



Test Deck Process

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Introduction

- What is Test Deck Process?
- The test deck process is designed to validate that the data are captured and flow accurately from the test delivery system through the Aurora database, Field Research, and Psychometrics.

History

- Paper-pencil Format Variable list and map

| Variable Name | Label | Observed/Derived/Reported | Type of Data | Acceptable Value(s) | definition of Value(s) |
|---------------------|---------------------------------------|---------------------------|--------------|------------------------|---|
| Front page | | | | | |
| wisc5_teid | Test event ID | o | Numeric | 1-99999 | Sampling system test id number |
| wisc5_eeid | Consent form ID | o | Numeric | 1-99999 | Sampling system consent form id number |
| wisc5_cl | Clinical case | o | Numeric | 0,1 | 0=No, 1=Yes |
| wisc5_sex | sex | o | Numeric | M,F | M=Male; F=Female |
| wisc5_hand | Child's handedness | o | Numeric | 0-3, -9 | 1=right, 2=left, 3=both, -9 |
| wisc5_doty | Test date year | o | Numeric | 0-9999 | Test year |
| wisc5_dotm | Test date month | o | Numeric | 01-12 | Test month |
| wisc5_dotd | Test date day | o | Numeric | 01-31 | Test date |
| wisc5_doby | Birth date year | o | Numeric | 0-9999 | Birth year |
| wisc5_dobm | Birth date month | o | Numeric | 01-12 | Birth month |
| wisc5_dobd | Birth date day | o | Numeric | 01-31 | Birth date |
| wisc5_pl | Prescription lenses | o | Numeric | 0,1 | 0=No, 1=Yes |
| wisc5_plw | Prescription lenses wearing | o | Numeric | 0,1 | 0=No, 1=Yes |
| wisc5_id | Assisted Listening device | o | Numeric | 0,1 | 0=No, 1=Yes |
| wisc5_idw | Assisted Listening device wearing | o | Numeric | 0,1 | 0=No, 1=Yes |
| wisc5_wv | Verbatim wearing | o | String | alphanumeric; -6, -9 | verbatim response |
| wisc5_act | Subtest to activate TEID | o | Numeric | 1,0; -8 | clicking discontinue (-8) activates TEID |
| wisc5_gn | General Notes | o | String | alphanumeric; -6 | verbatim response |
| Block Design | | | | | |
| wisc5_bd_s01 to 16 | Block Design (BD) Item 1-16 Score | o | Numeric | 0, 1, 2, 4; -7, -8, -9 | Item score-items 1-3 (0, 1, 2), items 4-16 (0, 4) |
| wisc5_bd_bc02 to 16 | BD Item 2-16 Break in configuration | o | Numeric | 0,1; -7, -8, -9 | 0=No, 1=Yes |
| wisc5_bd_nb01 to 16 | BD Item 1-16 Number of Blocks Correct | o | Numeric | 0-9; -7, -8, -9 | numeric count of number of blocks correct |

Variable list

Child's Name: _____ Date Received: _____
 Examiner's Name: _____ Test ID: wisc5-teid Values: 0-99999
 Examiner's ID: _____ CFID: wisc5-eeid Values: 0-99999
 Site ID: _____ Clinical Case: Yes No -9
 Wisc5_cl For Pearson office use only

Variable Map: Version 2
 WISC-V 5-8-13
 2. Tong

wisc5_gn = General Notes
 Values: (enter verbatim or -6)

Standardization Record Form

Sex: Male Female → wisc5_sex
 Handedness: Right Left Both -9
 wisc5_hand

Year Month Day
 Test Date: wisc5_doty wisc5_dotm wisc5_dotd
 Birth Date: wisc5_doby wisc5_dobm wisc5_dobd
 Test Age: _____

Does the child use any of the following aids?
 Prescription Lenses: Yes No -9
 wisc5_pl
 Assistive Listening Device: Yes No -9
 wisc5_idw

