

Supplementary material

Unraveling the impacts of germination on the volatile and fatty acid profile of intermediate wheatgrass (*Thinopyrum intermedium*) seeds

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Table S1. Fatty acid profile (%) in IWG samples germinated at 10, 15 and 20 °C and 2, 4 and 6 days of germination.

Fatty acid	Code	Control 1	10_2	10_4	10_6	15_2	15_4	15_6	20_2	20_4	20_6
Myristic Acid	C14:0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Pentadecylic acid	C15:0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Palmitic Acid	C16:0	11.9	12.2	12.2	12.0	12.1	11.9	12.4	12.3	12.6	12.5
Palmitoleic Acid	C16:1	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4
Stearic Acid	C18:0	1.0	0.9	1.3	1.1	0.8	1.2	0.9	1.0	1.3	1.4
Oleic Acid +Elaidic acid	C18:1 cis	17.2	17.0	17.1	16.3	17.3	17.0	16.4	17.3	16.9	16.4
Linoleic Acid	C18:2 n-6	63.2	62.4	61.7	62.6	62.4	62.0	62.5	62.1	61.9	62.3
Gamma-linolenic acid	C18:3 n-6	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
Linolenic Acid	C18:3 n-3	5.1	5.9	6.1	6.5	5.7	5.9	5.9	5.5	5.4	5.4
Arachidic acid	C20:0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2
Gondoic Acid/11-eicosanoic acid	C20:1 n-9	0.8	0.9	0.9	0.8	0.9	0.9	0.9	1.0	0.9	0.9

Table S2. Compounds quantified (mg.kg⁻¹) in IWG sample without germination (control) and after germination by 2, 4 and 6 days at 10, 15, and 20 °C

