
<Fort Worth PsychWorks>

<PsychWorks> Glossary

Version <1.0>

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Revision History

Date	Version	Description	Author
09/23/2024	0.1	Initial Glossary	Sion Kim
09/24/2024	0.2	Add Psychologist term	Will Peck
10/19/2024	0.3	Add terms 2.4.1 and 2.4.2	Will Peck
10/30/2024	0.4	Add terms 2.4.3, 2.4.4 and 2.4.5	Will Peck
11/1/2024	0.5	Refactor 2.4 and its subterms	Will Peck

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Glossary

1. Introduction

This glossary provides definitions for terms and concepts specific to the PsychWorks project. It is intended to help project participants understand the domain-specific terminology and facilitate clear communication across all teams involved.

1.1 Purpose

The purpose of this glossary is to provide concise and clear definitions of key terms used in the PsychWorks project, which focuses on streamlining neuropsychological assessment processes at Fort Worth PsychWorks by automating psychometric analyses and report generation.

1.2 Scope

The scope of this glossary includes all terms directly related to the development, implementation, and use of the PsychWorks system, focusing on neuropsychological assessments and associated processes. It may also include general terms related to psychiatry and mental health, technical terms related to the system's functionality, and terms relevant to the operational needs of Fort Worth PsychWorks.

1.3 References

1.4 Overview

2. Definitions

2.1 Customizable Tables

User-configurable tables within the PsychWorks system are used to organize and structure patient assessment data according to specific clinical or reporting needs.

2.2 Electronic Health Records (EHR)

Digital versions of patients' medical histories maintained by healthcare providers, are used to store assessment results and other health-related information at Fort Worth PsychWorks.

2.3 HIPAA (Health Insurance Portability and Accountability Act)

A U.S. law mandates the protection and confidential handling of individuals' health information, with which the PsychWorks system must comply.

2.4 Neuropsychological Assessment

A comprehensive evaluation of a patient's cognitive, behavioral, and emotional functioning using standardized tests, clinical interviews, and observations. Key attributes assessed include memory, attention, language, and motor skills. The assessment will consist of multiple tests, which are represented with tables as defined below.

2.4.1 Behavioral Rating Scale

A specific type of scale used for Neuropsychological assessments that measures a specific type of behavior. The scale outputs a single score and has specific wording based on said score, describing what said score indicates. In some cases, it may be more complex, specifically like in 2.4.2.

2.4.2 Cognitive Performance Test

A specific type of test used for Neuropsychological assessments that measure cognitive scores. Typically outputs a table with various domains and subdomains pertaining to specific cognitive intelligence scores.

2.4.3 Table Name and (Measure)

The Table Name is the full name of the behavioral or cognitive test being run. The Measure is the abbreviated version of the specific cognitive measure being tested. For example: WASI-II: Wechsler

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Abbreviated Scale of Intelligence, WNV: Wechsler Nonverbal Scale of Ability, StS: Standard Scores (mean=100, SD=15), T: T-scores (mean=50, SD=10), ScS: Scale Scores, FSIQ: Full-Scale Intelligence Quotient

2.4.4 Subtest

A specific quality within a specific test, contains scales to be scored, or is scored on its own if there aren't any subdomains. The domain, which is a specific area of focus, is scored with a T, Z, Standard Score (StS), or (ScS).

2.4.5 Scale

A specific quality within a specific sub-test. Scored with a T, Z, Standard Score (StS), or (ScS).

2.5 Psychologist

Primary user of the system. Generates new Customizable Tables for new tests. Will also generate customized tables populated with patient's **relevant** scores from the tests generated during the Neuropsychological Assessment.

The templates assess intellectual abilities through WASI-II for overall functioning and WNV for non-verbal tasks, highlighting strengths and weaknesses. They include subtests for verbal and reasoning skills, non-verbal tasks like matrices, and scoring conversion tables to standardize raw scores into percentiles and performance categories like average or superior.