

5 Maggio 2025

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X A

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Dipartimenti NEUROFARBA-DAGRI, Università degli Studi di Firenze



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FIRENZE

MontEspertOlio



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N XX XN" N A A N"X




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DAGRI
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE AGRARIE,
ALIMENTARI, AMBIENTALI E FORESTALI



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DIPARTIMENTO DI NEUROSCIENZE,
PSICOLOGIA, AREA DEL FARMACO
E SALUTE DEL BAMBINO



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A X SX



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NA A X





A A N'' N'' XX X A

-  Acidità
-  Perossidi
-  Indici spettrofotometrici
-  Composti fenolici (HPLC)
-  Composti volatili (HS-SPME-GC-MS)
-  Tocoferoli
-  Assaggio

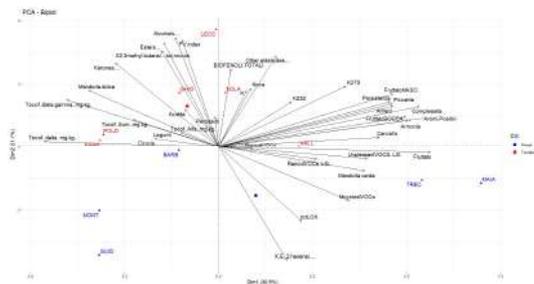




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Acidità (%a.oleico)	Perossidi (meqO2/kg)	K232	K270	ΔK	Tocoferoli			
					Delta (mg/kg)	beta + gamma (mg/kg)	alfa (mg/kg)	somma (mg/kg)
0.23 ± 0.03	5.3 ± 1.2	1.70 ± 0.07	0.13 ± 0.01	0.004 ± 0.001	2.4 ± 1.4	46.8 ± 16.7	320.9 ± 46.1	370.1 ± 57.7

Fenoli totali (mg/kg)	E-2-esenale (mg/kg)	VOCs della LOX totali (mg/kg)	Fruttato	Amaro	Piccante
540 ± 75	38 ± 15	43 ± 17	4.4	3.7	4.8





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TORRE BIANCA



MAGGI



28-29 Ottobre
2024



>> Moraiolo
Frantoio, Leccino
90%



A A N'' N'' XX X A

-  Acidità
-  Perossidi
-  Indici spettrofotometrici
-  Composti fenolici (HPLC)
-  Composti volatili (HS-SPME-GC-MS)
-  Tocoferoli
-  Assaggio





