

Instruction Manual for the EAS-5 Reader (v. 0.9.9.1)

Emotional Assessment System (EAS-5) © 2019 James P. Choca

The *EAS-5 Reader* is a cross-platform (Windows/Mac) utility application designed originally to read and extract the demographic information and item test responses from a batch of one or more .EAS5 datafiles generated by the current Windows-only version of Dr. James Choca's computerized test for administering his *Emotional Assessment System (EAS-5)* diagnostic questionnaire. It works also with datafiles generated by the Spanish-language version of the test, the *Sistema Autodiagnostico de Balance Emocional (SABE)*.

The current version of the *EAS-5 Reader* includes three panels:

(1) Create Batch File. When a folder containing one or more .EAS5 datafiles is selected, this utility scans each datafile included in that folder. It extracts from each datafile the demographic information and actual response (button press) for each test item. The results are written to a single comma-separated-value (.csv) file that can be imported into Microsoft Excel or SPSS for analysis. (The first row of this batch file is a header that identifies each column, followed by one row for each datafile processed.) Note that the item responses extracted from a datafile are *not* adjusted for reverse-scored items, so for most users this batch file is useful mainly when imported into the second panel for actual scoring.

This update includes for each line item the name of the .EAS5 datafile from which the item scores were extracted, along with the language (English vs. Spanish) in which the test was administered.

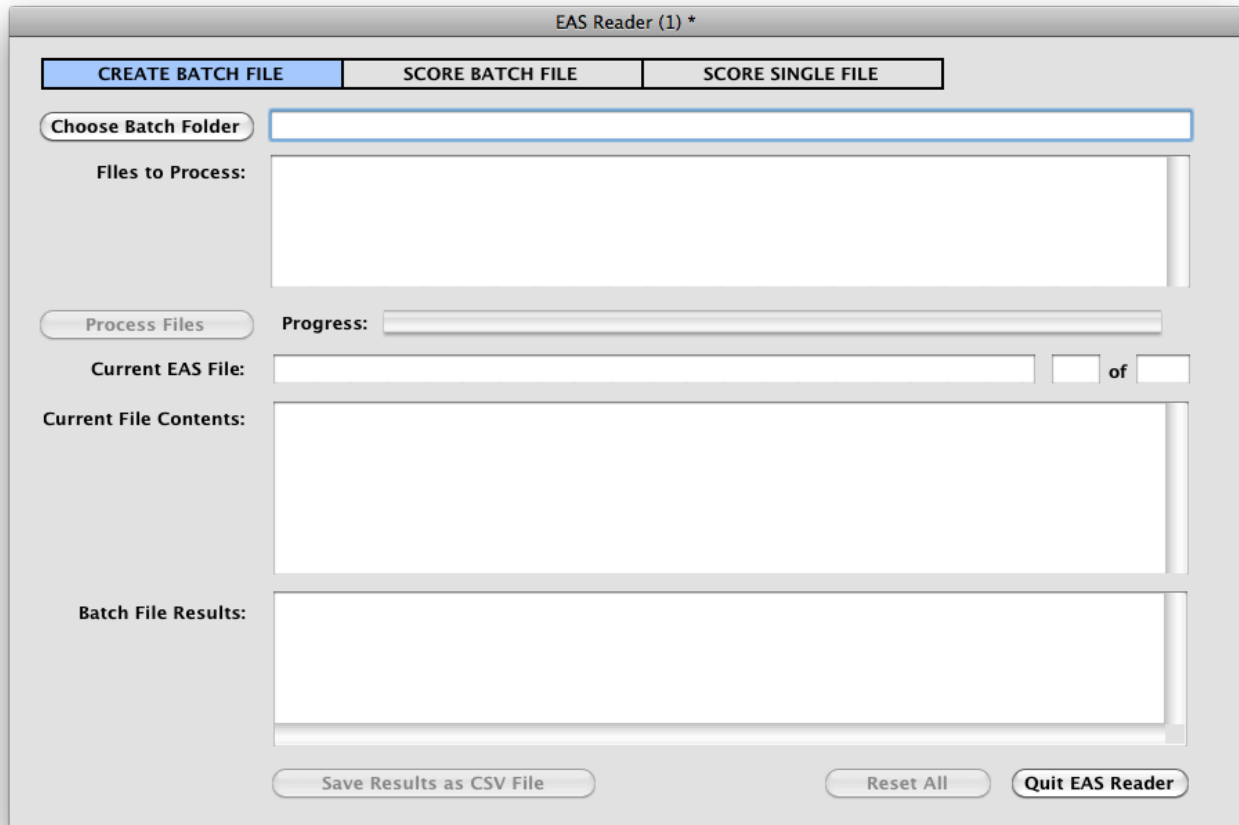
(2) Score Batch File. The *EAS-5 Reader* is designed also to read a single batch file generated in the first panel and to calculate for each datafile (row) an actual summary score for each of the seven validity (A) scale scores and 24 clinical (B) scale scores. The result again is a single .csv file—one row per datafile—for import into Excel or SPSS. Unlike the output of the Windows-only EAS-5 application, for those test scales that employ four-point Lickert responses, the *EAS-5 Reader* recognizes those gradations in test response, along with (when warranted) the reverse-scoring of individual items. Consequently, the range of raw scores for those scales is greater than those reported in the original testing application. When imported into Microsoft Excel, the scored .csv batch files generated by this feature of the *EAS-5 Reader* were employed to calculate the mean and standard deviation for each scale of the current normative sample. Given an adequate sample size, this procedure may be used to develop local norms as well.