Compound	Analytical curve	Control	10 2	10 4	10 6	15 2	15 4	15 6	20 2	20 4	20 6
3-methyl-1-Butanol	1	<LOQ	<LOQ	<LOQ	0.72 ± 0.16 ^{CD}	<LOQ	0.63 ± 0.04 ^D	1.58 ± 0.15 ^B	<LOQ	1 ± 0.15 ^C	2.39 ± 0.27 ^A
1-Pentanol	1	2.77 ± 0.19 ^{BCD}	2.8 ± 0.32 ^{BCD}	3.27 ± 0.39 ^{AB}	2.99 ± 0.19 ^{ABCD}	3.65 ± 0.25 ^A	3.06 ± 0.2 ^{ABC}	2.57 ± 0.21 ^{CD}	3.38 ± 0.21 ^{AB}	2.37 ± 0.04 ^D	<LOQ
2,3-Butanediol	3	0.69 ± 0.06 ^D	0.77 ± 0.12 ^D	1.13 ± 0.23 ^D	1.36 ± 0.16 ^D	1.31 ± 0.11 ^D	2.22 ± 0.41 ^D	16.7 ± 0.43 ^B	6.39 ± 0.1 ^C	8.91 ± 0.94 ^C	46.77 ± 4.08 ^A
Hexanal	4	94.75 ± 4.6 ^A	51.57 ± 1.46 ^C	49.17 ± 2.43 ^C	38.28 ± 4.46 ^{DE}	64 ± 7.53 ^B	44.85 ± 3.32 ^{CD}	28.77 ± 1.52 ^E	49.2 ± 1.77 ^C	32.19 ± 0.75 ^E	13.45 ± 0.74 ^F
4-hydroxy-4-methyl-2-Pentanone	7	1.57 ± 0.22 ^{CD}	2.91 ± 0.13 ^A	1.29 ± 0.11 ^{DEF}	1.31 ± 0.28 ^{DEF}	1.68 ± 0.19 ^{BCD}	1.49 ± 0.11 ^{CDE}	2.05 ± 0.06 ^B	1.74 ± 0.04 ^{BC}	1.09 ± 0.01 ^{EF}	0.93 ± 0.07 ^F
3-methyl-butanoic acid	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.35 ± 0.16 ^A	1.51 ± 0.1 ^A
2-Hexenal	4	5.31 ± 0.43 ^E	14.51 ± 2.56 ^{ABC}	11.6 ± 0.17 ^{BCD}	10.42 ± 2.09 ^D	15.64 ± 1.82 ^A	9.97 ± 1.26 ^D	10.79 ± 1.25 ^{CD}	10.05 ± 0.4 ^D	14.93 ± 0.14 ^{AB}	3.07 ± 0.05 ^E
5-methyl-2-hexanone	7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	0.85 ± 0.04 ^{AB}	0.88 ± 0.02 ^A	0.81 ± 0.02 ^{BC}	0.77 ± 0.02 ^C
Ethylbenzene	8	10.89 ± 1.77 ^A	1.22 ± 0.16 ^B	1.39 ± 0.22 ^B	1.3 ± 0.25 ^B	1.15 ± 0.15 ^B	<LOQ	<LOQ	1.19 ± 0.08 ^B	<LOQ	<LOQ
1-Hexanol	1	11.88 ± 1.05 ^{AB}	10.21 ± 1.19 ^{BC}	10.1 ± 0.45 ^{BC}	11.97 ± 0.57 ^{AB}	12.88 ± 2.06 ^{AB}	11.35 ± 0.91 ^{AB}	12.44 ± 0.61 ^{AB}	13.52 ± 0.51 ^A	10.98 ± 0.15 ^{ABC}	8.56 ± 0.7 ^C
Pentanoic acid	2	7.61 ± 0 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.08 ± 0.19 ^B	0.77 ± 0 ^C
Styrene	8	708.55 ± 59.62 ^A	38.05 ± 6.44 ^B	37.29 ± 5.63 ^B	42.13 ± 1.48 ^B	39.69 ± 9.75 ^B	25.44 ± 2.95 ^B	26.66 ± 4.05 ^B	28.86 ± 1.06 ^B	22.48 ± 0.32 ^B	18.71 ± 0.9 ^B
Heptanal	4	<LOQ	11.31 ± 1.87 ^A	10.22 ± 1.6 ^A	12.79 ± 1.47 ^A	13.68 ± 2.56 ^A	13.42 ± 1.7 ^A	13.07 ± 0.91 ^A	11.06 ± 1.92 ^A	10.5 ± 1.45 ^A	9.79 ± 1.39 ^A
(1-methylethyl)-benzene	8	7.61 ± 0 ^A	1.31 ± 0.33 ^A	1.04 ± 0.16 ^{BC}	1.35 ± 0.37 ^B	1.11 ± 0.05 ^{BC}	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
2-Pinene	2	15.79 ± 3.09 ^A	0.9 ± 0.06 ^B	0.98 ± 0.28 ^B	0.9 ± 0.23 ^B	<LOQ	0.86 ± 0.13 ^B	<LOQ	<LOQ	<LOQ	<LOQ
