

The User Guide



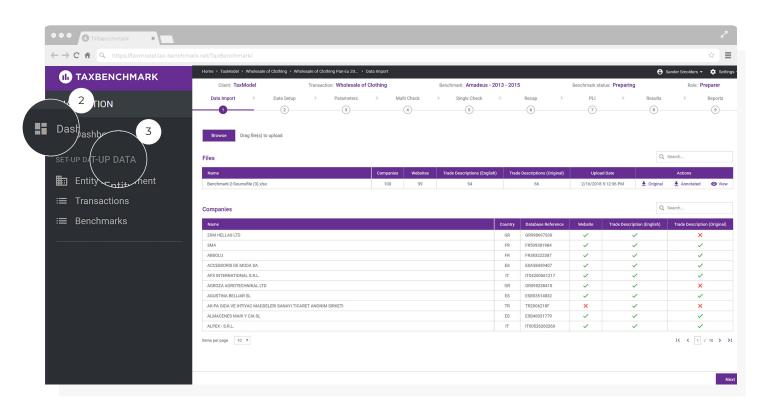


How to use this guide: An introduction

Thank you for trust in TaxModel and our product TPbenchmark. This user guide contains general information regarding the basic functionalities. The user guide is split into the following elements/pages:

- · Pre-setting: Edit Benchmark
- · The sidebar
- · Steps 1 to 9
 - · Step 1: Data Import
 - · Step 2: Data Set-Up
 - · Step 3: Parameters
 - · Step 4: Multi Check
 - · Step 5: Single Check
 - · Step 6: Recap
 - · Step 7: PLI
 - · Step 8: Result
 - · Step 9: Reports

We will zoom in on specific details within TPbenchmark by using bubbles to help you along the process of getting familiar with the key features of the tool. The numbers in the bubbles refer to key words in the text: for what it looks like, see below.

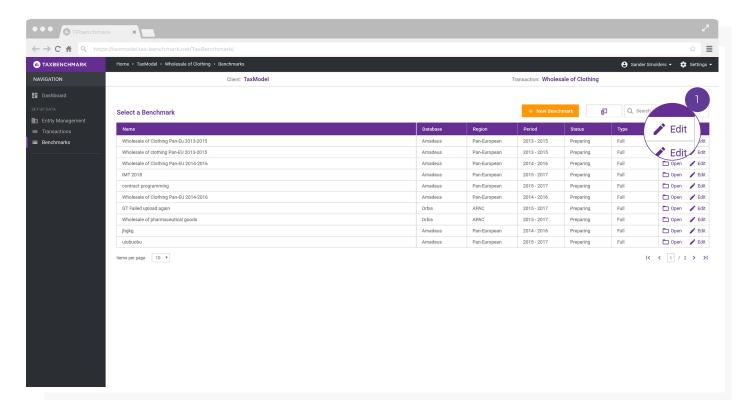


For more information, contact us at TaxModel. Last update: July 4, 2019.

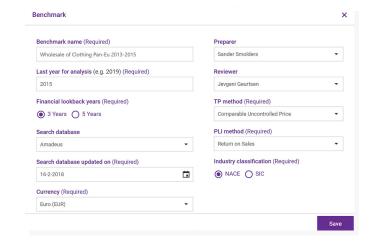


Pre-setting: Edit Benchmark

The user can change the basic settings of a Benchmark. Click on 'Edit' to open the popup window to change the basic settings.