(3) Score Single File. The newest feature of the *EAS-5 Reader* enables the user to read a single .EAS5 datafile in order to generate an actual clinical test report in plain-text format that — in addition to raw scale scores — provides T-scores based upon the most recently available normative samples. New to this version is that the user can choose among English (EAS), Spanish (SABE), or Combined norms. (As updated norms become available, these can be substituted without requiring a rewrite of the *EAS-5 Reader*.) To the extent that the EAS-5 is deemed valid as a measure of the defining features of the included DSM-5 diagnostic categories, these reports may constitute a useful clinical tool.

The following pages describe each of the three current *EAS-5 Reader* panels.

(1) CREATE BATCH FILE

Upon launching the *EAS-5 Reader*, one is presented the following screen:



The navigational button **CREATE BATCH FILE** is highlighted to indicate that this is the screen employed to generate a batch file from a folder containing one or more .EAS datafiles.

There are essentially three steps to generate an EAS-5 batch file:

1. Click the *Choose Batch Folder* button to search for and select a folder containing one or more .EAS datafiles. The path to that folder will be displayed in the field to the right of that button and the paths to the .EAS files contained in that folder will be displayed in the field below (labeled “Files to Process:”).
2. At this point, the *Process Files* button will be available. Click on this button to initiate the scan of the .EAS datafiles in the chosen folder.
3. As each datafile is scanned, its path will be displayed in the *Current EAS File* field and its contents will be displayed in the *Current File Contents* field.
4. The *Progress* bar will display in real time how many datafiles have been scanned so far. (Because scanning those files is very computer-intensive, this provides a visual cue that the *EAS-5 Reader* is still hard at work.)
5. Once all datafiles have been scanned, you will be alerted that the *Save for Export as CSV File* button is available. Click this button to save the .csv batch file to a location of your choice.

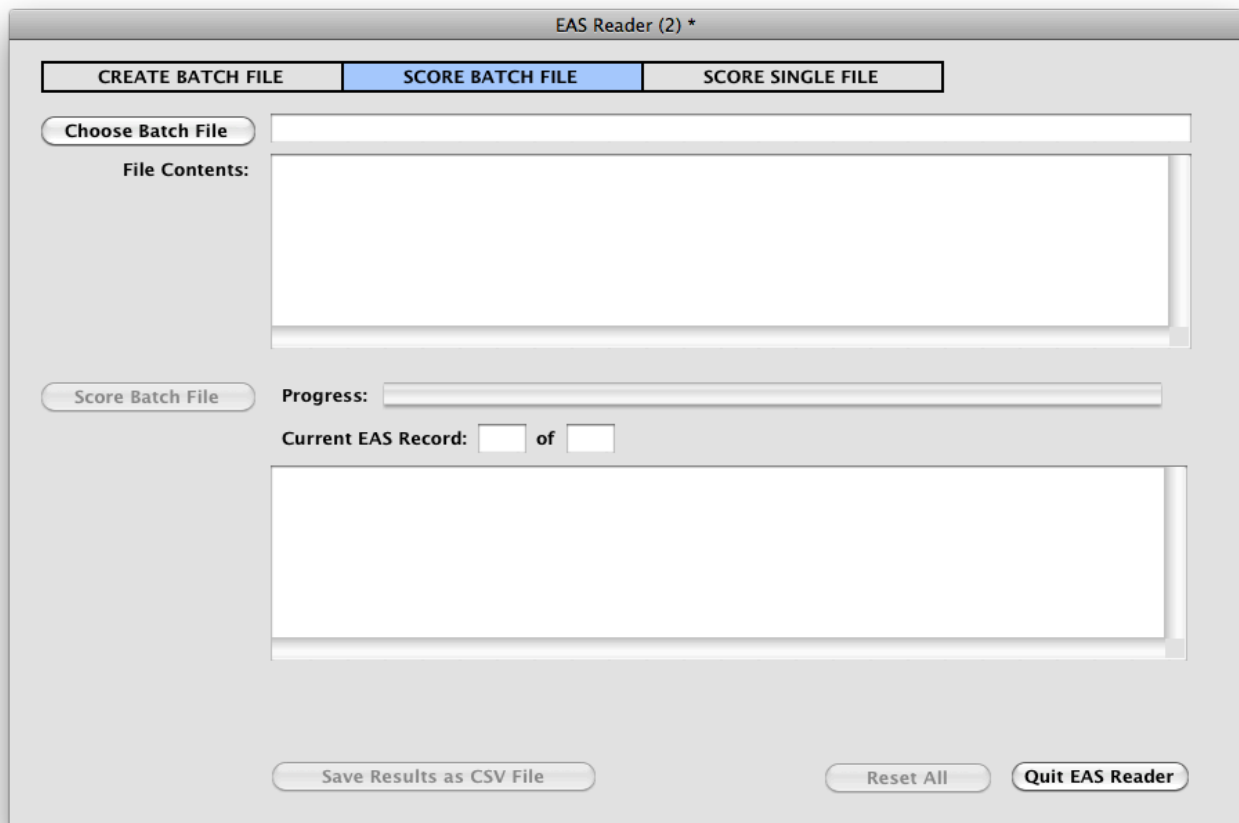
Upon completing this procedure, you may click the *Reset All* button to clear all fields, and/or simply click the *Quit* button to exit the *EAS-5 Reader*.

