

Report descrittivo dei vigneti sperimentali

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0.1 Introduzione

Il *Consorzio Toscana* ha sviluppato un progetto di ricerca della durata di quattro anni per il miglioramento della qualità in ambito viticolo ed enologico toscano, con particolare riferimento alle varietà Sangiovese e Cabernet-Sauvignon.

Sono oramai consolidate le conoscenze che indicano la forte dipendenza della qualità del vino dalla qualità delle uve. Il Consorzio, secondo gli obiettivi del progetto, si propone di studiare le pratiche gestionali che, nel vigneto ed in cantina, influenzano in grande misura il risultato enologico finale.

Allo scopo di interpretare correttamente gli eventuali effetti delle operazioni viticole ed enologiche sotto studio e le loro interazioni, è stato pianificato uno studio sperimentale grazie al quale è possibile sviluppare modelli statistici utili nella valutazione dei risultati. Diversi istituti ed enti di ricerca collaborano nel progetto in base alle specifiche competenze.

La sperimentazione in campo si svolge in tre differenti aree di denominazione di origine della Toscana (Chianti Classico, Montegio di Massa Marittima, Bolgheri) su quattro vigneti sperimentali ed è focalizzato sullo studio del ruolo esercitato dalle operazioni di gestione della chioma sulle condizioni eco-fisiologiche e microclimatiche della pianta, sul riscontro produttivo e qualitativo e sulle potenzialità enologiche delle uve.

Nello specifico viene valutato il ruolo della carica di gemme, della sfogliatura precoce e del diradamento dei grappoli, sia nei loro effetti diretti, sia nelle interazioni che tra di loro si instaurano.

Questa relazione è un report descrittivo dei quattro vigneti sperimentali del progetto: *Brollo* e *Cortigliano* (Sangiovese), *Cacciagrande* e *Donna Olimpia* (Cabernet-Sauvignon) per gli anni di prova 2007, 2008 e 2009, che riporta visualizzazioni grafiche avanzate atte a evidenziare eventuali differenze tra i blocchi di vigore e tra le tesi sperimentali entro i blocchi.

0.1.1 Tesi e blocchi sperimentali

All'interno di ciascun vigneto sono stati definiti dei blocchi distribuiti ciascuno su zone di vigore vegetativo omogeneo, individuate per mezzo dell'analisi multispettrale delle foto aeree (NDVI) (Tabella 1 nella pagina 16).

All'interno di ciascun blocco sono definite le 8 tesi sperimentali (Tabella 2 nella pagina 16) in altrettante parcelle, derivanti dalla combinazione di differenti modalità di gestione della chioma:

- **Carica gemme:** a una gemma (C0) o a 3 gemme (C1);
- **Defogliazione:** non effettuata (A0) o effettuata al 50% (A1);
- **Diradamento dei grappoli:** non effettuato (D0) o effettuato al 50% (D1).

I rilievi sul campo effettuati dall'**Istituto Agronomico di San Michele all'Adige** (IASMA) negli anni di sperimentazione 2007, 2008 e 2009, hanno fornito i dati relativi alla qualità dei vigneti sperimentali.

Per ogni parcella, entro ogni blocco, sono state campionate 10 piante, rilevando i dati da 5 piante in vendemmia tecnologica e da altre 5 in vendemmia tardiva (Tabella 3 nella pagina 17). Ciascuno di questi 2 gruppi forma, al momento della vendemmia, 2 mosti rappresentativi per ciascuna raccolta.

Si sono considerati, tra gli altri, i seguenti rilievi fisiologici:

- **Peso medio dell'uva per pianta** (*PesoUvaPia*);
- **Peso medio del grappolo** (*PesoGrapM*);
- **Peso medio del germoglio** (*PesoGermM*);
- **Peso medio del legno di potatura** (*PesoLegnoM*);
- **Indice di Fertilità** (*IndFertil*): numero medio di grappoli rapportato al numero medio di germogli;
- **Indice di Ravaz** (*IndRavaz*): peso medio dell'uva rapportata al peso medio del legno di potatura;
- **Indice SPAD** (*SPADgiu*, *SPADago*): misura dell'attività clorofilliana della pianta, rilevato nei mesi di giugno e di agosto;

- **Indice NDVI** ($NDVI_{giu}$, $NDVI_{ago}$): misura dell'intensità dell'assorbimento di radiazione solare della pianta, rilevato nei mesi di giugno e di agosto;
- **Brix** del mosto ($Brix$);
- **pH** del mosto (pH);
- **Acidità totale** del mosto ($AcTot$);
- **Acido Tartarico** ($AcTartarico$);
- **Acido Malico** ($AcMalico$);
- **Potassio** ($Potassio$);
- **Azoto Prontamente Assimilabile** (APA);
- **Antociani totali** ($AntocTot$);
- **Polifenoli totali** ($PolifTot$).

Nell'anno di sperimentazione 2007 non è stato campionato il terzo blocco dei vigneti di *Brolio* e di *Cortigliano*, in quanto aggiunto successivamente, e gli indici SPAD e NDVI sono stati misurati solo nei mesi di giugno e di agosto. Le caratteristiche principali dei vigneti sono riassunte in Tabella 4 nella pagina 17 e in Tabella 5 nella pagina 18, a cui segue lo schema con la localizzazione geografica dei blocchi e la disposizione delle tesi sperimentali al loro interno.

Nelle prossime sezioni sono riportati sommari delle statistiche descrittive e i principali grafici rappresentanti le distribuzioni delle variabili fisiologiche per ciascun vigneto sperimentale: *boxplot* e *dotplot*, nei dettagli **Blocco** e **Tesi entro Blocco**.

Ciascuna distribuzione è stata considerata raggruppando per *Anno* e *Raccolta*, eccezione fatta per variabili come *Peso medio del germoglio*, *Peso medio del legno prodotto*, *indice SPAD* e *indice NDVI*, per le quali il fattore *Raccolta* non è legato alla maturazione delle uve, essendo queste misure antecedenti il momento della vendemmia.

Per quanto riguarda i *boxplot* per il dettaglio *Tesi entro Blocco*, si è ritenuto conveniente non raggruppare per *Anno*, dal momento che si sarebbe dovuto

usufruire di sole 2 osservazioni per cella (che così passano a 6). Sono riportati, tuttavia, i sommari delle medie per anno.

Nei *dotplot*, sia l'anno di sperimentazione che le tesi sono state distinte graficamente con forme e colori diversi. Nei *boxplot* sono state tracciate in blu le medie aritmetiche per facilitare l'interpretazione. Tabella 6 nella pagina 18 schematizza i raggruppamenti effettuati e i relativi numeri di osservazioni.

Tabella 1: Schema dei blocchi dei vigneti sperimentali

	Blocco	Vigore	Varietà	Clone/Portainnesto	Parcelle	Filari per parcella	Piante per parcella
Brolio	BL1	L	SGV	R24/420A	8	2	84
	BL2	M1	SGV	R24/420A	8	4	84
	BL3	M2	SGV	R24/420A	8	3	81
	BL4	H	SGV	R24/420A	8	2	84
Cortigliano	BL1	M1	SGV	R24/420A	8	3	84
	BL2	M2	SGV	R23/420A	8	2	84
	BL3	H1	SGV	R23/420A	8	2	81
	BL4	H2	SGV	R23/420A	8	2	84
Cacciagrande	BL1	L	CS	3309	8	2	84
	BL2	M	CS	3309	8	2	84
	BL3	H	CS	3309	8	2	81
Donna Olimpia	BL1	M1	CS	101.14	8	2	96
	BL2	H	CS	101.14	8	2	94
	BL3	M2	CS	101.14	8	2	96

Tabella 2: Tesi sperimentali

	Carica Gemme	Defogliazione	Diradamento
T1	corta	no	no
T2	corta	no	50%
T3	corta	50%	no
T4	corta	50%	50%
T5	lunga	no	no
T6	lunga	no	50%
T7	lunga	50%	no
T8	lunga	50%	50%

Tabella 3: Date delle raccolte di IASMA

		Brolio	Cortigliano	Cacciagrande	Donna Olimpia
2007	R1	19/09/2007	11/09/2007	11/09/2007	19/09/2007
	R2	03/10/2007	24/09/2007	24/09/2007	03/10/2007
2008	R1	22/09/2008	17/09/2008	16/09/2008	23/09/2008
	R2	06/10/2008	29/09/2008	29/09/2008	08/10/2008
2009	R1	23/09/2009	18/09/2009	09/09/2009	19/09/2009
	R2	05/10/2009	01/10/2009	22/09/2009	06/10/2009

