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## EyeQuestion: Innovate Smarter and Faster

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For two decades EyeQuestion has been at the forefront of innovation. Starting out as the world's first web application for Sensory and Consumer Research, EyeQuestion has grown to help hundreds of leading organisations globally to improve and maintain the quality of their products. Available anywhere, anytime and on any device without installing any software. Ideal as an easy to maintain, global access, secure and corporate-wide solution.

EyeQuestion is unique in its flexibility, customisability and user-friendliness. User experience is the driving force for our continuous improvement. Our software provides flexibility to integrate with other systems and customise its features to meet your requirements – now and in the future.

Supporting both Sensory and Consumer research fields combining methodologies of both of worlds. Gain access to most frequently used sensory methods including Descriptive analysis and Difference tests as well as more advanced methods like Napping® and TDS. For Consumer Research you can reach out to consumers via e-mail for Home Use Tests and create powerful questionnaires using images, videos, interactive questions, branching and piping.

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## Suitable to different Research Approaches

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Sensory Lab	Create various rooms and locations together with our monitoring options ensuring a complete overview of all sensory research projects which are conducted within your organisation as well as the distribution and evaluation of your presented samples per project. Allocate a single or a group of projects to a location or a single booth and customize the order of the test presentation.
Central Location Testing (CLT)	Tests can be set up and used in locations all over the world to globally collect your data. Restrictions can be set up to ensure your supplier only has access to for example certain projects or open your environment to colleagues at the other side of the world.
In-Home Testing (HUT) Consumer Testing	With Home Use Testing, organisations send their products to consumers at home and have them fill out product based evaluations from their home. Our software is 100% cloud based therefore you only need an internet connection and browser to get started. With unique logins for all your users means that personal information is secure but still available for project managers. E-mail your consumer panel a unique test link making sure they are logged in immediately with a possibility to respond anonymously. A portal can be configured so that the consumer can keep a clear schedule of their testing appearances and future appointments.

## General Capabilities > User Interface

Express and Advanced Interface	Create questionnaires in 5 simple steps using the Express interface or experience full edit capabilities of EyeQuestion using the Advanced interface
Ease of use	Build your desired design with our powerful design generator with ease and create complex questionnaires in no time by adding conditions, branching options and piping
Look & Feel	Give your questionnaires a personal touch using the built-in WYSIWYG Rich Text Editor and by adding images, sounds and videos
Preview	With the preview button you can preview the screen of the test, preview with different screen sizes or preview the whole test to check it is set up correctly
No Restriction on Questions	There is no restriction on the number of questions you can show on the screen keeping in mind the design of the screen shown to the panellist
Drag & Drop	With our user-friendly drag and drop optimized interface you can easily copy and paste questions or screens and place these into your questionnaire
Randomize Items	Randomize your question items once per panellist or for every product
Multilingual	Creating and conducting questionnaires can be done in 20+ available languages. Questionnaires can be created in multiple languages allowing the panellist to select in which language it is presented. Custom translations can be added to fully customize your environment
Monitoring	Monitor quota based on set up category values from your questionnaire. Set up one or multiple monitors in your sample preparation room to monitor which panellist or booth is requiring which sample. The monitor can be customized to present necessary information for your sensory lab
Print	Print blinding code labels, your experimental design and questionnaire
Data Export	Export your project data in various formats such as Excel and also more advanced exports like SPSS, SAS, SenPaq, XML, CSV, HTML, JSON and even a ZIP format to exchange projects and data with other EyeQuestion environments
Archiving	Send your projects to Archive to clean up your environment. Archived projects can be analyzed through EyeOpenR or an auto report
Product Database	Easily import products from your Product Database into your design which is the primary place to maintain all your products. Create custom product fields which can be used in reporting
Attribute Database	Easily import attributes from your Attribute Database into your project which is the primary place to maintain your attributes in all available languages
Data Exploration	Collected data can be sent to the Central Database where users are able to filter on sample, assessor, product and time. Filtered data can be exported to Excel or directly loaded into EyeOpenR for a quick analysis or auto report
Analysis & Reporting	EyeOpenR is our advanced analysis and reporting tool within EyeQuestion. In EyeOpenR, the default auto report creates a comprehensive analytical report based on the available data from your project and automatically uses the applicable analyses from EyeOpenR. For more personalized reports you can create custom Excel auto reports allowing users to create comprehensive reports from single or merged project data within a click. Customization of reports allows the addition of products, sessions and panellists specific information as well as organisation logo and other images