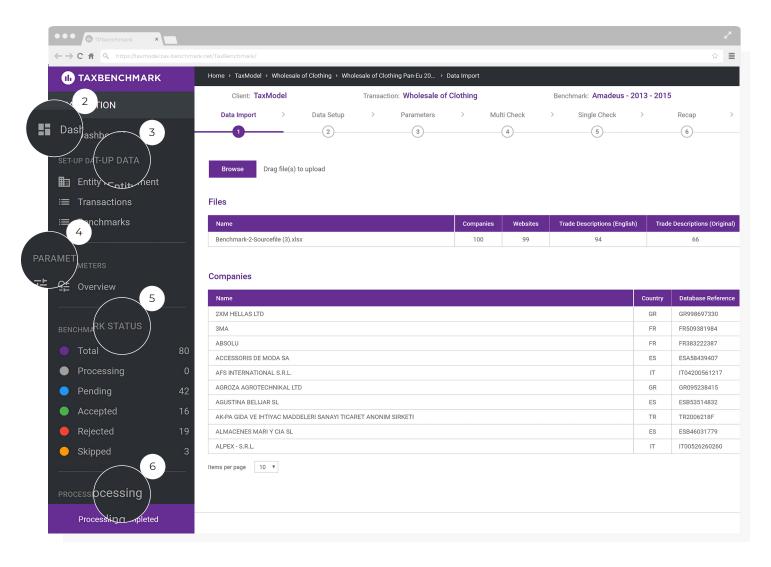
- Information in this popup window will be used in the exported report
- Last year for analysis / Financial lookback years: define data from which year will be calculated in Result page (please refer to result page of this manual)
- Preparer / Reviewer: Prepare can perform the benchmark analysis (accept / reject companies), while reviewer have read-only access to the benchmark.
- Industry classification: Select NACE for the search using NACE Rev. 2 codes as industry classification and select SIC for the search using US SIC codes.





The sidebar

The sidebar on the left of your screen serves as a navigation panel where the user can easily access different elements of the TPbenchmark tool.



By clicking on "Dashboard²" the user will be redirected to the overview page which shows the status of all benchmarks. Via the Set-Up Data³ tab the user can manage information regarding the entity and see an overview of the transactions and benchmarks related to the entity. Clicking on this section opens a pop-up window which contains an overview of all parameters (please refer to the section "Parameters⁴" in this User guide).

The "Benchmark status⁵" gives an overview of the benchmark status and the user's progress. By clicking on one of the groups, a pop-up is window is opened, which shows an overview of the company's information. By selecting one company, the user will be redirected to the "Single check" page (please refer to section "Single check" in this User Guide). The "Processing status⁶" shows the status of crawling process (please refer to section "Data setup" in this User guide).



Steps 1 to 9

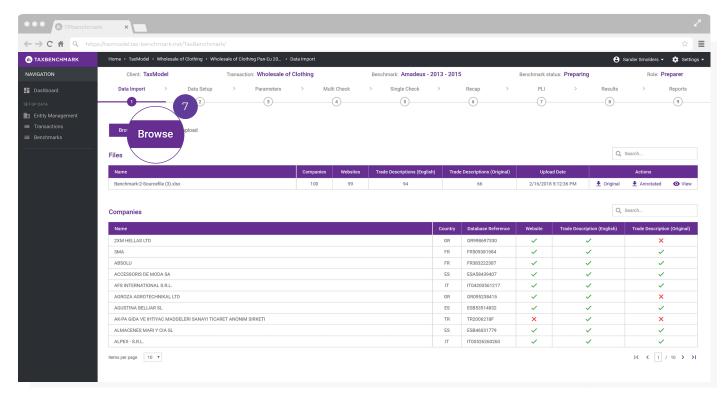
Select a benchmark to start the analysis



Step 1: Data import

As the first step, the user will upload the exported data set (from TP Catalyst) to TPbenchmark.

1. Click on the "Browse⁷" button, a file picker window will pop up.



- 2. In the file picker window, select the export file that needs to be processed and click on "Open".
- 3. Click on "Upload". The selected file will be uploaded to TPbenchmark.
- 4. Click on "Next8" to upload the file and move to next step.





Step 2: Data Setup

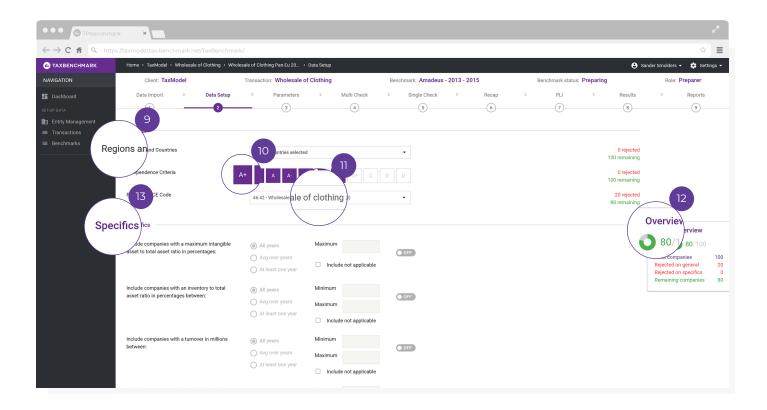
Regions and Countries⁹: This shows the countries included in the search export and the option to screen these countries (eg. for localization purposes).

