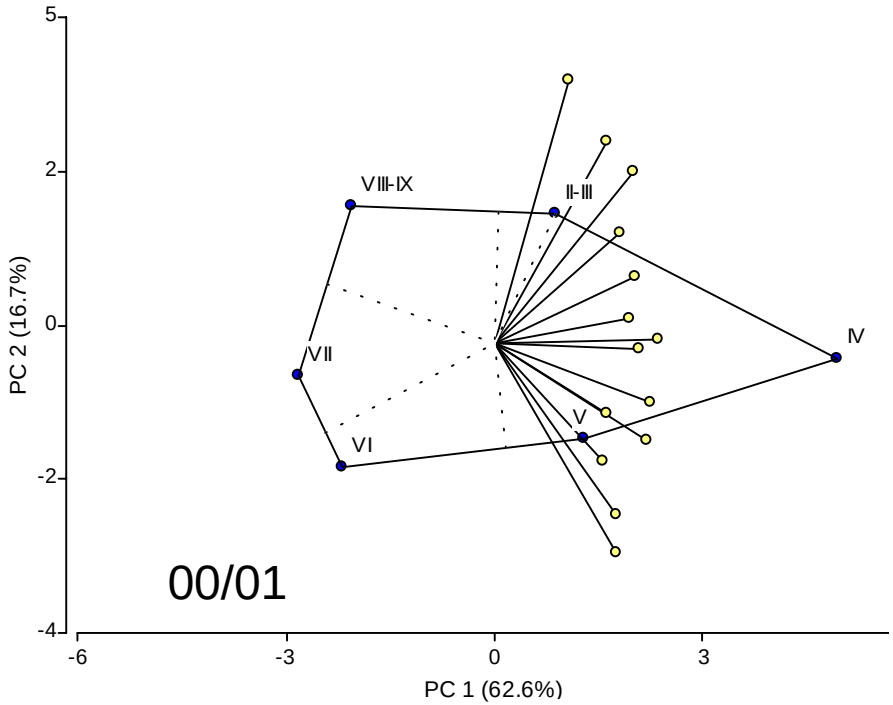
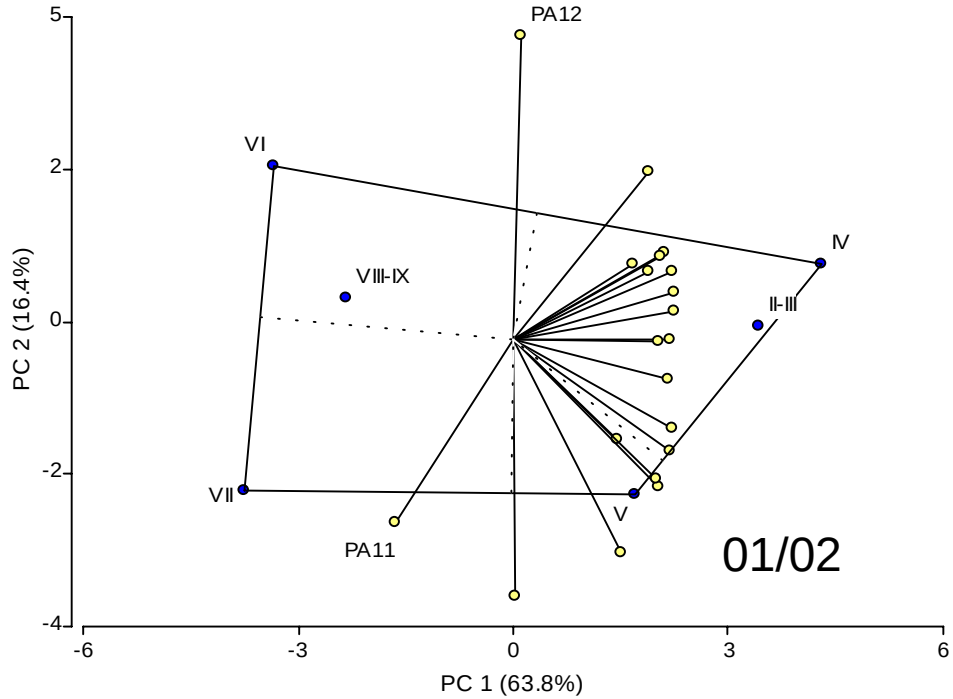
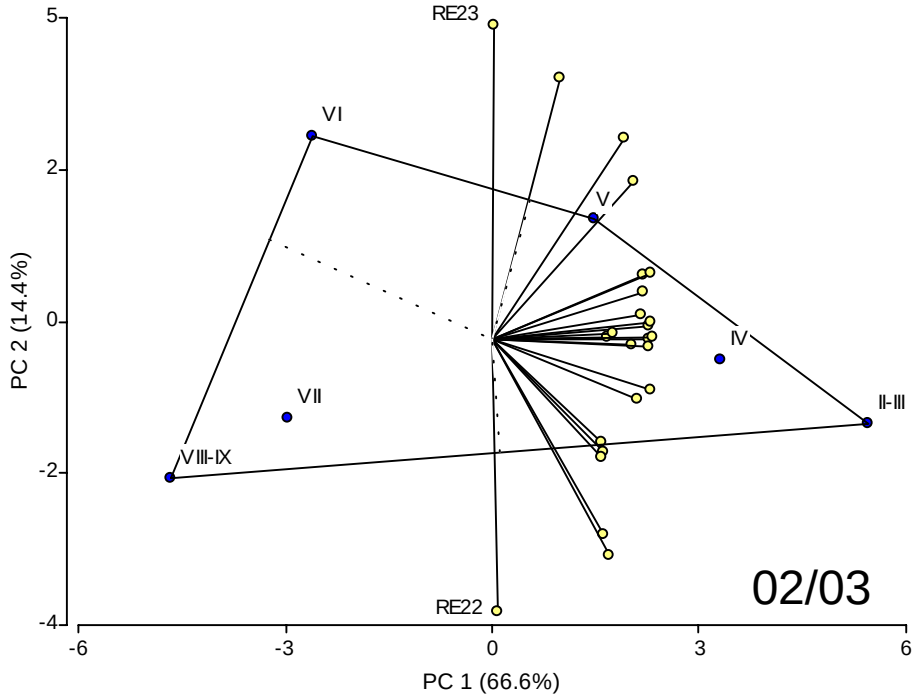