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Acidità (%a.oleico)	Perossidi (meqO2/kg)	K232	K270	ΔK	Tocoferoli			
					Delta (mg/kg)	beta + gamma (mg/kg)	alfa (mg/kg)	somma (mg/kg)
0.20 ± 0.04	6.2 ± 1.4	1.72 ± 0.05	0.15 ± 0.02	0.002 ± 0.000	1.2 ± 1.5	31.6 ± 9.2	302.8 ± 72.3	335.6 ± 79.5
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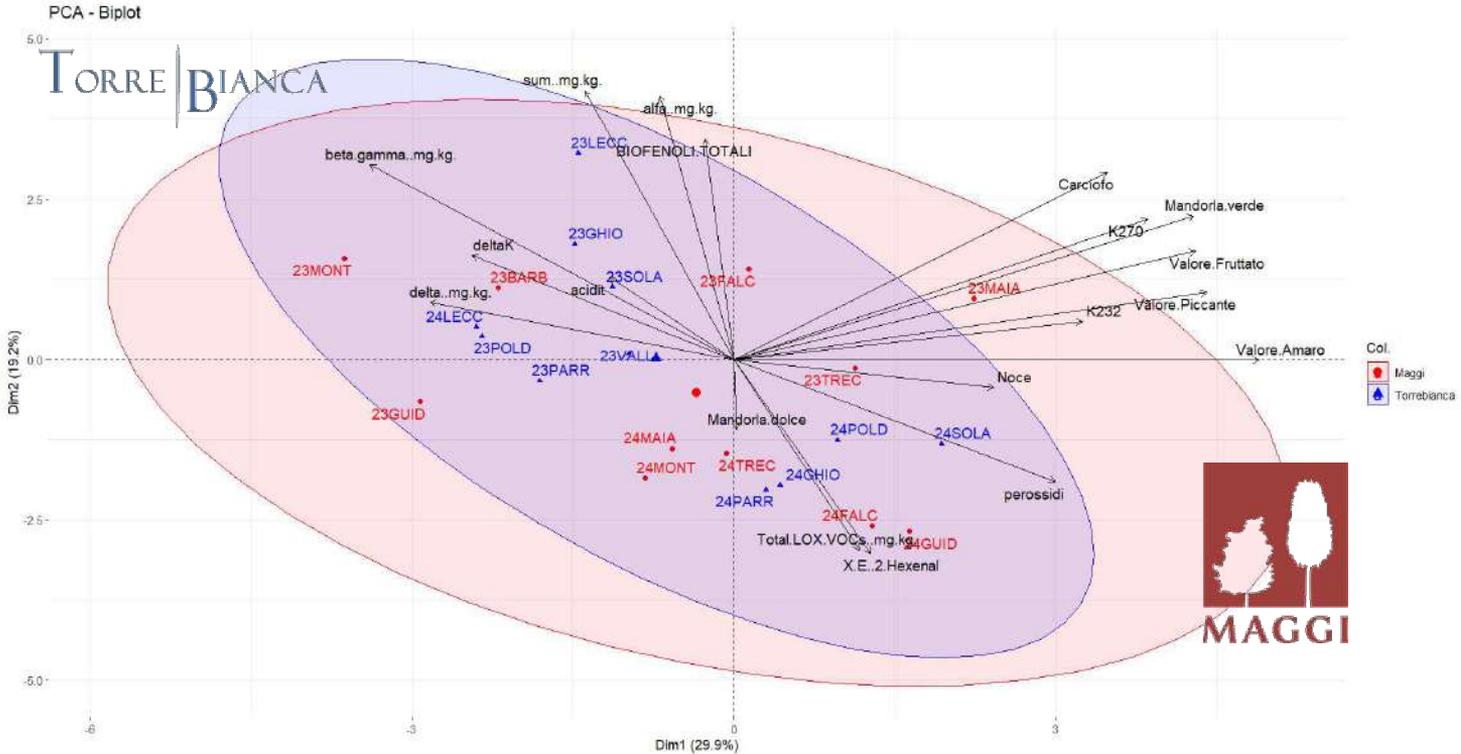
Fenoli totali (mg/kg)	E-2-esenale (mg/kg)	VOCs della LOX totali (mg/kg)	Fruttato	Amaro	Piccante
446 ± 72	52 ± 8	58 ± 9	4.4	4.6	5.2
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* Rispetto ai valori del 2023