Independence Criteria¹⁰: This shows the independence indicators downloaded from the database and the option to further reduce these.

Primary NACE Code¹¹: This shows all primary NACE (or SIC) codes exported from the database and the option to further reduce these for further screening purposes.

Overview¹²: Overview of the companies rejected in one or more of the screening steps.

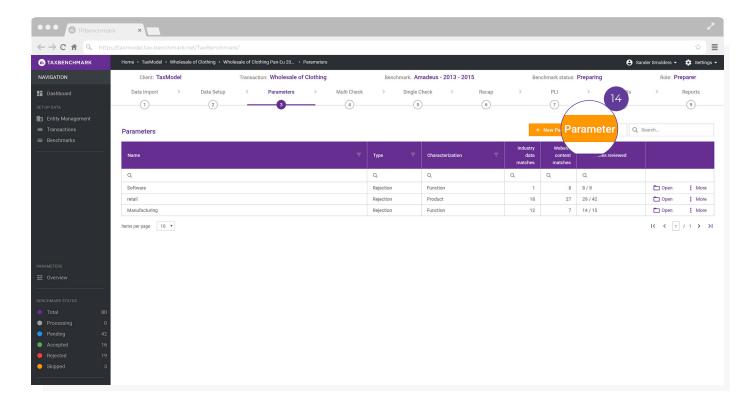
Specifics¹³: TPbenchmark offers various specific ratio screenings. The purpose of the ratio screenings is to reduce the set of companies for manual review by further finetuing the comparability of the set.





Step 3: Parameters

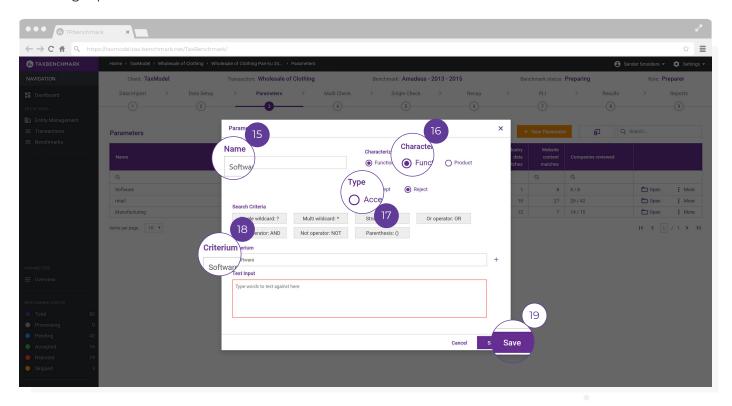
As a third step, the user will create parameters. Clicking on the section "New Parameter¹⁴" will open a pop-up window which contains an overview of the information required for the addition of a new parameter. The pop-up window is explained in the next page.





Step 3: Parameters

The information required for the creation of a new parameter should be fulfilled according to the following inputs:



Name 15: Name of the Parameter. This name will be used in the report.

Characterization¹⁶: The user must choose one of the following characterization options for the parameter. Each parameter can be characterized into one of the three basic categories: Function, Group, and Product.

Type¹⁷: The user must select the type of parameter.

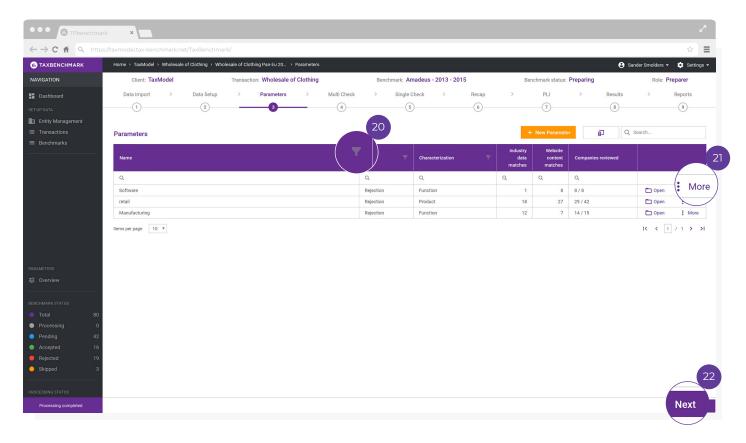
Criterium¹⁸: The Criterium icon specifies the logic used in the search. A user can use logic operators (shown as above the criteria box) to specify what he / she wants to find. For a more detailed explanation of the operators, please refer to the separate document called: "Parameter Cheat Sheet".