MANEJO DE LA SOJA Y SU
RELACIÓN CON LA
CALIDAD NUTRICIONAL

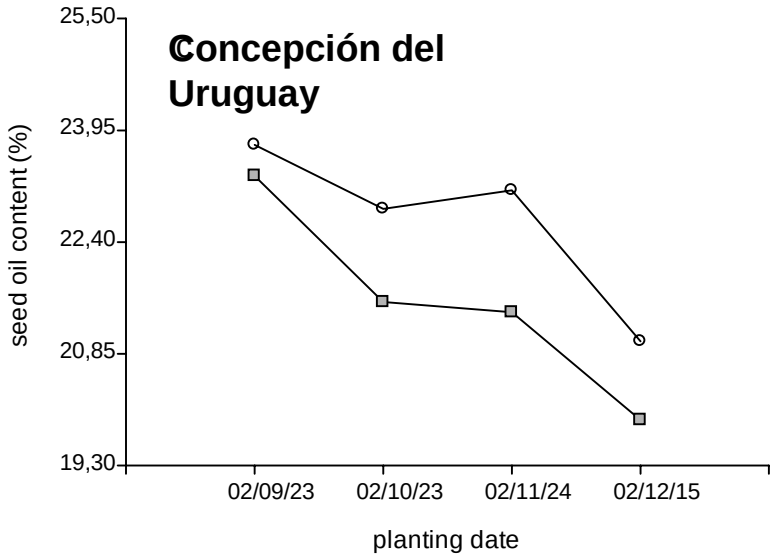






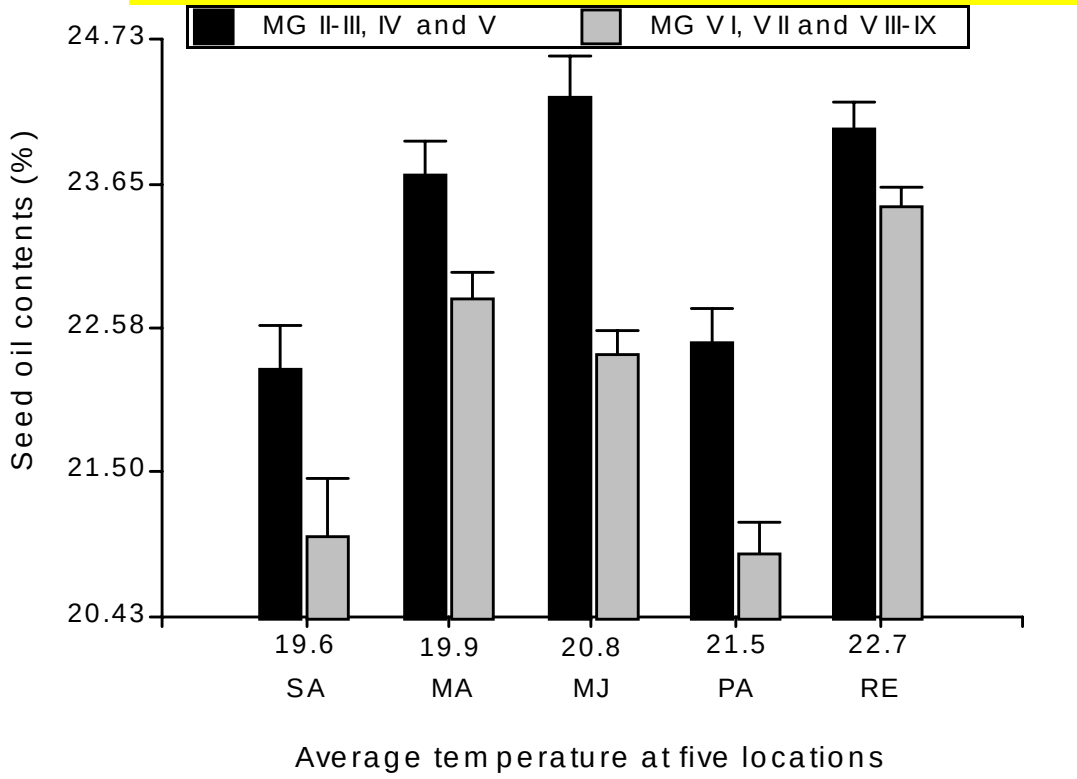
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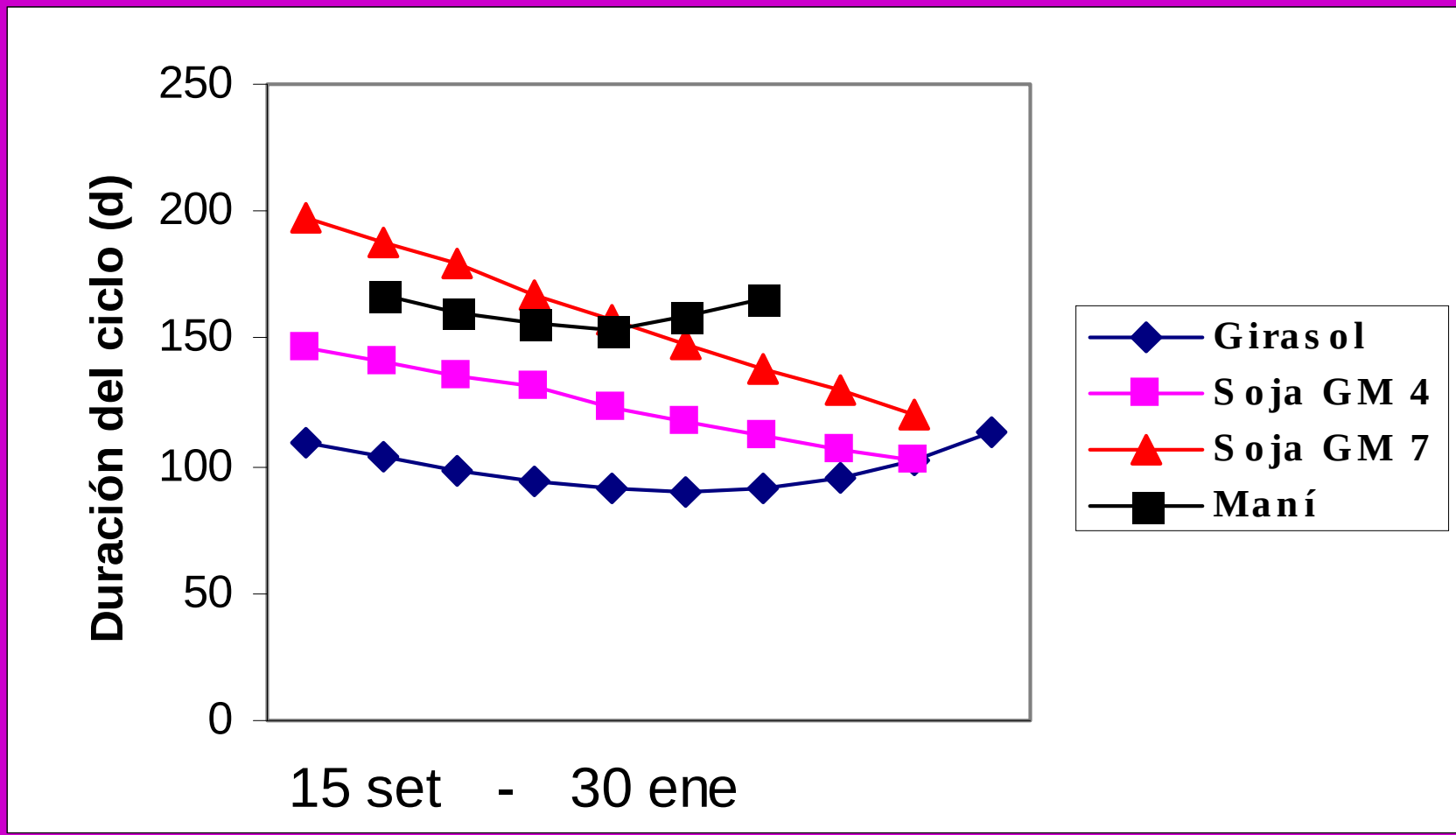