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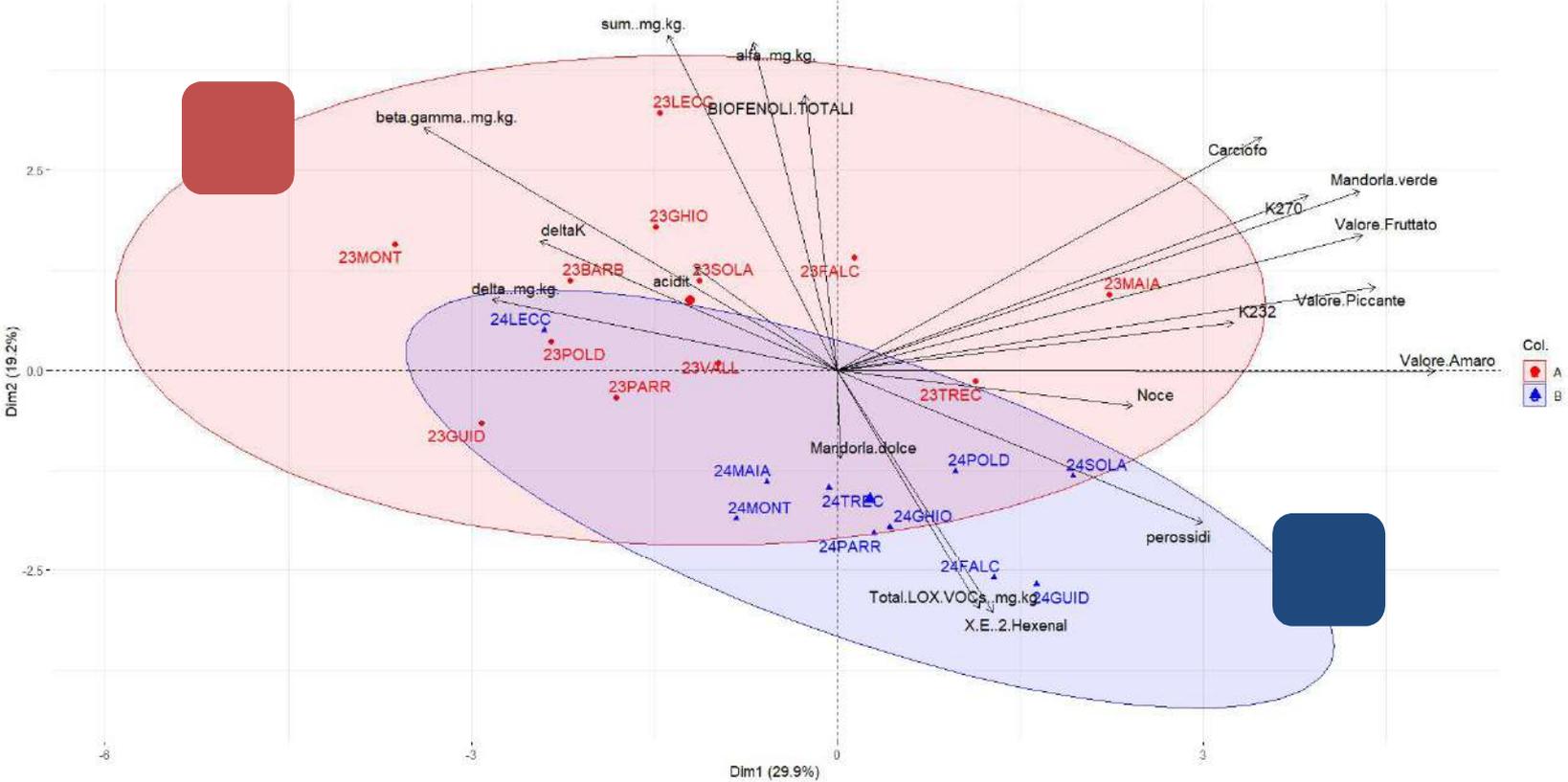


