# **Updates**

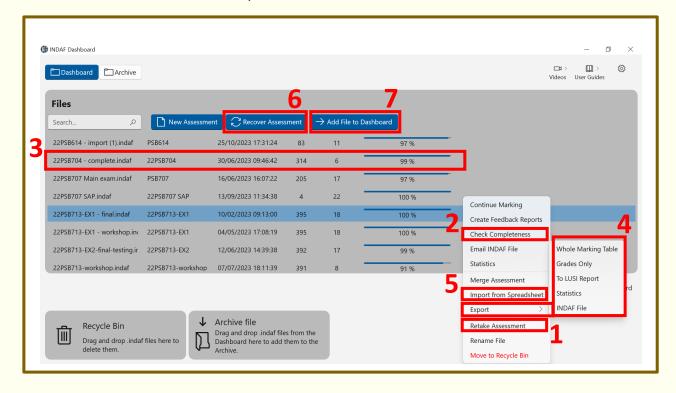
**INDAF v2.0.0.0** 

This document outlines the main changes moving from version 1 to version 2.

Upon starting up INDAF, please check the bottom right corner of the Dashboard. This shows the version number. If that number starts with 1, please download and install INDAF version 2 from the Software Center.

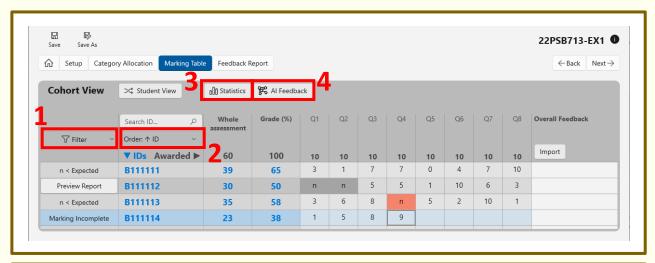
#### 1 Extended Dashboard functionality

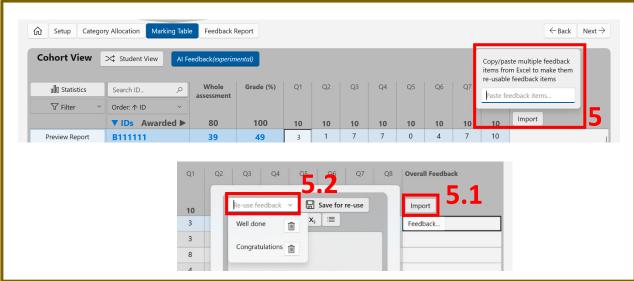
- 1. Retake assessment: This allows the user to wipe all student IDs and associated marks from an existing assessment but retain the assessment structure (number of questions and category allocation). This may be useful for SAP assessments or assessments in follow-on years which have the same structure as the existing assessment. Markers can then use this scaffold and only need to include new student IDs rather than setting up a whole new assessment.
- 2. Check Completeness: This checks whether every student ID with associated marks has a complete set of marks and that generic feedback has been provided. This functionality is also accessible from the tab "Feedback reports" (button "Check completeness").
- 3. Double click functionality: Double clicking opens assessments from Dashboard or Archive.
- **4. Additional export options:** Assessment data can be exported directly into a LUSI file. Statistics data can also be exported (in .csv format). Finally, INDAF files (ending in .indaf) can be exported and saved in a location of the user's choosing.
- **5. Additional import options:** Individual student feedback can be imported (the previous version supported the import of marks only). Mac users may hence mark an assessment using Excel and then import the Excel file into INDAF upon completion.
- **6. File Recovery:** Users can recover INDAF files, which are autosaved in 6-minute intervals over the last 2 hours.
- 7. File inclusion into Dashboard: INDAF files (file extension: .indaf) can either be added to the Dashboard by clicking 'Add File to Dashboard'. Alternatively, once the computer associates INDAF files with the App, INDAF files can be included into the Dashboard by double clicking on them (to make the association, right-click on an .indaf file, select 'Open with', and select 'INDAF Windows' this only has to be done once). Once the association is made, the thumbnail of the INDAF files shows the INDAF symbol, and INDAF files sent via e-mail attachments can be directly included from Outlook.



### 2 Marking Table

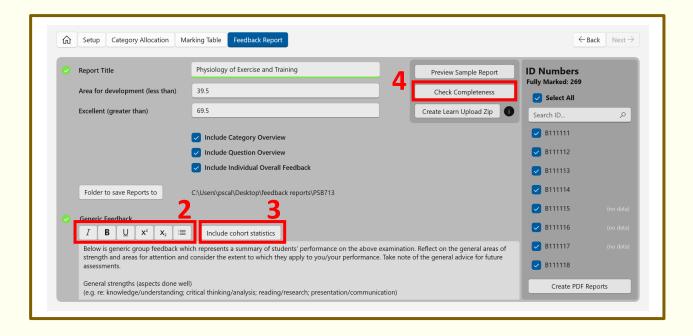
- 1. Filter options: The marking table can be filtered to display IDs with the following attributes:
  - a. n < Expected</li>
    Applies to assessments with optional questions indicating not enough questions
    were defined as left out ('n') by the marker
  - b. n > Expected
    Applies to assessments with optional questions indicating too many questions
    were defined as left out ('n') by the marker
  - c. Marking Incomplete
  - d. Marking Complete
  - e. Unmarked
- 2. Sorting: Student IDs can be sorted within the Marking Table, either according to ID number, or if imported from Learn, according to the students' last names (to enable anonymous marking, these are not shown in INDAF, but are saved in the background).
- **3. Direct access to Statistics:** This allows the user to easily check cohort, question and category statistics during marking.
- **4. Al powered feedback generation:** Please see next page for details.
- **5. Bulk Import:** Pre-defined feedback items can be included into INDAF in bulk. When marking, these can then be selected via the 'Re-use feedback' function (5.1, 5.2).





## 3 Feedback provision

- **1. Extended formatting:** For all feedback, rather than only plain text, the following formatting can be applied.
  - Upper- and lower-script
  - o Bold, italics, underline
  - Bullet points
- **2. Cohort statistics:** Overall statistics and category statistics into the generic feedback can be directly added.
- **3.** Check Completeness: This checks whether every student ID with associated marks has a complete set of marks and that generic feedback has been provided. This functionality is also accessible from the Dashboard.



## 4 Al powered feedback generation (pilot phase)

This feature is currently piloted and not available to standard users. A valid OpenAI API key must be provided in Settings.

Upon completion of marking, individual qualitative feedback can be generated in bulk. The overall mark, category marks and user inputs define the prompt sent to OpenAI, which generates the feedback.

Al powered feedback generation takes time (~5-20 seconds per report), during which INDAF is unresponsive. However, INDAF can work in the background and users can use other applications during feedback generation.

- **1. Temperature:** This adjusts the focus of the AI model. Values closer to Zero make the output more focused, values closer to One allow more creativity.
- **2. Resources:** Users can define any further resources based on the categories defined for the assessment. This may be a specific Physiology textbook chapter for the first category in the example below.
- **3. Free text:** Users can finetune the prompt. For example, users may indicate whether a given topic area is going to be followed up in a future module.
- **4. Prompt:** This field is populated based on the above information. It is not directly editable.