Save¹⁹: After adding the information above, the user can click on the "Save" button, and the hits of the parameter will be calculated in the back stage.



Step 3: Parameters

After adding the Parameters, the user will see an overview of all the Parameters created, as well as the total number of companies matched with the Parameters selected.



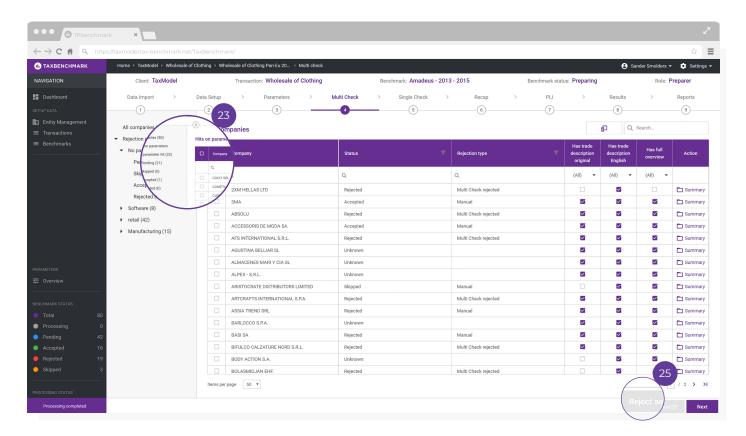
- The user can start manual checking the companies by clicking on each Parameter. The system will redirect the user to "Single Check" page and the companies containing the underlying parameters will be presented in sequence (please refer to "Single Check" in this user guide). Clicking on "Unmatched Companies" will direct the user to "Single Check" page and show in sequence all the companies that fail to match with any of the parameters. Clicking on "All companies" will show all the companies one by one.
- The Parameters can be filtered²⁰, search (type in the search bar), and sorted (click on the column labels) by Name, Type (Accepted and Rejected), Characterization (Function, Group or Product), number of matches, and number of reviewed companies.
- The column "Companies Reviewed" provides an overview of the number of companies analyzed under each Parameter and the total number of matched companies

The Parameters can be edited or deleted by clicking on the icon "More²¹". Clicking on "Next²²" the user will be directed to Step 4: "Multi Check".

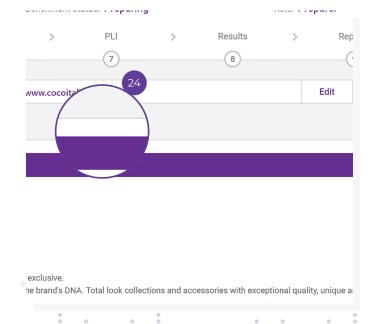


Step 4: Multi check

Based on the parameter matches, sometimes the user wants to reject several companies in one go. In Step 4: Multi check, the user will have an overview of the companies and its number of hits per parameter per data source (i.e. company name, trade description, website, etc.). If the user feels comfortable to reject company based parameter match, the user can multi-select companies from the table and reject them at one time. Please refer to the instruction below.



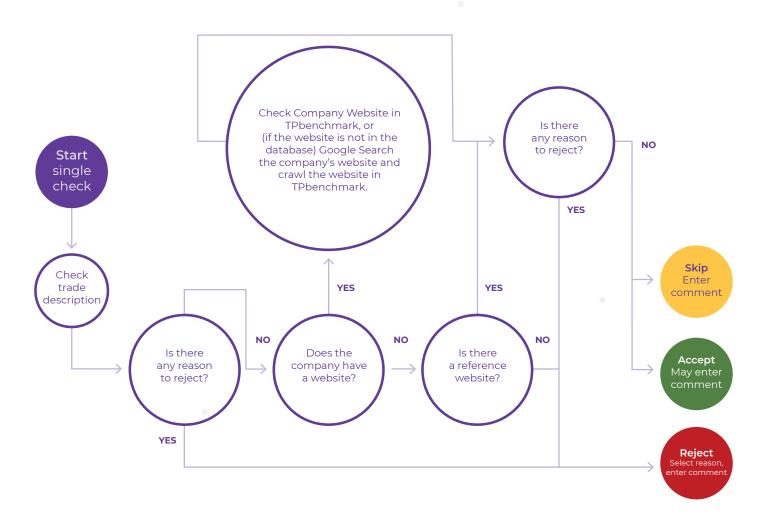
- 1. Select a parameter²³ to be reviewed.
- Select a value²⁴ using the predefined search options to search for companies showing hits on one or more of the columns. Then click on the "..." to add companies to the multi reject list.
- Keep track of the companies added to the multi reject²⁵ and press the button to reject the selected companies