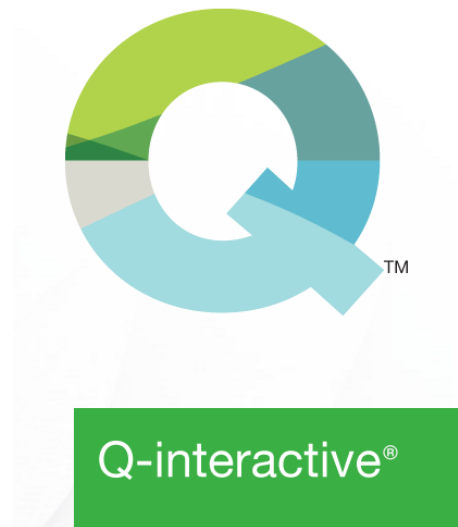
*If yes, was he or she wearing them during testing?
 Prescription Lenses: Yes No -6 -9
 Assistive Listening Device: Yes No -6 -9
 wisc5_wv

**If no, please explain how the child meets the general inclusion criteria.
 → wisc5_wv
 Values: enter verbatim, -6, -9

Variable map

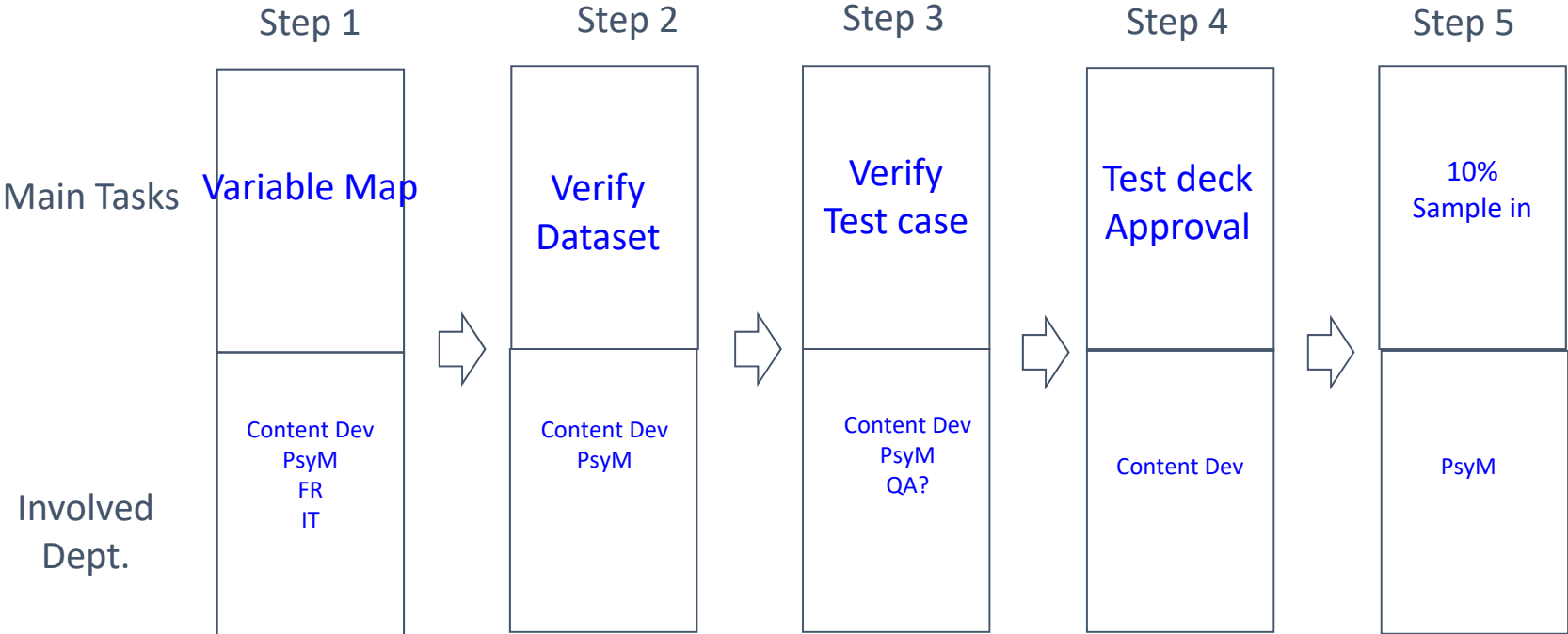
Digital Trends

- Digital & Paper
- The test deck process not only deals with paper format data but also digital data (Q-I and Q-G) and Survey data (Qualtrics) as well.

