

AutoResp™ 3 – Analysis – Chart settings

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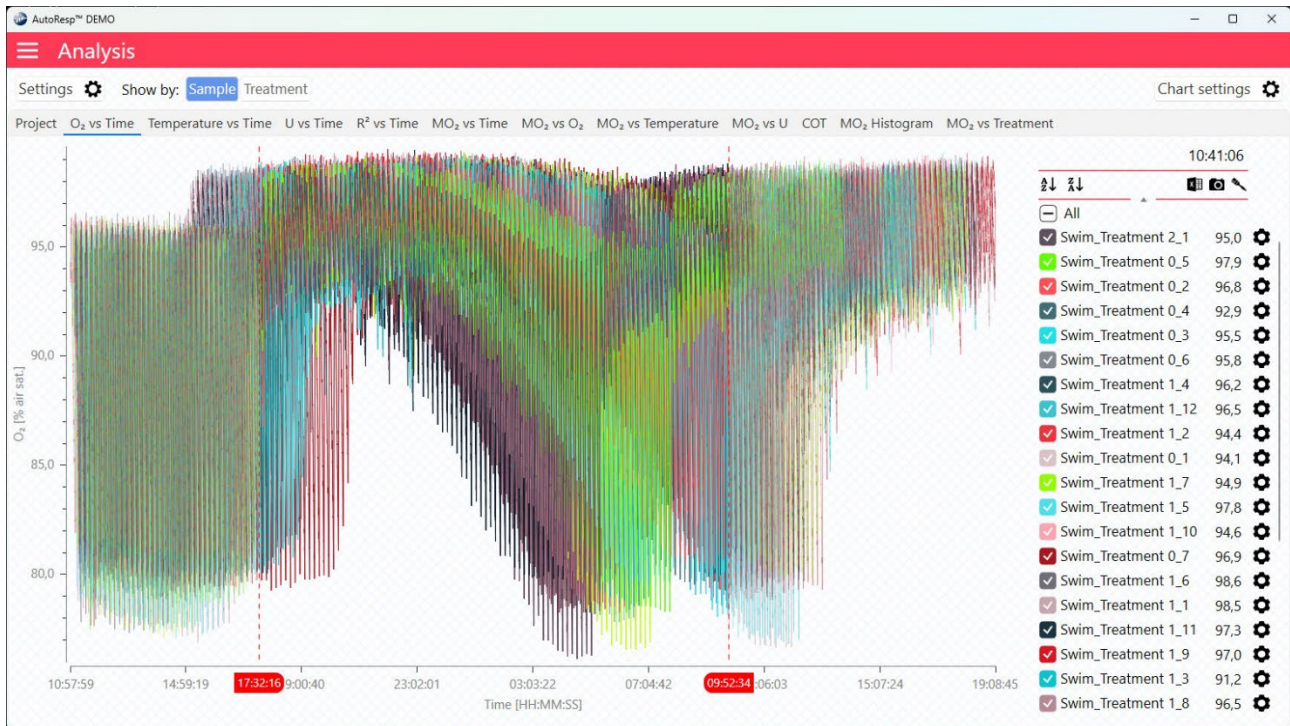
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General

Applies to multiple graphs.

Show excluded data

Show/Hide the data displayed outside the global (or individual) date time handlers (red dotted lines). Is visible when one and multiple channels are selected.

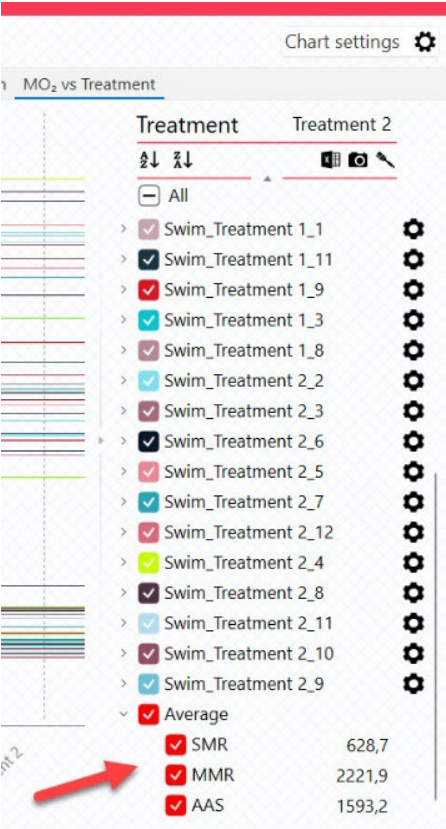


Show average

Show/Hide the average of the following calculated parameters:

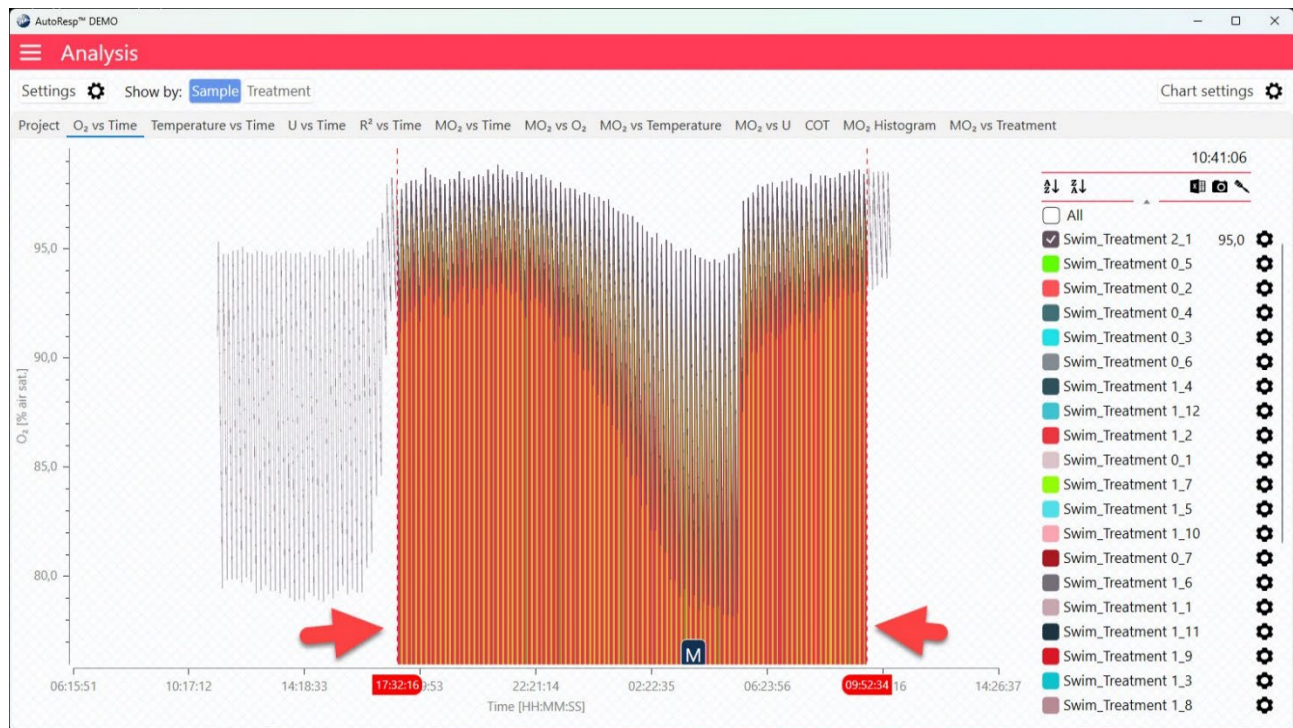
$SMR + MMR + AAS + U_{crit} + U_{opt} + COT_{opt}$