Step 5: Single check - Flow Chart

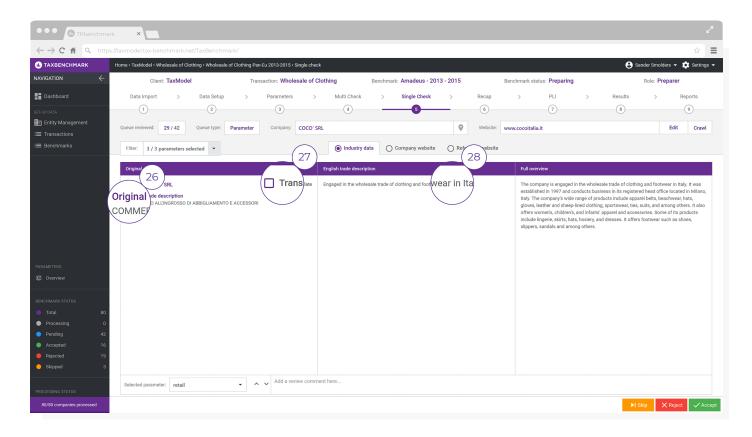
As step 5, the user will analyze each company into detail. The user will accept, reject or skip every company one by one until all companies are processed. The conclusion will be based on three types of information. The user should review the information type by type, from Industry Data, to Company Website, then to Reference Websites. Please refer to the flow chart below. Each of the steps will be explained in detail in the next pages of this User guide.





Step 5: Single check - Industry Data

Industry data is the first data source to be checked by the user. This part of information is from Bureau van Dijk's database. Usually it contains companies' name, address, website, and most of the time, a brief explanation of the company's business, both in original language and English.



- 1. Read the business description in original language 26 . The text can be translated by clicking on the checkbox above "Translate 27 ".
- 2. Read English Trade Description²⁸. The text is provided in TP Catalyst.
- 3. If the user finds a reason to readily reject a company, the user should select a Rejection reason in the drop-down menu, and provide a brief comment explaining why this company is rejected based on trade description.

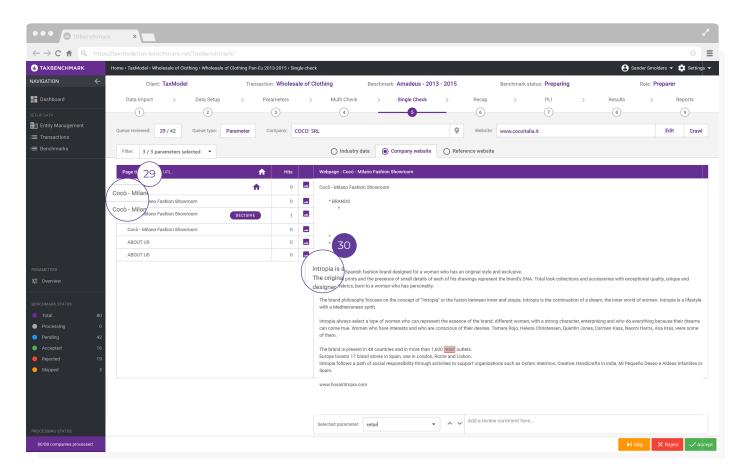
If the user cannot find a reason to reject on Industry Data, the user should click on the Radio button "Company Website".



Step 5: Single check - Company Website General Explanation

If the user cannot make a decision based on the trade description, then he/she must review the company's website. TPbenchmark automatically retrieves content from the company's website (crawling), translates the data into English and then searches on keywords (Parameters) prepared by the user (please refer to section "Parameter" of this User guide). In the following page, the user will be able to read the company's website in detail and also check the screenshots of the website.

With the help of parameters, the user should be able to make decision quickly. In the next pages the User guide will introduce the basic functionality of this page.



This panel²⁹ displays the URL, number of parameter matches, and screenshots of the original Website. Click on the icon to open the screenshot in a new tab.