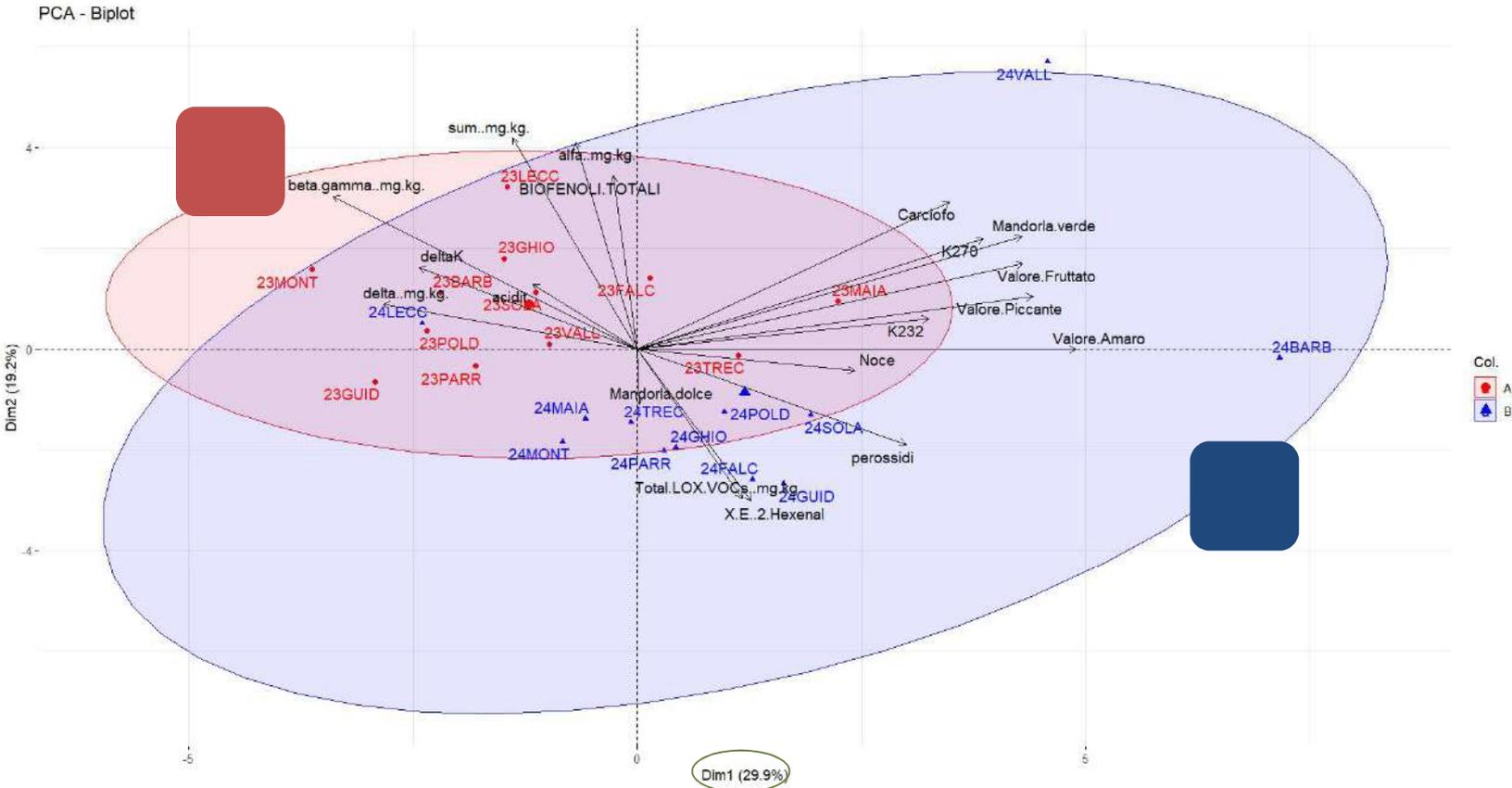


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PCA - Biplot







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	Acidità (0.8)	Perossidi (20)	K232 (2.5)	K270 (0.22)	deltaK (0.01)	Tocoferoli (mg/kg)			
						delta	beta + gamma	alfa	somma
MEDIA 23-24	0.22 ± 0.03	5.7 ± 1.3	1.71 ± 0.06	0.14 ± 0.02	0.003 ± 0.001	1.8 ± 1.5	39.2 ± 15.3	311.8 ± 60.0	352.8 ± 70.2
2023	0.23 ± 0.03	5.3 ± 1.2	1.70 ± 0.07	0.13 ± 0.01	0.004 ± 0.001	2.4 ± 1.4	46.8 ± 16.7	320.9 ± 46.1	370.1 ± 57.7
2024	0.20 ± 0.04	6.2 ± 1.4	1.72 ± 0.05	0.15 ± 0.02	0.002 ± 0.000	1.2 ± 1.5	31.6 ± 9.2	302.8 ± 72.3	335.6 ± 79.5

	Fenoli totali (mg/kg)	Valore Amaro	Valore Piccante	Total LOX VOCs (mg/kg)	Valore Frustrato
MEDIA 23-24	493 ± 87	4.2	5.0	50.2 ± 15.3	4.42
2023	446 ± 72	3.7	4.8	42.9 ± 16.9	4.40
2024	540 ± 75	4.6	5.2	57.5 ± 9.3	4.43



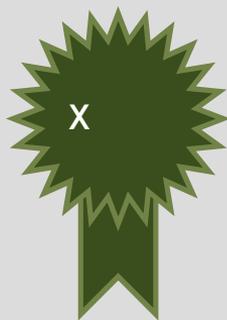
S N A

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Alto contenuto
FENOLICO
~ 500 mg/kg

Aromi positivi
E-2-esenale

Nome:

S N A

X

Indirizzo:

X X

Data di nascita:

A X X A

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ruttato: MEDIO

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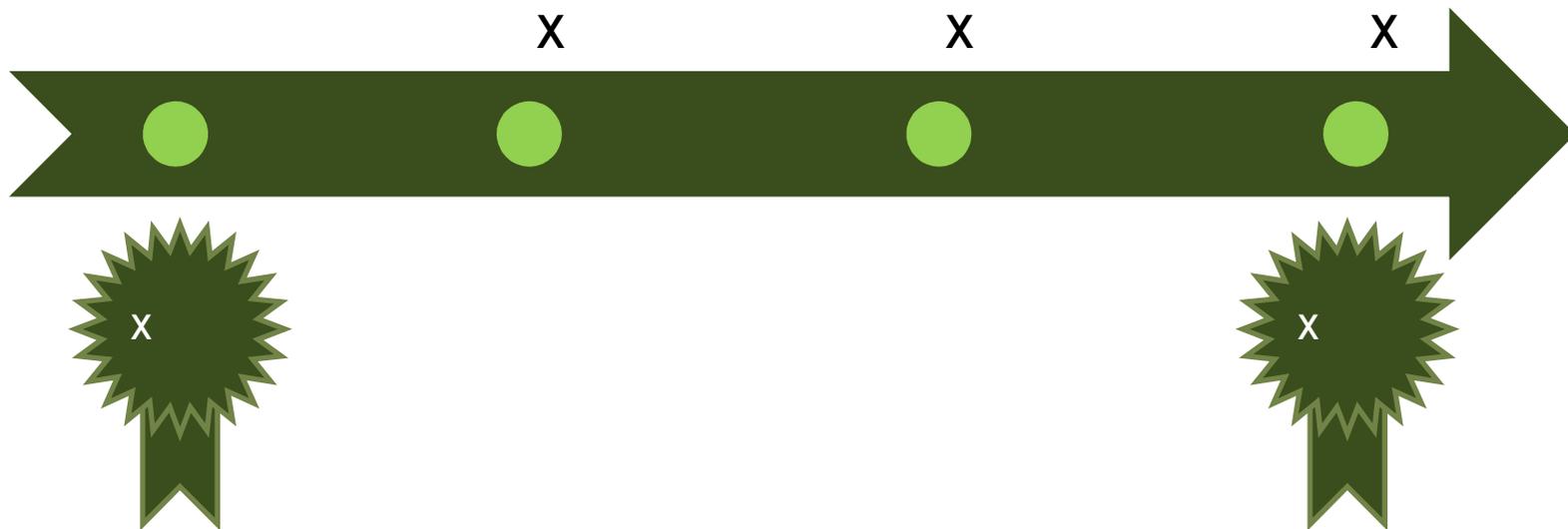
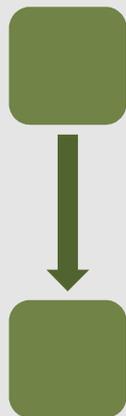
amaro: MEDIO



piccante: MEDIO

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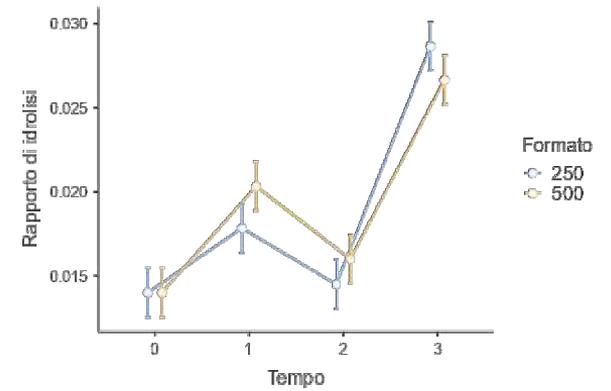
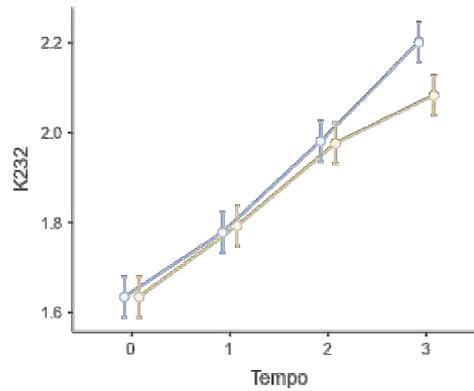
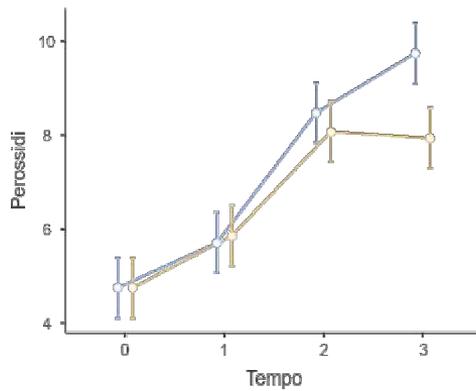




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Formato
○ 250
○ 500

N N

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