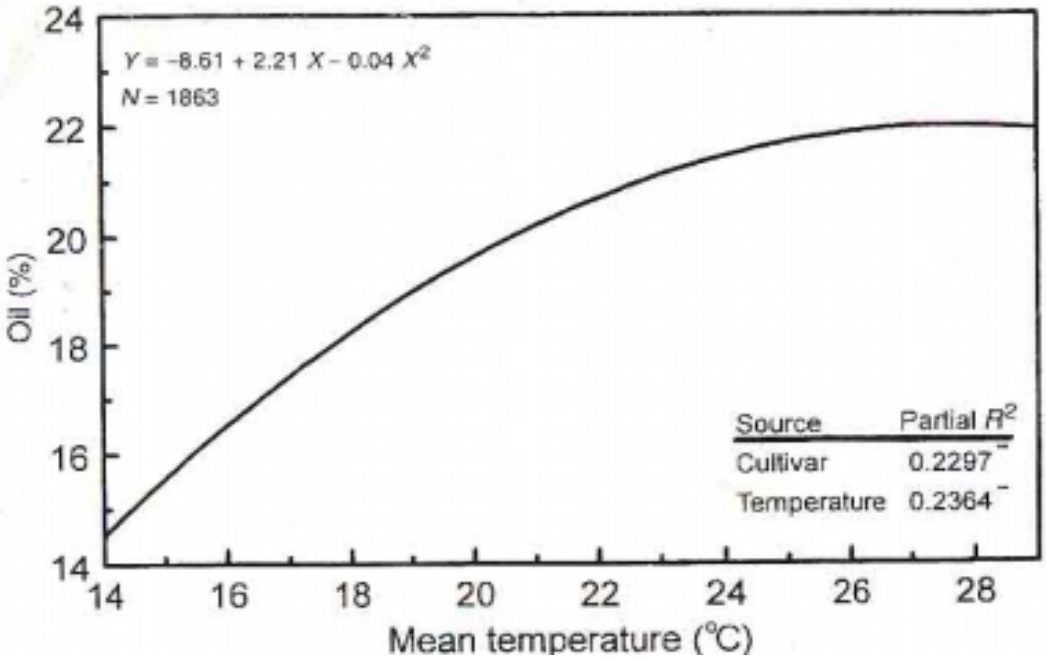
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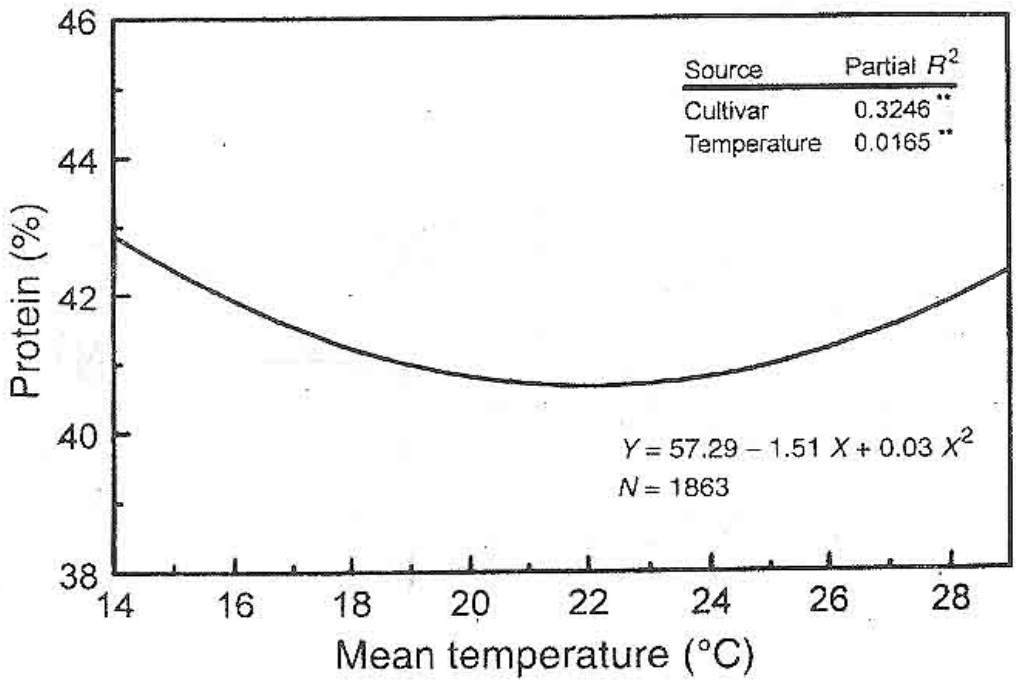
Localidad



Duración del ciclo simulado en Manfredi (Cba) para diferentes fechas de siembra, usando datos meteorológicos de la serie 1960-1999





