Wegher, M., Niedrist, G., Tagliavini, M., Asensio, D., Giuliani, N., & Andreotti, C. (2025). Impact of leaf removal on recovery of young grapevines under heatwave conditions: A study in an ecotron environment. *OENO One*, *59*(3).
https://doi.org/10.20870/oeno-one.2025.59.3.7462

SUPPLEMENTARY DATA

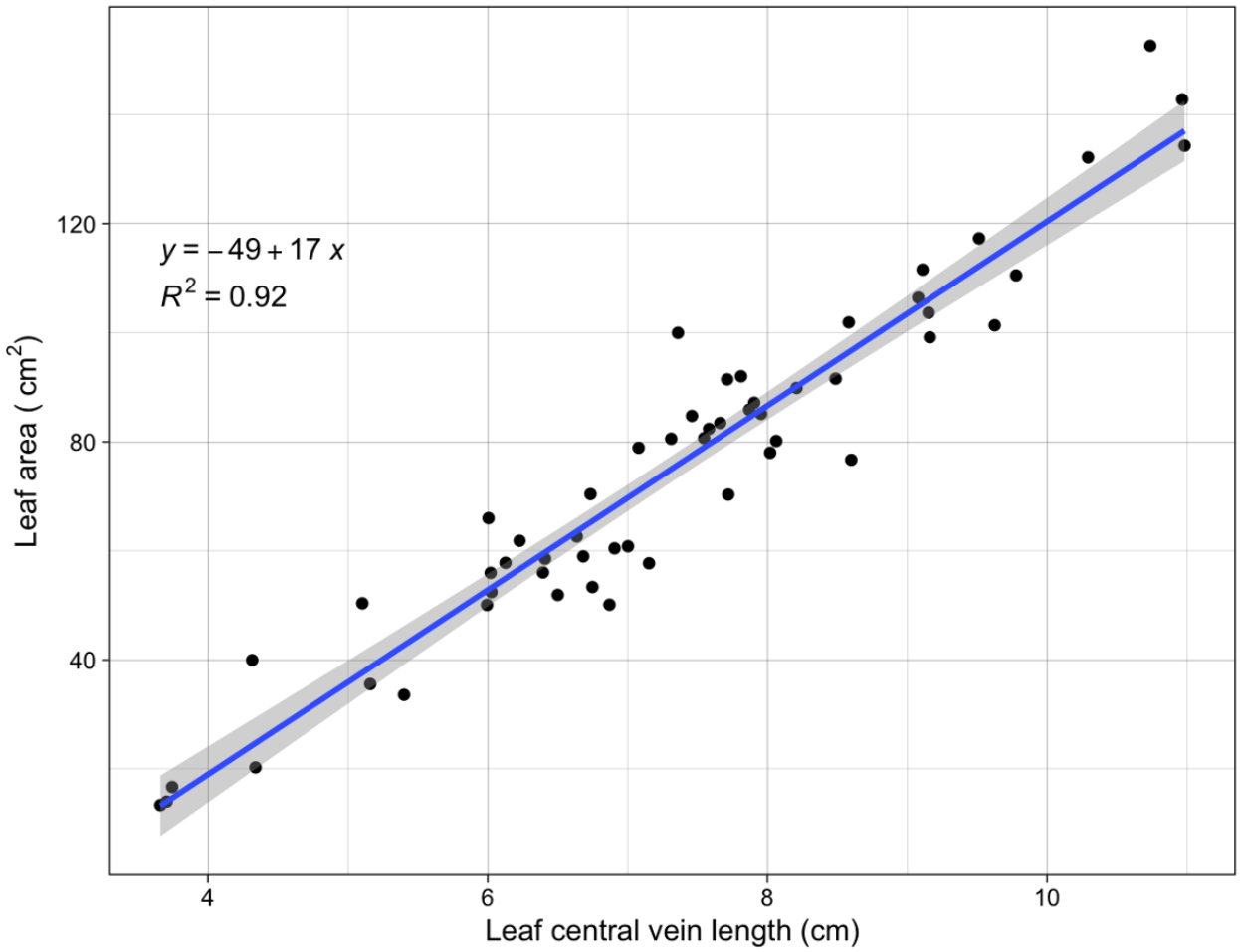


Figure S1. Linear regression between the individual leaf area and the length of the midvein. This regression was used to estimate the total leaf area per plant.