## General Capabilities > Security

User Management	Create user restrictions based on user groups for locations, projects and/or media. Assign one of the default profiles (Data analyst, Express, Monitor, Panel Manager, User Manager, Project Manager, Template Manager, Test Designer, Translator) to users. Combine profiles for specific functional access or create custom profiles for advanced users. Ensure access to your environment is fully secure by using the 2FA feature. Adjust the password policy to customize the security level for your environment. Locked users can easily be unlocked by a user with a User manager profile
Single Sign On	Use one of the Single Sign On (SSO) options or combine them with your organisation's security sign in options. We support LDAP and SAML integration
ISO 27001	All data collected with EyeQuestion is stored according to the highest industry standards. Our ISO 27001 Certification is an assurance for formal security audits and the secure handling of all your data

## General Capabilities > Features

Calendar	Scheduled projects are showing in the calendar for users to prepare for upcoming projects
Template Management	Over 20 default templates based on industry standards are available in EyeQuestion. If default templates are not suitable, users are able to create their own personal template library. Existing projects can be turned into a custom template which future projects can use as a starting point. Custom templates can be activated, edited or de-activated with revision management
Shelf-Life Management	Select which products from the Product Database are used for shelf-life testing. Create timepoints which are used to notify the user that the shelf-life product needs to be included for testing
Training Management	EyeQuestion offers the option to create both user and panellist training. Restrict users from using custom templates if they are not trained on it. Create panellist training based on a specific product property and track panellist training using the training and attendance reporting options
Custom Questions	Create custom questions and share these with your colleagues. All custom created questions can be used in all questionnaires
Update panellists profile	Use created categories in questionnaires so panellists can update their personal information through EyeQuestion screeners or projects

## General Capabilities > API

Webservice	EyeQuestion contains several technologies to interact with external systems. It supports a SOAP webservice that can be called from an external server to interact with EyeQuestion. This interaction could be the creation of projects, adding or removing panellists or extraction of data
Speech to Text	Speech to Text converts spoken words/voice to text (using an API from Google). This can be used in any text applicable question type in EyeQuestion

## Experimental Designs

### Design Generator

Our powerful design generator gives the user complete control to create a variety of serving orders. Designs included are:

Balanced	Design that has an equal number of observations for all possible combinations of factor levels (William's balanced square)
Balanced Incomplete	Design that has an equal number of observations but not all treatments can be assigned to each block, set or session
Triangle	Design that contains blocks of three samples which are a combination of two products where two are identical and one is different
Triangle Random	Design that contains blocks of three samples which are a combination of two products where two are identical and one is different. This design does not have to have an equal number of observations for all possible combinations of factor levels
Tetrad	Design that contains two products and the replicate of each product that are presented at the same time.
Tetrad Random	Design that contains two products and the replicate of each product that are presented at the same time. This design does not have to have an equal number of observations for all possible combinations of factor levels
Duo Trio	Design that contains a reference product, an additional identical reference product and a second product that is different from the reference. The reference product differs between the sets
Duo Trio Constant Reference	Design that contains a reference product, an additional identical reference product and a second product that is different from the reference. The reference product is always the same product
A-Not A/DFC	Design that does not contain a reference product but only contains the products to be tested
Paired Comparison	Design that contains products that are paired together and always presented together in pairs. A product is always paired with the same product
Paired Comparison Full	Design that contains products that are paired together and always presented together in pairs. All possible combination of pairs is included in the design
Balanced Blocks	Design that has a balanced design within each block
Balanced Blocks Random	Design that has a balanced design within each block. This design does not have to have an equal number of observations for all possible combinations of factor levels
Random	Design that does not have to have an equal number of observations for all possible combinations of factor levels
3-AFC	Design that contains two products and a reference product. The reference product is always the same product
Fixed	Design that will present the number of specified samples in a fixed order using a monadic presentation

