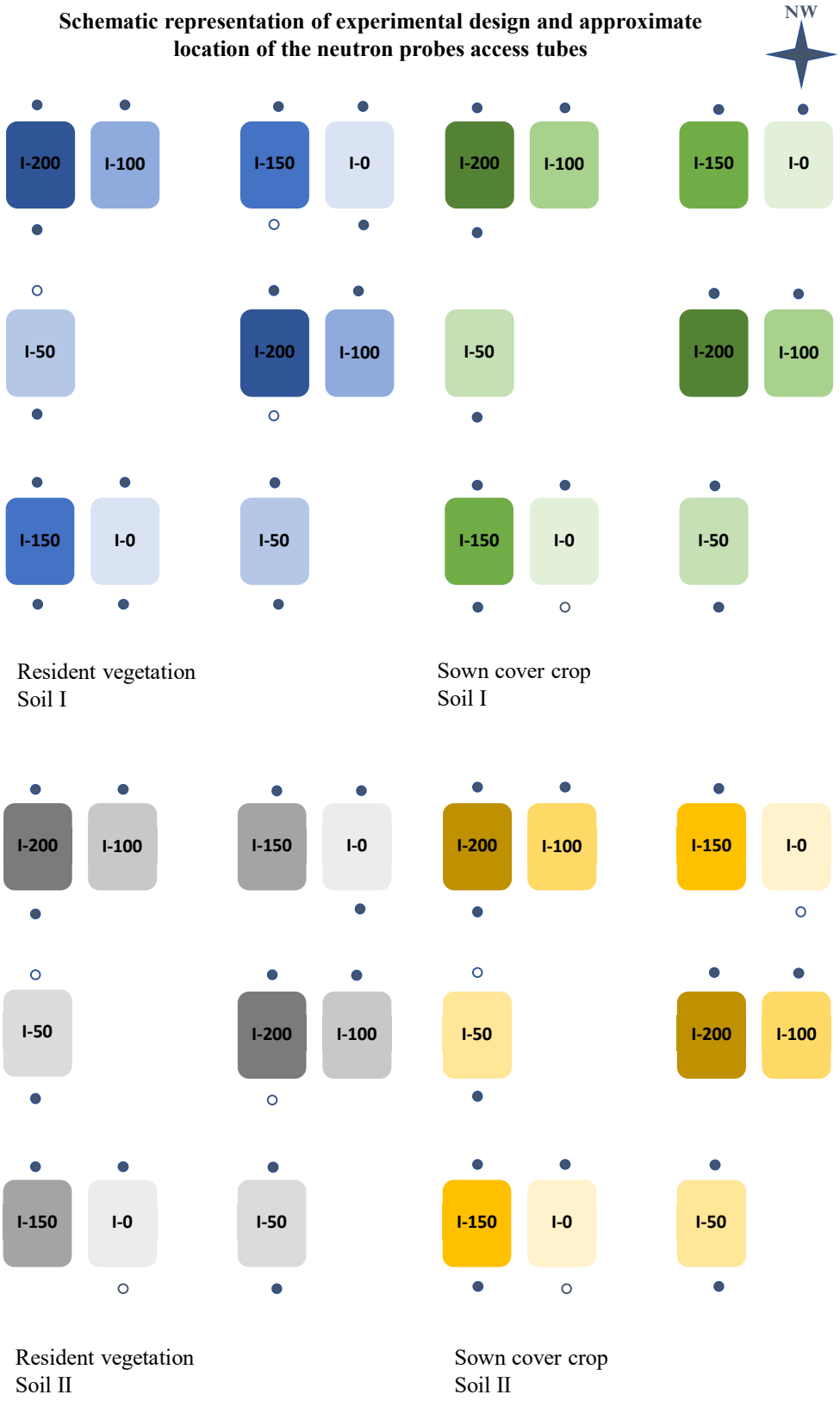
SUPPLEMENTARY DATA
Tomaz, A., Coleto Martinez, J., & Arruda Pacheco, C. (2021). Effects of cover crops and irrigation on 'Tempranillo' grapevine and berry physiology: an experiment under the Mediterranean conditions of Southern Portugal. *OENO One, 55*(3)
https://doi.org/10.20870/oeno-one.2021.55.3.4629

Appendix 1.