Tabella 4: Vigneti sperimentali Sangiovese

Vigneto	Brolio	Cortigliano
Tenuta	Castello di Brolio	Le Mortelle
Località	Gaiole in Chianti (SI)	C. della Pescaia (GR)
Proprietà	Barone Ricasoli s.p.a.	Le Mortelle s.a.s.
Coordinate	<i>ang.</i> 43.4139N- <i>ang.</i> 11.4563E	<i>ang.</i> 42.8073N- <i>ang.</i> 10.9581E
Altitudine	420 m.s.l.	12 m.s.l.
Superficie	1.9 ha	3.9 ha
Orientamento dei filari	NO-SE	N-S
Sesto d'impianto	0.8 x 2	0.8 x 2
Densità d'impianto	6250 piante/ha	6250 piante/ha
Distanza interpalo	4.8 m	5.6 m
Ceppi per campata	6	7
Blocchi	4	4
Anno d'impianto	2000	2001
Varietà	Sangiovese	Sangiovese
Clone	R24	R24(1) + R23(3)
Portainnesto	420A	420A
Forma d'allevamento	Cordone speronato	Cordone speronato
Inerbimento	Filari alternati	Filari alternati
Tipologia di terreno	Argilloso	Franco-sabbioso

Tabella 5: Vigneti sperimentali Cabernet-Sauvignon

Vigneto	Cacciagrande	Donna Olimpia
Tenuta	Le Mortelle	Donna Olimpia 1898
Località	C. della Pescaia (GR)	Bolgheri (LI)
Proprietà	Le Mortelle s.a.s.	Donna Olimpia 1898 s.r.l.
Coordinate	<i>ang.</i> 42.8093N- <i>ang.</i> 10.9590E	<i>ang.</i> 42.2091N <i>ang.</i> 10.5684E
Altitudine	15 m.s.l.	8 m.s.l.
Superficie	3.68 ha	5.28 ha
Orientamento dei filari	E-O	E-O
Sesto d'impianto	0.8 x 2	0.8 x 1.8
Densità d'impianto	6250 piante/ha	6944 piante/ha
Distanza interpalo	5.6 m	6.4 m
Ceppi per campata	7	8
Blocchi	3	3
Anno d'impianto	2000	2003
Varietà	Cabernet-Sauvignon	Cabernet-Sauvignon
Clone	191	191
Portainnesto	3309	101.14
Forma d'allevamento	Cordone speronato	Cordone speronato
Inerbimento	Filari alternati	Filari alternati
Tipologia di terreno	Franco-sabbioso	Franco-Sabbioso

Tabella 6: Osservazioni per cella

Dettaglio	Rilievi antecedenti la vendemmia		Rilievi durante la vendemmia	
	Raggruppamenti	Obs	Raggruppamenti	Obs
Blocco	Anno	32	Anno e Raccolta	16
Tesi entro Blocco	/	12	Raccolta	6

Capitolo 1

Vigneto sperimentale di Brolio



1.1 Statistiche descrittive

1.1.1 Sommari per Blocco

Anno: Y07 - Blocco: BL1 - Raccolta: R1							Anno: Y07 - Blocco: BL1 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	350.00	525.00	675.00	737.20	935.40	1250.00	PesoUvaPia	466.70	587.50	712.50	814.10	850.00	1950.00
PesoGrapM	77.55	102.60	121.90	127.30	139.10	231.20	PesoGrapM	61.67	96.62	114.00	122.50	156.70	198.60
PesoGermM	17.72	20.25	26.04	25.13	29.03	32.92	PesoGermM	19.72	21.61	22.84	24.46	26.83	32.59
PesoLegnoM	153.30	185.00	200.00	196.00	210.80	250.00	PesoLegnoM	160.00	169.20	186.70	193.30	210.80	253.30
IndFertil	0.46	0.58	0.79	0.76	0.92	1.15	IndFertil	0.47	0.74	0.87	0.93	1.12	1.48
IndRavaz	1.61	2.77	3.48	3.87	5.37	7.23	IndRavaz	2.10	3.09	3.41	4.45	4.78	10.97
SPADgiu	31.13	33.41	33.97	33.87	34.55	35.45	SPADgiu	31.00	32.44	33.22	33.47	34.41	37.33
NDVIgiu	0.74	0.80	0.82	0.81	0.83	0.87	NDVIgiu	0.67	0.76	0.79	0.78	0.81	0.85
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	30.67	34.34	36.22	35.57	37.07	38.73	SPADago	33.15	35.42	36.22	36.66	38.32	39.55
NDVIago	0.52	0.57	0.61	0.60	0.62	0.70	NDVIago	0.49	0.59	0.63	0.62	0.67	0.70
Brix	19.49	21.14	21.83	21.78	22.51	23.31	Brix	22.49	23.31	23.89	24.04	24.77	25.99
pH	3.05	3.19	3.23	3.21	3.25	3.29	pH	3.24	3.29	3.33	3.31	3.34	3.39
AcTot	5.00	5.28	5.45	5.62	5.83	7.00	AcTot	4.80	5.30	5.45	5.64	5.80	7.00
AcTartarico	5.98	6.20	6.38	6.61	6.83	8.38	AcTartarico	6.44	6.88	7.05	7.18	7.33	8.53
AcMalico	0.41	0.78	0.90	0.89	1.12	1.19	AcMalico	0.56	0.87	0.99	0.97	1.12	1.37
Potassio	0.95	1.01	1.02	1.04	1.07	1.17	Potassio	0.89	0.95	0.98	0.98	1.01	1.07
APA	66.00	96.75	111.50	117.60	138.20	176.00	APA	114.00	134.00	141.00	147.60	162.20	189.00
AntocTot	616.00	827.30	891.60	922.80	1005.00	1255.00	AntocTot	371.90	504.10	594.30	596.50	675.80	810.50
PolifTot	1192.00	1394.00	1495.00	1580.00	1792.00	2148.00	PolifTot	762.30	1008.00	1253.00	1177.00	1338.00	1490.00
Anno: Y07 - Blocco: BL2 - Raccolta: R1							Anno: Y07 - Blocco: BL2 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	600.00	800.00	1000.00	1150.00	1408.00	2750.00	PesoUvaPia	375.00	962.50	1221.00	1207.00	1508.00	2150.00
PesoGrapM	94.35	131.10	151.70	164.90	199.90	250.80	PesoGrapM	91.67	122.40	162.10	166.70	194.30	283.30
PesoGermM	14.18	22.57	25.77	24.78	28.16	32.50	PesoGermM	18.78	24.75	29.08	28.64	31.56	40.48
PesoLegnoM	150.00	170.00	196.70	192.50	215.00	220.00	PesoLegnoM	166.70	187.50	228.30	224.60	260.00	293.30
IndFertil	0.63	0.81	0.93	0.95	1.08	1.53	IndFertil	0.58	0.79	0.99	0.99	1.14	1.48
IndRavaz	2.82	4.41	5.03	6.41	7.36	16.86	IndRavaz	2.29	3.80	5.47	5.56	7.57	8.50
SPADgiu	29.73	32.54	33.68	33.90	35.47	36.45	SPADgiu	31.57	33.59	34.86	34.54	35.64	37.10
NDVIgiu	0.75	0.81	0.83	0.82	0.84	0.87	NDVIgiu	0.72	0.79	0.83	0.82	0.85	0.88
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	24.63	30.64	32.59	32.23	33.49	38.55	SPADago	28.50	30.81	32.71	32.52	33.98	35.93
NDVIago	0.52	0.62	0.63	0.63	0.65	0.73	NDVIago	0.51	0.58	0.61	0.60	0.64	0.67
Brix	20.72	21.52	22.40	22.46	23.15	24.63	Brix	19.69	21.30	23.09	23.24	24.98	27.01
pH	3.03	3.09	3.17	3.15	3.19	3.27	pH	3.08	3.17	3.27	3.26	3.33	3.47
AcTot	4.90	5.47	5.70	5.89	6.33	7.40	AcTot	4.90	5.40	5.55	5.82	6.15	7.40
AcTartarico	6.05	6.33	6.71	6.90	7.23	8.65	AcTartarico	6.72	7.05	7.19	7.50	7.78	9.05
AcMalico	0.10	0.42	0.50	0.56	0.80	1.05	AcMalico	0.44	0.60	0.88	0.83	0.96	1.33
Potassio	0.89	0.97	1.01	1.00	1.04	1.10	Potassio	0.92	0.98	1.01	1.02	1.04	1.17
APA	10.00	26.50	41.00	42.69	49.50	99.00	APA	50.00	68.50	87.50	89.62	102.50	144.00
AntocTot	671.90	763.20	839.80	912.40	1037.00	1270.00	AntocTot	536.70	715.00	775.20	781.80	838.20	1058.00
PolifTot	1166.00	1249.00	1444.00	1506.00	1710.00	2036.00	PolifTot	1015.00	1186.00	1263.00	1276.00	1396.00	1482.00