## Experimental Designs

### Other features

Blinding Codes	Three-digit blinding codes are automatically generated through the design generator with a possibility to configure this process of generation to fully match your internal requirements. Manually edit or automatically re-code blinding codes. Each blinding code has its own unique color scheme which can be customized per product and this colouring can be used in reports and graphs
Warm-Up Sample	Warm-up samples can be added to your design. These are samples are presented to the panellist but results will not be recorded
Sessions	It is possible to run you test in multiple sessions. That way you can spread your test over multiple days while making sure the correct design is followed
Import Design	Importing an Excel file will allow users to create any design that is required using an easy-to-understand format
Custom Design Library	Previously used custom designs can be re-used using the Custom Design Library
Runtime Options	Set up your desired level of validation using the runtime options by having panellist enter the set or product code before continuing to evaluate the samples. Sets can be linked to a booth or panellists to ensure the correct set is presented
Statistics	Generated design can be checked on distribution and first order effect to make sure your generated or custom design is fully balanced

## Panel Management

Recruitment	Recruit panellists using an online questionnaire that is fully customized to your organisation's look and feel. Fully customize your questionnaire using custom categories to store any type of user data
Scheduling	<ul style="list-style-type: none"> <li>• Create timeslots for panellists to self-schedule for upcoming projects</li> <li>• Set up reserve lists in case of cancellations</li> <li>• Set up schedule quotas based on available timeslots</li> <li>• Easy invitation and reminder emails to panellists</li> <li>• Use panels to quickly invite the correct panellists</li> <li>• Work with different time zones to ensure availability of tests</li> </ul>
Database	Panellist results are directly stored in your panellist database in EyeQuestion
Panels	Create static or dynamic panels based on user specific fields or collected category data
Rewards	Create rewards based on user participation with reward management in order to reward returning participants
Portal	Fully customize your portal based on your organisation's branding needs. This responsive portal for panellists is where they can update their personal information or view upcoming projects
Panellist History	Be able to keep track of the panellist history and export this to Excel
GDPR	To comply to General Data Protection Regulation (GDPR), options to add a consent form, flat questions to contain PII information and option for panellist's to unsubscribe

## Testing Capabilities > Basic

Discrimination Methods/ Quality Control	<ul style="list-style-type: none"> <li>• 2 AFC</li> <li>• 3AFC</li> <li>• A/Not A</li> <li>• Difference from Control</li> <li>• Double Faced Applicability</li> <li>• Duo-Trio Balanced Reference</li> <li>• Duo-Trio Constant Reference</li> <li>• Pairwise Comparison</li> <li>• Pairwise Comparison with Equal</li> <li>• Simple Difference</li> <li>• Tetrad</li> </ul>	<ul style="list-style-type: none"> <li>• Triangle</li> <li>• 2 Out of 5</li> <li>• Fully/Semi Quantitative Descriptive Specifications</li> <li>• In/Just In/Out</li> <li>• Magnitude Estimation</li> <li>• Quality Control free product entry</li> <li>• Quality Scoring/Rating/Grading</li> <li>• Ranking</li> <li>• Shelf Life</li> </ul>
Profiling	<ul style="list-style-type: none"> <li>• Standard Profiling</li> <li>• Multi Design Profiling</li> <li>• Dynamic Design Profiling</li> </ul>	
Panel training	<ul style="list-style-type: none"> <li>• Basic Tastes</li> <li>• Direct Feedback</li> <li>• Threshold</li> </ul>	
Consumer	<ul style="list-style-type: none"> <li>• Screener</li> <li>• Registration</li> <li>• Demographic,</li> <li>• Non-Sample related</li> </ul>	

## Testing Capabilities > Advanced

Implicit Methods	<ul style="list-style-type: none"> <li>• Implicit Association Test</li> </ul>
Rapid Methods	<ul style="list-style-type: none"> <li>• Flash Profiling</li> <li>• Free Choice Profiling</li> <li>• Rapid Consensus Profiling</li> <li>• Napping/Structured Napping.</li> </ul>
Temporal Methods	<ul style="list-style-type: none"> <li>• Temporal Check All That Apply</li> <li>• Temporal Dominance of Sensations</li> <li>• Temporal Order of Sensations</li> <li>• Time Intensity</li> </ul>