Schematic representation of experimental design and approximate location of the neutron probes access tubes



● Access tubes in the row ○ Access tubes in the interrow

I-200 – 200 mm water regime; I-150 – 150 mm water regime; I-100 – 100 mm water regime; I-50 – 50 mm water regime.´; I-0 – rainfed

SUPPLEMENTARY DATA

Tomaz, A., Coleto Martinez, J., & Arruda Pacheco, C. (2021). Effects of cover crops and irrigation on 'Tempranillo' grapevine and berry physiology: an experiment under the Mediterranean conditions of Southern Portugal. *OENO One, 55*(3)
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APPENDIX 2. Two-way ANOVA for the effect of soil management and water regime on net photosynthetic rate (An; μmol CO_2 m-2 s^{-1}) at different times of day and stages of the growth cycle.

Season	Source of variation	Veraison 2nd			Veraison 3rd			Ripening 1st			Ripening 2nd			Pre-harvest		
	Time	**9 am**	**2 pm**	**6 pm**	**9 am**	**2 pm**	**6 pm**	**9 am**	**2 pm**	**6 pm**	**9 am**	**2 pm**	**6 pm**	**9 am**	**2 pm**	**6 pm**
1	Soil management							NS			NS	NS	NS	NS	NS	NS
	RV-I							14.52			16.24	7.17	9.94	11.71	4.67	6.04
	RV-II							13.01			16.91	6.19	11.10	11.25	4.55	6.41
	Water regime							NS			NS	*	*	*	*	*
	I_{200}							15.43			17.18	9.31 a	13.95 a	14.65 a	7.03	8.74 a
	I_{150}							15.25			15.40	6.60 ab	10.96 b	13.18 a	4.04	5.87 ab
	I_{100}							14.30			17.87	6.87 ab	7.84 b	12.20 a	4.44	4.82 b
	I_{50}							10.43			16.10	4.11 b	9.02 b	6.14 b	2.90	5.08 b
	Interaction							NS			NS	NS	NS	NS	NS	NS
2	Soil management	NS	NS	*		NS	*	NS	*	NS	NS	NS		*	*	*
	RV-I	15.54	11.07	10.44 ab		8.74	13.17	14.22	7.71 b	7.74	13.00	8.27		10.79 b	6.07 b	7.05 b
	RV-II	16.47	11.21	10.36 ab		9.37	10.47	14.92	8.82 ab	9.42	14.27	7.46		10.85 b	6.46 b	7.41 b
	SCC-I	13.57	8.54	9.46 b		9.03	10.07	12.93	8.57 ab	9.93	13.35	8.16		10.87 b	7.48 ab	7.52 b
	SCC-II	15.20	9.38	13.00 a		7.94	10.75	15.52	10.68 a	11.34	14.94	9.33		13.64 a	9.57 a	10.34 a
	Water regime	*	*	*		NS	*	*	*	*	*	*		*	*	*
	I_{200}	16.60 a	12.12 a	12.95 a		11.22	15.50	15.78 a	12.35 a	13.00 a	15.45 a	11.73 a		13.71 a	10.03 a	10.73 a
	I_{100}	15.41 ab	10.74 a	10.97 a		7.23	12.45	15.05 a	9.94 b	9.88 b	13.90 ab	8.48 b		11.70 b	7.09 b	8.18 b
	I_0	13.33 b	6.99 b	7.88 b		7.84	4.29	12.36 b	4.80 c	5.16 c	11.94 b	4.04 c		8.56 c	4.42 c	4.72 c
	Interaction	NS	NS	*		*	*	NS	NS	*	NS	NS		NS	*	*

* Significance for $p < 0.05$; NS—No significance for $p < 0.05$. Different letters indicate statistically significant differences ($p < 0.05$) by the Tukey test. RV—Resident vegetation; SCC—Sown cover crop; I—Soil I; II—Soil II; I_{200}—200 mm water regime; I_{150}—150 mm water regime; I_{100}—100 mm water regime; I_{50}—50 mm water regime; I_0—rainfed. Shaded columns—values not available