

Modification to MCCB Imputation Procedures  
(November 2010)

We suggest a modification to the imputation procedures described in Appendix B of the MCCB manual. We advise users needing to impute scores for missing data to use standard scores (T-scores) instead of raw scores so that all values will be placed on the same scale of measurement. With the MCCB, the scores from tests vary considerably in their scale of measurement, with some tests yielding very small score numbers (e.g., CPT-IP) and others yielding very large score numbers (e.g., BACS SC). Placing all scores on the same T-score scale will minimize scaling differences across tests and help avoid problems when generating estimated values for missing data.

Using this method, the imputation procedure will yield a T-score for a given test(s) that will need to be converted back to a raw score to generate the missing domain and composite scores. This raw score would then be entered into the MCCB Computer Scoring Program to generate a T-score for the affected domain(s) and the overall composite to be used in statistical analyses. At the present time, we recommend using the tables in Appendix C) to look up raw scores that correspond with generated T-scores. Note that the normative tables only include T-scores ranging from 20 to 80. Hence, there is a loss of precision for T-score values below 20, which occur with some regularity in schizophrenia samples. We are currently working on development of a program that will provide exact raw score values for all T-scores, including T-scores below 20. We will post information on development of that program when it becomes available and will provide it in downloadable form on this website.