## Question types > Basic Questions

### General

General Instruction	Display a text to instruct or inform the panellist
Category/Hedonic	Question type where the panellist can select only one answer from a list of options (one choice)
Pick Any/ All That Apply	Question type where the panellist can select more than one answer from a list of options (multiple choice)
Combo Box	Question type where the panellist can select one or more than one answer from a drop-down list (one choice/multiple choice)
Date and/or Time	Question type where panellists enter a date and/or time
Number	Question type that allows panellist only to enter a number according to a certain format
Text	Question type where panellists can enter a text or password
Remark/Comment	Question type that presents a field with more than one row to allow panellists to enter comments/remarks
Password	Question type which asks panellists to enter a password before he can continue to the next screen

### Sensory

Different	Question type where panellists need to select the sample that they think is different
Similar or Different	Question type where panellists need to answer whether the samples they received are the same or different by selecting one of the samples
Different or Similar	Question type where panellists need to answer whether the samples they received are the same or different by selecting a different or similar option
Forced Comparison	Question type where panellists are forced to answer which sample they prefer
Comparison with Equal	Question type where panellists need to answer which sample they prefer with the addition of an equal sample
Tetrad	Question type where panellists need to place samples in a certain bin using a drag and drop mechanism
Line Scale Standard/ Line Scale Color	Question type that enables panellists to mark a position on a configurable line scale
Line Scale Segmented	Question type that enables panellists to mark a position on a configurable line scale which can be divided into segments
Labeled Magnitude Scale	Question type where panellists need to judge attributes on a logarithmic scale
Ranking on a Line	Question type where panellists need to place items on a line in a free sequence
RATA 3-point Intensity	A variant of the Rate All That Apply question type with a 3-point intensity scale
RATA 5-point Applicability	A variant of the Rate All That Apply question type with a 5-point applicability scale
RATA with REF	A variant of the Rate All That Apply question type to compare the products with a reference product
Wheel Category/ Line Scale	Question type where panellists have the possibility to select their attributes in an interactive palette and score them on a point scale

## Question Types > Basic Questions

### Sensory

Tree Category/ Line Scale	Question type where panellists have the possibility to select their attributes in an interactive palette and score them on a line or category scale
Feedback	Question type where panellists will receive feedback at the end of a test based on pre-defined EyeOpenR analyses
Feedback on a Scale	Question type where panellists will receive feedback on a scale at the end of a test based on pre-defined EyeOpenR analyses

### Consumer

Just About Right (JAR)	Question type that can be used to measure the appropriateness of the level of a specific attribute
Matrix	Question type where multiple questions and attributes can be displayed in one screen (one-choice / multiple-choice)
Maxdiff/ Best-Worst Scale	Question type used to determine the best and the worst statement of a product
Free Sorting	Question type where attributes must be sorted in one or more groups
Simple Ranking	Question type that allows panellists to place given items in a certain order using a simple numerical ranking
Ranking	Question type that allows panellists to place given items in a certain order using a drag and drop mechanism
Binning	Question type that allows panellists to place given items in a certain bin using a drag and drop mechanism
Upload Image	Question type where panellists need to upload an image
Image Selection	Question type where panellists need to freely select and name one or multiple image regions
Image Slider	Question type where panellists need to rate an image using a slider
Clickable Image	Question type where panellists need to mark certain (user defined) areas of an image
Time Measure	Question type that is used to by project manager to measure response time of panellists
Time Block	Question type where an image of a product is displayed for a certain amount of time
Graphic Slider	Question type that allows users to add images to a line scale
Predefined Questions	A collection of predefined questions that can be used in questionnaires (demographic, excellent, image scales, JAR, Liking and purchase)

### Programming

Calculation	Question type where panellists need to rate multiple products based on a pre-set total score
Subproject	Question type used to redirect panellists to a subproject from the mother project
Formula	Question type where a formula can be added to link previously given answers using a script



