

Test Analysis and Validation in TestVision

Version 1.1 – July 2021

After students have taken the test, the test results and test analysis are available in TestVision. Take the following steps to view the analysis and validate the psychometric data in the database.

Validation results in recording the average P-value, P(corr)-value, A-values and a range for the Rit-values (min-max) as properties of the question. These values are **not** affected when sessions are removed. TestVision test results (sessions) will be removed 2 years after the test date. In order to keep the analyses per question saved (validated) follow these steps:

- Log in and click on **Published tests**.
- Click on **Results** behind the test you would like to view.
- Click on **Analysis** in the upper left hand corner of the screen.
- You now have access to the **Test analysis** and **Item analysis**.
- You may want to make modifications (see *below* for the steps and options).
- In order to validate psychometric data (p-value, rit) in the database, click on **Validate** in the lower right-hand corner of the screen. This button is active only when viewing the original analysis. After making modifications: click in the upper right-hand corner on **View original** in order to access the original analysis.
- Validation is definite, it can not be undone.

Afterwards you can view the results under the respective question by clicking the 'i' button next to the question name with detail information of the question.



Making modifications:

1.	Click on Item analysis	
2.	View item results and read remarks of students. Tip: To see the question, click i → Preview.	
<i>Decide to make modifications?</i>		
3.	Click on Modify .	
4.	Click on Item result .	

5.	<p>You can make three types of modifications:</p> <ul style="list-style-type: none"> - Consider the item correct for all students. - Exclude the item for all students. - Modify answer option: add a correct option or mark another option as correct. <p>It is <u>not</u> possible to adjust the maximum score of a question.</p>	<table border="1"> <thead> <tr> <th>Consider correct</th> <th>Exclude</th> <th>Modify</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	Consider correct	Exclude	Modify	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
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6.	<p>Click on Check modifications to see the effects on the test results. <i>Important:</i> in case your modification results in a candidate who passed the test now failing the test, choose Consider correct instead of Exclude. If you wish to finalize the modifications: Apply modifications.</p>																
7.	<p>Click on Close.</p>																
8.	<p>In order to communicate grades: Go to Sessions in the main menu. Click on Results behind the test. Click on Download in the upper left-hand corner. Download Results as CSV to obtain the grading list.</p>																