(2) SCORE BATCH FILE

The first panel of the *EAS-5 Reader* extracts and writes to a single .csv batch file the raw responses extracted from one or more original .EAS5 datafiles (one per line). This second panel takes as input one of these batch files and outputs for each case — i.e., for each line — a total score for each “A” and “B” scale that reflects (when appropriate) any four-point Lickert distinctions and any reverse scoring.

When imported into Excel, such scored batch .csv files were combined and employed to calculate the means and standard deviations for each of the EAS-5 scales, in order to derive the T-score conversion table from the most recently available Community/SABE sample.

When opened, the second panel displays as follows:



In order to score the extracted datafile responses saved to a batch file, do the following:

1. Click the *Choose Batch File* button to identify a .csv batch file generated using the procedure detailed above. The URL of the .csv will be identified in the field to the right of that button and the actual contents will be displayed in the field (*File Contents:*) below.

2. Click the *Score Batch File* button to begin scoring each line (datafile). This runs so quickly that it may not even register on the *Progress* bar. However, the results will be displayed in the field below.
3. Click the *Save for Export as CSV File* button to save the results as a .csv file for import into Excel or SPSS. This file includes a header that identifies each column, followed by one line item per datafile.

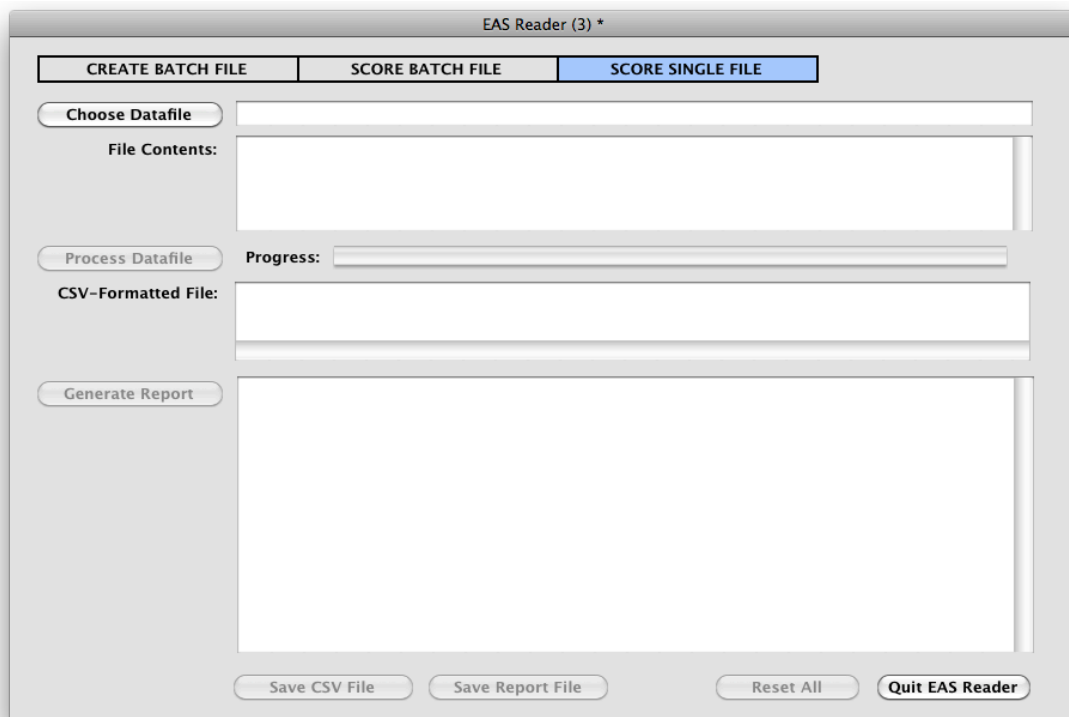
Note: For the validity (A) scales, the summary scores are simply the number of problematic item responses: For Aa (Alertness) and Ac (Comprehension) this is simply the number of errors, whereas for Ai (Inconsistency) it is the number of discrepancies between paired items.

