# *Data analysis with Race-Studio*

Each PC of the race-sims.com simulators has pre-installed the software "Race-Studio Analysis" - including a professional arrangement of the graphs. This document explains how to prepare and view the desired laps. Works only with Assetto Corsa.

1. Feeding the data into the software

You open the program „Race Studio Analysis". In the first selection window you should choose „Formel-Modus" and hit „Weiter/ Next".

Under "Data" you can import the Assetto-Corsa file. Important: In Assetto Corsa, you should have left the track or the pit lane in order for the laps to be saved.
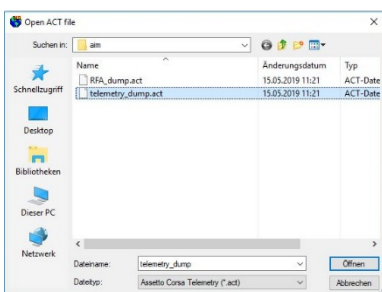

Under „Documents - Assetto Corsa – aim" you can find the self-updating file „telemetry_dump.act". Select it. Important: The file should not be deleted or renamed. In addition, the file only contains the laps of your last driven session.
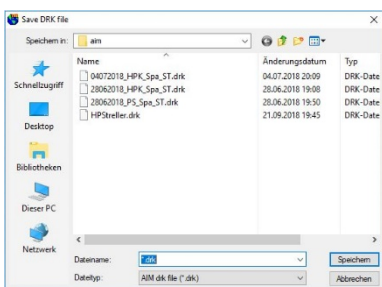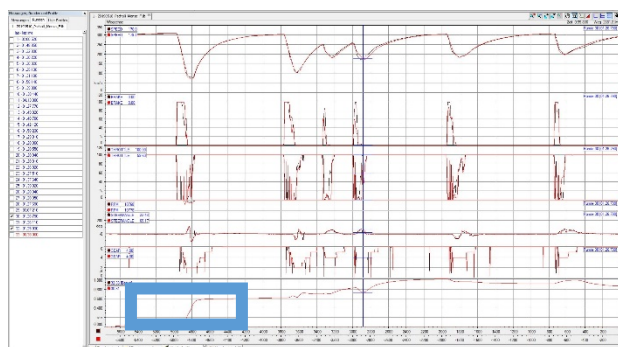

Now you can name and save your last driven session. Establish a logical labelling system so you can always find your rounds.
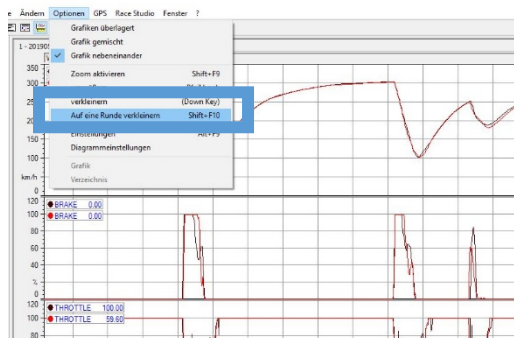
2. Selection of laps
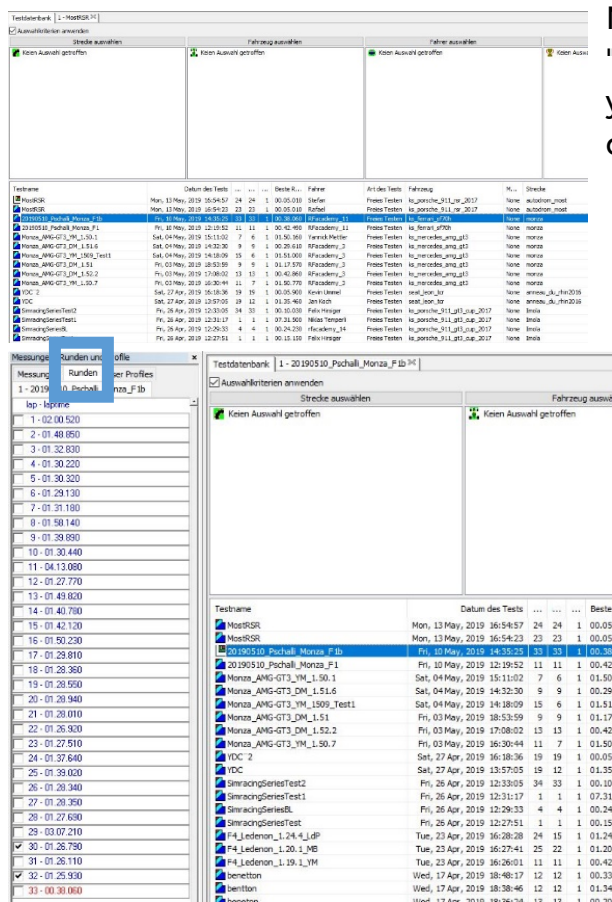
Now you see all saved sessions in the "test database". To analyze a session, you have to select a session by double-clicking.

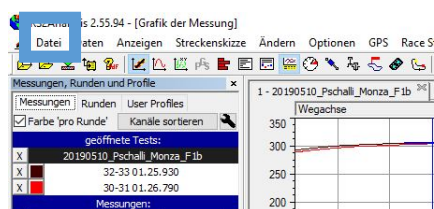At the top left, you can select "Rounds" – now you can select the desired laps to be compared.

To be able to see the graphs, select "graph of measurement" in the lower area. Now you see both laps in comparison.
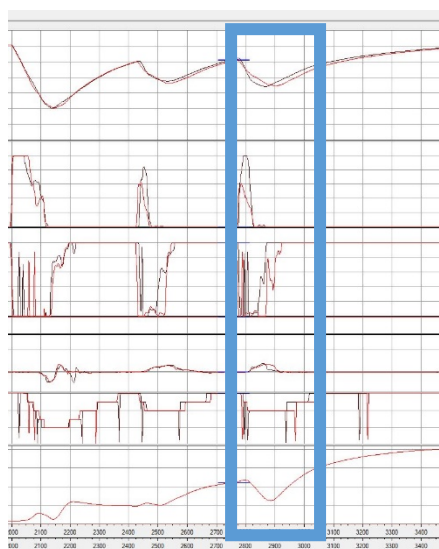
2

3.   Adaption of the graphs

in order to ensure a correct placement of the data, you should select "reduce to one lap".

The color of each round can be changed under "measurements". Simply click on the coloured squares.

Now it is time for analysis: Orient yourself on the bottom graph, which shows the total time lost in one round. Especially look at the areas of the gas and brake graphs where you lose the most time.

The correct analysis of your driven laps requires a healthy amount of prior knowledge. We recommend e.g. a data analysis course at the RacingFuel Academy in Horgen.