Anno: Y07 - Blocco: BL4 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1317.00	1594.00	1958.00	2032.00	2494.00	3033.00
PesoGrapM	159.80	209.90	249.90	259.00	294.40	394.60
PesoGermM	21.22	25.89	31.38	35.23	36.11	75.00
PesoLegnoM	190.00	220.00	251.70	282.10	286.70	600.00
IndFertil	0.79	0.98	1.11	1.14	1.27	1.64
IndRavaz	3.96	6.75	7.69	8.27	10.37	13.71
SPADgiu	31.20	33.39	34.22	34.14	35.23	35.80
NDVIgiu	0.81	0.86	0.86	0.86	0.87	0.89
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	35.40	37.51	38.41	38.52	39.50	42.75
NDVIago	0.51	0.61	0.63	0.64	0.68	0.77
Brix	17.82	19.63	20.81	20.34	21.31	21.62
pH	3.00	3.09	3.14	3.12	3.17	3.18
AcTot	4.90	5.30	5.45	5.56	5.72	6.40
AcTartarico	5.39	5.70	6.01	6.04	6.26	7.07
AcMalico	0.65	0.98	1.15	1.16	1.35	1.77
Potassio	0.81	0.88	0.93	0.93	0.96	1.09
APA	39.00	57.00	69.50	68.56	78.50	101.00
AntocTot	417.40	558.30	609.50	702.20	852.90	1059.00
PolifTot	779.60	876.10	1164.00	1164.00	1371.00	1676.00

Anno: Y07 - Blocco: BL4 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1200.00	1756.00	1988.00	2226.00	2392.00	4025.00
PesoGrapM	187.50	251.50	273.90	288.80	298.60	454.40
PesoGermM	22.86	31.61	33.44	40.72	45.85	78.21
PesoLegnoM	180.00	277.50	290.00	329.80	395.00	580.00
IndFertil	0.65	0.87	0.94	0.99	1.05	1.54
IndRavaz	2.58	5.28	6.95	7.51	9.09	13.71
SPADgiu	32.43	33.86	34.77	35.05	36.07	38.80
NDVIgiu	0.79	0.85	0.86	0.86	0.87	0.89
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	36.37	38.95	39.86	39.97	41.38	43.35
NDVIago	0.56	0.64	0.66	0.66	0.68	0.73
Brix	19.37	20.88	22.02	21.78	22.60	24.46
pH	3.19	3.25	3.28	3.27	3.30	3.37
AcTot	4.70	4.90	4.95	5.09	5.30	5.70
AcTartarico	5.83	6.16	6.25	6.31	6.49	6.88
AcMalico	0.83	1.13	1.30	1.24	1.36	1.44
Potassio	0.80	0.89	0.92	0.93	1.00	1.09
APA	73.00	90.75	100.50	100.60	116.00	121.00
AntocTot	322.90	521.20	581.10	620.40	672.90	1043.00
PolifTot	629.00	917.30	986.20	1038.00	1184.00	1469.00

Anno: Y08 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	500.00	756.70	868.30	869.20	955.00	1533.00
PesoGrapM	73.31	106.30	132.20	133.10	150.60	202.70
PesoGermM	23.22	25.47	31.93	31.98	37.50	43.12
PesoLegnoM	210.00	232.50	246.70	256.50	290.80	306.70
IndFertil	0.61	0.75	0.85	0.85	0.93	1.11
IndRavaz	2.18	2.83	3.10	3.48	4.44	5.22
SPADgiu	29.00	32.01	33.03	32.82	34.22	35.80
NDVIgiu	0.49	0.60	0.63	0.62	0.65	0.73
SPADlug	30.00	33.61	34.54	34.70	35.91	38.90
NDVIlug	0.48	0.61	0.67	0.65	0.68	0.72
SPADago	29.23	30.63	31.44	31.93	32.93	34.83
NDVIago	0.54	0.60	0.62	0.62	0.65	0.71
Brix	19.96	20.77	21.53	21.41	21.85	23.22
pH	3.15	3.22	3.23	3.25	3.27	3.38
AcTot	4.90	5.28	5.50	5.44	5.60	6.10
AcTartarico	6.40	6.68	6.87	6.85	7.00	7.47
AcMalico	1.16	1.32	1.46	1.44	1.57	1.76
Potassio	0.94	1.05	1.06	1.10	1.15	1.27
APA	10.00	24.50	40.00	39.31	53.00	67.00
AntocTot	628.20	728.90	831.50	850.00	976.60	1142.00
PolifTot	1295.00	1396.00	1560.00	1662.00	1857.00	2370.00

Anno: Y08 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	473.30	605.00	813.30	830.60	965.00	1320.00
PesoGrapM	64.50	107.10	119.50	138.20	170.80	235.10
PesoGermM	13.45	22.35	27.42	29.14	33.33	51.39
PesoLegnoM	140.00	210.00	228.30	240.40	265.00	353.30
IndFertil	0.48	0.68	0.76	0.76	0.86	1.08
IndRavaz	2.21	2.81	3.46	3.64	4.22	5.55
SPADgiu	30.97	32.00	32.62	32.93	33.89	36.40
NDVIgiu	0.44	0.57	0.62	0.60	0.64	0.70
SPADlug	29.85	32.70	33.41	34.08	35.32	39.45
NDVIlug	0.56	0.63	0.64	0.64	0.66	0.71
SPADago	29.50	31.45	32.30	32.16	32.75	35.30
NDVIago	0.54	0.57	0.58	0.59	0.61	0.64
Brix	20.82	22.32	22.73	22.69	23.58	23.80
pH	3.21	3.25	3.26	3.27	3.29	3.38
AcTot	4.50	4.80	4.95	4.94	5.10	5.40
AcTartarico	5.83	6.03	6.29	6.23	6.34	6.77
AcMalico	0.60	0.88	1.04	1.02	1.16	1.30
Potassio	0.79	0.88	0.96	0.95	1.00	1.06
APA	35.00	44.00	62.50	63.19	86.25	96.00
AntocTot	497.90	647.90	708.70	728.30	742.30	1109.00
PolifTot	753.20	1186.00	1379.00	1404.00	1570.00	2095.00

Anno: Y08 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	365.00	683.80	825.00	859.50	1065.00	1420.00
PesoGrapM	69.17	103.90	122.60	125.40	141.00	198.50
PesoGermM	14.78	22.98	28.26	28.53	33.15	41.90
PesoLegnoM	140.00	197.50	210.00	220.90	250.00	306.70
IndFertil	0.74	0.81	0.87	0.95	1.03	1.38
IndRavaz	1.84	3.13	4.01	3.96	5.02	5.80
SPADgiu	28.83	31.13	32.15	31.99	33.11	33.80
NDVIgiu	0.54	0.58	0.60	0.61	0.64	0.71
SPADlug	27.87	31.30	32.61	32.13	33.71	34.67
NDVIlug	0.50	0.59	0.63	0.62	0.66	0.71
SPADago	26.70	30.98	31.94	32.19	33.59	37.25
NDVIago	0.44	0.56	0.61	0.60	0.66	0.68
Brix	21.79	22.72	23.14	23.25	23.82	24.82
pH	3.11	3.17	3.19	3.19	3.22	3.27
AcTot	5.90	6.00	6.20	6.26	6.50	6.90
AcTartarico	7.00	7.42	7.56	7.62	7.81	8.26
AcMalico	0.97	1.31	1.38	1.42	1.56	1.94
Potassio	1.04	1.09	1.16	1.16	1.23	1.30
APA	10.00	10.00	10.00	14.62	12.75	33.00
AntocTot	536.10	737.60	1025.00	925.80	1087.00	1194.00
PolifTot	1177.00	1822.00	1953.00	1963.00	2151.00	2802.00