## Question Types > Advanced Questions

Basic Time Intensity	Question type used to measure an attribute during a certain time
Time Intensity with Pinching	Question type to measure an attribute during a certain time using a pinching mechanism on a touch screen
Sample IAT	Question type where panellists need to pick one of two samples using their keyboard in a pre-specified timeframe
Napping	Question type where panellists need to place items according to their perceived attributes on a default or custom napkin/tablecloth
Structured Napping	Question type where panellists need to place items according to their perceived attributes on a default or custom structured grid
Temporal Dominance Sensation (TDS)	Question type used to determine which sensory attribute is dominant at a certain time
Temporal Order or Sensation (TOS)	Question type used to determine the order of the sensory attribute perceived by the panellists
Temporal Click All That Apply (TCATA)	Question type used to determine which sensory attributes are present at a certain time
Dynamic List	Question type that is used for panellist to dynamically add attributes that will be used to evaluate the sample
Immersive Questions	Questions that are used for Virtual Reality, Augmented Reality projects as well as integration with Hue and Olorama
Text to Speech	Question type that allows text to be spoken to panellists in a questionnaire

## Analyses

Save time by analyzing your data with EyeOpenR, our unique and easy to use analysis wizard in EyeQuestion. Analysis are based on the popular statistical language “R” and created, validated and supported by [Qi Statistics](#). EyeOpenR offers dynamic online charts which can be exported to Excel for editing. Data filters on Assessor, Data Type, Session, Sample prior to analysis for data quality check. Data can be imported and run custom auto reports.

### Analyses > Basic Analyses

#### Data Representation

Data Transformer	Method containing templates to allow you to manipulate your data without statistical treatment
Remarks Representation	Method to display remark and comment data
Crosstab Tables	A crosstabulation (or crosstab) is a table displaying survey results
Text Mining	Method that can be used to analyse specific keywords from text question types

#### Sensory/Consumer

ANOVA With Multiple Comparison Tests	<ul style="list-style-type: none"> <li>• Option to include Assessor, Type of Assessor, Session and Replica Effect</li> <li>• Option to include Interaction</li> <li>• Option to treat session or replicates separately</li> <li>• Adjusted or Arithmetic type of mean</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> <li>• Multiple comparison tests:               <ul style="list-style-type: none"> <li>○ Tukey’s HSD</li> <li>○ Fisher’s LSD</li> <li>○ Newman-Keuls (SNK)</li> <li>○ Duncan</li> <li>○ Sheffe</li> <li>○ Bonferonni</li> <li>○ Dunnet</li> </ul> </li> <li>• Significance Levels: 1%, 5%, 10%</li> <li>• Level of significance (pairwise): 0.1%-1%-5%, 1%-5%-10%, 5%-10%-20%, 1%, 5%, 10%</li> <li>• PostHoc Results:               <ul style="list-style-type: none"> <li>○ Pairwise</li> <li>○ Group</li> </ul> </li> </ul>
Bar Chart of Means	<ul style="list-style-type: none"> <li>• Option to include assessor, session and replica effect</li> <li>• Option to include 2-way interaction</li> <li>• Option to use session or replicates</li> <li>• Option to treat session or replicates separately</li> <li>• Option to adjust number of decimals for values</li> <li>• Adjusted or Arithmetic type of mean</li> </ul>
Chi-squared Test	<ul style="list-style-type: none"> <li>• Option to adjust the number of decimals for values</li> <li>• Option to adjust the number of decimals for P-values</li> </ul>
Difference from Ideal	<ul style="list-style-type: none"> <li>• Adjusted or Arithmetic type of mean</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust significance level</li> <li>• Comparison:               <ul style="list-style-type: none"> <li>○ Ideal-Intensity</li> <li>○ Intensity-Ideal</li> </ul> </li> </ul>

## Analyses > Basic Analyses

### Sensory/Consumer

- Descriptive Statistics
- Option to split results on:
    - None
    - Judge
    - Attribute
    - Product
    - Session
    - Replica
    - Sequence
  - Option to show:
    - Min/Max
    - Median
    - Standard Deviation
    - Standard Error of Means
    - Variance
  - Option to adjust number of decimals for values
  - Adjusted or Arithmetic type of mean

- Frequency Tables  
Categorical Data
- Option to treat sessions/replicas separately
  - Chose Scale Type Used:
    - Automatic
    - 1-5
    - 1-7
    - 1-9
  - Option to show: Frequencies by product, Percentages, Total
  - Option to sort results from high to low
  - Adjusted or Arithmetic type of mean
  - Top box options: No, 1, 2, 3
  - Bottom box options: No, 1, 2, 3
  - Option to show middlebox
  - Option to have significance test
  - Option to adjust number of decimals for values
  - Display of Multiple Comparison test results:
    - Pairwise
    - Group