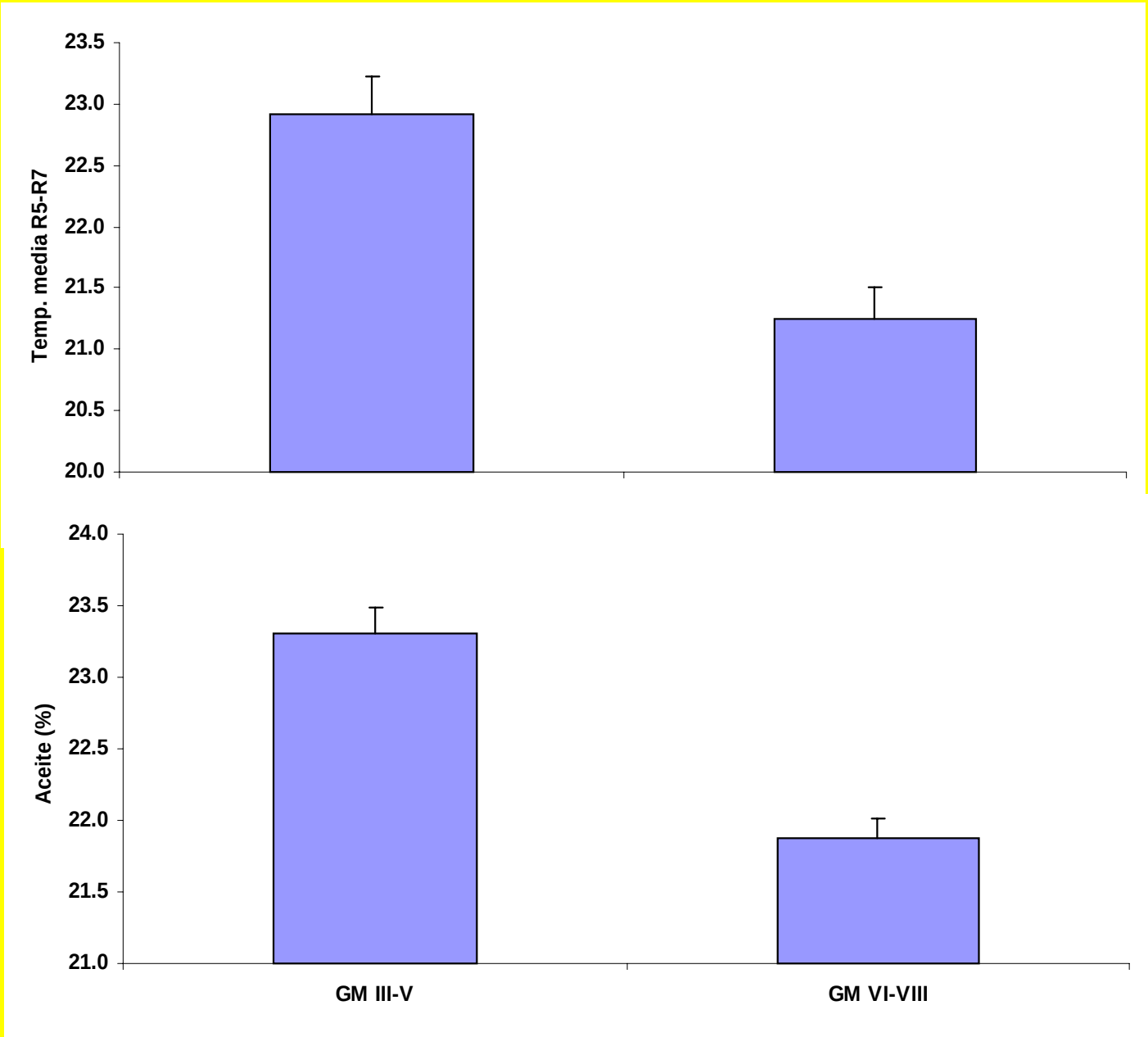


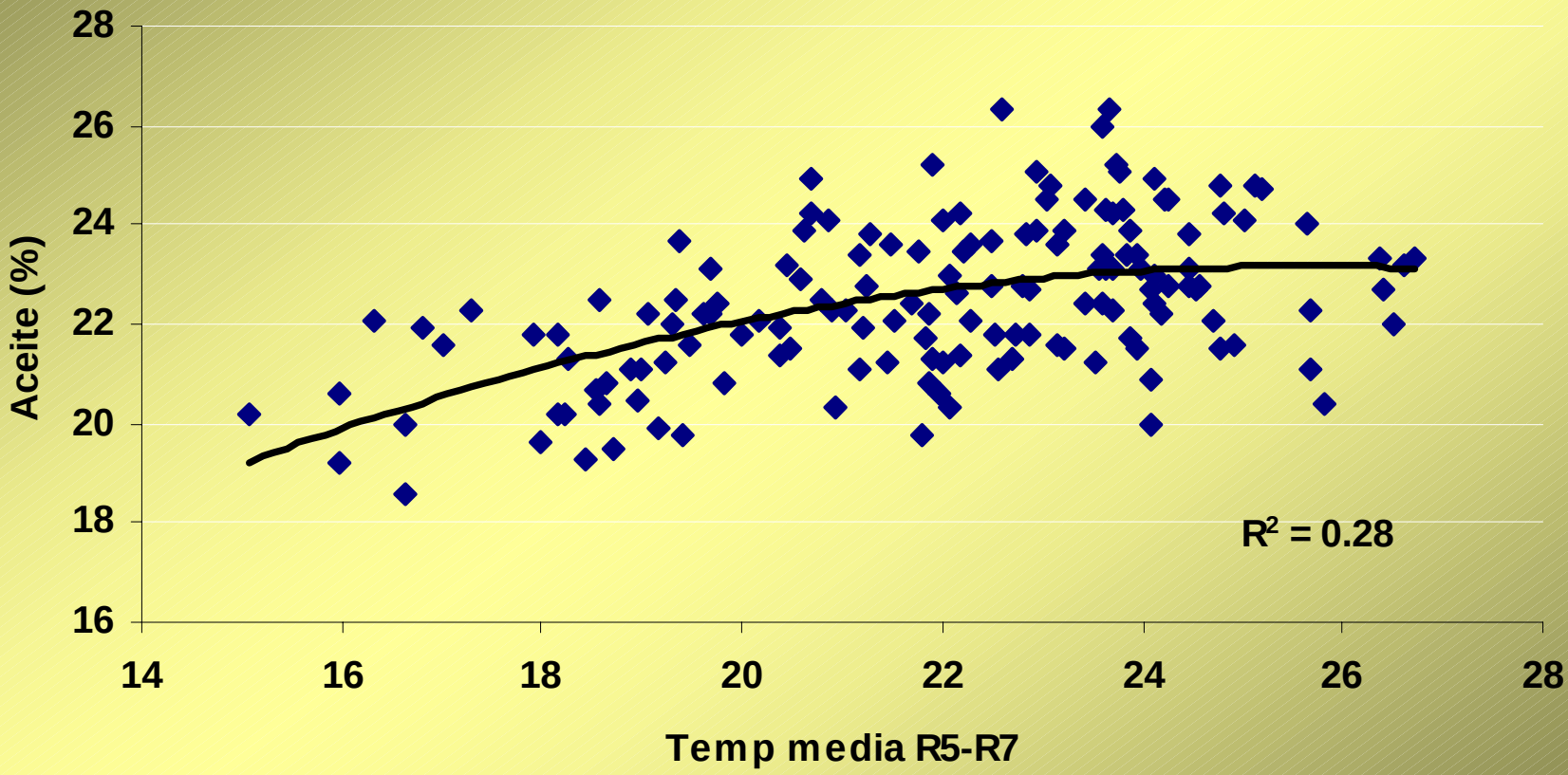
Piper and Boote, 1999

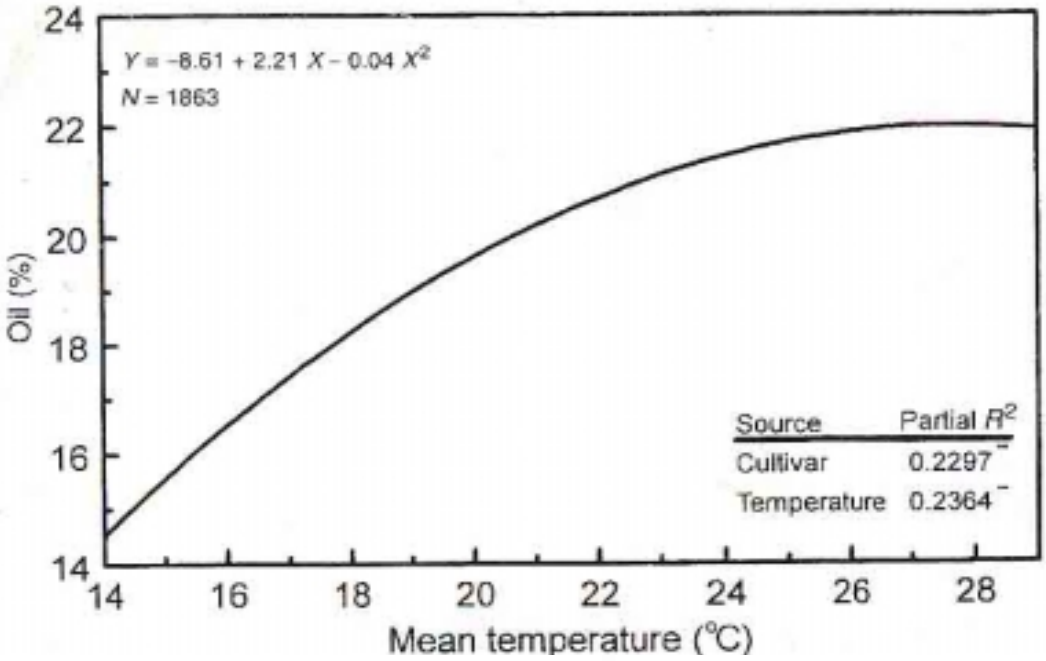
Rangos en nuestro estudio: 15 a 27°C

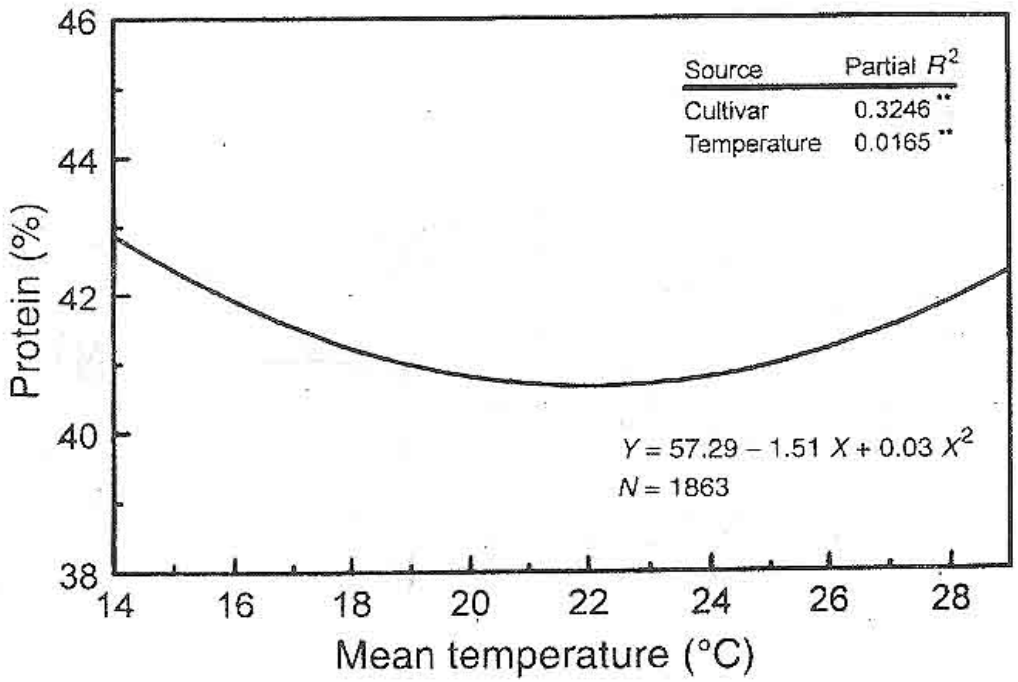
	GM III-V	GM VI-VIII
Rendimiento (media y error std)	**2683** ±182	**2978** ±103
Rango Rend.	**1197-5170**	**981-4926**
Rango % aceite	**20,2-26,3**	**18,9-24,4**
Rango % proteína	**34,1-42,0**	**34,7-45,4**

n=154


Temp. media R5-R7
23.5
23.0
22.5
22.0
21.5
21.0
20.5
20.0
Aceite (%)
24.0
23.5
23.0
22.5
22.0
21.5
21.0
GM III-V
GM VI-VIII