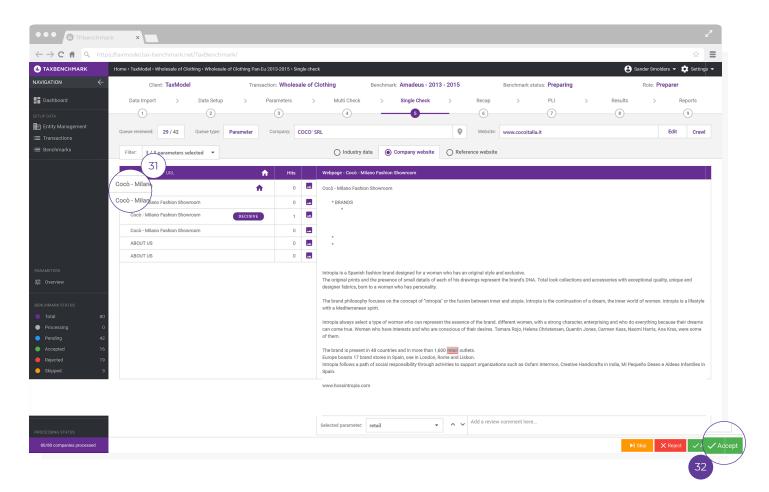
Translated content³⁰ from the companies' website. The matched parameters are highlighted as red/green (reject/accept). The user can use the arrow button next to "Next/Previous hit" to quickly locate the parameter matches.

The steps the user should consider when reviewing company website page will be introduced in the next page of this user guide.



Step 5: Single check - Company Website Steps

- 1. The user can open the drop down menu, select the parameter that he/she wants to highlight in the "Website Text³¹" window.
- 2.To decide whether to accept or reject a company, the user should click through the URLs, check the parameters hits until he/she can reject the company. When the user rejects a company based on a URL, the user should click the Radio button of "Accept³²" to include the page in the audit trail.
- 3. Please refer to section "Single Check Decision to accept, reject, and skip" of this User guide for how to make decision. If the user cannot find any of the company's website, but there are reference websites available on the Internet, the user should click on the radio button "Reference Website". Please refer to the next section of this User guide.

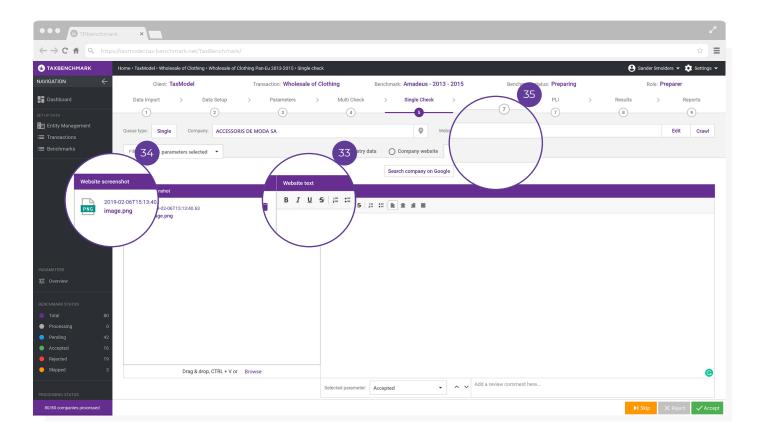




Step 5: Single check - Reference Website

If the company does not have a website in the database, and the user cannot find a company website by google search, the user could try to find if there is any reference website (i.e. yellow page etc.) available that proves the existence of the company. If a reference website is found, the user can base it accept / reject decision on the reference website and upload a screenshot of the reference website to TPbenchmark to complete the audit trail.

If no reference website can be found to prove the existence of the company, the user should reject the company and indicate "lack of information". Please refer to Section "Single Check – Decision to accept, reject, and skip" of this User guide.