- Frequency Tables  
Continuous Data
- Option to treat sessions/replicas separately
  - Option to show: Frequencies by product, Percentages, Total
  - Option to sort results from high to low
  - Adjusted or Arithmetic type of mean
  - Definition of Frequency Classes:
    - Equal in Size
    - Equal in Steps
  - Option to adjust number of decimals for values
  - Option to adjust number of classes

- Line Chart of Means
- Option to split results on:
    - None
    - Judge
    - Attribute
    - Product
    - Session
  - Option to treat sessions/replicas separately
  - Adjusted or Arithmetic type of mean
  - Option to adjust number of decimals for values
  - Option to include Assessor, Session and Replica Effect
  - Option to include Interaction

- Table of Means
- Option to split results on:
    - None
    - Judge
    - Attribute
    - Product
    - Session
  - Option to treat sessions/replicas separately
  - Adjusted or Arithmetic type of mean
  - Option to adjust number of decimals for values
  - Option to include Assessor, Session and Replica Effect
  - Option to include Interaction

## Analyses > Basic Analyses

### Sensory/Consumer

- T-Test
- Option to compare between products or attributes
  - Option to have a paired or unpaired T-Test
  - Option to assume equal variances
  - Significance Levels: 1%, 5%, 10%
  - Option to adjust number of decimals for values
  - Option to adjust number of decimals for P-values

- Cochran and McNemar test (CATA):
- Option to treat sessions/replicas separately
  - Significance Levels: 1%, 5%, 10%
  - Level of significance (pairwise): 0.1%-1%-5%, 1%-5%-10%, 5%-10%-20%, 1%, 5%, 10%.
  - PostHoc Results:
    - Pairwise
    - Group
  - Option to adjust the number of decimals for values
  - Option to adjust the number of decimals for P-values

- Comparison of Values
- Option to adjust number of decimals for values

- Correlations
- Data to analyse:
    - Run on summarized data (means)
    - Run on raw data
  - Option to include significance
  - Option to adjust number of decimals for values
  - Option to adjust number of decimals for P-values

- Multiple Factor Analysis (MFA)
- Data to analyse:
    - Compute table of means
    - Run on imported data
  - Adjusted or Arithmetic type of mean
  - Option to adjust number of decimals for values

- Principal Component Analysis (PCA)
- Option to treat sessions/replicas separately
  - Dimensions:
    - PC1. vs PC2.
    - PC1. vs PC3.
    - PC2. vs PC3.
  - Option to include ellipses
  - Type of PCA:
    - Correlation
    - Covariance
  - Data to analyse:
    - Compute table of means
    - Run on imported data
  - Adjusted or Arithmetic type of mean
  - Adjusted Means model:
    - One way
    - Two way
    - Three way
  - Option to turn on clustering
  - Option to manually or automatically define clusters
  - Option to define number of clusters
  - Option to adjust number of decimals for values
  - Option to adjust number of decimals for P-values

- Product Characterization
- Option to set significance level to 5%, 10% or 20%
  - Option to adjust number of decimals for values
  - Option to adjust number of decimals for P-values

## Analyses > Basic Analyses

### Sensory/Consumer

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| Canonical Variate Analysis (CVA) | <ul style="list-style-type: none"> <li>• Dimensions:               <ul style="list-style-type: none"> <li>○ Dim1. vs Dim2.</li> <li>○ Dim1. vs Dim3.</li> <li>○ Dim2. vs Dim3.</li> </ul> </li> <li>• Option to use Confident ellipses</li> <li>• Option to set confidence level to 90% or 95%</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul> |
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| Spider Plot of Means | <ul style="list-style-type: none"> <li>• Option to include assessor, session and replica effect</li> <li>• Option to use session or replicates</li> <li>• Option to adjust number of decimals for values</li> <li>• Adjusted or Arithmetic type of mean</li> </ul> |
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| Simple Regression (Metadata) | <ul style="list-style-type: none"> <li>• Option to select Y</li> <li>• Option to select X</li> <li>• Option to use mean</li> <li>• Option to use adjusted mean</li> <li>• Option to show Quadratic effect</li> </ul> |
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| Methologies | <ul style="list-style-type: none"> <li>• Flash Profiling</li> <li>• Free Sorting</li> <li>• Napping</li> <li>• Preference Mapping</li> <li>• Temporal Methods</li> </ul> |
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| Consumer | <ul style="list-style-type: none"> <li>• Penalty Analysis for JAR and CATA Data</li> </ul> |
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| Panellist Analysis | <ul style="list-style-type: none"> <li>• Panellist Performance</li> </ul> |
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| Sensory Profiling | <ul style="list-style-type: none"> <li>• Correspondence Analysis</li> </ul> |
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### Discrimination Tests