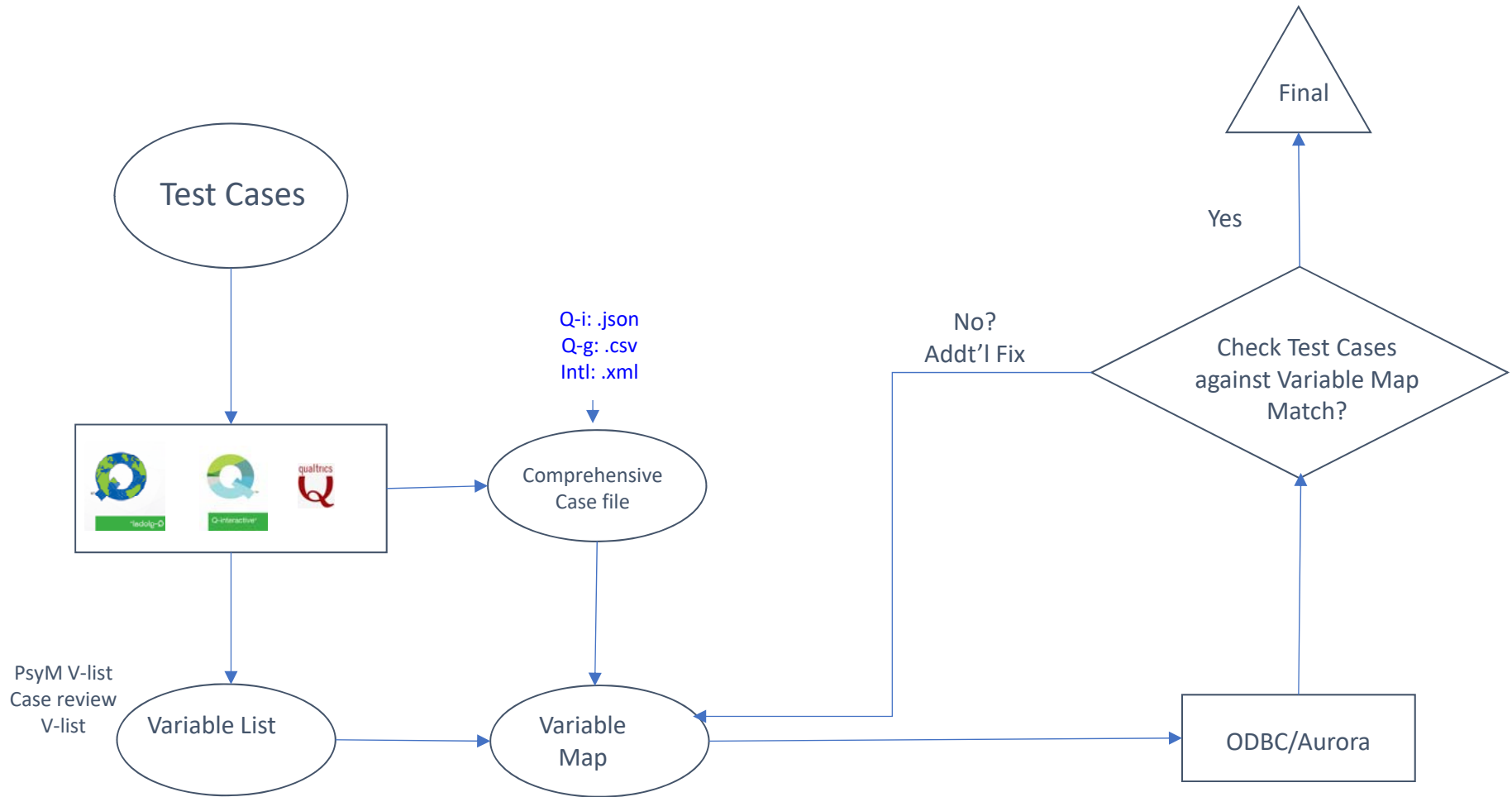


Major Procedure

- Work Flow



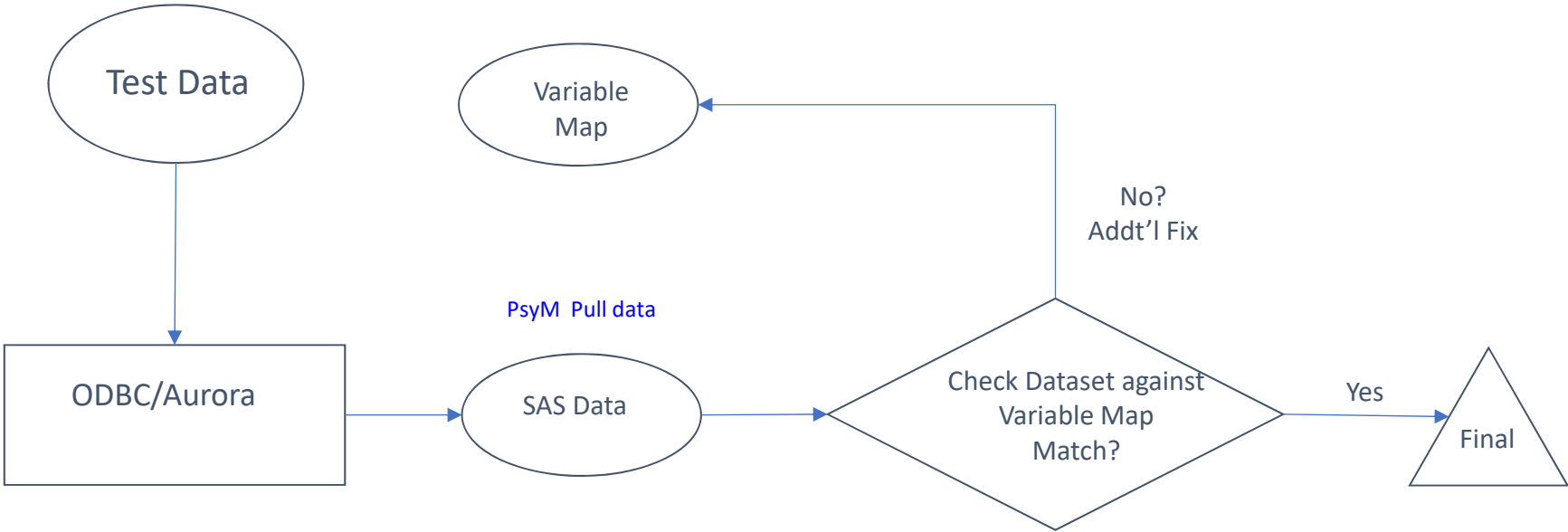
Step 1: Variable Map (Procedure 1-9)



Step 1: Variable Map (Procedure 1-9)

- Criteria:
 1. The number of variables (PsyM)
 2. Variables are following the standard variable naming convention (PsyM)
 3. The variables are using the right format (Psych)
 4. Passing acceptable accurate values (Content Dev)

Step 2: Verify Dataset (Procedure 10-11)



