

The **Longitudinal Analysis Report** shows how Exam Takers performed in categories that appeared on exams over a period of time. It allows Users to conduct a deeper analysis of Exam Takers' performance to determine patterns of success in order to make more accurate predictions about student ability and develop appropriate interventions. This report is important in determining the academic growth of Exam Takers, and it provides key achievement data for accountability purposes.

1. Select the **Longitudinal Analysis** section of the **Reports** tab.

2. In the **Primary Filter** select the post dates, Users, and courses.

3. In the **Secondary Filter** select the **Assessment Type** and choose the **Assessment**. Filtering by assessment type (i.e. Question Bank vs. Performance) allows User to see how different types of assessments are performing within their categories.

Click the **Include Rubrics** checkbox to include data from performance assessments that have rubrics attached. Unchecking this option but selecting to include "Performance" assessment types will include points-based performance assessments only.

The **Include Rubrics** option will display and be checked by default for Institutions with the Rubrics feature enabled.

4. In the **Final Filter**, select the categories desired, the Exam Taker Group being analyzed, and the Exam Takers within that group. Then, modify the available options, as needed.

5. Click **Run Report**.

Candidate ID	Name	Analogy % Correct	Analogy # Correct
# Assessments		1	1
# Items		9	9
Group Average		0 %	0 %
0001	McWilliams, Rex (0001)	0%	0

The **# Items** at the top represent the number of unique questions contained in the selected set.

The Exam Taker's percentage is derived from the number of items they answered correctly out of the total number of items they attempt to answer. Each Exam Taker's number of items attempted is different.

6. The report will display the Exam Taker ID and name, along with each category and the number of assessments selected that it appears in, the number of questions with the category tagged, the group average percent and average number correct, and individual Exam Taker's percentage and number correct.
7. This report can be exported via CSV or Excel.
8. Clicking the Exam Taker's name will show their individual **Longitudinal Analysis Report**.

Testing ID	Name	Nutrition in Aging % Correct	Food % Correct	Cusps pathways % Correct
# Assessments		7	9	1
# Items		4	6	7
Group Average		0 %	71.87 %	0 %
jneidish	Neidish, Joshua (jneidish)	0%	70%	0%
rienoci	Lenoci, Ryan (rienoci)	0%	50%	
UAT01	Test1, Testar1 (UAT01)		100%	
uatstudent01	Pereira, Miguel (uatstudent01)		68.67%	