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|------|---|
| 2AFC | <ul style="list-style-type: none"> <li>• Option to treat sessions/replicas separately</li> <li>• Type of test:               <ul style="list-style-type: none"> <li>○ Different</li> <li>○ Similarity</li> </ul> </li> <li>• Option to set up Proportion of Discriminator threshold</li> <li>• Option to set up value for d-prime</li> <li>• Option to set up confidence level</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul> |
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| 3AFC | <ul style="list-style-type: none"> <li>• Option to select if p-value is below significance level</li> <li>• Option to treat sessions/replicas separately</li> <li>• Type of test:               <ul style="list-style-type: none"> <li>• Different</li> <li>• Similarity</li> </ul> </li> <li>• Option to set up Proportion of Discriminator threshold</li> <li>• Option to set up value for d-prime</li> <li>• Option to set up confidence level</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul> |
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## Analyses > Basic Analyses

### Discrimination Tests

A/Not A	<ul style="list-style-type: none"> <li>• Option to treat sessions/replicas separately</li> <li>• Option to choose reference product</li> <li>• Option to have correction</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>
Different from Control Test	<ul style="list-style-type: none"> <li>• Option to treat sessions/replicas separately</li> <li>• Option to choose reference product</li> <li>• Option to set up product value</li> <li>• Option to set up threshold</li> <li>• ANOVA:               <ul style="list-style-type: none"> <li>◦ One Way</li> <li>◦ Two Way</li> </ul> </li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>
Duo Trio Test	<ul style="list-style-type: none"> <li>• Option to select if p-value is below significance level</li> <li>• Option to treat sessions/replicas separately</li> <li>• Type of test:               <ul style="list-style-type: none"> <li>◦ Different</li> <li>◦ Similarity</li> </ul> </li> <li>• Option to set up Proportion of Discriminator threshold</li> <li>• Option to set up value for d-prime</li> <li>• Option to set up confidence level</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>
Paired Comparison	<ul style="list-style-type: none"> <li>• Option to delete or split No choice</li> <li>• Type of Test:               <ul style="list-style-type: none"> <li>◦ 1-tailed</li> <li>◦ 2-tailed</li> </ul> </li> <li>• Option to set up threshold</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>
Tetrad Test	<ul style="list-style-type: none"> <li>• Option to select if p-value is below significance level</li> <li>• Option to treat sessions/replicas separately</li> <li>• Type of test:               <ul style="list-style-type: none"> <li>◦ Different</li> <li>◦ Similarity</li> </ul> </li> <li>• Option to set up Proportion of Discriminator threshold</li> <li>• Option to set up value for d-prime</li> <li>• Option to set up confidence level</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>
Triangle Test	<ul style="list-style-type: none"> <li>• Option to select if p-value is below significance level</li> <li>• Option to treat sessions/replicas separately</li> <li>• Type of test:               <ul style="list-style-type: none"> <li>◦ Different</li> <li>◦ Similarity</li> </ul> </li> <li>• Option to set up Proportion of Discriminator threshold</li> <li>• Option to set up value for d-prime</li> <li>• Option to set up confidence level</li> <li>• Option to adjust number of decimals for values</li> <li>• Option to adjust number of decimals for P-values</li> </ul>