Anno: Y08 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	350.00	551.70	673.30	834.70	976.30	2400.00
PesoGrapM	61.67	95.46	111.60	140.00	141.70	480.00
PesoGermM	11.08	25.16	27.41	30.28	34.48	56.67
PesoLegnoM	106.70	207.50	214.20	224.90	251.70	340.00
IndFertil	0.63	0.71	0.86	0.91	1.07	1.50
IndRavaz	1.72	2.39	3.40	3.72	4.82	7.06
SPADgiu	29.67	31.92	32.38	32.61	33.35	34.40
NDVIgiu	0.54	0.59	0.62	0.62	0.64	0.71
SPADlug	28.17	31.01	32.57	32.21	33.67	35.40
NDVIlug	0.52	0.58	0.63	0.62	0.65	0.74
SPADago	30.87	31.82	32.47	32.90	33.58	36.67
NDVIago	0.52	0.57	0.60	0.60	0.63	0.67
Brix	21.86	23.09	23.75	24.20	25.17	27.20
pH	3.12	3.17	3.22	3.22	3.27	3.44
AcTot	5.50	6.00	6.10	6.31	6.50	8.30
AcTartarico	6.24	7.12	7.33	7.24	7.46	8.01
AcMalico	0.73	1.05	1.25	1.45	1.61	3.73
Potassio	0.92	1.00	1.13	1.13	1.24	1.44
APA	10.00	16.00	31.00	38.67	58.50	111.00
AntocTot	314.50	704.00	819.90	818.00	975.70	1115.00
PolifTot	1088.00	1391.00	1665.00	1746.00	2023.00	2549.00

Anno: Y08 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	446.70	823.30	1007.00	1075.00	1225.00	2330.00
PesoGrapM	70.37	112.90	146.40	144.40	173.10	225.00
PesoGermM	9.83	27.91	32.12	32.04	35.62	57.05
PesoLegnoM	80.00	210.00	286.70	265.70	325.00	380.00
IndFertil	0.21	0.81	0.86	0.92	1.07	1.59
IndRavaz	2.46	3.21	4.61	4.29	5.16	6.13
SPADgiu	29.55	31.05	31.91	32.57	34.64	35.90
NDVIgiu	0.44	0.51	0.58	0.56	0.62	0.69
SPADlug	30.43	32.69	34.36	34.63	36.78	39.67
NDVilug	0.54	0.59	0.64	0.63	0.66	0.73
SPADago	25.67	31.16	32.38	32.52	34.57	37.60
NDVIago	0.46	0.54	0.56	0.56	0.60	0.64
Brix	18.83	21.55	22.21	21.99	22.80	24.34
pH	2.92	3.09	3.12	3.12	3.18	3.27
AcTot	6.10	6.28	6.70	6.73	7.03	7.90
AcTartarico	6.94	7.51	7.93	7.99	8.40	9.17
AcMalico	1.00	1.24	1.35	1.35	1.43	1.73
Potassio	1.07	1.10	1.15	1.18	1.25	1.37
APA	10.00	10.00	10.00	18.12	25.00	44.00
AntocTot	500.60	673.50	810.90	805.30	856.40	1308.00
PolifTot	991.70	1632.00	1885.00	1888.00	2152.00	3012.00

Anno: Y08 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	473.30	795.00	1017.00	1119.00	1362.00	2260.00
PesoGrapM	86.25	101.70	131.50	140.80	175.70	218.30
PesoGermM	18.18	26.24	31.36	32.75	38.48	54.11
PesoLegnoM	140.00	207.50	263.30	286.50	360.00	560.00
IndFertil	0.63	0.79	0.92	0.98	1.14	1.43
IndRavaz	2.44	3.90	4.13	4.08	4.42	5.44
SPADgiu	26.13	32.27	33.22	32.85	34.64	37.55
NDVIgiu	0.46	0.56	0.58	0.58	0.62	0.67
SPADlug	32.65	33.50	35.16	35.53	37.22	40.80
NDVilug	0.58	0.61	0.65	0.65	0.68	0.72
SPADago	30.80	32.20	33.35	33.48	34.38	39.00
NDVIago	0.45	0.56	0.58	0.59	0.63	0.67
Brix	20.55	22.17	23.38	23.09	24.10	25.33
pH	3.00	3.15	3.18	3.17	3.21	3.28
AcTot	5.70	6.05	6.30	6.33	6.53	7.30
AcTartarico	6.86	7.12	7.51	7.58	7.88	8.65
AcMalico	0.55	0.83	1.09	1.06	1.27	1.51
Potassio	0.83	1.03	1.07	1.06	1.12	1.23
APA	21.00	33.75	41.00	43.00	45.50	78.00
AntocTot	338.00	699.70	767.60	738.80	874.30	913.20
PolifTot	723.20	1607.00	1820.00	1787.00	2046.00	2447.00

Anno: Y08 - Blocco: BL4 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	930.00	1349.00	1610.00	1681.00	1950.00	2660.00
PesoGrapM	109.30	169.50	188.10	203.70	224.30	354.30
PesoGermM	29.91	35.51	43.73	46.32	54.05	80.00
PesoLegnoM	260.00	298.30	403.30	388.30	428.30	640.00
IndFertil	0.70	0.82	0.98	1.02	1.18	1.50
IndRavaz	2.71	3.96	4.36	4.78	4.79	8.06
SPADgiu	30.40	33.91	36.10	35.76	38.01	39.55
NDVIgiu	0.58	0.69	0.71	0.71	0.74	0.77
SPADlug	36.95	38.99	40.30	40.40	41.74	44.30
NDVilug	0.63	0.71	0.74	0.73	0.77	0.81
SPADago	34.60	37.53	38.69	39.21	40.73	44.65
NDVIago	0.46	0.50	0.55	0.55	0.58	0.66
Brix	16.65	19.92	21.00	20.49	21.65	22.16
pH	3.07	3.10	3.15	3.14	3.17	3.21
AcTot	5.90	6.20	6.50	6.62	6.95	7.80
AcTartarico	6.50	6.92	7.13	7.27	7.49	8.74
AcMalico	1.69	2.00	2.29	2.27	2.48	2.91
Potassio	1.02	1.12	1.17	1.17	1.21	1.30
APA	28.00	42.75	51.00	58.75	63.75	148.00
AntocTot	243.00	465.90	582.90	576.90	631.70	1023.00
PolifTot	588.30	1241.00	1387.00	1359.00	1491.00	2069.00

Anno: Y08 - Blocco: BL4 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1180.00	1703.00	2295.00	2184.00	2675.00	3180.00
PesoGrapM	176.80	204.50	237.40	252.70	300.80	367.80
PesoGermM	33.33	38.45	49.45	51.14	61.88	87.75
PesoLegnoM	300.00	355.00	383.30	431.50	435.00	770.00
IndFertil	0.54	0.97	1.09	1.08	1.25	1.45
IndRavaz	2.86	4.25	5.29	5.55	6.85	9.17
SPADgiu	34.43	35.77	37.62	37.29	38.50	39.90
NDVIgiu	0.60	0.69	0.73	0.72	0.76	0.79
SPADlug	36.75	40.69	41.42	41.55	43.16	46.00
NDVilug	0.72	0.75	0.76	0.76	0.77	0.81
SPADago	34.30	38.54	39.25	39.87	41.60	44.95
NDVIago	0.45	0.59	0.62	0.61	0.65	0.68
Brix	20.46	21.07	22.16	21.99	22.43	23.93
pH	3.11	3.21	3.24	3.23	3.26	3.33
AcTot	5.50	5.70	5.90	5.98	6.15	7.10
AcTartarico	6.37	6.55	6.80	6.81	6.95	7.48
AcMalico	1.32	1.62	1.76	1.75	1.87	2.24
Potassio	0.97	1.01	1.06	1.07	1.13	1.20
APA	60.00	68.75	74.50	76.56	86.25	96.00
AntocTot	417.10	563.30	684.70	682.50	798.90	922.00
PolifTot	896.50	1452.00	1592.00	1600.00	1821.00	2236.00