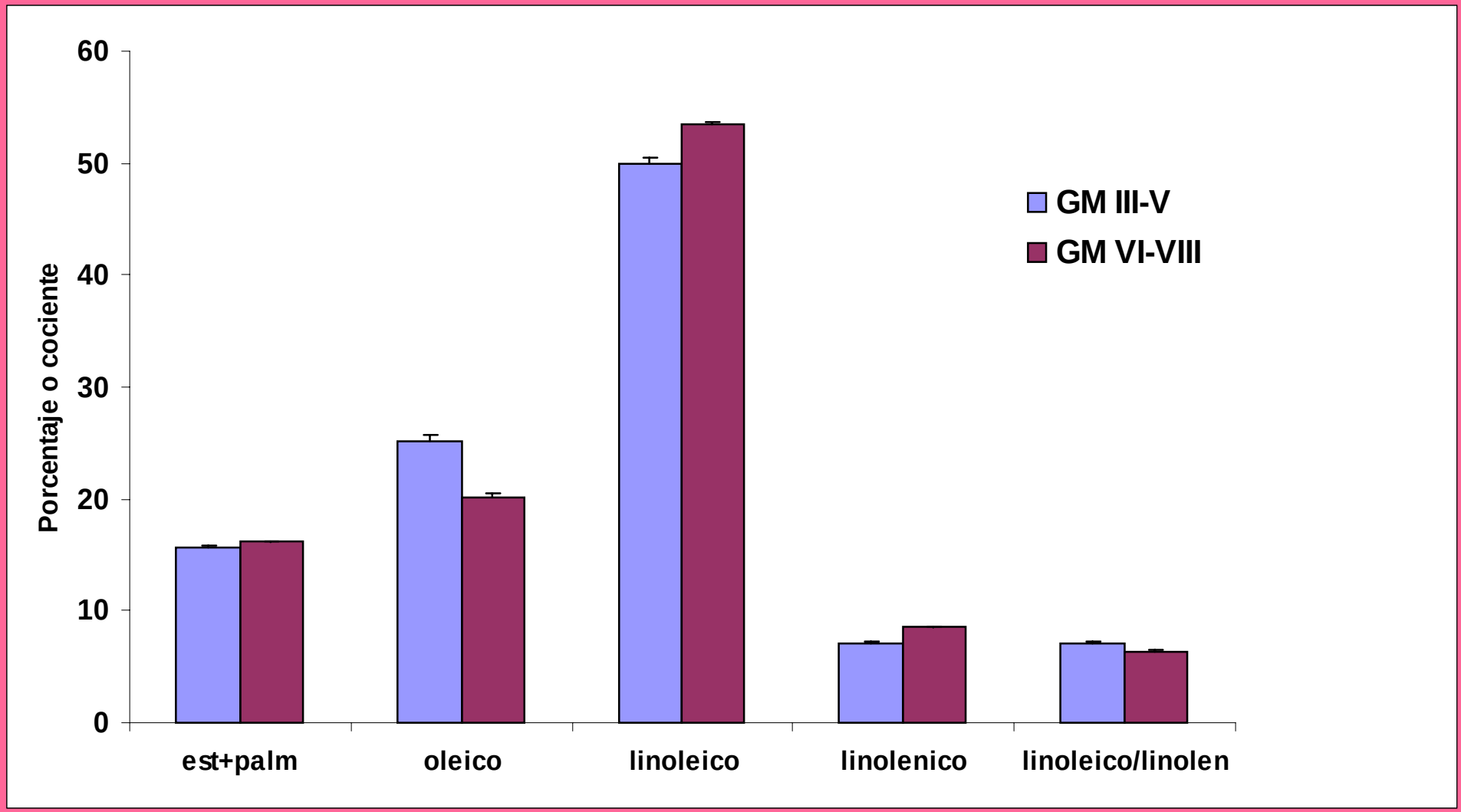

28
26
24
22
20
18
16
Aceite (%)
14
16
18
20
22
24
26
28
Temp media R5-R7
R2 = 0.28