Wegher, M., Niedrist, G., Tagliavini, M., Asensio, D., Giuliani, N., & Andreotti, C. (2025). Impact of leaf removal on recovery of young grapevines under heatwave conditions: A study in an ecotron environment. *OENO One*, *59*(3).
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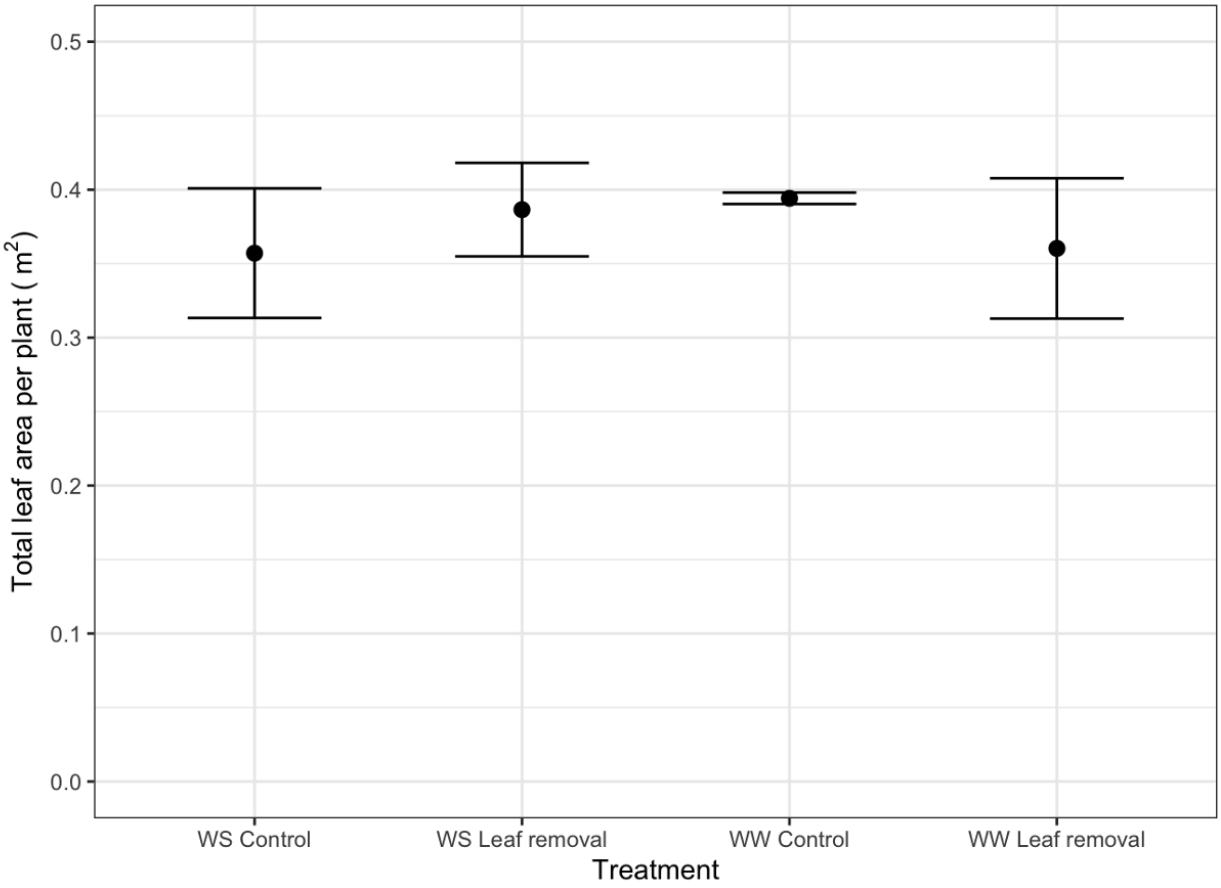


Figure S2. Mean total leaf area in the different treatments before leaf removal. Each point represents the mean ± the standard error of the three plants per treatment used in this experiment.