1-butoxy-2-propanol	1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Dehydrosabinene	2	92.97 ± 1.22 ^A	<LOQ	3.65 ± 0.87 ^B	3.43 ± 0.83 ^{BC}	2.33 ± 0.23 ^{BCD}	2.41 ± 0.11 ^{BCD}	2.84 ± 0.43 ^{BC}	3.32 ± 0.29 ^{BC}	2.02 ± 0.22 ^{BCD}	1.93 ± 0.26 ^{CD}
2-Heptenal	6	<LOQ	0.77 ± 0.12 ^{BC}	0.86 ± 0.1 ^{BC}	0.72 ± 0.08 ^{CD}	1.12 ± 0.11 ^A	0.87 ± 0.07 ^{BC}	0.69 ± 0.07 ^{CD}	1.01 ± 0.12 ^{AB}	<LOQ	0.5 ± 0.05 ^{DE}
Benzaldehyde	6	4.87 ± 0.64 ^A	2.82 ± 0.56 ^B	1.4 ± 0.08 ^C	1.47 ± 0.05 ^C	1.69 ± 0.34 ^C	1.61 ± 0.13 ^C	1.11 ± 0.14 ^C	1.59 ± 0.16 ^C	1.55 ± 0.08 ^C	1.3 ± 0.14 ^C
1-Heptanol	1	0.85 ± 0.09 ^{BCD}	0.64 ± 0.1 ^D	0.77 ± 0.16 ^{CD}	1.43 ± 0.33 ^{AB}	1.02 ± 0.15 ^{BCD}	1.4 ± 0.26 ^{ABC}	1.86 ± 0.37 ^A	1.29 ± 0.24 ^{ABC}	1.19 ± 0.05 ^{BCD}	1.23 ± 0.19 ^{ABCD}
1-Octen-3-ol	3	0.57 ± 0 ^D	5.42 ± 0.38 ^{AB}	5.51 ± 0.66 ^{AB}	5.5 ± 0.41 ^{AB}	4.86 ± 0.69 ^{AB}	5.25 ± 0.18 ^{AB}	5.4 ± 0.1 ^{AB}	5.72 ± 0.1 ^A	4.63 ± 0.07 ^B	3.28 ± 0.18 ^C
2-pentylfuran	8	7.61 ± 0 ^C	7.05 ± 0.81 ^C	11.44 ± 2.27 ^B	16.57 ± 0.78 ^A	8.82 ± 0.73 ^{BC}	17.8 ± 0.26 ^A	17.03 ± 0.89 ^A	18.65 ± 1.16 ^A	16.68 ± 0.9 ^A	3.06 ± 0.43 ^D
Butyl butanoate	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.61 ± 0.42 ^A
Octanal	4	<LOQ	3.86 ± 0.11 ^D	3.98 ± 0.78 ^{CD}	4.94 ± 0.41 ^{ABC}	4.61 ± 0.46 ^{BCD}	5.52 ± 0.24 ^{AB}	4.19 ± 0.24 ^{CD}	5.89 ± 0.11 ^A	4.42 ± 0.08 ^{CD}	2.51 ± 0.36 ^E
3-Carene	2	7.61 ± 0 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.14 ± 0.32 ^B
p-Cymene	2	24.37 ± 3.59 ^A	0.92 ± 0.17 ^B	0.81 ± 0.07 ^B	<LOQ	<LOQ	<LOQ	<LOQ	0.83 ± 0.06 ^B	<LOQ	<LOQ
D-Limonene	5	0.21 ± 0 ^D	5.41 ± 0.5 ^C	9.06 ± 0.85 ^{AB}	9.25 ± 0.67 ^{AB}	6.14 ± 0.53 ^C	9.17 ± 0.52 ^{AB}	8.61 ± 1.38	10.17 ± 0.25 ^A	8.76 ± 0.76 ^{AB}	7.3 ± 0.35 ^{CD}
Benzenemethanol	1	1.37 ± 0.19 ^A	<LOQ	<LOQ	0.99 ± 0.17 ^{AB}	0.9 ± 0.16 ^{BC}	1.11 ± 0.19 ^{AB}	1.09 ± 0.12 ^{AB}	1.14 ± 0.18 ^{AB}	1 ± 0.07 ^{AB}	1.14 ± 0.12 ^{AB}
3-Octen-2-one	7	0.6 ± 0.1 ^C	1.03 ± 0.13 ^A	1.06 ± 0.12 ^A	1 ± 0.1 ^A	0.99 ± 0.16 ^A	1.03 ± 0.06 ^A	0.87 ± 0.05 ^{ABC}	1.09 ± 0.08 ^A	0.93 ± 0.05 ^{AB}	0.69 ± 0.09 ^{BC}
Benzeneacetaldehyde	4	<LOQ	2.14 ± 0.09 ^{CD}	2.01 ± 0.1 ^{CDE}	1.53 ± 0.22 ^{DE}	1.48 ± 0.21 ^E	2.46 ± 0.28 ^C	5.65 ± 0.13 ^A	1.73 ± 0.07 ^{DE}	3.98 ± 0.03 ^B	5.23 ± 0.56 ^A
2-Octenal	6	3.22 ± 0.27 ^B	2.97 ± 0.16 ^{BC}	2.56 ± 0.41 ^{BCD}	1.92 ± 0.21 ^{DE}	4.27 ± 0.4 ^A	3.02 ± 0.11 ^{BC}	1.77 ± 0.12 ^{EF}	4.07 ± 0.07 ^A	2.5 ± 0.11 ^{CD}	1.22 ± 0.23 ^F
Acetophenone	7	<LOQ	0.72 ± 0.13 ^A	0.59 ± 0.07 ^{ABC}	0.5 ± 0.06 ^{BC}	0.63 ± 0.11 ^{AB}	0.59 ± 0.06 ^{ABC}	0.43 ± 0.06 ^{BC}	0.5 ± 0.02 ^{BC}	0.54 ± 0.06 ^{ABC}	0.6 ± 0.08 ^{ABC}