These parameters can also be shown/hidden using the legend menu, when available:

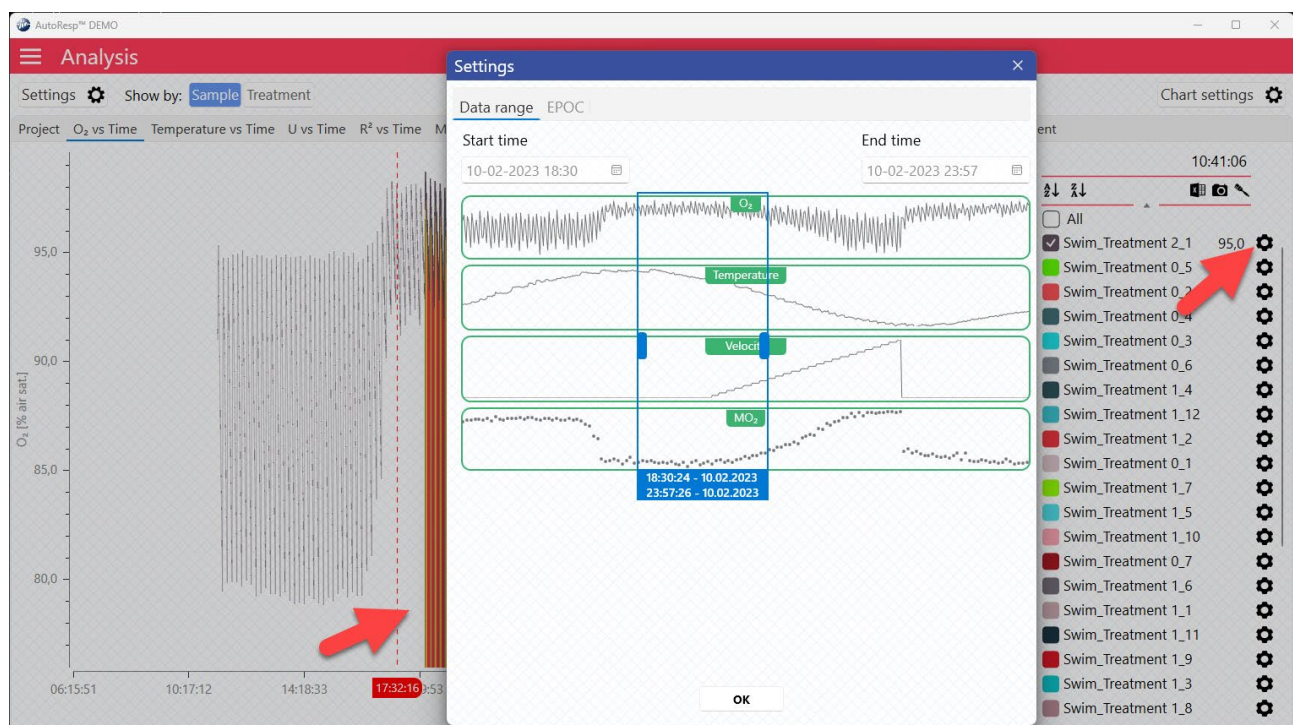


Show global date time handlers

Show/Hide the global date time handlers (red dotted lines). Data outside these lines are shaded (or hidden) and not included in the analysis. Is visible when one and multiple channels are selected.

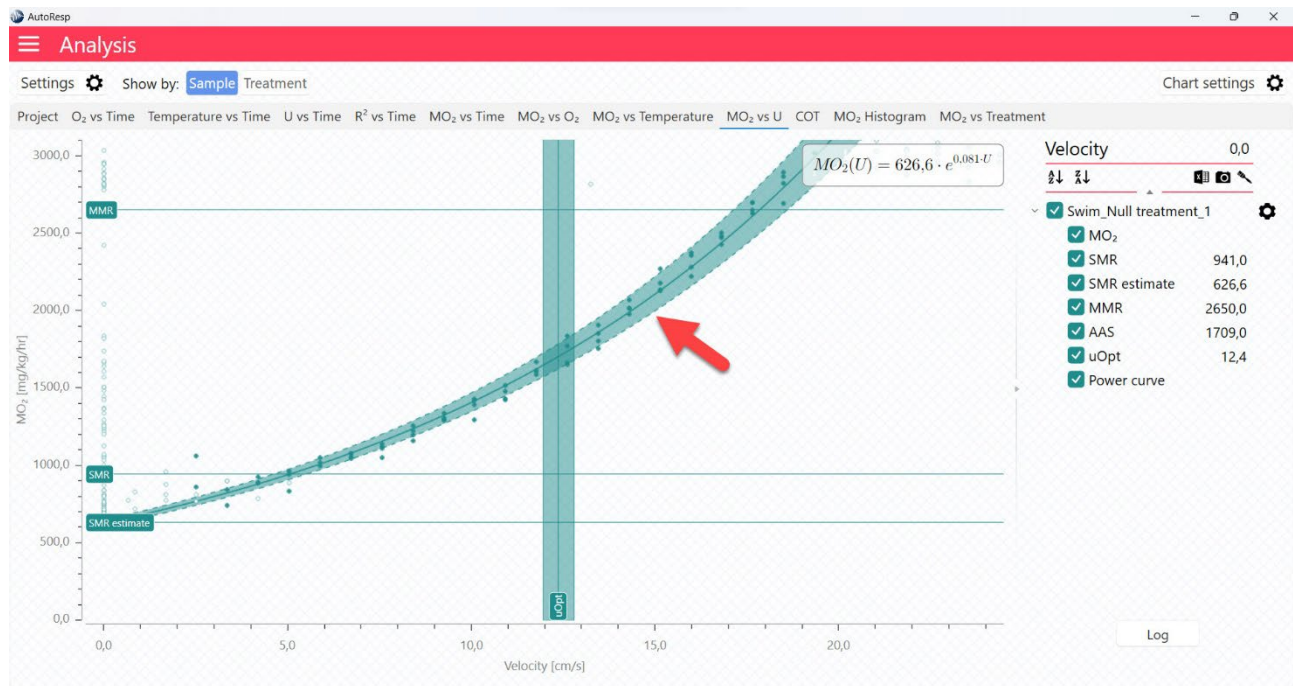


If the data range has been narrowed even further using the individual data ranges in the settings menu for that channel, the global date time handlers will not show the actual data range:



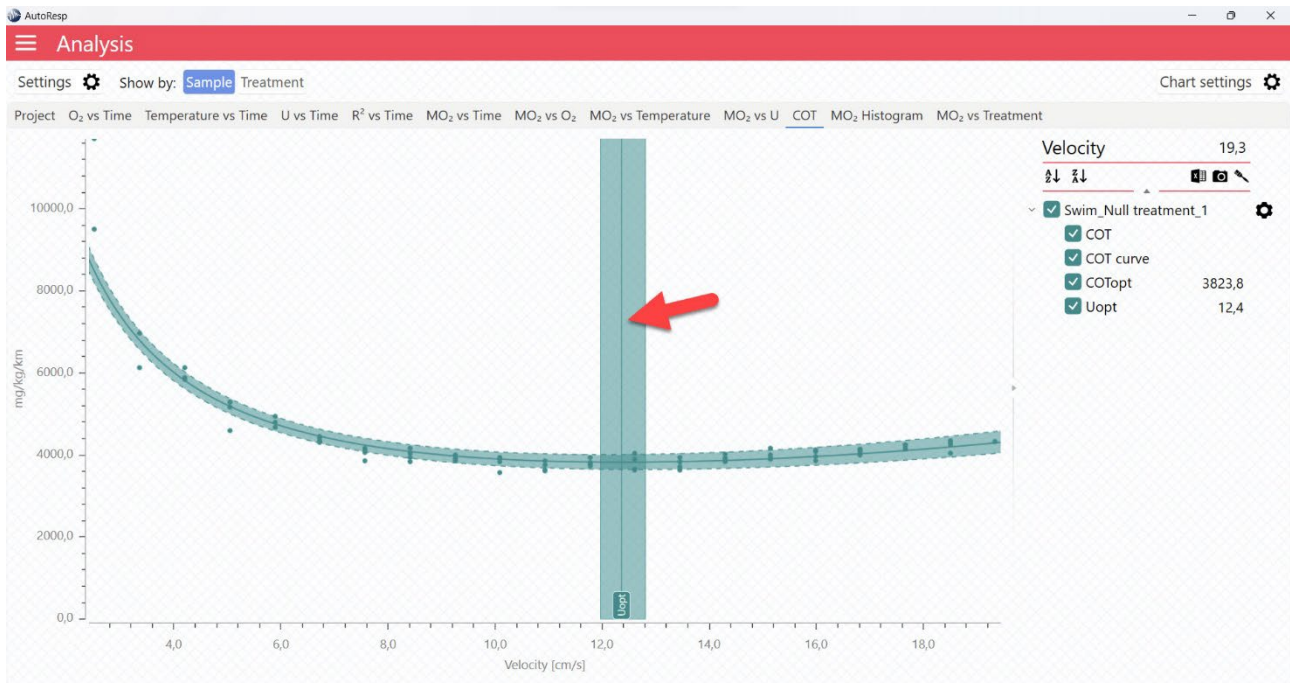
Show confidence interval

Show/Hide the confidence interval on a graph. Is visible when a single channel is selected.



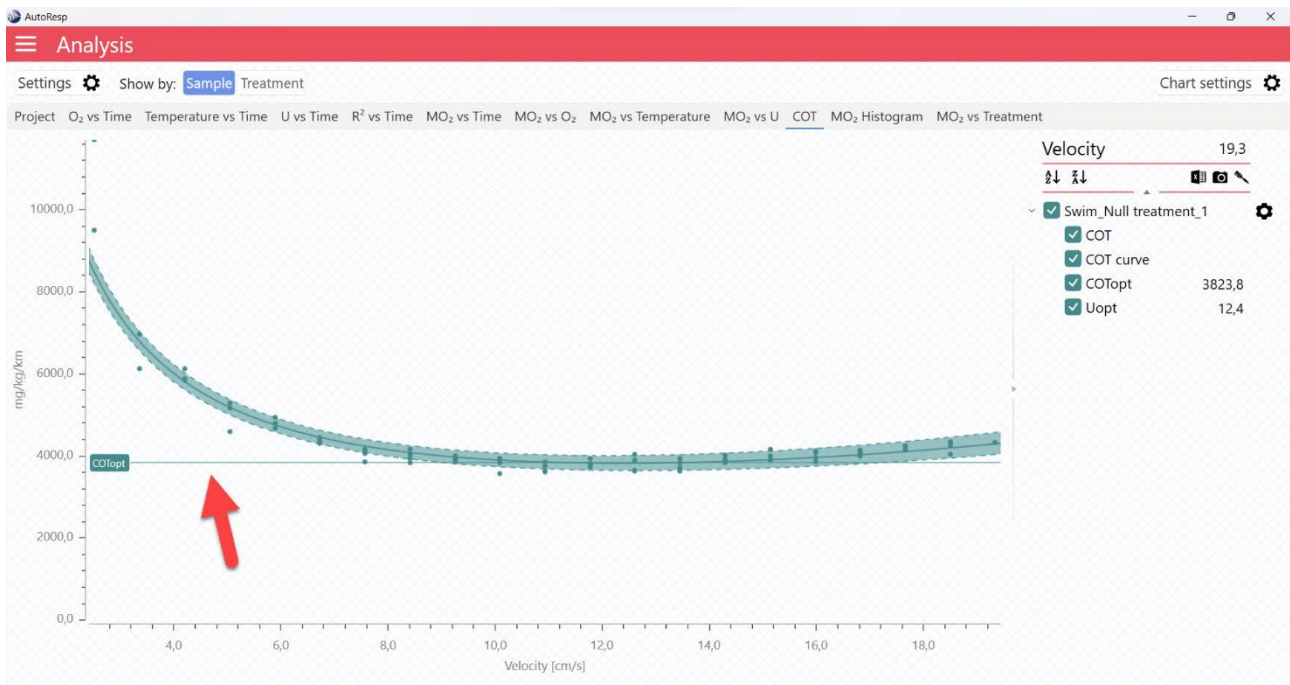
Show U_{opt} line

Show/Hide the U_{opt} line. The U_{opt} line is available on the COT and MO_2 vs U graphs. Is visible when a single channel is selected.