Anno: Y09 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	100.00	426.30	548.30	608.60	771.70	1300.00
PesoGrapM	25.00	77.17	95.45	113.40	139.90	228.00
PesoGermM	12.14	19.21	24.04	23.76	26.94	36.19
PesoLegnoM	100.00	158.00	171.70	169.60	195.00	230.00
IndFertil	0.45	0.55	0.77	0.77	0.89	1.32
IndRavaz	0.64	2.59	3.08	3.88	5.80	7.13
SPADgiu	29.97	31.43	32.15	32.34	33.17	35.17
NDVIgiu	0.52	0.58	0.61	0.61	0.64	0.69
SPADlug	30.85	31.92	33.05	33.34	34.39	36.67
NDVilug	0.48	0.53	0.55	0.55	0.57	0.65
SPADago	27.20	29.44	30.12	30.43	31.79	34.70
NDVIago	0.45	0.47	0.51	0.52	0.55	0.62
Brix	21.47	22.27	22.82	22.89	23.53	24.19
pH	3.26	3.34	3.39	3.38	3.42	3.51
AcTot	4.20	4.70	4.90	4.88	5.10	5.40
AcTartarico	6.31	6.92	7.26	7.14	7.42	7.62
AcMalico	0.65	0.99	1.15	1.12	1.27	1.63
Potassio	1.35	1.42	1.46	1.47	1.49	1.71
APA	10.00	22.00	36.00	44.69	73.00	76.00
AntocTot	779.80	841.70	929.70	955.50	1076.00	1233.00
PolifTot	1516.00	1645.00	1862.00	1962.00	2314.00	2749.00

Anno: Y09 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	230.00	470.00	620.00	592.10	708.30	920.00
PesoGrapM	45.60	86.39	114.90	117.10	150.90	228.30
PesoGermM	13.70	16.29	22.32	22.98	27.71	35.95
PesoLegnoM	100.00	127.50	175.00	165.30	197.50	220.00
IndFertil	0.54	0.67	0.70	0.73	0.76	1.04
IndRavaz	1.31	2.96	3.95	3.94	5.08	8.29
SPADgiu	29.93	31.73	32.47	32.48	33.45	34.70
NDVIgiu	0.51	0.53	0.55	0.56	0.59	0.66
SPADlug	31.17	33.12	35.35	34.72	36.49	37.75
NDVilug	0.61	0.62	0.67	0.66	0.68	0.72
SPADago	29.33	31.15	33.27	32.48	33.90	34.60
NDVIago	0.47	0.48	0.50	0.52	0.56	0.63
Brix	22.31	23.20	23.58	24.12	25.12	26.12
pH	3.32	3.38	3.42	3.42	3.46	3.53
AcTot	3.90	4.20	4.30	4.37	4.55	5.20
AcTartarico	5.91	6.14	6.31	6.39	6.57	7.19
AcMalico	0.18	0.84	0.89	0.87	1.00	1.19
Potassio	1.24	1.36	1.40	1.41	1.49	1.53
APA	10.00	25.50	50.00	48.20	69.50	106.00
AntocTot	673.90	812.70	904.80	1012.00	1063.00	1785.00
PolifTot	1487.00	1776.00	2193.00	2174.00	2439.00	3552.00

Anno: Y09 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	286.70	372.90	558.30	578.40	720.00	1020.00
PesoGrapM	55.08	100.80	121.50	125.20	143.60	195.00
PesoGermM	13.78	22.88	25.44	27.96	35.96	43.00
PesoLegnoM	130.00	160.00	190.00	202.80	243.70	290.00
IndFertil	0.38	0.51	0.62	0.63	0.69	1.00
IndRavaz	1.59	2.41	2.69	2.94	3.34	5.67
SPADgiu	29.43	31.46	32.55	33.15	34.93	38.00
NDVigiu	0.48	0.55	0.59	0.58	0.61	0.67
SPADlug	32.07	33.37	34.45	34.45	35.07	39.00
NDVilug	0.47	0.52	0.56	0.57	0.61	0.68
SPADago	28.00	30.80	32.62	32.39	33.38	39.30
NDVIago	0.43	0.49	0.54	0.53	0.59	0.63
Brix	23.44	23.78	24.82	24.64	25.23	25.71
pH	3.27	3.31	3.35	3.35	3.39	3.42
AcTot	4.70	5.10	5.35	5.27	5.47	5.70
AcTartarico	6.91	7.32	7.48	7.50	7.69	8.12
AcMalico	0.84	1.10	1.26	1.22	1.32	1.53
Potassio	1.32	1.36	1.43	1.43	1.50	1.55
APA	10.00	10.00	10.00	19.29	19.75	67.00
AntocTot	862.50	926.10	1078.00	1091.00	1246.00	1305.00
PolifTot	1701.00	1901.00	2065.00	2028.00	2156.00	2370.00

Anno: Y09 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	285.00	358.80	473.30	515.40	642.50	810.00
PesoGrapM	60.74	79.42	107.30	112.80	142.50	183.30
PesoGermM	17.35	21.89	24.82	25.46	28.25	41.11
PesoLegnoM	160.00	185.00	197.50	201.40	215.00	253.30
IndFertil	0.21	0.48	0.62	0.61	0.74	1.00
IndRavaz	1.53	1.85	2.46	2.68	3.39	4.90
SPADgiu	30.33	32.53	33.26	34.25	35.09	45.13
NDVigiu	0.48	0.55	0.60	0.59	0.64	0.67
SPADlug	30.37	32.37	33.67	33.83	34.80	37.80
NDVilug	0.50	0.55	0.64	0.61	0.66	0.70
SPADago	28.80	30.12	31.23	31.68	32.89	35.40
NDVIago	0.44	0.49	0.55	0.54	0.59	0.64
Brix	24.01	24.94	25.53	25.67	26.45	27.64
pH	3.19	3.31	3.37	3.35	3.39	3.51
AcTot	4.50	4.70	4.80	4.87	4.92	5.50
AcTartarico	6.36	6.62	6.74	6.85	7.03	7.53
AcMalico	0.45	0.70	0.82	0.83	0.93	1.44
Potassio	1.24	1.28	1.32	1.35	1.36	1.64
APA	10.00	19.00	28.50	29.06	37.00	54.00
AntocTot	554.30	839.40	998.30	962.80	1045.00	1342.00
PolifTot	1555.00	1889.00	2024.00	2020.00	2214.00	2488.00

Anno: Y09 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	473.30	557.50	751.70	880.00	1213.00	1480.00
PesoGrapM	71.06	89.67	107.60	121.10	152.00	210.80
PesoGermM	16.00	22.01	24.36	27.35	32.96	41.75
PesoLegnoM	130.00	185.00	220.00	230.40	255.80	360.00
IndFertil	0.41	0.77	0.83	0.85	0.94	1.21
IndRavaz	1.97	2.74	3.47	3.85	4.51	6.67
SPADgiu	31.67	33.31	33.64	33.95	34.94	35.93
NDVigiu	0.54	0.57	0.57	0.59	0.63	0.66
SPADlug	31.77	33.67	35.09	35.59	37.20	43.35
NDVilug	0.46	0.56	0.58	0.57	0.60	0.63
SPADago	29.95	32.05	34.50	34.93	37.86	41.50
NDVIago	0.39	0.46	0.51	0.49	0.52	0.57
Brix	20.71	21.41	21.96	22.10	22.39	23.96
pH	2.98	3.08	3.19	3.19	3.29	3.54
AcTot	5.00	5.50	6.20	6.36	7.12	8.00
AcTartarico	6.68	7.74	8.49	8.38	9.06	9.68
AcMalico	0.76	0.94	1.01	1.16	1.21	2.48
Potassio	1.24	1.26	1.29	1.36	1.34	2.06
APA	10.00	29.25	46.00	51.06	62.25	103.00
AntocTot	533.90	674.90	832.50	916.90	1025.00	1611.00
PolifTot	1513.00	1599.00	1676.00	1777.00	1890.00	2666.00