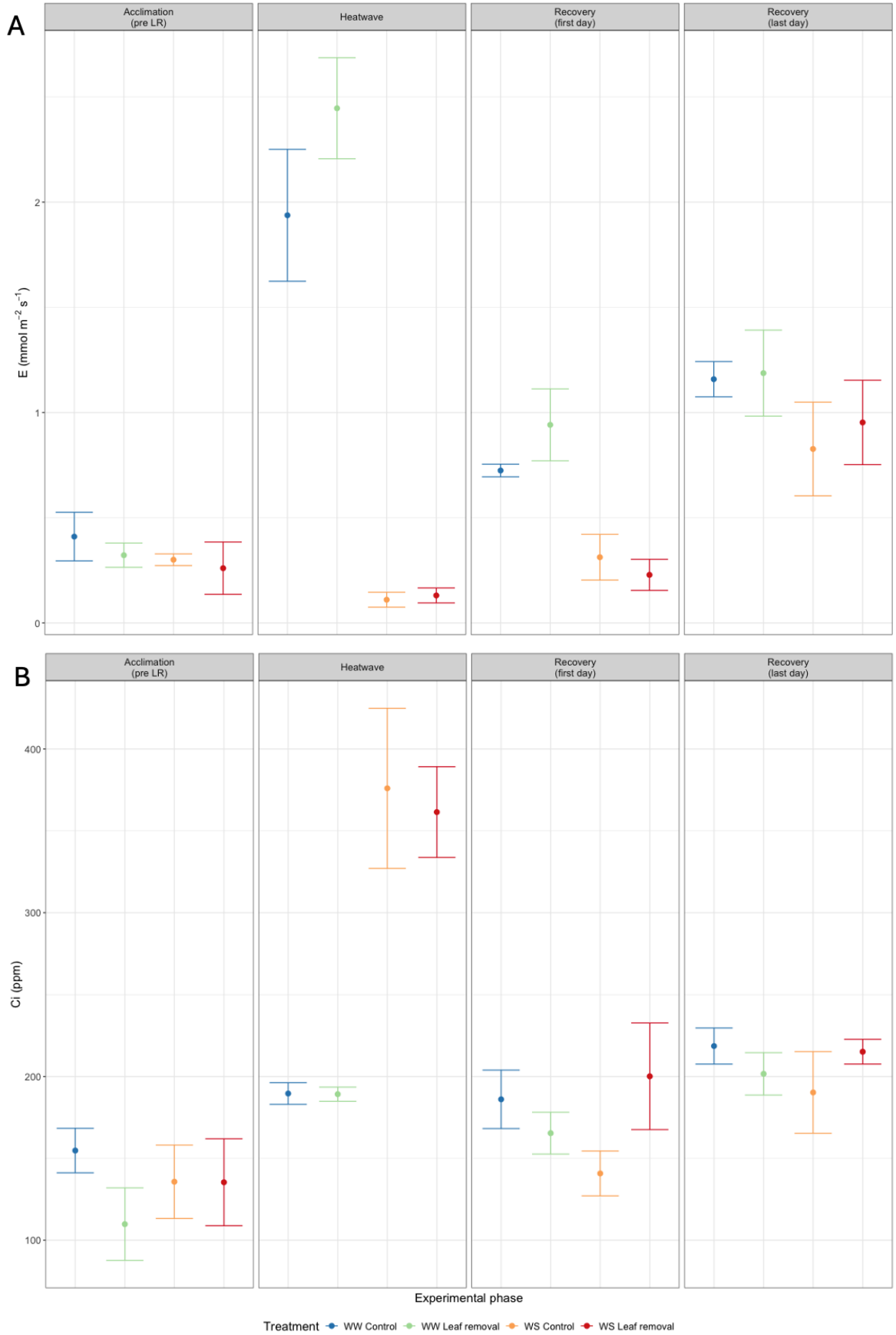


Figure S3. Leaf transpiration (A) and intercellular CO_2 concentration (B) measured with an infrared gas analyzer in the main experimental phases (mean ± standard error, $n = 3$): acclimation (pre-leaf removal) DoE 2, heatwave DoE 12 and 15, recovery DoE 16 and 20.

SUPPLEMENTARY DATA
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Table S1. Irrigation dosage during the experiment in litres.

	Chamber 1				Chamber 2				Chamber 3			
Day of experiment	**WW Control 1**	**WW Leaf removal 1**	**WS Control 1**	**WS Leaf removal 1**	**WW Control 2**	**WW Leaf removal 2**	**WS Control 2**	**WS Leaf removal 2**	**WW Control 3**	**WW Leaf removal 3**	**WS Control 3**	**WS Leaf removal 3**
1	4	4	2	2	4	4	2	2	4	4	2	2
2	0.6	0.6	0	0	0.6	0.6	0	0	0.6	0.6	0	0
3	0.3	0.3	0	0	0.3	0.3	0	0	0.3	0.3	0	0
4	1	1	0	0	1	1	0	0	1	1	0	0
5	1	1	0	0	1	1	0	0	1	1	0	0
6	0.5	0.5	0	0	0.5	0.5	0	0	0.5	0.5	0	0
7	0.4	0.4	0	0	0.4	0.4	0	0	0.4	0.4	0	0
8	1	1	0	0	1	1	0	0	1	1	0	0
9	0.6	0.6	0	0	0.6	0.6	0	0	0.6	0.6	0.1	0.1
10	1	0.5	0	0	0.5	0.5	0	0	0.5	0.5	0	0
11	1	1	0.1	0.1	1	1	0.1	0.1	1	1	0.1	0.1
12	1	1	0.3	0.3	1	1	0.3	0.3	1	1	0.3	0.3
13	1	1	0	0	1	1	0	0	1	1	0	0
14	2	2	0	0	2	2	0	0	2	2	0	0
15	1.2	1.2	4.5	4.5	1.2	1.2	4.5	4.5	1.2	1.2	4.5	4.5
16	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
17	1	1	1	1	1	1	1	1	1	1	1	1
18	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
19	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
20	2	2	2	2	2	2	2	2	2	2	2	2