1-Octanol	1	2.19 ± 0.28 ^B	2.59 ± 0.22 ^{AB}	2.59 ± 0.52 ^{AB}	2.43 ± 0.33 ^{AB}	3.34 ± 0.55 ^A	3.31 ± 0.41 ^A	2.56 ± 0.23 ^{AB}	2.6 ± 0.19 ^{AB}	2.34 ± 0.28 ^{AB}	2.69 ± 0.41 ^{AB}
Nonanal	4	737.15 ± 20.26 ^A	78.63 ± 9.02 ^{BC}	83.13 ± 5.71 ^B	52.97 ± 16.66 ^{CD}	67.4 ± 1.76 ^{BCD}	70.25 ± 3.23 ^{BCD}	55.45 ± 3.09 ^{CD}	57.63 ± 3.5 ^{BCD}	54.78 ± 3.62 ^{CD}	47.24 ± 1.56 ^D
Benzeneethanol	1	1.67 ± 0.34 ^B	<LOQ	<LOQ	<LOQ	1.28 ± 0.26 ^B	<LOQ	<LOQ	<LOQ	<LOQ	3.43 ± 0.32 ^A
2-Nonenal	6	11.14 ± 1.81 ^A	2.55 ± 0.21 ^B	4.11 ± 0.32 ^B	2.93 ± 0.82 ^B	2.64 ± 0.34 ^B	3.07 ± 0.09 ^B	3.01 ± 0.04 ^B	2.93 ± 0.1 ^B	2.87 ± 0.01 ^B	2.83 ± 0.11 ^B
2-methyl-undecane	8	<LOQ	1.24 ± 0.16 ^B	1.91 ± 0.45 ^A	1.44 ± 0.32 ^{AB}	1.7 ± 0.37 ^{AB}	1.58 ± 0.04 ^{AB}	1.75 ± 0.13 ^{AB}	1.76 ± 0.13 ^{AB}	1.39 ± 0.07 ^{AB}	1.23 ± 0.09 ^B
3-methyl-undecane	8	<LOQ	2.7 ± 0.42 ^C	3.34 ± 0.28 ^{BC}	3.67 ± 0.84 ^{ABC}	3.76 ± 0.47 ^{AB}	4.26 ± 0.1 ^{AB}	4.5 ± 0.07 ^A	4.48 ± 0.12 ^A	3.69 ± 0.04 ^{ABC}	3.88 ± 0.19 ^{AB}
p-menthan-3-ol	1	0.54 ± 0 ^A	<LOQ	<LOQ	<LOQ	0.54 ± 0 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Naphthalene	8	<LOQ	1.13 ± 0.16 ^C	1.55 ± 0.25 ^{ABC}	1.52 ± 0.26 ^{ABC}	1.33 ± 0.09 ^{BC}	1.45 ± 0.1 ^{ABC}	1.63 ± 0.03 ^{AB}	1.85 ± 0.17 ^A	1.46 ± 0.19 ^{ABC}	1.31 ± 0.1 ^{BC}
1-Dodecene	8	<LOQ	0.9 ± 0.08 ^{CD}	1.2 ± 0.25 ^{BC}	1.29 ± 0.26 ^{BC}	1.52 ± 0.32 ^{AB}	1.35 ± 0.07 ^{ABC}	<LOQ	1.78 ± 0.12 ^A	1.25 ± 0.08 ^{BC}	1.32 ± 0.1 ^{ABC}
Bornyl acetate	2	39.45 ± 2.38 ^A	<LOQ	<LOQ	2.27 ± 0.21 ^B	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
Heptylcyclohexane	8	<LOQ	1.64 ± 0.12 ^{AB}	1.46 ± 0.26 ^B	1.39 ± 0.2 ^B	2 ± 0.33 ^A	1.48 ± 0.08 ^{AB}	1.48 ± 0.16 ^{AB}	1.92 ± 0.11 ^{AB}	1.45 ± 0.25 ^B	1.4 ± 0.11 ^B
Y-nonalactone	7	1.18 ± 0.24 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
n-Decanoic acid	2	7.61 ± 0 ^C	<LOQ	28.66 ± 4.45 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	20.54 ± 1.62 ^B	19.53 ± 1.84 ^B
cis- α -Bergamotene	5	3.06 ± 0.28 ^A	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ
1-Pentadecene	8	7.61 ± 0 ^A	6.58 ± 1.08 ^{AB}	5.92 ± 0.38 ^{ABC}	5.18 ± 0.54 ^{BCD}	3.56 ± 0.53 ^D	<LOQ	4.86 ± 0.97 ^{BCD}	6.41 ± 0.35 ^{ABC}	4.65 ± 0.85 ^{CD}	5.23 ± 0.76 ^{BCD}
3-methyl-pentadecane	8	48.02 ± 3.36 ^A	3.88 ± 0.79 ^B	3.19 ± 0.31 ^B	2.73 ± 0.08 ^B	3.43 ± 0.25 ^B	3.31 ± 0.23 ^B	3.27 ± 0.11 ^B	3.61 ± 0.26 ^B	2.97 ± 0.15 ^B	3.64 ± 0.2 ^B