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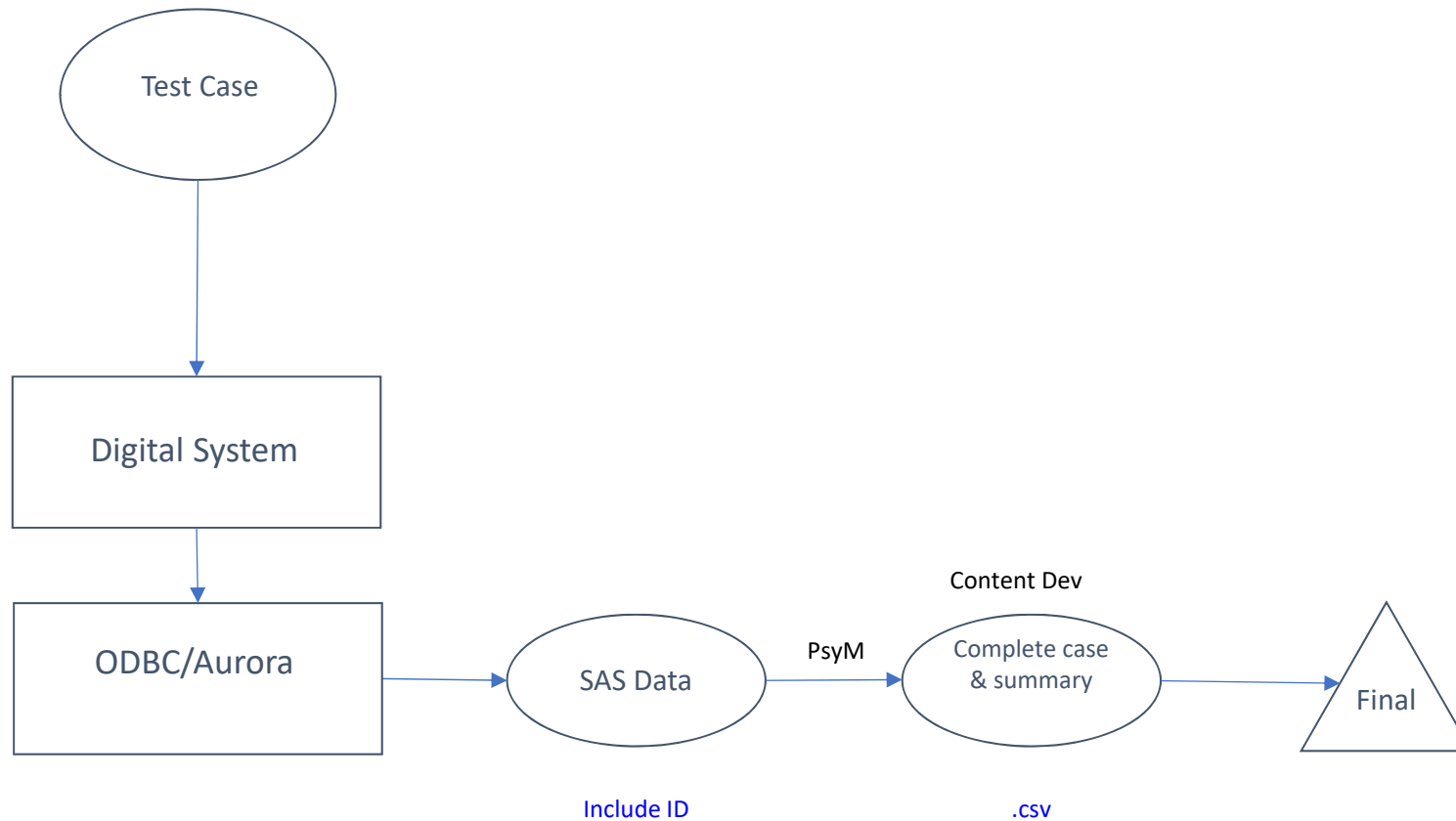
- Criteria:
 1. Dataset matches variable map

- Most of time, Step 1 and Step 2 are combined

Step 3: Test Case (Procedure 12-15)

Certain specs are needed.
No standard has been set yet.

Regular case
Scoring edge case
Switch variable case



Step 3: Test Case (Procedure 12-15)

- Criteria:
 1. Scoring rule check
 2. Navigation rule check
 3. Switch variable check

Step 4: Test Case Approval (Procedure 16-17)

- All output is coming through correctly (Content Dev).
- FR and Software Development are notified that the test and data can be released for use
- If the data is incorrect, determine where defect exists and go back to prior step(s) as needed.
- The stored procedure is updated (PsyM)
- The Phase ID is added to the queue and will project data will be included in nightly extracts.

Step 5: 10% Sample In (Procedure 18)

- Once 10% of the sample is in, Psychometrics will pull data and verify the file.(PsyM)

Related Documents

- Test Deck Process Doc:
 - https://docs.google.com/a/pearson.com/document/d/1gFTsUb6ZzIKU52rg1iX7IKPH49IYXokQR054CBq1KiY/edit?usp=drive_web
- Test Deck Process Tracking Sheet:
 - https://docs.google.com/spreadsheets/d/1iAb1q68QEQbXScxaLSN5ezxSthGxKuZeZAg7n_A7Nsg/edit?ts=572b7ece