However, for each clinical (B) scale, each item response has been converted before the sum total for that scale has been calculated. For example, items that do not require reverse scoring are treated as follows: 1=3, 2=2, 3=1, 4=0, whereas for items that must be reverse-scored must be opposite: 1=0, 2=1, 3=2, 4=3.

Note that these scale scores differ from those displayed in reports generated by the original Windows-only EAS-5 testing application, inasmuch as the latter employed a dichotomous method of scoring (e.g., unless reverse-scored, either 1 or 2 = 1, and either 3 or 4 = 0) .

(3) SCORE SINGLE FILE

This panel takes as input a *single* original .EAS5 datafile. The test item responses are extracted from the datafile (as in panel one) and scored (as in panel two). However, in addition, this generates a plain-text report that includes not only the raw score for each “A” and “B” scale, but also (where appropriate) a T-score based upon the most recently available normative data.



1. Click the *Choose Datafile* button to identify a single .EAS5 datafile. The URL will be identified in the field to the right of that button and the actual contents will be displayed in the field (*File Contents:*) below.
2. Click the *Process Datafile* button to begin scoring the datafile. This is essentially the same procedure that generates a scored .csv formatted file from an .EAS5 datafile, except that it is limited to a single datafile. Still, it can be saved by clicking the *Save CSV File* button below.
3. Click the *Generate Report* button to create a plain-text report of the results, which includes for most EAS-5 scales a T-score based upon the most recently available norms for the corresponding normative sample (EAS, SABE, or Combined) as well as a raw score scale. This is displayed in the field to the right.
4. Click the *Save Report File* button to save the text report to disk.

The following page illustrates a report generated by this feature of the *EAS-5 Reader*. All T-scores reflect the most recently available T-scores for the corresponding set of norms.

EMOTIONAL ASSESSMENT SYSTEM (EAS-5)
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Client: Marrchile GM
Gender: Female
Age: 021
Ethnicity: Hispanic
Education: 016
Language: Spanish (EAS norms)
Test Date: 09/05/2016

TIER A: VALIDITY INDICES

Aa Alertness	Raw = 0	of 8
Ac Comprehension	Raw = 0	of 6
Ai Inconsistency	Raw = 0	of 6
Ad Defensiveness	Raw = 00	T = 35
Ap Positive Image	Raw = 15	T = 28
An Negative Image	Raw = 23	T = 70
Au Unusual	Raw = 06	T = 61

TIER B: PERSONALITY

B01 Schizoid	Raw = 06	T = 44
B02 Avoidant	Raw = 06	T = 43
B03 Dependent	Raw = 03	T = 43
B04 Histrionic	Raw = 09	T = 49
B05 Narcissistic	Raw = 03	T = 39
B06 Antisocial	Raw = 33	T = 82
B07 Compulsive	Raw = 15	T = 47
B08 Schizotypal	Raw = 06	T = 47
B09 Borderline	Raw = 30	T = 75

TIER B: MOOD

B10 Anxiety	Raw = 33	T = 68
B11 Anger	Raw = 42	T = 95
B12 Depression	Raw = 27	T = 67
B13 Mania	Raw = 06	T = 48

TIER B: PATHOLOGICAL DEFENSES

B14 Somatic Concerns	Raw = 03	T = 47
B15 Eating Disturbance	Raw = 00	T = 40
B16 Substance Abuse	Raw = 00	T = 44
B17 Paranoia	Raw = 12	T = 51
B18 Thought Disturbance	Raw = 00	T = 44

TIER B: ENVIRONMENTAL

B19 Current Stress	Raw = 27	T = 76
B20 Posttraumatic Stress	Raw = 24	T = 68

TIER B: NEUROLOGICAL

B21 ADHD Issues	Raw = 30	T = 58
B22 Neuropsych Issues	Raw = 33	T = 85

TIER B: LEVEL OF FUNCTIONING

B23 Severity	Raw = 348	T = 63
B24 Impairment	Raw = 20	T = 111