Anno: Y09 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	315.00	548.80	796.70	902.10	1038.00	2180.00
PesoGrapM	56.61	86.37	116.20	126.90	169.70	210.00
PesoGermM	17.15	20.68	23.91	30.08	31.22	68.33
PesoLegnoM	175.00	187.50	203.30	263.10	282.50	580.00
IndFertil	0.52	0.63	0.73	0.78	0.89	1.25
IndRavaz	1.90	2.53	3.48	3.76	4.59	7.84
SPADgiu	31.25	33.46	34.31	34.59	36.46	38.25
NDVigiu	0.57	0.61	0.64	0.65	0.67	0.75
SPADlug	30.73	34.04	35.36	35.88	37.57	41.50
NDVilug	0.49	0.60	0.62	0.62	0.66	0.70
SPADago	30.40	34.99	35.72	35.87	37.10	40.33
NDVIago	0.43	0.50	0.52	0.53	0.57	0.63
Brix	21.09	22.70	23.42	23.47	24.41	26.16
pH	3.05	3.27	3.35	3.35	3.42	3.72
AcTot	4.30	4.45	4.90	5.11	5.40	7.40
AcTartarico	6.25	6.58	7.06	7.17	7.49	9.27
AcMalico	0.54	0.82	1.05	1.04	1.13	1.84
Potassio	1.19	1.25	1.32	1.38	1.45	1.91
APA	10.00	16.50	55.00	55.27	68.50	192.00
AntocTot	296.60	809.80	892.50	880.50	1017.00	1168.00
PolifTot	1282.00	1708.00	1779.00	1820.00	2043.00	2324.00

Anno: Y09 - Blocco: BL4 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	686.70	1185.00	1390.00	1598.00	2173.00	3040.00
PesoGrapM	98.10	183.20	239.30	234.40	297.50	352.60
PesoGermM	31.28	42.81	52.14	52.20	54.34	99.01
PesoLegnoM	306.70	371.70	418.30	429.60	452.50	686.70
IndFertil	0.40	0.74	0.85	0.84	1.03	1.19
IndRavaz	2.02	2.58	3.87	3.99	5.10	7.70
SPADgiu	35.50	37.27	38.30	39.12	40.60	44.50
NDVigiu	0.63	0.70	0.73	0.72	0.74	0.82
SPADlug	40.73	42.83	43.52	43.77	44.79	47.30
NDVilug	0.62	0.70	0.71	0.70	0.72	0.76
SPADago	36.30	39.70	41.40	41.17	42.77	44.55
NDVIago	0.56	0.61	0.65	0.65	0.66	0.78
Brix	19.05	20.89	22.34	21.72	22.82	23.55
pH	3.16	3.23	3.31	3.28	3.33	3.37
AcTot	4.80	5.00	5.15	5.38	5.75	6.30
AcTartarico	6.19	6.59	6.85	6.97	7.30	8.10
AcMalico	1.05	1.40	1.59	1.55	1.66	1.97
Potassio	1.21	1.33	1.36	1.38	1.42	1.54
APA	22.00	41.75	44.00	46.38	51.75	86.00
AntocTot	364.10	534.80	596.30	587.00	642.70	772.60
PolifTot	1183.00	1279.00	1349.00	1376.00	1457.00	1628.00

Anno: Y09 - Blocco: BL4 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	666.70	1048.00	1318.00	1730.00	2487.00	3590.00
PesoGrapM	120.00	158.90	219.80	233.80	291.10	424.80
PesoGermM	25.09	43.85	48.18	56.30	64.33	129.20
PesoLegnoM	260.00	378.30	416.70	464.40	515.00	980.00
IndFertil	0.46	0.74	0.85	0.87	0.97	1.56
IndRavaz	1.24	2.46	3.51	4.07	5.34	10.01
SPADgiu	36.05	37.94	38.90	39.29	40.54	43.37
NDVigiu	0.63	0.68	0.71	0.70	0.73	0.73
SPADlug	39.75	43.74	44.39	44.55	45.09	48.25
NDVilug	0.70	0.72	0.75	0.74	0.76	0.78
SPADago	39.47	41.82	44.19	43.25	44.45	45.50
NDVIago	0.62	0.69	0.71	0.70	0.72	0.75
Brix	20.93	23.16	23.68	23.63	24.57	25.55
pH	3.23	3.42	3.46	3.48	3.60	3.70
AcTot	3.70	4.08	4.35	4.42	4.58	5.70
AcTartarico	5.62	5.91	6.04	6.22	6.47	7.42
AcMalico	1.14	1.28	1.55	1.54	1.77	1.94
Potassio	1.20	1.41	1.58	1.55	1.68	1.84
APA	10.00	25.00	55.00	47.38	59.50	108.00
AntocTot	509.80	636.90	719.00	731.00	827.30	1040.00
PolifTot	1257.00	1434.00	1562.00	1595.00	1697.00	2082.00

1.1.2 Sommari per Tesi entro Blocco

Anno: Y07

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	612.50	130.00	25.25	193.34	0.61	3.19	33.69	-	36.53
BL1	T2	R1	945.83	212.85	31.69	231.67	0.65	4.15	33.86	-	36.69
BL1	T3	R1	358.33	91.39	23.75	180.00	0.54	1.98	34.04	-	36.53
BL1	T4	R1	420.00	125.07	28.19	203.34	0.53	2.03	32.62	-	37.19
BL1	T5	R1	990.00	125.41	24.61	180.00	0.93	6.31	33.51	-	31.88
BL1	T6	R1	1075.00	133.22	26.09	191.67	1.10	5.66	35.23	-	34.87
BL1	T7	R1	875.00	119.23	21.53	198.34	0.92	4.30	33.32	-	34.63
BL1	T8	R1	620.83	80.96	19.97	190.00	0.84	3.36	34.73	-	36.28
BL2	T1	R1	841.67	147.74	25.77	188.34	0.87	4.88	34.39	-	34.03
BL2	T2	R1	1083.33	221.55	29.82	206.67	0.79	5.27	34.89	-	35.38
BL2	T3	R1	725.00	127.01	29.26	211.67	0.80	3.83	32.26	-	32.59
BL2	T4	R1	733.33	135.56	28.06	220.00	0.77	3.38	36.38	-	32.11
BL2	T5	R1	2141.67	245.21	24.40	195.00	1.24	12.04	32.65	-	27.22
BL2	T6	R1	1520.83	195.24	23.75	176.67	1.09	8.77	30.79	-	31.72
BL2	T7	R1	1312.50	140.11	16.90	161.67	1.10	8.40	34.33	-	31.72
BL2	T8	R1	841.67	106.55	20.29	180.00	0.95	4.74	35.55	-	33.09
BL4	T1	R1	2266.67	350.01	49.94	356.67	1.03	7.94	35.43	-	40.18
BL4	T2	R1	1987.50	282.34	53.06	416.67	1.17	5.56	32.62	-	38.37
BL4	T3	R1	1629.17	231.98	33.12	241.67	1.01	6.81	33.37	-	41.06
BL4	T4	R1	1408.33	244.74	37.68	261.67	0.90	5.90	34.84	-	40.02
BL4	T5	R1	1887.50	179.99	25.63	241.67	1.09	8.79	34.00	-	37.99
BL4	T6	R1	2441.67	303.59	30.97	253.34	1.54	9.66	34.38	-	35.52
BL4	T7	R1	2429.17	232.02	24.06	220.00	1.08	12.59	33.58	-	36.77
BL4	T8	R1	2208.33	247.36	27.43	265.00	1.30	8.89	34.92	-	38.29
BL1	T1	R2	816.67	127.08	28.84	215.00	0.83	3.75	33.01	-	37.61
BL1	T2	R2	645.83	170.28	32.37	246.67	0.53	2.66	35.62	-	38.78
BL1	T3	R2	650.00	110.49	24.86	211.67	0.69	3.07	31.03	-	37.61
BL1	T4	R2	508.33	114.03	23.93	168.34	0.71	3.06	32.29	-	35.06
BL1	T5	R2	1658.33	182.88	21.00	173.34	1.18	10.05	32.98	-	35.39
BL1	T6	R2	883.33	129.85	22.53	171.67	1.13	5.30	33.58	-	37.69
BL1	T7	R2	737.50	68.71	21.13	163.34	1.41	4.62	34.93	-	36.48
BL1	T8	R2	612.50	77.03	21.00	196.67	0.96	3.09	34.36	-	34.68
BL2	T1	R2	787.50	130.12	34.82	235.00	0.84	3.34	35.17	-	31.13
BL2	T2	R2	1358.33	244.79	27.08	198.34	0.84	6.82	36.03	-	35.75
BL2	T3	R2	454.17	111.25	27.92	175.00	0.61	2.63	34.18	-	34.64
BL2	T4	R2	1133.33	216.87	32.66	271.67	0.91	4.04	34.63	-	34.18
BL2	T5	R2	1666.67	167.60	27.50	235.00	1.20	7.44	34.24	-	30.98
BL2	T6	R2	1529.17	177.83	23.88	206.67	1.18	7.66	34.28	-	30.48
BL2	T7	R2	1716.67	158.32	26.39	231.67	1.21	8.43	34.40	-	30.74
BL2	T8	R2	1012.50	126.50	28.90	243.34	1.10	4.16	33.36	-	32.25
BL4	T1	R2	1462.50	255.30	51.32	355.00	0.76	5.08	34.58	-	40.40
BL4	T2	R2	2070.83	308.96	67.69	486.67	0.88	4.72	35.51	-	40.04
BL4	T3	R2	1845.83	258.23	42.97	340.00	0.87	5.56	34.03	-	42.26
BL4	T4	R2	1675.00	253.75	37.53	295.00	0.90	5.37	34.87	-	39.83
BL4	T5	R2	2862.50	254.87	29.61	273.34	1.21	11.08	33.04	-	40.79
BL4	T6	R2	3270.83	367.84	30.88	286.67	1.42	11.63	35.43	-	36.38
BL4	T7	R2	2162.50	281.28	28.17	236.67	0.91	9.66	34.68	-	40.66
BL4	T8	R2	2458.33	330.15	37.62	365.00	0.99	6.99	38.25	-	39.36