Hexadecanoic acid	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.64 ± 0.14 ^A	<LOQ	<LOQ	1.98 ± 0.5 ^A
Ethyl palmitate	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.12 ± 0.61 ^{CD}	1.34 ± 0.27 ^D	5.2 ± 0.49 ^{BC}	12.24 ± 2.94 ^A
Ethyl cis,cis-9,12-octadecadienoate	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.15 ± 0.24 ^{BC}	1.42 ± 0.19 ^{BC}	2.15 ± 0.16 ^B	6.57 ± 1.36 ^A
(E)-9-octadecenoic acid ethyl ester	2	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	2.2 ± 0.56 ^A

Compounds used for quantification: 1: 2-heptanol; 2: Cumene; 3: 1-Octen-3-ol; 4: Octanal; 5: Limonene; 6: Trans-2-octenal; 7: Acetophenone; 8: Naphthalene.

Figure S1. Changes in the concentration of hexanal (A), nonanal (B), 2-hexenal (C), and 2-heptenal (D) during germination of IWG for 2, 4 and 6 days at 10, 15, and 20 °C

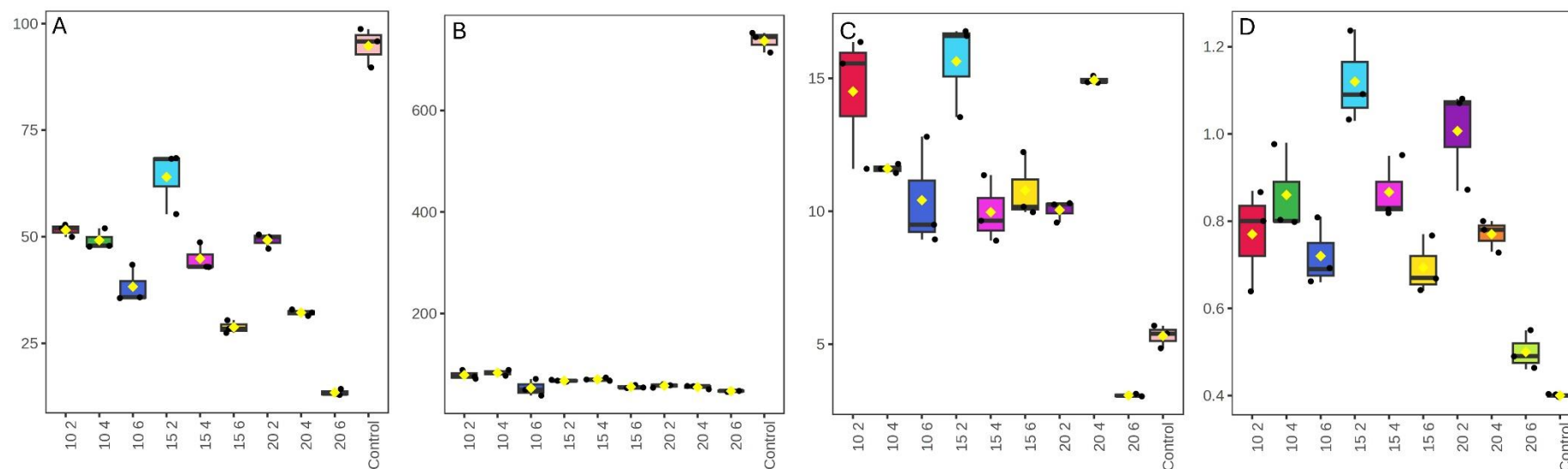


Figure S2. Variation of 1-pentanol (A), 1-hexanol (B), and 1-octenol (C) during the germination of IWG for 2, 4, and 6 days at 10 °C, 15 °C, and 20°C