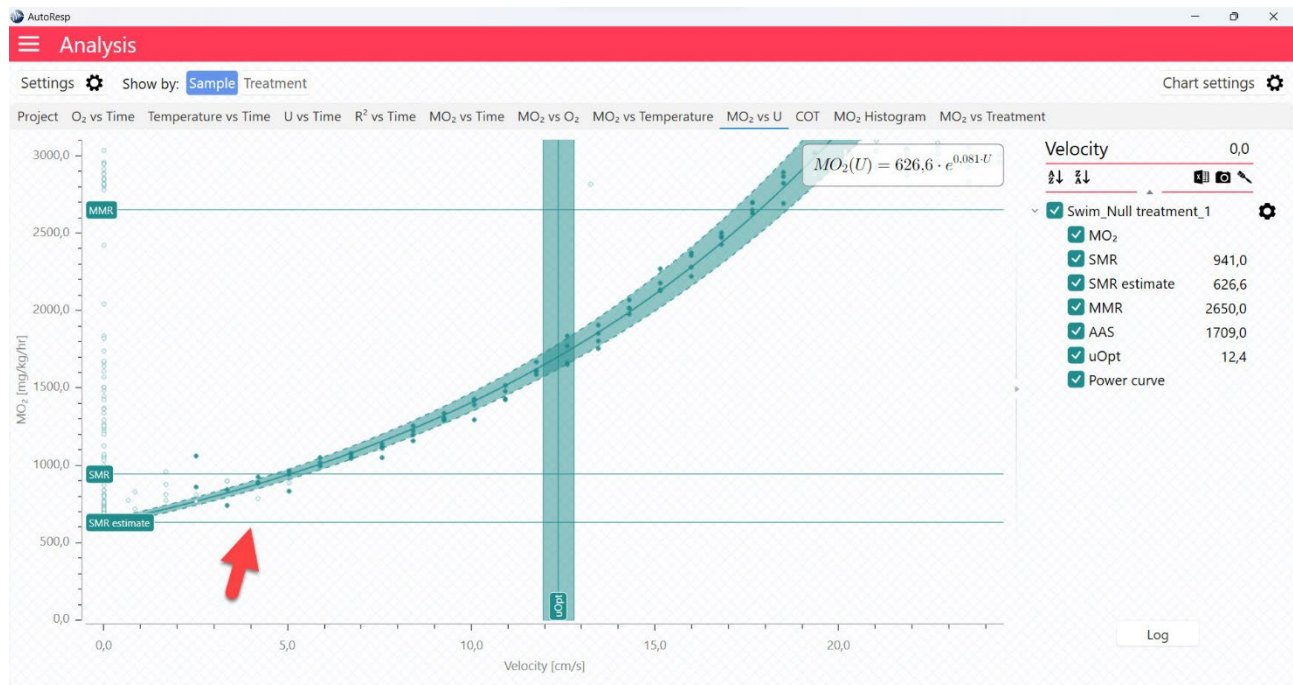
Show COT_{opt} line

Show/Hide the COT_{opt} line. The COT_{opt} line can also be shown or hidden using the legend menu. Is visible when one and multiple channels are selected.



Show SMR estimate from speed curve

Show/Hide the SMR estimate based on the speed curve. Is visible when one and multiple channels are selected.



Show equations

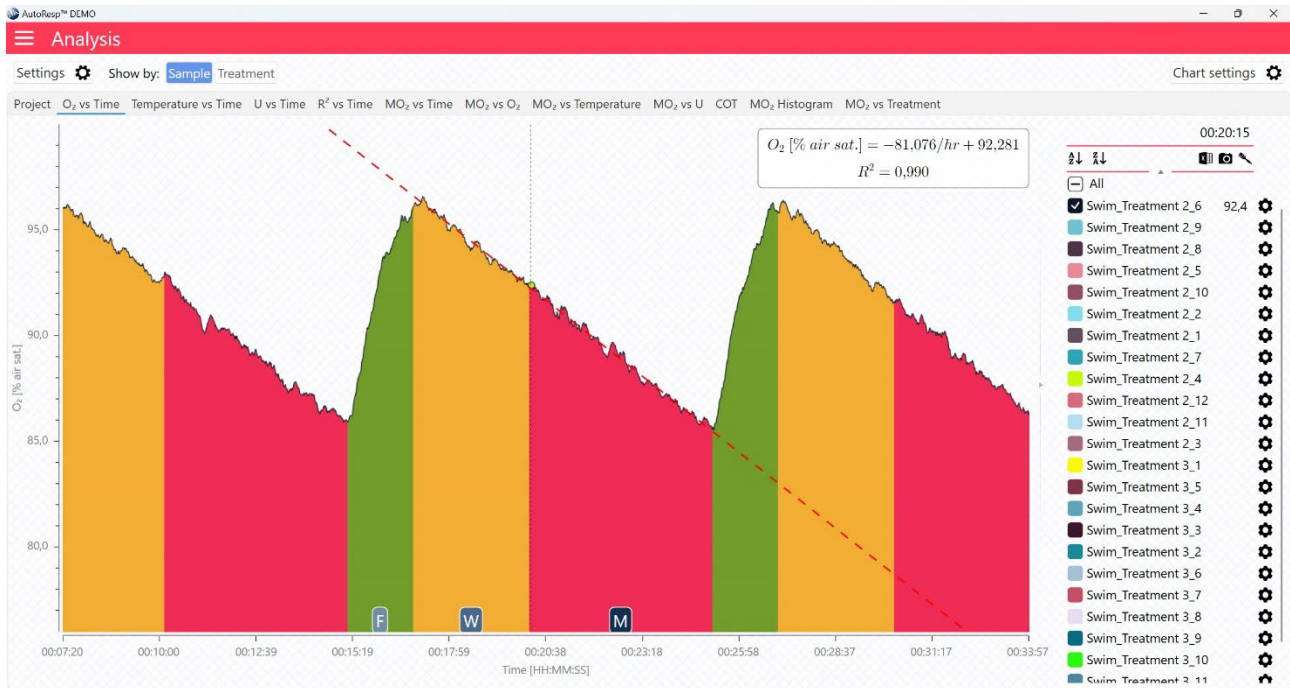
Show/Hide the MO₂ equation for the specific data graph. Is visible when a single channel is selected.