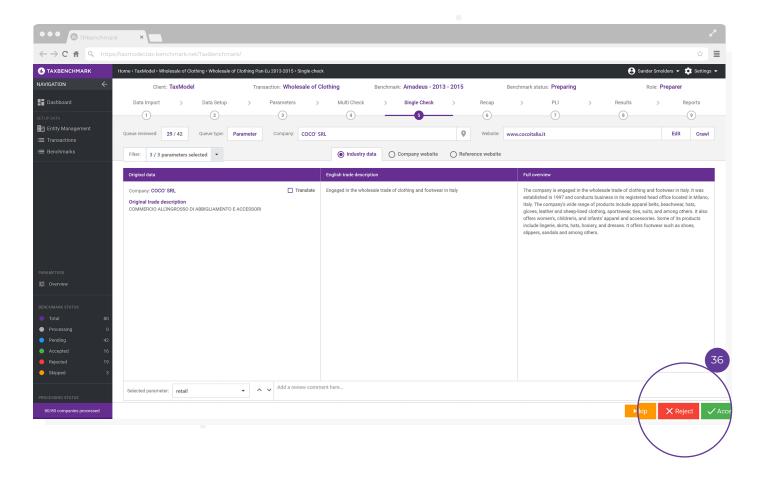
If the decision is made based on reference website, the user should paste the address of the reference website to the text field under (Website Text³³) and upload a screenshot³⁴ as shown above.

For example, this company does not have a website³⁵.



Step 5: Decision to Accept, Reject and Skip

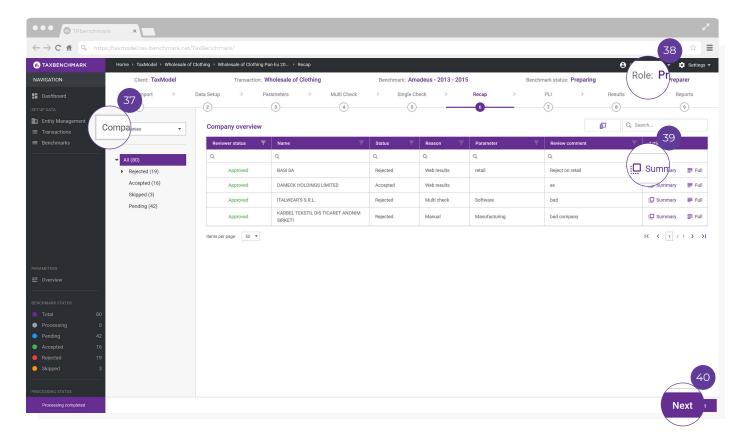
- During the checking, once the user find a reason to reject the company under review, the user should select one of the rejection parameters, add a short comment, and click on button "Reject³⁶".
- In case no rejection reason is found, the user could enter a acceptance reason describing the main activity of the company under review, and click on "Accept³⁶" button.
- In case it is not possible to make a decision at the moment, the user could enter a comment in the "Skip³⁶" field and click on "Skip" in order to revisit the company at later stage.





Step 6: Recap

The Recap step serves as an overview of all the companies. The user can review the status, comments and other useful information in a customized view. This page is especially useful for the reviewers, because a reviewer can create his / her own queue to quickly review all companies. Please be aware that the reviewer can comment on each step, but he / she cannot change the decision made by the preparer.

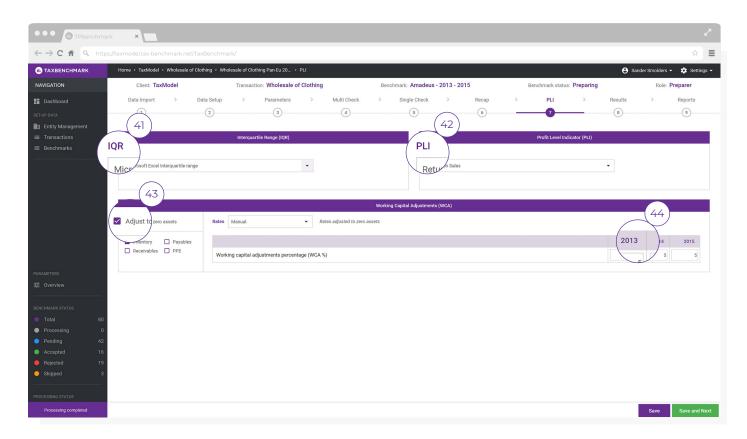


- 1. Choose review³⁷ by company or by parameter. This user is a preparer³⁸. For the companies that have been checked, the user can click on summary³⁹ to quickly review the company in a pop-up window.
- 2.Once all the companies are selected, the user should click on "next⁴⁰" to review the company in detail.