## Analyses > Basic Analyses

### Panellist Analyses

Panellist Feedback	<ul style="list-style-type: none"> <li>Option to select Adjusted or Arithmetic type of mean</li> <li>Option to adjust Y-axis scale values</li> </ul>
Panellist Outliers	<ul style="list-style-type: none"> <li>Option to select Adjusted or Arithmetic type of mean</li> <li>Option to adjust Y-axis scale values</li> <li>Option to set the number of standard deviation</li> </ul>
Panellist Strip Plot	<ul style="list-style-type: none"> <li>Option to select Adjusted or Arithmetic type of mean</li> <li>Option to adjust Y-axis scale values</li> </ul>
Panellist Performance	<ul style="list-style-type: none"> <li>Option to select type of performance: reproducibility or repeatability</li> <li>Option to adjust number of decimals for values</li> <li>Option to adjust number of decimals for P-values</li> </ul>
pMSE Plot	<ul style="list-style-type: none"> <li>Option to adjust number of decimals for values</li> </ul>

### Ranking

Ranking	<ul style="list-style-type: none"> <li>Session / Replicates: <ul style="list-style-type: none"> <li>None</li> <li>Product</li> <li>Assessor</li> </ul> </li> <li>Level of significance: 0.01, 0.05, 0.1</li> <li>Option to invert ranks</li> <li>Option to adjust number of decimals for values</li> <li>Option to adjust number of decimals for P-values</li> </ul>
Ranking (continuous data)	<ul style="list-style-type: none"> <li>Level of significance: 0.01, 0.05, 0.1</li> <li>Option to invert ranks</li> <li>Option to adjust number of decimals for values</li> <li>Option to adjust number of decimals for P-values</li> </ul>
R-Index	<ul style="list-style-type: none"> <li>Level of significance: 0,1%, 0,5%, 1% / 1%, 5%, 10% / 5%, 10%, 20%</li> <li>Option to adjust number of decimals for values</li> <li>Option to adjust number of decimals for P-values</li> </ul>

## Analyses > Advanced Analyses

### Panellist Analysis

- |           |   |
|-----------|---|
| MAM Model | <ul style="list-style-type: none"> <li>Significant Threshold panel: 5%, 10%, 20%</li> <li>Significant Threshold panellist: 5%, 10%, 20%</li> <li>MAMCAP table output</li> <li>Option to adjust number of decimals for values</li> <li>Option to adjust number of decimals for P-values</li> </ul> |
|-----------|---|

### Rapid Methods

- |                  |   |
|------------------|---|
| Flash Profiling  | <ul style="list-style-type: none"> <li>Option to select Standardized or Unstandardized Individual PCA</li> <li>Option to adjust number of decimals for values</li> </ul>  |
| Napping Analysis | <ul style="list-style-type: none"> <li>Option to select CA or PCA as analysis for words</li> <li>Option to select number of words to filter on</li> <li>Option to adjust number of decimals for values</li> </ul> |

### Preference Mapping

- |          |   |
|----------|---|
| External | <ul style="list-style-type: none"> <li>Option to select sensory attributes</li> <li>Option to set pre-transformation to None or PCA</li> <li>Option to select Correlation or Covariance type of PCA</li> <li>Option to set up threshold value</li> <li>Option to select regression model (vectorial, elliptic or quadratic)</li> <li>Option to adjust resolution</li> <li>Option to adjust number of decimals for values</li> </ul> |
| Internal | <ul style="list-style-type: none"> <li>Option to select sensory attributes or use none</li> <li>Option to select Correlation or Covariance type of PCA</li> <li>Option to adjust number of decimals for values</li> </ul>   |

### Temporal Methods

- |                   |  |
|-------------------|--|
| Dominance Curves: | <ul style="list-style-type: none"> <li>Option to set smoothing to none/extra low/low/medium/high</li> <li>Option to set significance threshold to 1%, 5%, 10%,20%, 30%</li> <li>Option to set level filter to 1%, 5%, 10%,20%, 30%</li> <li>Option to enable/disable scale by judge</li> <li>Option to enable/disable pair comparison of curves</li> <li>Option to adjust number of decimals for values</li> </ul> |
| Band Plot         | <ul style="list-style-type: none"> <li>Option to set smoothing to none/extra low/low/medium/high</li> <li>Option to set level filter to 1%, 5%, 10%,20%, 30%</li> <li>Option to enable/disable scale by judge</li> <li>Option to adjust number of decimals for values</li> </ul>   |