

Analyzing and Exporting Assessment Results

This page focuses on understanding, interpreting, and re-using assessment results after grading has been finalized and grades have been sent to Canvas. The tools described here support instructional improvement, departmental review, and assessment documentation. This page does not cover grading workflows or LMS sync. Those steps are addressed earlier in this book.

Understanding the Results Views in Akindi

After selecting View Results for an assessment, Akindi provides several ways to look at student performance. Each view serves a different purpose.

Overview

The Overview provides a high-level snapshot of assessment performance. Instructors commonly use this view to:

- Check overall score patterns
- Identify unusually high or low averages
- Confirm that results align with expectations

Think of the Overview as an at-a-glance summary before digging deeper into specific questions or students.

Graphs and Distributions

Graph-based views help visualize how students performed across the assessment. Common uses include:

- Reviewing grade distributions
- Spotting clustering at the high or low end
- Identifying potential issues with difficulty or time constraints

These visualizations are especially useful when comparing multiple sections or reviewing results shortly after an exam.

Responses

The Responses view provides a detailed, spreadsheet-style breakdown of student performance. In this view, instructors can:

- See individual student scores
- Review how students responded to each question
- Switch between assessment versions to view responses as students saw them

This view is often used when instructors need student-level detail or want to investigate how specific questions functioned.

The Responses view may look different depending on how the assessment was created.

Responses in the New Assessment Workflow vs. Akindi Classic

How responses are displayed depends on how the assessment was created:

New assessment workflow

Because the questions are created or imported directly into Akindi, the system understands how questions relate across multiple versions. By default, the Responses view shows questions and the answer key in the original, unscrambled order in which you created them. This allows you to see:

- The question text and answer key in a consistent order
- The specific answer each student selected
- Whether that response was correct for the randomized version that the student received

You can also switch views to see responses as students encountered them on their randomized versions of the exam. For detailed instructions, see [the Analyzing the Responses Tab in Akindi guide](#).

Akindi Classic

In the Classic workflow, each version of the bubble sheet and answer key is defined independently. Because Akindi does not have access to the underlying question structure, it cannot determine

which questions are equivalent across versions. As a result:

- The All Versions view indicates whether each question was correct or incorrect, rather than showing the specific letter selected
- To view answer keys and responses, you must select a specific version

For detailed instructions, see [the Analyzing the Responses Tab | Akindi Classic guide](#).

What Is the Same in Both Workflows?

These differences affect how results are displayed, not how scores are calculated. In both workflows, the Responses view shows the underlying data Akindi uses to calculate scores. Even though the amount of contextual question text may differ, core interaction features are the same in both workflows, including:

- Clicking the magnifying glass icon to view the student's raw scanned answer sheet
 - Clicking the report icon to view the student's individual report
 - Sorting by any column (such as Student ID, Name, Version, Mark, or Date)
 - Toggling between raw marks and percentages using the Percentage switch
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Interpreting Question Performance

Beyond individual scores, Akindi provides tools to help instructors evaluate how well questions performed.

Question and Answer Breakdown

Question-level views allow instructors to:

- Identify the questions most students missed
- See which incorrect options were most frequently chosen
- Detect ambiguous or misleading answer choices

These insights are valuable for refining future exams or revisiting topics in class.

Discrimination and Reliability (High?Level)

Akindi includes several statistical indicators that describe how well questions differentiate between higher- and lower-performing students.

At a conceptual level:

- Discrimination metrics help indicate whether a question distinguishes between students who performed well overall and those who did not
- Reliability indicators help describe the internal consistency of the assessment

These measures are most useful for exam revision and long-term assessment planning, rather than individual student grading.

You do not need to be a statistician to use these indicators. Look for outliers or unexpected patterns rather than precise thresholds.

To learn more about how to use the Results view, see the [Analyzing the Results guide](#).

Adjusting Questions After Reviewing Results

In some cases, instructors may decide to adjust how one or more questions are scored after reviewing assessment results. This typically occurs when a question performs unexpectedly due to ambiguity, misalignment with instruction, or widespread misunderstanding.

In these cases, Akindi provides three options for adjusting scores after they are graded. These options are:

- **Remove Question from the test**
- **Set Question as Bonus**
- **Accept any answer as correct**

For detailed instructions for how to make these adjustments and to see how they will affect students' grades, see [Adjusting questions to improve the average](#)

Identifying Students and Special Cases

Akindi also provides tools for examining results at the student level.

Students Who Missed the Assessment

Instructors can quickly identify students who did not submit a completed answer sheet. This is useful for:

- Confirming absences
- Following up on make-up exams
- Ensuring records are complete

For detailed instructions, see the [Who missed the assessment? guide](#).

Individual Student Actions and Reports

For individual students, Akindi allows instructors to:

- Review a student's responses
- Confirm grading outcomes
- Generate individual student reports

These tools are helpful when responding to student questions about exam performance.

For detailed instructions, see the [Individual Student Report guide](#).

Exporting Assessment Results

In addition to reviewing results within Akindi, instructors may export assessment data for use outside the platform.

Exporting Results as CSV

Assessment results can be downloaded as CSV files, which can be opened in Excel or other data analysis tools.

CSV exports are commonly used for:

- Additional analysis beyond Akindi's built-in views
- Departmental or program-level review
- Accreditation and assessment documentation
- Comparing results across semesters or sections

Exported data may include student scores and question-level information, depending on the selected options.

Exporting results does not affect grades in Canvas. Exports are for analysis and record-keeping only.

For detailed instructions, see [A Full Guide to Exporting Assessment Data](#).

Using Exported Data Effectively

When working with exported results, instructors often:

- Filter or sort questions to identify patterns
- Compare performance across different versions or sections
- Track changes in question performance over time

These practices support continuous improvement and evidence-based course adjustments.

Additional Resources (Akindi Help Center)

For detailed explanations of specific analytics and export options, see Akindi's official documentation, including:

- [Analyzing assessment results](#)
 - [Analyzing the Grade Distribution](#)
 - [Analyzing the Question and Answer Breakdown](#)
 - [Analyzing the Point Biserial](#)
 - [Discriminatory and Point Biserial Score](#)
 - [Kuder-Richardson Formula 20 \(KR-20\)](#)
 - [Single Student Actions](#)
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Revision #7

Created 2026-03-18 21:21:58 UTC by William Murry

Updated 2026-03-25 15:17:44 UTC by William Murry