Step 7: PLI

The PLI step is included to validate the Profit Level Indicator ("PLI") selected during the setup of the benchmark, validate the calculation method for calculating the InterQuartile Range ("IQR") and decide on the application of a Working Capital Adjustment ("WCA").



Interquartile Range⁴¹: The IRS Method is for US benchmarks.

Profit Level Indicator⁴²: PLIs standard included:

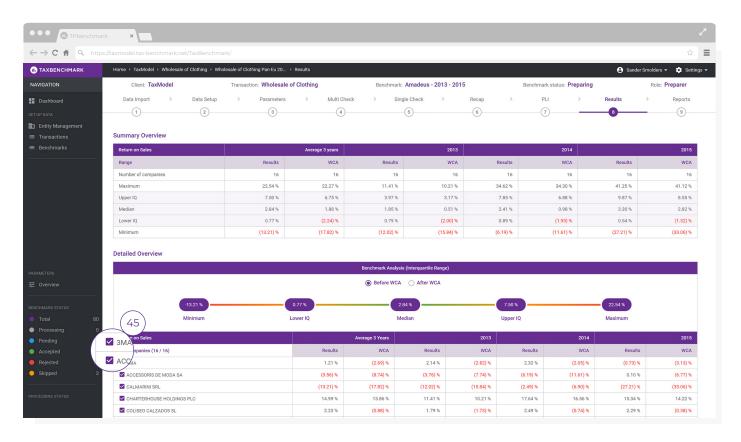
- Return on Sales (Operating Margin)
- Mark-up on Total Costs
- Berry Ratio

Working Capital Adjustments⁴³: The WCA adjusts the assets of the selected asset classes to zero. The interest rates⁴⁴ for applying the WCA have to be manually entered.



Step 8: Result

In the "Result" page, the user will see the calculated margins of the accepted companies, as well as the overall average result of the analysis.



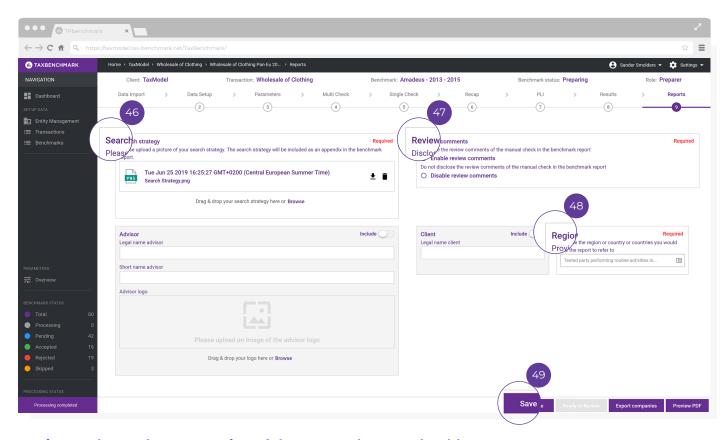
TPbenchmark calculates the PLI from the data uploaded to the system in Step 1: Data import. TPbenchmark uses the same formula as TP Catalyst. For more details please refer to the help file of TP Catalyst.

The ratios of the accepted companies are presented in the Section "Detailed Overview". The user can (de)select companies using the checkbox⁴⁵ to see the impact of including or excluding some companies. Please note that this action does not actually include/exclude any companies. For accepting/rejecting companies, please refer to Section "step 5: Single check" in this manual.



Step 9: Report

TPbenchmark automatically generates benchmark report. A user can export the report in Step 9: Reports.



To view and save the PDF version of the report, the user should:

- 1. Upload a screenshot of the TP catalyst search strategy⁴⁶; this screenshot will be attached to the export report as Appendix A.
- 2. Review comments⁴⁷: This is the reason for rejection wich you supplied.
- 3. Region⁴⁸: This is the region for your benchmark.
- 4. Click on Preview PDF to read the report; in the PDF page the user can save the report to his / her disk. Make sure you clicked 'Save⁴⁹' before clicking on 'preview PDF' to save your work.

More information and support? Please contact TaxModel:

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About TaxModel

TaxModel is your partner in international tax. With our team of professional advisors and developers, we are able to combine advisory services with innovative technology that deals with global tax complexities. In order to achieve Tax Advisory 2.0, we continuously embed in-house tax expertise into software. Each solution we release to the market is developed based on the highest technology standards and aims to make tax workflows transparent and manageable for all companies. Check out TaxModel at tax-model.com/solutions.



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