O₂ vs Time

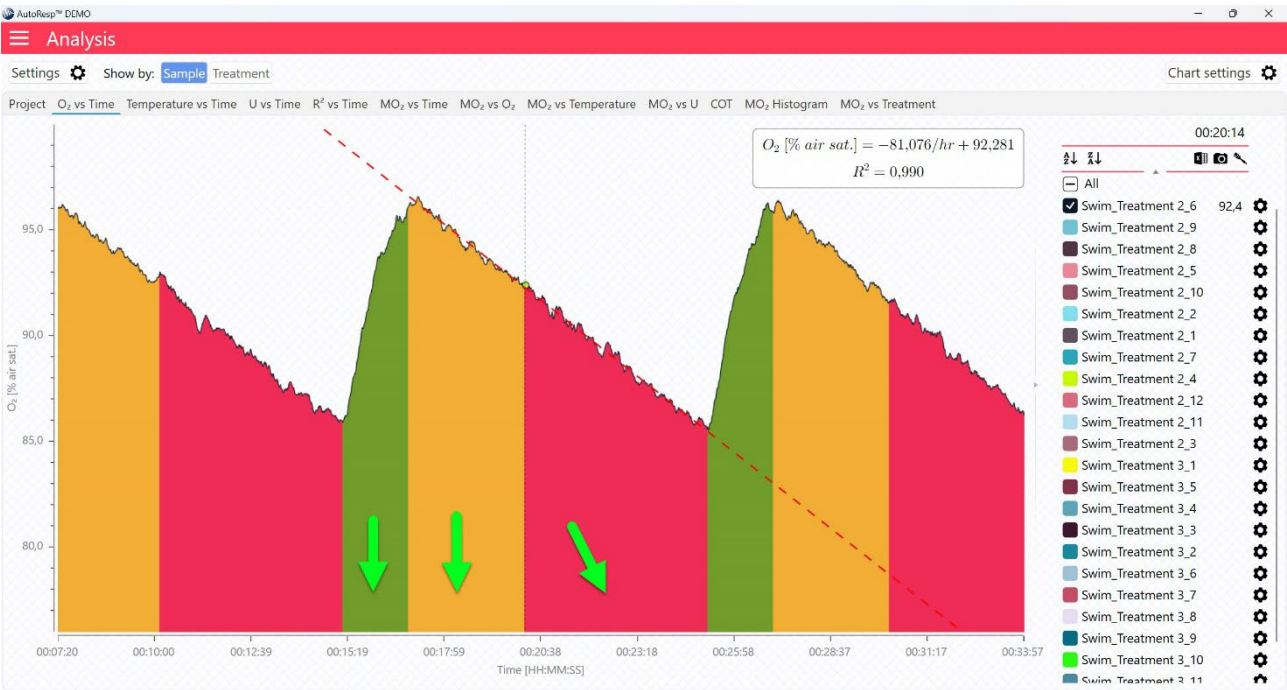
Applies to the O₂ vs Time graph.

The following parameters: *FWM* (Flush, Wait, Measure phase), *regression line*, and *single mode* are only visible when a single channel is selected. If set to YES, the data graph for a single channel will show as:



Show FWM

If set to NO, the flush, wait, and measure indicators will not be visible.



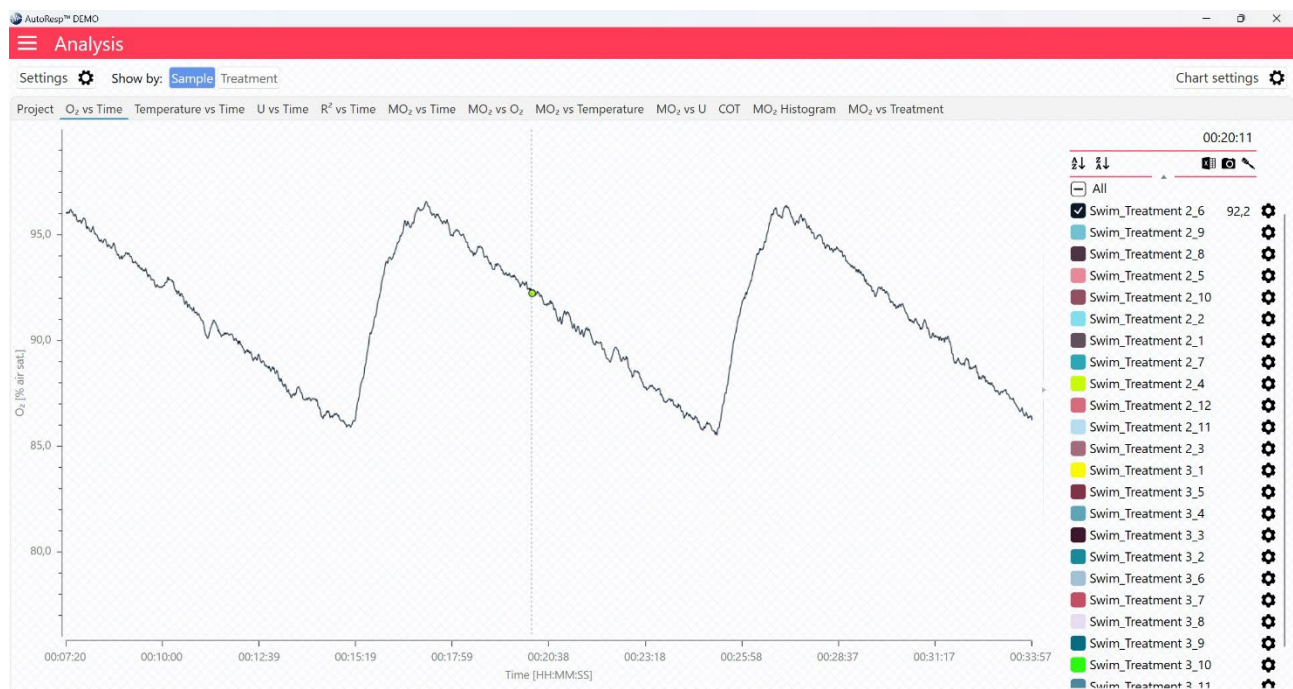
Show regression line

If set to NO, the regression line and its equation will not be visible.



Single mode

If set to NO, the FWM phase colors will not be visible.



R^2 vs Time

Applies to the R^2 vs Time graph.

Show R^2 minimum line

Show/Hide the minimum R^2 value. The minimum R^2 value must be specified in the Settings menu first. Is visible when one and multiple channels are selected.