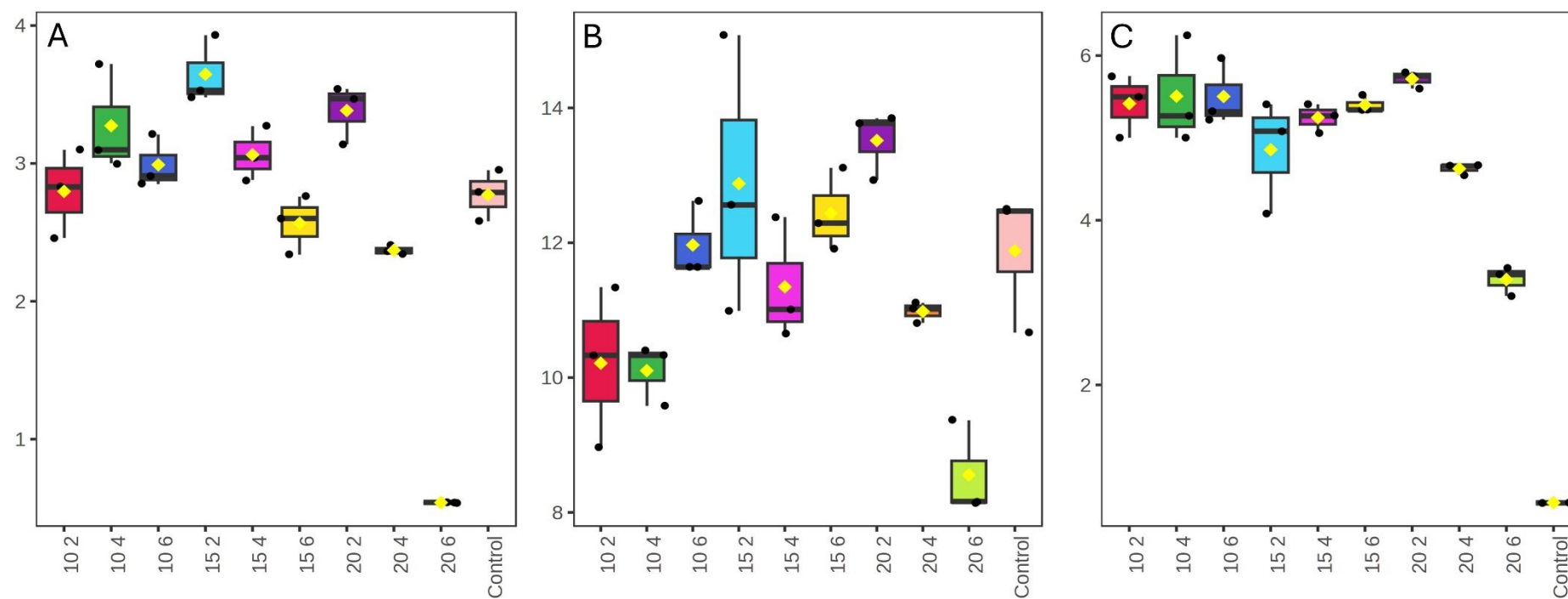


Table S3. Correlation between unsaturated fatty acids and volatiles compounds quantified in IWG samples

