

SEMA3 Exported Data Example

VARIABLE LABELS:

PARTICIPANT_ID	Participant 9-digit SEMA3 ID
PARTICIPANT_TZ	Time zone in which the survey was completed
STUDY_ID	Study/program's ID
STUDY_NAME	Name of the overall study
STUDY_VERSION	Version of the study/program (a new version is created when the program is unlocked for editing and then re-published)
SURVEY_ID	The ID related to the survey the participant is enrolled to complete
SURVEY_NAME	Name of the specific survey the participant was assigned to or completed
TRIGGER	How the survey is triggered (e.g., scheduled, or participant triggered/ad-hoc)
RAND_PROB	Beta Feature - Randomisation probability value ranging from 0 to 1.
START_END	The response was within the participants specific start and end dates.
EXPORT_TZ	Exported time zone for this survey
CREATED_TS	Time stamp from when the survey was 'created' within the app
SCHEDULED_TS	Time stamp from when the survey was scheduled (e.g., when participant received the notification)
STARTED_TS	Time stamp from when participant started the survey
COMPLETED_TS	Time stamp from when participant completed the survey
EXPIRED_TS	Time stamp from when the survey expired (note: this variable will only show data if the survey was not completed)
UPLOADED_TS	Time stamp from when the survey was uploaded to the SEMA server
TOTAL_REACTION_TIME	Time, in milliseconds, it took for the participant to complete the entire survey

QUESTION TYPES AND FORMAT:

All other variables in the SEMA3 exported data are the survey item variables and their subsequent reaction times (in milliseconds). The labels of these variables were created when designing the survey (NOTE: all variable labels must be unique). Each question type in SEMA3 has a different output format in the data – see below:

<i>CHOICE</i> questions (with <i>SINGLE</i> response)	Displayed as a single column in the data file representing a categorical variable (e.g., choice 1, 2, or 3 – see variable “SINGLE_CHOICE” in example file).
<i>CHOICE</i> questions (with <i>MULTIPLE</i> responses)	Displayed as multiple columns in the data file representing a dummy coded column per choice (e.g., coded as 0 and 1 for each chosen option – see variable “MULTIPLE_CHOICE-1” in example file).
<i>CHOICE</i> questions (with <i>NO</i> responses)/Instruction Question	Displayed as a single column in the data file representing a variable with no data, as this is a “instructions only” type of question (e.g., column will show no data – see variable “INSTRUCT” in example file).
<i>SLIDER</i> questions	Displayed as a single column in the data file representing a continuous variable (e.g., from min – max values – see variable “SLIDER” in example file).

<i>XY/GRID</i> questions	Displayed as two columns in the data file representing a continuous value for the X-axis, and a continuous value for the Y-axis (e.g., X column = 20, Y column = 52 – see variables “GRID-X” and “GRID-Y” in the example file).
<i>TEXT</i> questions	Displayed as a single column in the data file representing a string/text variable (e.g., variable will contain text responses – see variable “TEXT” in the example file).
<i>CHOICE-SLIDER</i> questions (with <i>SINGLE</i> response)	Displayed as two columns in the data file representing a categorical variable (choice) and a continuous variable (slider) (e.g., select one choice and adjust the slider for that choice – see variable “SINGLE_CS” for the choice and “SINGLE_CS-VALUE” for the slider in the example file).
<i>CHOICE-SLIDER</i> questions (with <i>MULTIPLE</i> responses)	Displayed as multiple columns in the data file representing dummy coded (choice) variables for multiple choices, and a continuous variable (slider) per choice (e.g., select one OR MORE choices and adjust the slider for those choices – see variables labelled with “MULTIPLE_CS” and “MULTIPLE_CS-VALUE” in the example file).

MISSING DATA:

There are two types of missing data shown in SEMA3 data files. Both types can be customised (e.g., labelling them “-999” and “-888”) prior to exporting data. If these variables are left on default, they will appear as “<no-response>” and “<not-shown>”. See below:

<i>NO-RESPONSE</i> missing data	This type of missing data represents any data that was missed due to the survey expiring or being missed, completely or partially. As a default, this will be shown in the data file as “<no-response>”, however this can be customised (e.g., “-999”) prior to exporting.
<i>NOT-SHOWN</i> missing data	This type of missing data represents any data that was not shown to participants due to the design of the surveys (e.g., if the participant responds to questions in a way that doesn’t result in conditional branching, they are therefore <i>not shown</i> the conditional branching questions, and these are coded as missing). As a default, this will be shown in the data file as “<not-shown>”, however this can be customised (e.g., “-888”) prior to exporting.