Settings

Minimum time: 10-02-2023 11:06

Maximum time: 11-02-2023 21:13

$R^2 \geq$: 0,800

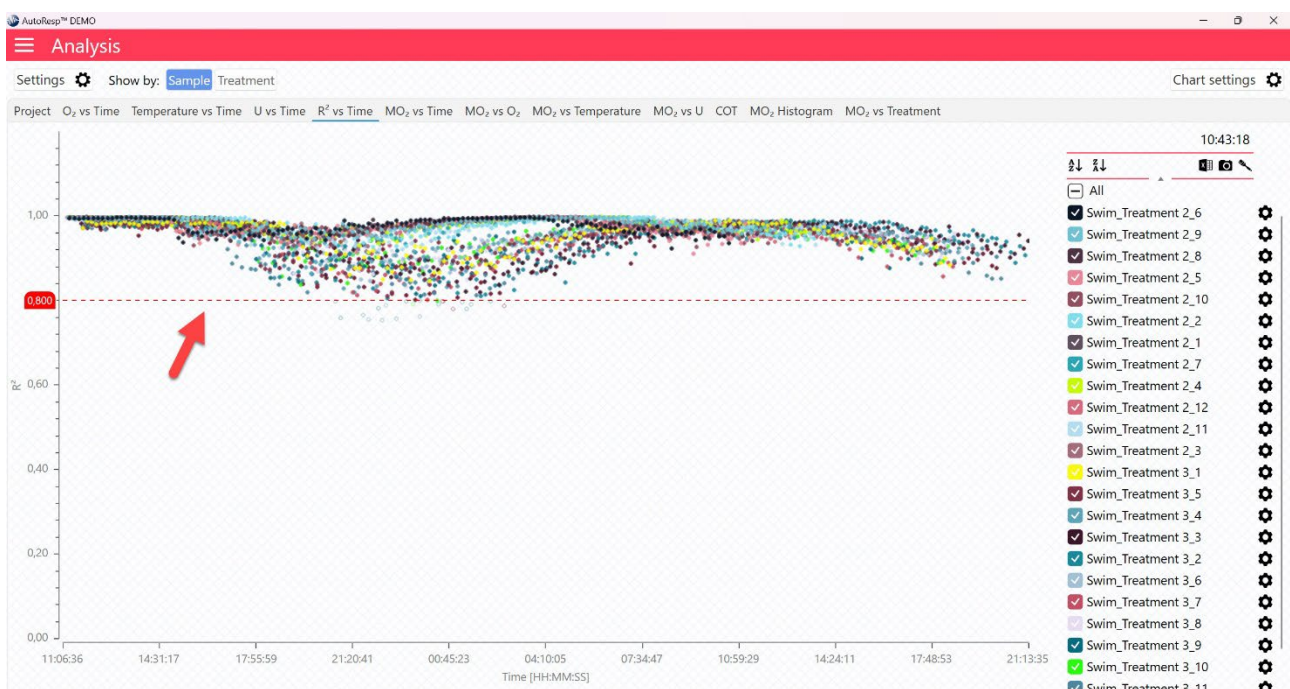
Method: N'th percentile of measurements

Percentile: 10

Minimum O₂ [% air sat.]: 50,0

Maximum O₂ [% air sat.]: 100,0

OK

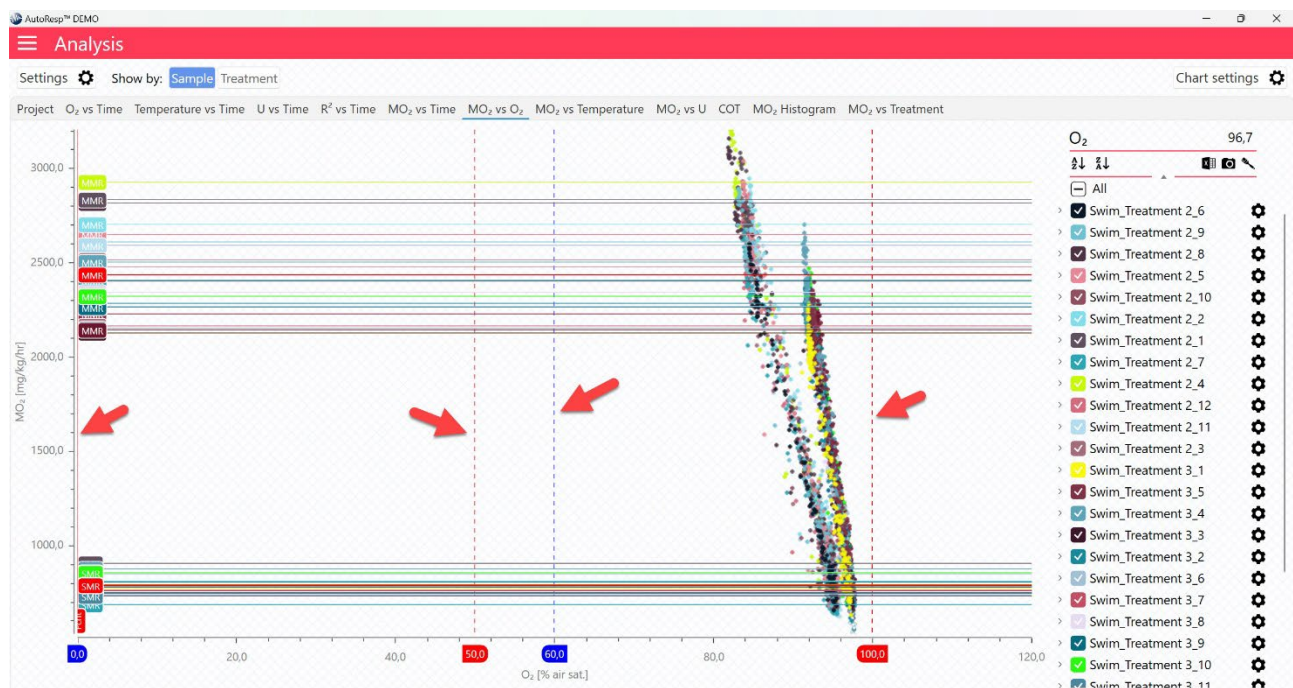
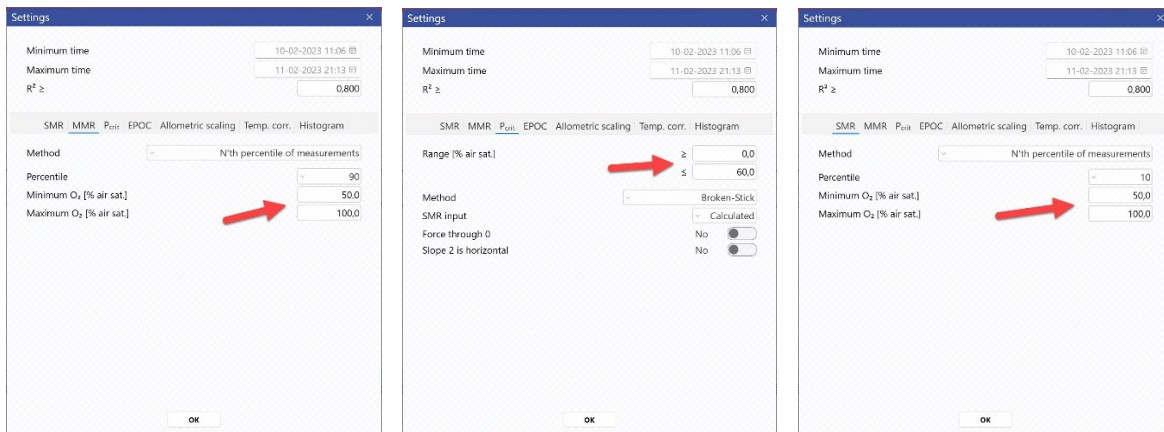


MO₂ vs O₂

Applies to the R² vs Time graph.

