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## **TESTING ALTERNATIVE VALIDITY SCALES IN PSYCHOPATHIC PERSONALITY INVENTORY-REVISED DATA**

The Psychopathic Personality Inventory-Revised (PPI-R) was developed with its own set of four validity scales to differentiate conscientious and indiscriminate responders (CRs and IRs; honest, accurate vs. careless, inattentive responders). We compared the effectiveness of these scales (Inconsistent Responding 15, Inconsistent Responding 40, Virtuous Responding, and Deviant Responding) with two alternative validity scales which were made to be used with any questionnaire: the Conscientious Responders Scale (CRS; Marjanovic et al., 2014) and Inter-Item Standard Deviation (ISD; Marjanovic et al., 2015). Guided by previous research, we hypothesized the CRS and ISD would be at least equally as effective as the PPI-R's validity scales. To test this, we administered a questionnaire containing the PPI-R to 251 Concordia students on a secure website. Next, we used a number generator to create an equally sized sample of uniform-random data. Combined, the

sample consisted of 502 responders. Our statistical analysis showed all six validity scales yielded significant differences across the two responder groups. Correlations showed the validity scales were highly interrelated, indicating they measure the same phenomenon. Lastly, logistic regression analysis tested how accurately each scale correctly identified responders as either CRs or IRs. The CRS, ISD, and Deviant Responding scale classified responders with > 90% accuracy. The two Inconsistent Responding scales yielded > 80% accuracy. Finally, the Virtuous Responding scale achieved above 70% accuracy. These findings suggest the CRS and ISD are effective alternatives for testers wishing to cleanse their data of IRs in any data set including PPI-R data.