**Impact of MMPI-2 versus MMPI-2-RF Booklet Administration on the Internal Structure and Predictive Utility of MMPI-2-RF Scales in a Forensic Inpatient Setting**

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### Introduction

Many researchers administer the MMPI-2 but rescore items into MMPI-2-RF scales. Previous studies have supported the comparability of MMPI-2-RF scores culled from MMPI-2 and MMPI-2-RF booklets. MMPI-2-RF score scales and reliability estimates derived from the two booklets are comparable in forensic and non-forensic settings. However, no such studies have compared predictive utility of MMPI-2-RF scores culled from MMPI-2 versus MMPI-2-RF booklets.

### Aims and Hypotheses

We replicated Tarascevage et al. (2014) and extended analyses to examine the predictive utility of the MMPI-2-RF substantive scales culled from MMPI-2 versus MMPI-2-RF administration.

We hypothesized we would find minimal differences for the majority of the scores on the test.

However, we hypothesized VRIN-r and TRIN-r inconsistency scale mean scores would be higher when the longer MMPI-2 was administered due to the greater potential for fatigue.

### Method

- **Participants**: Deidentified archival dataset of 926 administered MMPI-2 booklet & 178 administered MMPI-2-RF booklet.
- **Measures**: MMPI-2: a 567 True/False item personality inventory. MMPI-2-RF: a 388-item shortened version of the MMPI-2 with 52 scales.
- **Procedure**: We examined independent samples t-tests and Hedges’ g values comparing scale mean scores across booklet type.
- **For predictive utility, we found Hedges’ g values for both the MMPI-2 and MMPI-2-RF scales, calculated differences in g size, and compared confidence intervals for each booklet’s g values by scale.
- **Predictive utility effect sizes were calculated for patients with vs. without diagnoses.

### Results & Discussion

#### Table 1: Mean MMPI-2-RF Scale Scores by Booklet Type

*Note: Table 1 contains mean, standard deviation, and t-test results for comparisons between MMPI-2 and MMPI-2-RF booklets.*

#### Table 2: Predictive Utility for Patients with vs. without Internalizing Diagnoses

*Note: Table 2 contains t-test results for comparisons between MMPI-2 and MMPI-2-RF booklets for patients with vs. without internalizing diagnoses.*

#### Table 3: Predictive Utility for Patients with vs. without Thought Dysfunction Diagnoses

*Note: Table 3 contains t-test results for comparisons between MMPI-2 and MMPI-2-RF booklets for patients with vs. without thought dysfunction diagnoses.*

### Limitations & Future Directions

- Limitations include unequal sample sizes and a small sample of patients not diagnosed with thought disorders.
- Future studies should compare scale intercorrelations across booklets and utilize equal sample sizes.

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