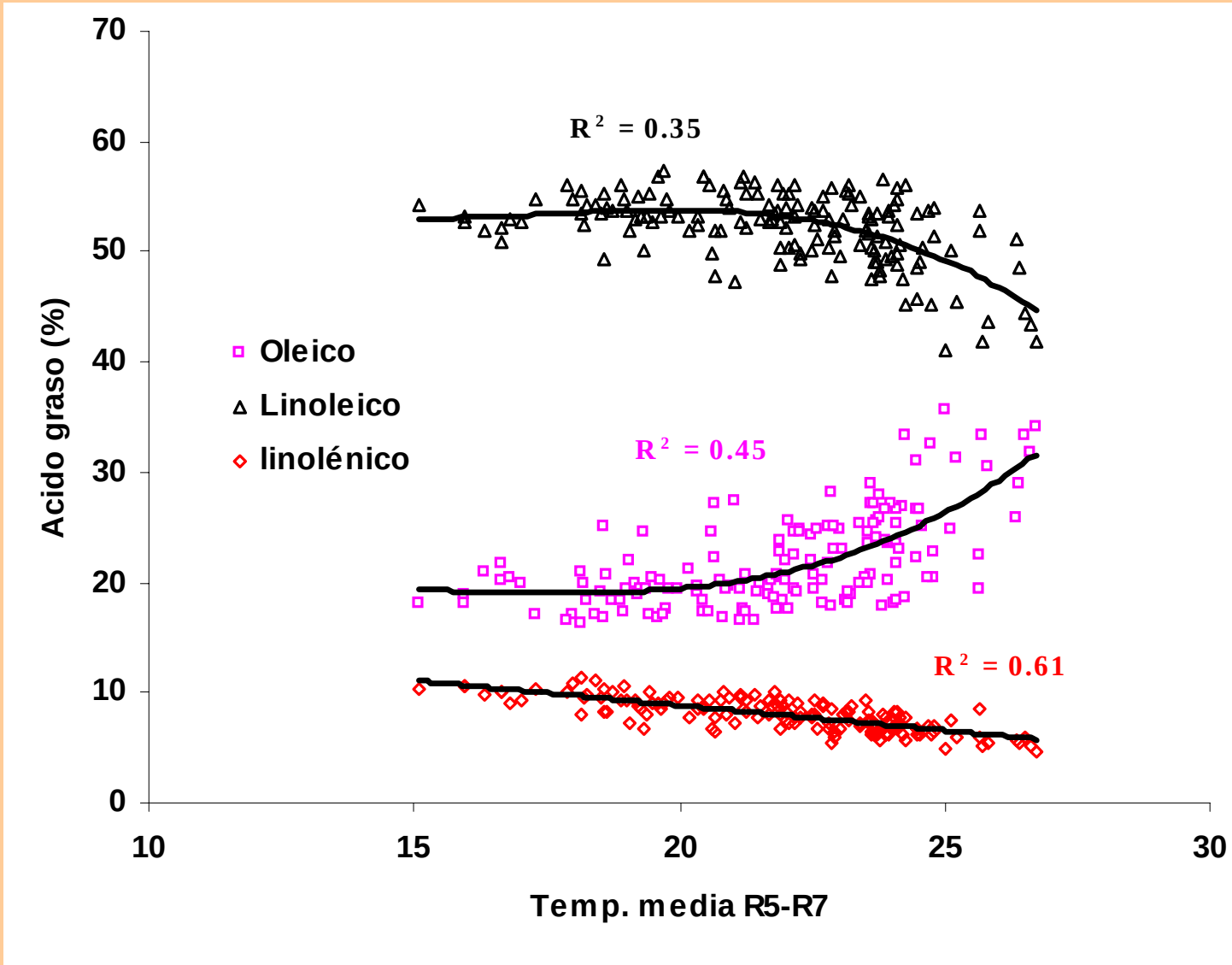




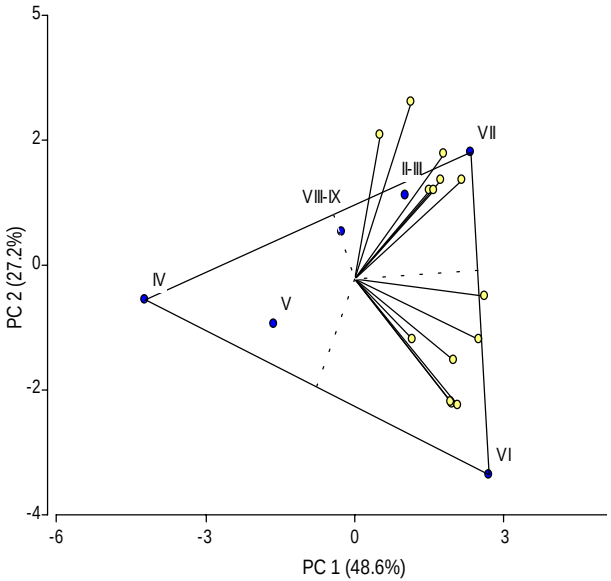
Piper and Boote, 1999

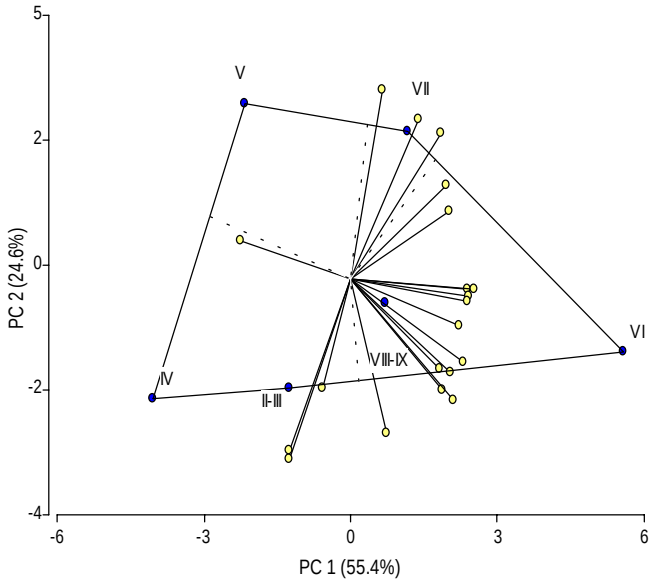
Rangos en nuestro estudio: 15 a 27°C

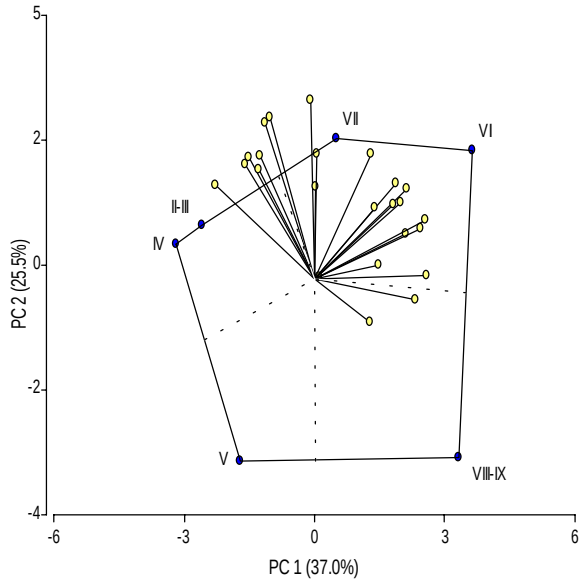

60
50
40
30
20
10
0
Porcentaje o cociente
GM III-V
GM VI-VIII
est+palm
oleico
linoleico
linolenico
linoleico/linolen


70
60
50
40
30
20
10
0
Acido graso (%)
Oleico
Linoleico
linolénico
R 2 = 0.35
R 2 = 0.45
R 2 = 0.61
10
15
20
25
30
Temp. media R5-R7