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.7921	-	0.5835	20.68	3.25	5.15	6.12	1.16	1.08	170.5	854.83	1420.13
BL1	T2	R1	0.8446	-	0.6181	21.01	3.22	5.25	6.17	1.14	1.13	134.0	871.57	1387.66
BL1	T3	R1	0.7850	-	0.6083	22.28	3.22	5.60	6.43	0.90	0.99	85.5	1043.19	1807.67
BL1	T4	R1	0.8124	-	0.5912	22.36	3.28	5.25	6.17	0.98	1.02	111.0	846.73	1519.68
BL1	T5	R1	0.8253	-	0.6185	21.90	3.20	5.50	6.62	0.60	1.02	82.0	930.48	1532.19
BL1	T6	R1	0.8386	-	0.6161	22.16	3.23	5.50	6.45	0.85	1.00	125.5	858.74	1488.44
BL1	T7	R1	0.8165	-	0.6520	20.74	3.11	6.60	7.63	0.70	1.04	129.0	836.29	1514.12
BL1	T8	R1	0.7696	-	0.5356	23.15	3.22	6.15	7.27	0.82	1.01	103.5	1140.58	1971.93
BL2	T1	R1	0.8366	-	0.6494	21.64	3.15	5.35	6.11	0.98	1.03	56.0	768.72	1277.39
BL2	T2	R1	0.8433	-	0.6484	21.75	3.14	6.15	7.19	0.71	1.01	75.0	747.97	1216.10
BL2	T3	R1	0.8183	-	0.5513	24.63	3.22	5.90	6.94	0.62	1.04	30.0	1200.12	1881.01
BL2	T4	R1	0.7843	-	0.6637	22.94	3.19	5.65	6.71	0.31	0.99	36.0	787.57	1345.31
BL2	T5	R1	0.8389	-	0.6902	21.44	3.13	5.45	6.36	0.78	0.96	39.5	770.47	1280.85
BL2	T6	R1	0.8224	-	0.6329	22.72	3.22	5.10	6.33	0.42	0.93	15.5	1114.80	1765.19
BL2	T7	R1	0.8473	-	0.6209	21.27	3.04	7.15	8.33	0.24	1.05	53.0	901.71	1711.53
BL2	T8	R1	0.7845	-	0.5972	23.31	3.11	6.40	7.27	0.45	1.03	36.5	1007.46	1573.36
BL4	T1	R1	0.8759	-	0.6781	21.20	3.13	5.25	5.63	1.18	0.95	50.0	802.57	1248.10
BL4	T2	R1	0.8752	-	0.6037	18.89	3.09	5.55	5.62	1.66	1.06	87.0	565.21	1003.43
BL4	T3	R1	0.8579	-	0.6797	20.81	3.17	5.30	5.68	1.37	0.89	79.5	716.52	1243.12
BL4	T4	R1	0.8338	-	0.7048	20.58	3.09	5.90	6.56	0.75	0.84	61.5	963.28	1469.01
BL4	T5	R1	0.8518	-	0.6354	18.83	3.07	5.90	6.38	1.32	0.96	89.5	730.48	1286.36
BL4	T6	R1	0.8600	-	0.5532	21.39	3.17	5.55	6.37	0.90	0.95	59.5	719.58	1288.38
BL4	T7	R1	0.8701	-	0.6385	19.78	3.06	6.00	6.37	1.19	0.91	69.5	556.30	928.82
BL4	T8	R1	0.8618	-	0.6268	21.30	3.17	5.05	5.75	0.97	0.88	52.0	563.27	841.08
BL1	T1	R2	0.8502	-	0.5889	23.44	3.37	5.05	6.70	1.17	0.96	185.5	439.29	878.25
BL1	T2	R2	0.7817	-	0.6268	22.71	3.32	5.30	6.84	1.12	1.03	154.5	450.68	859.21
BL1	T3	R2	0.7659	-	0.6726	23.36	3.33	5.35	6.85	1.18	0.93	139.0	762.75	1366.60
BL1	T4	R2	0.7262	-	0.6104	24.77	3.34	5.70	7.20	0.99	0.98	149.5	713.27	1380.09
BL1	T5	R2	0.7978	-	0.6693	23.73	3.30	5.70	7.36	0.83	0.98	124.5	550.78	1127.80
BL1	T6	R2	0.8168	-	0.6030	23.78	3.31	5.40	6.92	0.92	0.95	161.5	562.37	1182.15
BL1	T7	R2	0.7806	-	0.5878	24.89	3.25	6.60	8.08	0.60	0.96	140.0	586.35	1306.35
BL1	T8	R2	0.7550	-	0.6276	25.62	3.33	6.00	7.50	0.95	1.05	126.0	706.25	1318.91
BL2	T1	R2	0.8072	-	0.6514	23.86	3.34	5.00	6.78	0.75	1.01	97.5	918.75	1386.67
BL2	T2	R2	0.8596	-	0.6453	21.85	3.23	6.00	7.58	1.01	1.00	114.0	686.08	1140.49
BL2	T3	R2	0.8316	-	0.5421	26.94	3.43	5.30	7.12	1.12	1.13	57.0	779.76	1428.25
BL2	T4	R2	0.8316	-	0.6530	24.11	3.26	5.50	7.14	0.88	1.00	75.0	891.59	1280.06
BL2	T5	R2	0.8139	-	0.5871	21.59	3.19	6.45	8.10	0.72	0.98	122.0	797.37	1341.23
BL2	T6	R2	0.8057	-	0.5870	21.40	3.21	5.75	7.34	0.71	0.93	94.0	727.00	1260.39
BL2	T7	R2	0.8740	-	0.6212	20.00	3.10	7.10	8.80	0.46	1.03	97.5	719.04	1267.49
BL2	T8	R2	0.7432	-	0.5518	26.16	3.33	5.45	7.19	1.04	1.09	60.0	735.15	1100.32
BL4	T1	R2	0.8742	-	0.6240	24.13	3.36	4.95	6.40	1.28	1.00	76.5	633.99	1065.21
BL4	T2	R2	0.8710	-	0.6697	21.45	3.29	4.80	6.14	1.30	0.93	108.0	566.45	946.69
BL4	T3	R2	0.8546	-	0.6947	21.98	3.32	4.90	6.13	1.36	0.96	104.5	752.01	1281.66
BL4	T4	R2	0.8213	-	0.6864	22.62	3.27	5.25	6.26	1.20	0.93	97.5	678.39	1063.56
BL4	T5	R2	0.8623	-	0.6734	19.40	3.19	5.70	6.82	1.38	0.97	120.0	422.94	803.03
BL4	T6	R2	0.8659	-	0.6409	19.99	3.25	4.85	6.01	1.37	1.00	112.5	528.81	903.50
BL4	T7	R2	0.8377	-	0.5735	21.81	3.24	5.15	6.29	1.09	0.82	103.0	523.13	983.31
BL4	T8	R2	0.8618	-	0.6897	22.89	3.29	5.10	6.47	0.98	0.85	82.5	857.74	1258.85