Show Min Max O₂ handlers

Show/Hide the minimum and maximum O₂ handlers for SMR and MMR (red dotted lines) and P_{crit} (blue dotted lines). The handle values can be set in the Settings menu or by clicking and dragging on the dotted lines directly on the graph. Are visible when one and multiple channels are selected.



Show P_{crit} value line

Show/Hide the calculated P_{crit} value line based on the chosen method in the Settings menu. Is visible when one and multiple channels are selected. The P_{crit} value can also be shown or hidden in the legend menu for each channel.

Settings

Minimum time 10-02-2023 11:06

Maximum time 11-02-2023 21:13

R² ≥ 0,800

SMR MMR **P_{crit}** EPOC Allometric scaling Temp. corr. Histogram

Range [% air sat.] ≥ 80,0

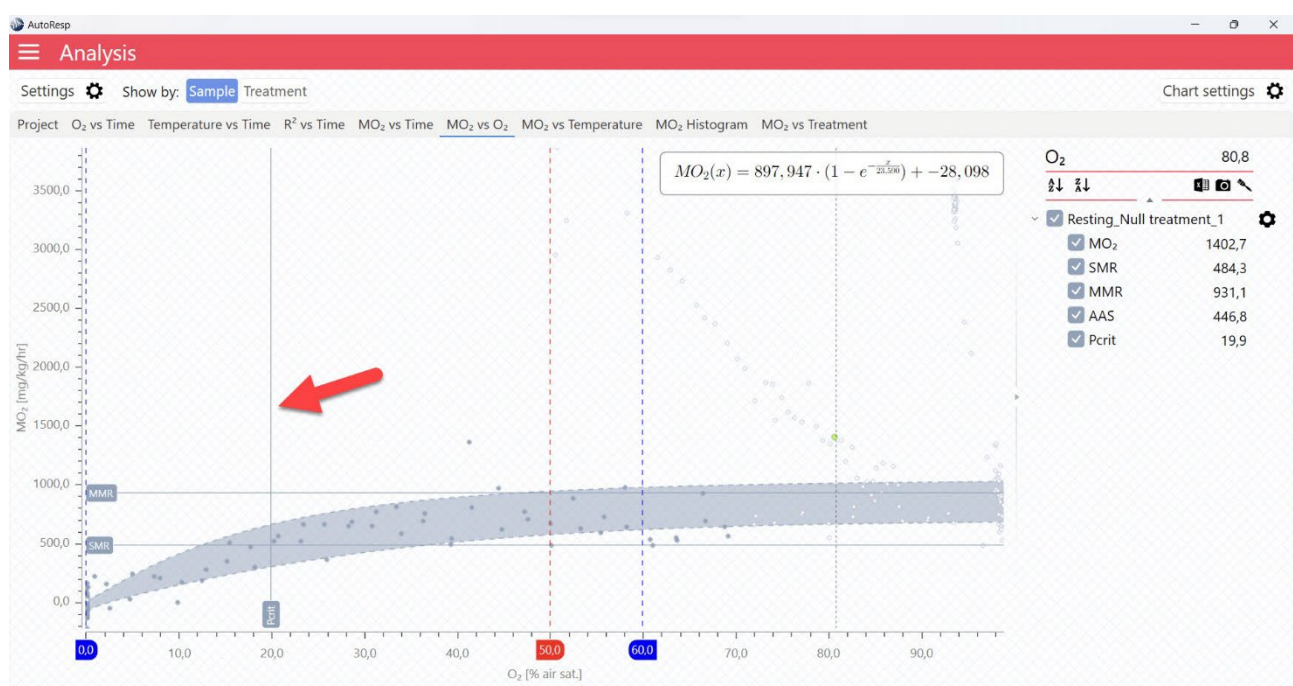
≤ 97,8

Method Function MM

By Resting value

SMR input Calculated

OK



Show P_{crit} line

Show/Hide the calculated P_{crit} line based on the chosen method in the Settings menu. Is visible when one and multiple channels are selected. The P_{crit} value can also be shown or hidden in the legend menu for each channel.

Settings

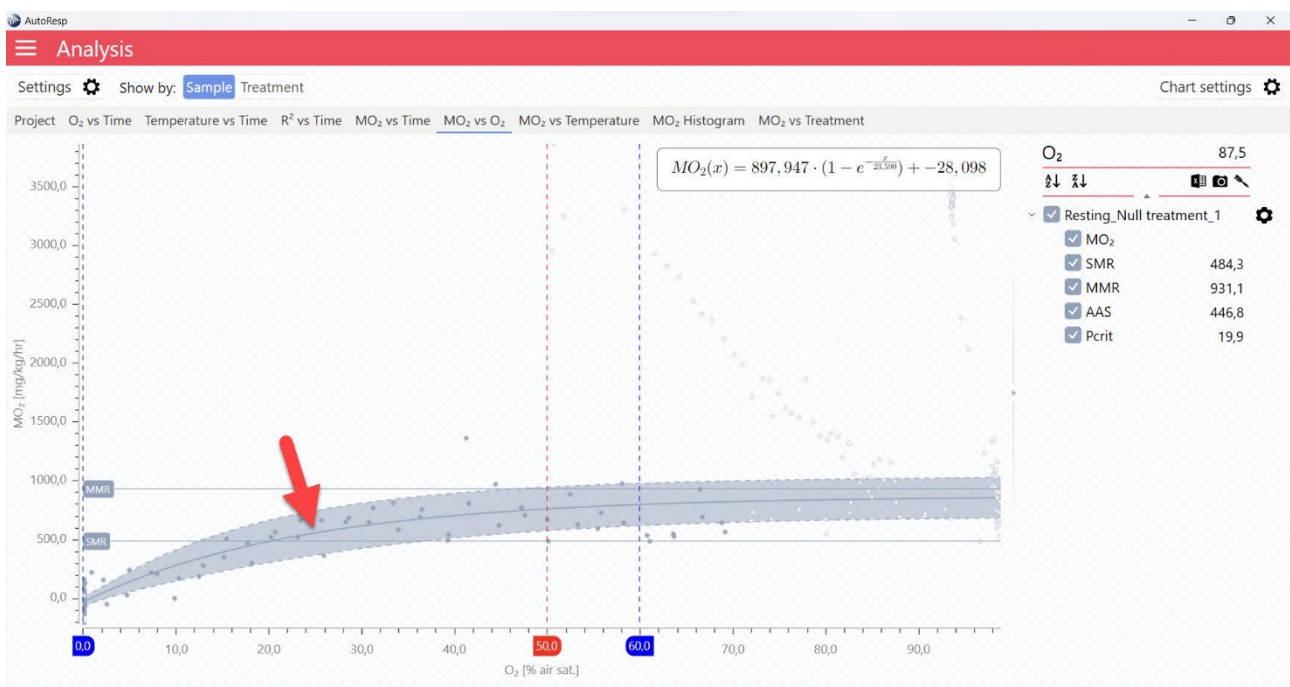
Minimum time: 10-02-2023 11:06
Maximum time: 11-02-2023 21:13
R² ≥: 0,800