Proteína

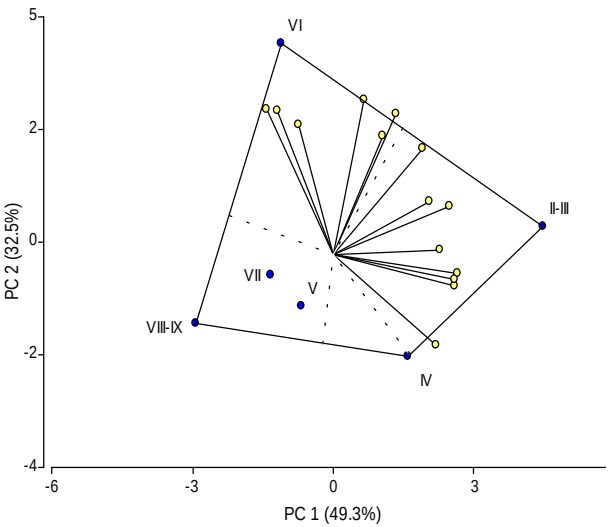


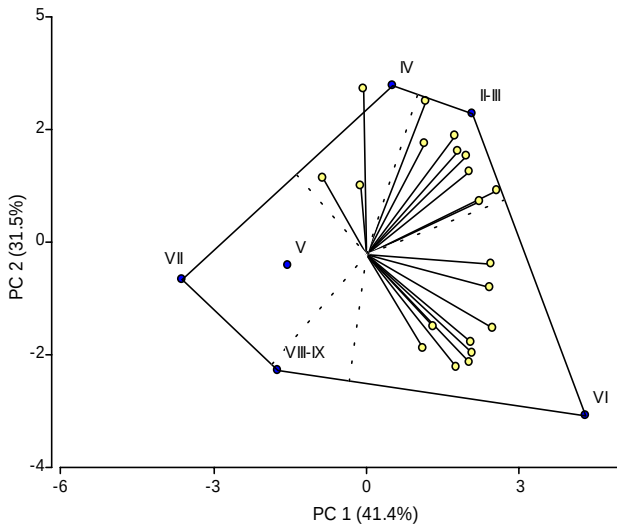


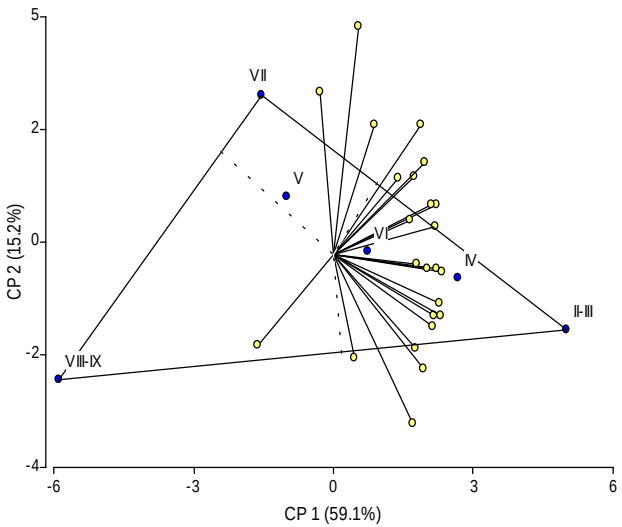


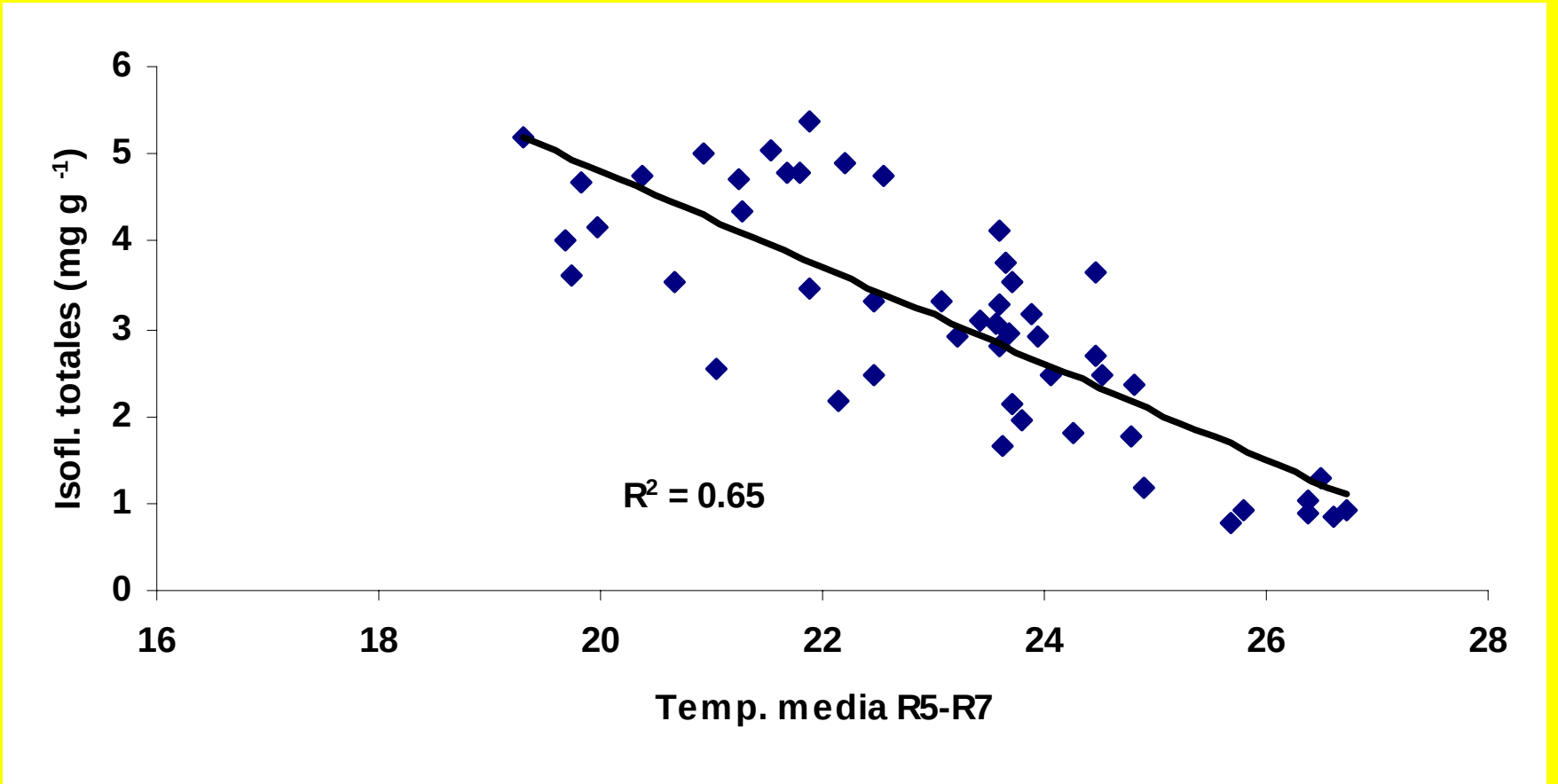
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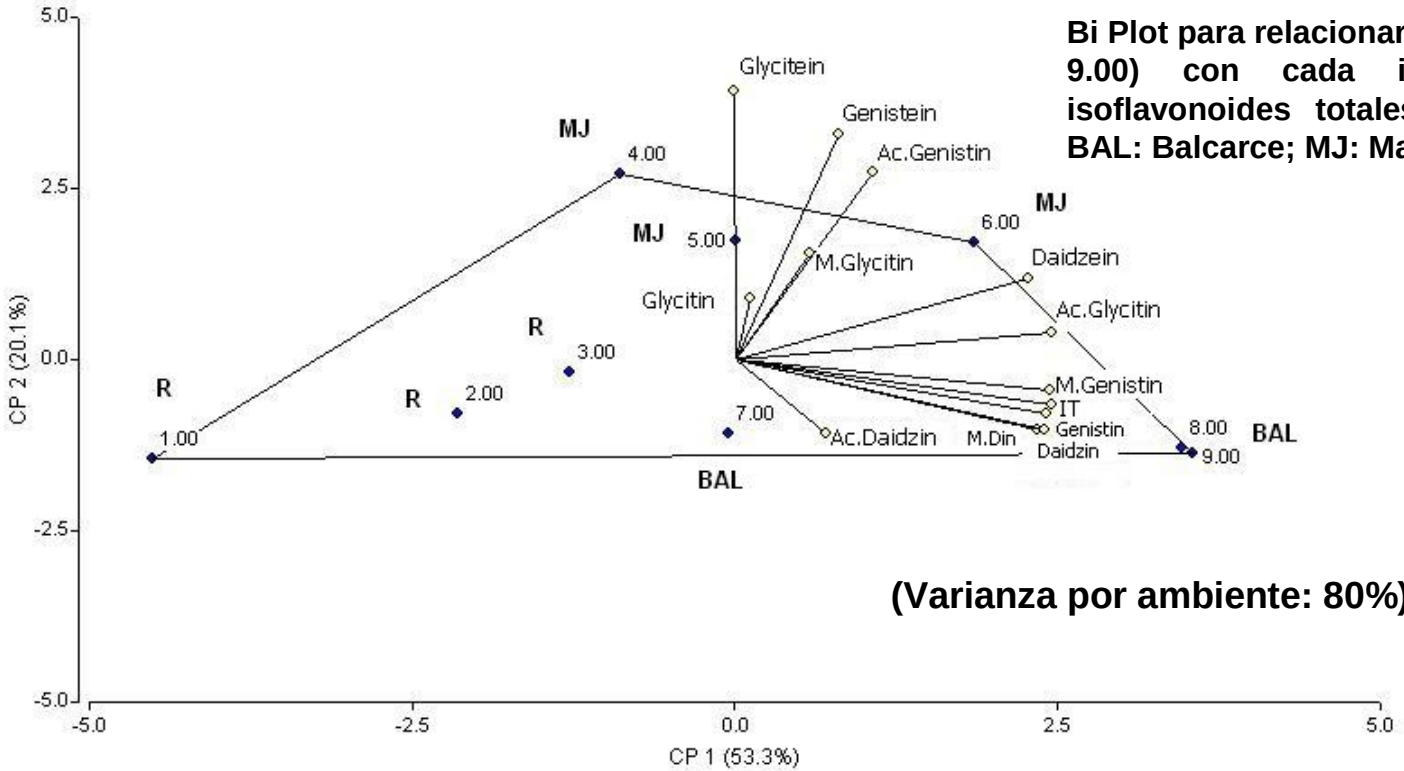
Profat








Isofl. totales (mg g -1)
6
5
4
3
2
1
0
16
18
20
22
24
26
28
R2 = 0.65
Temp. media R5-R7



Bi Plot para relacionar los 9 ambientes (1.00 a 9.00) con cada isoflavonoide y con isoflavonoides totales IT. R: Reconquista; BAL: Balcarce; MJ: Marcos Juárez.

(Varianza por ambiente: 80%)

Tabla III. Contenido individual y total de isoflavonoides para cada localidad.

Localidad	Daidzin	Glycitin	Genistin	MDaidzin	MGlycitin	AcDaidzin	AcGlycitin	MGenistin	Daidzein	Glycitein	AcGenistin	Genistein	IT
RECONQUISTA	0,4930	0,0933	0,2589	0,5704	0,3907	0,0226	0,0959	0,5085	0,0259	0,0022	0,0093	0,0133	2,4826
MARCOS JUAREZ	0,5971	0,0996	0,4229	1,0742	0,4246	0,0200	0,1983	0,8000	0,0558	0,0092	0,0283	0,0292	3,7542
BALCARCE	0,7918	0,0976	0,7006	1,9706	0,3718	0,0365	0,2400	1,1441	0,0535	0,0018	0,0200	0,0206	5,4506

GM III-V: 2,66 mg g^{-1}

GM VI-VIII: 3,52 mg g^{-1}

Manzur et al., 2005