp)2 (o)-1 (n)-1 (se)-1 (s*

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