SMR MMR **P_{crit}** EPOC Allometric scaling Temp. corr. Histogram

Range [% air sat.] ≥: 80,0
≤: 97,8

Method: Function MM
By: Resting value
SMR input: Calculated

OK

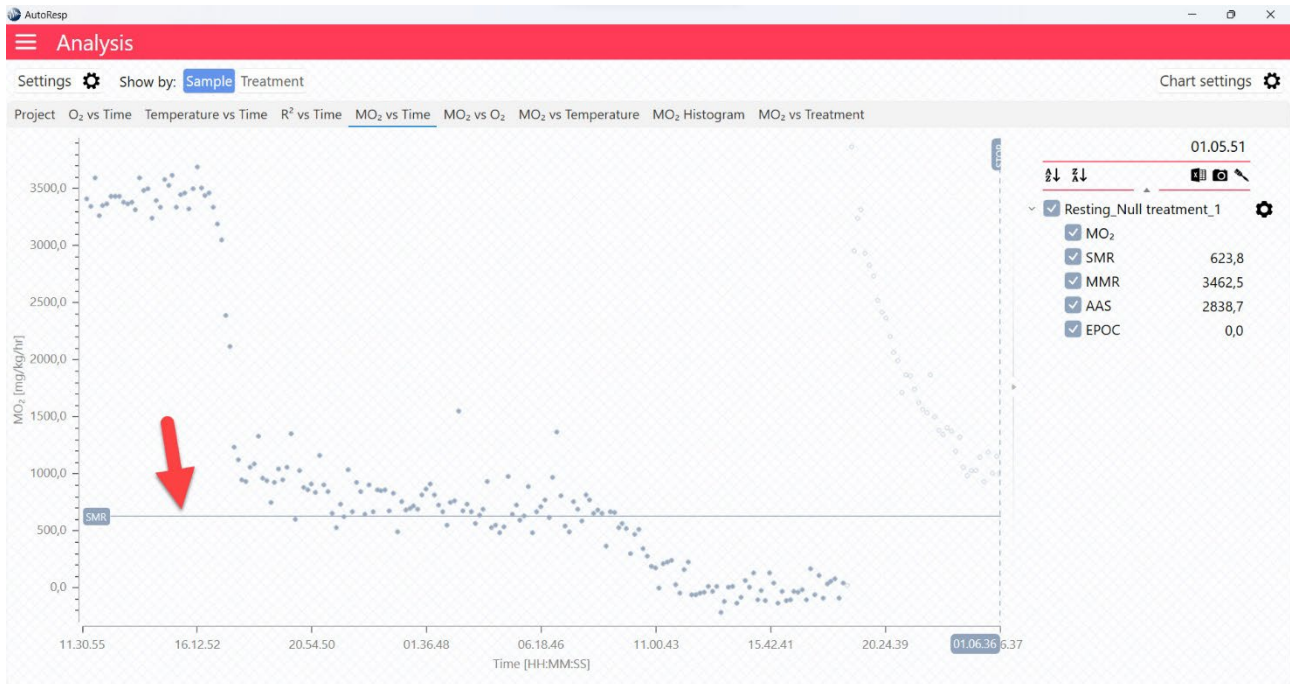


MO₂ vs X

Applies to all MO₂ vs... graphs.

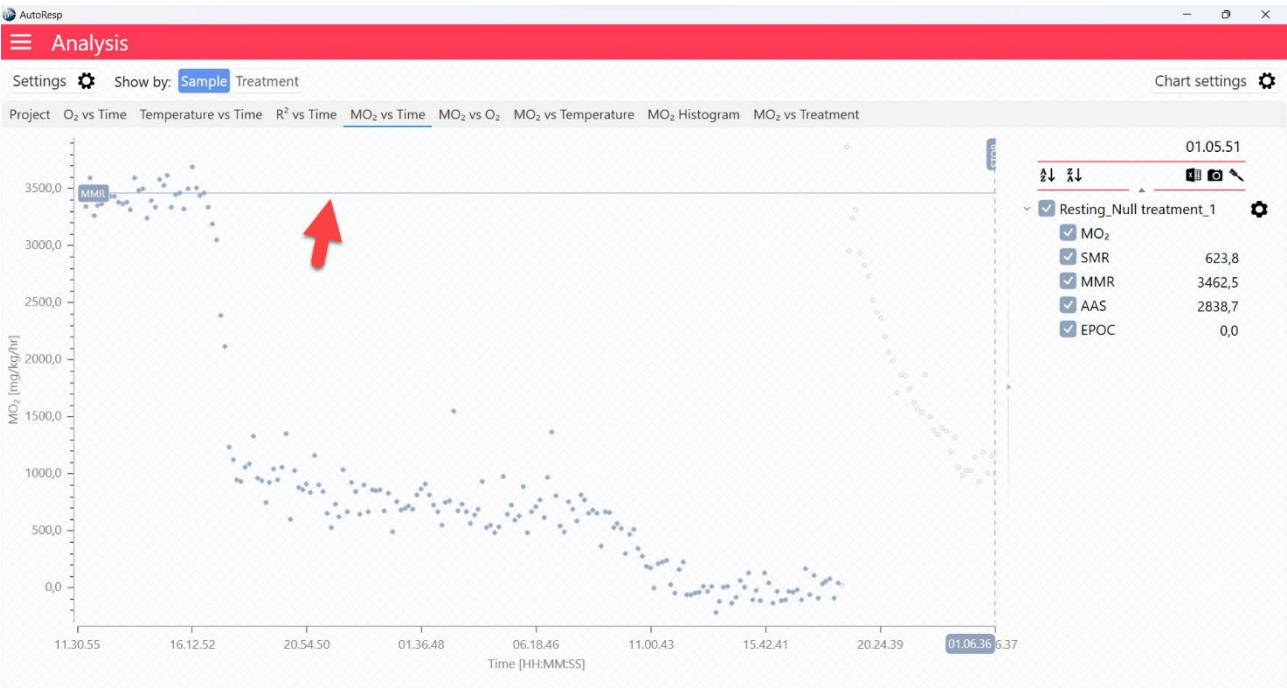
Show SMR line

Show/Hide the SMR lines. Is visible when one and multiple channels are selected.



Show MMR line

Show/Hide the MMR lines. Is visible when one and multiple channels are selected.



MO₂ Histogram

Applies to the MO₂ Histogram.

Draw zero data points

Show/Hide the histogram data points that have had no counts. Is visible when one and multiple channels are selected.