Compounds	Pearson correlation (r)			p-value		
	C18:3 n-3	C18:1 cis	C18:2 n-6	C18:3 n-3	C18:1 cis	C18:2 n-6
1-Pentadecene	0.02	0.18	0.20	0.926	0.342	0.300
3-methyl-butanoic	-0.19	0.20	0.27	0.304	0.285	0.156
Benzenemethanol	-0.30	-0.01	0.05	0.103	0.953	0.810
Hexanal	0.38	0.65	0.60	0.039	0.000	0.000
Benzaldehyde	0.18	0.51	0.52	0.339	0.004	0.003
2-Nonenal	0.30	0.62	0.66	0.105	0.000	0.000
(1-methylethyl)-be	0.18	0.51	0.54	0.330	0.004	0.002
Ethylbenzene	0.23	0.57	0.61	0.228	0.001	0.000
Styrene	0.18	0.53	0.57	0.331	0.002	0.001
Nonanal	0.19	0.55	0.58	0.306	0.002	0.001
3-Carene	0.14	0.51	0.54	0.462	0.004	0.002
2-Pinene	0.19	0.54	0.58	0.320	0.002	0.001
Y-nonalactone	0.19	0.55	0.59	0.319	0.002	0.001
Pentanoic acid	0.14	0.51	0.54	0.450	0.004	0.002
p-Cymene	0.15	0.51	0.54	0.426	0.004	0.002
3-methyl-pentadeca	0.14	0.50	0.54	0.446	0.005	0.002
Bornyl acetate	0.16	0.51	0.54	0.389	0.004	0.002
Dehydrosabinene	0.17	0.53	0.56	0.359	0.003	0.001
cis-.alpha.-Bergam	0.17	0.53	0.57	0.363	0.002	0.001
4-hydroxy-4-methyl	-0.05	-0.05	-0.11	0.785	0.779	0.577
1-butoxy-2-propano	-0.02	-0.19	-0.19	0.900	0.304	0.313
1-Hexanol	0.04	0.10	0.03	0.832	0.608	0.861
1-Pentanol	0.46	0.36	0.27	0.010	0.054	0.143
2-Octenal	0.13	0.40	0.27	0.477	0.030	0.146
3-methyl-undecane	-0.21	-0.46	-0.50	0.262	0.010	0.005
D-Limonene	-0.10	-0.44	-0.46	0.614	0.015	0.010

Naphthalene	-0.08	-0.36	-0.40	0.683	0.054	0.031
Heptanal	-0.11	-0.48	-0.54	0.553	0.008	0.002
Heptylcyclohexane	-0.09	-0.25	-0.34	0.648	0.182	0.069
2-methyl-undecane	0.13	-0.16	-0.24	0.487	0.409	0.201
1-Octen-3-ol	0.05	-0.36	-0.41	0.773	0.053	0.023
Octanal	0.00	-0.29	-0.36	0.984	0.121	0.050
1-Dodecene	0.02	0.01	-0.10	0.899	0.967	0.611
Acetophenone	0.23	0.07	0.03	0.224	0.721	0.856
1-Octanol	0.05	0.01	-0.05	0.784	0.979	0.786
2-pentylfuran	-0.01	-0.20	-0.22	0.949	0.290	0.249
2-Hexenal	0.05	-0.12	-0.19	0.800	0.523	0.309
2-Heptenal	0.20	0.06	-0.07	0.300	0.750	0.731
3-Octen-2-one	0.30	0.03	-0.05	0.113	0.873	0.779
5-methyl-2-hexanon	-0.58	-0.40	-0.39	0.001	0.028	0.033
Benzeneacetaldehyd	-0.44	-0.51	-0.46	0.015	0.004	0.010
1-Heptanol	-0.21	-0.33	-0.32	0.258	0.078	0.087
Hexadecanoic acid	-0.43	-0.43	-0.35	0.019	0.019	0.061
3-methyl-1-Butanol	-0.42	-0.41	-0.33	0.020	0.025	0.075
2,3-Butanediol	-0.43	-0.34	-0.28	0.017	0.066	0.128
Butyl butanoate	-0.31	-0.21	-0.17	0.099	0.274	0.366
(E)-9-octadecenoic	-0.33	-0.24	-0.19	0.072	0.194	0.308
Ethyl palmitate	-0.45	-0.33	-0.28	0.014	0.077	0.134
Ethyl cis,cis-9,12	-0.39	-0.28	-0.23	0.033	0.133	0.216
Benzeneethanol	-0.23	0.01	0.06	0.226	0.978	0.751
n-Decanoic acid	0.19	0.19	0.23	0.311	0.310	0.221

* Values in bold represent correlation higher than 0.5 and p-value lower than 0.05.