Anno: Y08

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	923.33	145.13	41.65	303.34	0.87	3.11	32.98	34.99	32.47
BL1	T2	R1	915.00	186.83	37.61	236.67	0.81	3.92	32.40	34.64	32.13
BL1	T3	R1	705.00	102.44	33.18	261.67	0.83	2.58	34.59	36.09	32.22
BL1	T4	R1	793.33	124.67	37.86	266.67	1.02	3.12	30.94	35.49	32.29
BL1	T5	R1	818.33	121.83	25.05	221.67	0.78	3.77	32.88	38.43	30.29
BL1	T6	R1	1231.67	175.22	29.65	261.67	0.81	4.63	34.38	33.59	32.47
BL1	T7	R1	735.00	82.88	24.22	236.67	0.89	3.31	32.07	32.33	33.02
BL1	T8	R1	831.67	126.17	26.64	263.34	0.76	3.41	32.36	32.03	30.57
BL2	T1	R1	1006.67	138.12	37.45	288.34	0.95	3.57	32.84	29.60	33.92
BL2	T2	R1	957.50	148.96	35.57	250.00	1.29	3.92	32.19	33.73	33.01
BL2	T3	R1	842.50	107.92	35.37	230.00	1.06	3.46	32.15	32.00	29.33
BL2	T4	R1	771.67	119.88	29.56	228.34	0.99	3.58	30.86	33.26	36.16
BL2	T5	R1	1226.67	178.14	26.42	213.34	0.85	5.73	30.94	32.64	29.93
BL2	T6	R1	828.33	122.46	23.87	205.00	0.79	4.10	33.41	28.63	32.08
BL2	T7	R1	615.00	86.92	16.45	157.50	0.74	4.13	31.31	33.85	32.14
BL2	T8	R1	627.50	100.69	23.55	195.00	0.89	3.21	32.19	33.31	30.94
BL3	T1	R1	1096.67	154.01	27.98	206.67	0.98	5.32	32.95	35.44	33.83
BL3	T2	R1	1146.67	176.26	34.54	263.34	0.96	4.66	33.47	37.22	28.92
BL3	T3	R1	1655.00	169.81	52.65	376.67	1.27	4.37	35.17	31.09	35.55
BL3	T4	R1	674.17	114.44	29.40	219.17	0.81	3.29	31.73	36.55	34.06
BL3	T5	R1	983.33	107.96	20.94	190.00	0.92	5.14	32.58	36.71	30.54
BL3	T6	R1	935.00	196.00	21.97	211.67	0.51	4.07	30.54	34.24	29.16
BL3	T7	R1	1198.33	106.34	32.36	330.00	1.14	4.35	31.31	31.46	34.85
BL3	T8	R1	908.33	130.58	36.44	328.34	0.75	3.14	32.83	34.36	33.21
BL4	T1	R1	1525.00	187.61	61.60	485.00	1.05	3.43	38.78	41.65	38.83
BL4	T2	R1	2143.33	303.02	66.93	546.67	0.87	3.81	36.66	40.37	38.47
BL4	T3	R1	1641.67	176.45	44.29	316.67	1.30	5.75	36.53	42.19	42.35
BL4	T4	R1	1533.33	196.49	46.61	351.67	1.06	4.66	34.48	41.80	38.35
BL4	T5	R1	2011.67	184.40	39.92	360.00	1.24	6.07	36.13	39.16	35.90
BL4	T6	R1	1831.67	256.27	38.03	341.67	0.81	6.25	35.26	39.31	37.45
BL4	T7	R1	1348.33	138.67	40.65	358.34	1.10	4.02	33.78	39.51	39.78
BL4	T8	R1	1415.00	187.00	32.57	346.67	0.76	4.21	34.49	39.18	42.56
BL1	T1	R2	1043.33	174.40	36.93	245.00	0.91	4.51	33.32	35.39	32.47
BL1	T2	R2	1150.00	227.56	43.11	306.67	0.72	3.95	34.45	37.68	34.27
BL1	T3	R2	771.67	100.38	31.38	253.34	0.95	3.03	31.48	32.78	32.07
BL1	T4	R2	681.67	111.40	25.15	233.34	0.63	2.91	32.17	35.71	31.53
BL1	T5	R2	860.00	140.51	26.93	235.00	0.79	4.20	34.21	32.36	31.47
BL1	T6	R2	931.67	155.63	29.74	258.34	0.79	3.59	32.35	33.99	32.27
BL1	T7	R2	580.00	84.54	17.94	180.00	0.71	3.44	32.78	32.11	30.68
BL1	T8	R2	626.67	111.00	21.94	211.67	0.63	3.45	32.68	32.66	32.55
BL2	T1	R2	986.67	157.96	37.28	238.34	0.96	4.04	33.08	31.06	34.46
BL2	T2	R2	1702.50	339.33	44.94	277.50	1.32	5.97	33.28	33.26	32.63
BL2	T3	R2	536.67	87.96	35.56	250.00	0.94	2.15	32.65	32.60	31.18
BL2	T4	R2	590.00	99.37	29.89	223.33	0.94	2.66	32.48	33.53	33.03
BL2	T5	R2	796.67	109.57	14.68	130.00	0.81	6.17	31.45	32.98	31.22
BL2	T6	R2	978.33	155.37	32.49	271.67	0.75	3.65	31.92	30.07	32.47
BL2	T7	R2	630.00	85.04	22.21	185.00	0.84	3.06	32.29	35.19	35.13
BL2	T8	R2	456.67	85.24	25.21	223.34	0.73	2.09	33.75	29.02	33.07
BL3	T1	R2	1081.67	162.57	34.47	265.00	0.86	4.24	36.59	33.84	32.81
BL3	T2	R2	1170.00	186.54	31.13	243.34	1.04	4.75	34.25	36.18	32.45
BL3	T3	R2	1501.67	154.08	48.72	378.34	1.25	3.87	34.62	35.56	35.05
BL3	T4	R2	705.00	99.62	25.27	175.00	1.06	4.33	27.84	35.10	33.73
BL3	T5	R2	1592.50	145.56	41.15	420.00	1.10	4.13	33.81	35.80	34.25
BL3	T6	R2	1188.33	187.06	29.96	296.67	0.75	4.16	33.59	39.23	32.42
BL3	T7	R2	1130.00	101.75	28.08	300.00	1.05	4.34	29.58	33.43	32.70
BL3	T8	R2	581.67	88.85	23.19	213.34	0.71	2.82	32.53	35.10	34.45
BL4	T1	R2	2213.33	276.48	55.03	388.34	1.13	5.81	37.17	41.60	42.03
BL4	T2	R2	2675.00	351.03	53.06	413.34	0.99	7.20	38.45	43.23	41.80
BL4	T3	R2	2446.67	232.04	57.00	470.00	1.29	5.41	37.91	43.19	39.14
BL4	T4	R2	1478.33	196.89	42.36	336.67	1.03	4.61	35.96	41.30	40.18
BL4	T5	R2	2920.00	216.14	49.00	530.00	1.26	6.22	36.94	40.83	37.88
BL4	T6	R2	2205.00	311.67	40.04	386.67	0.75	6.51	36.30	39.38	40.00
BL4	T7	R2	1851.67	190.84	50.31	341.67	1.38	5.65	37.08	38.71	36.52
BL4	T8	R2	1685.00	246.86	62.33	585.00	0.80	2.96	38.51	44.18	41.38

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.6259	0.6512	0.6768	20.73	3.24	5.45	6.89	1.55	1.04	56.0	790.33	1421.94
BL1	T2	R1	0.5958	0.5747	0.5979	21.51	3.31	5.05	6.56	1.39	1.22	42.5	746.79	1410.65
BL1	T3	R1	0.6097	0.6342	0.6297	22.52	3.26	5.60	7.01	1.43	1.09	17.5	1073.35	2168.68
BL1	T4	R1	0.6287	0.6988	0.6718	21.54	3.23	5.45	6.69	1.55	1.07	54.0	977.33	1747.23
BL1	T5	R1	0.6242	0.6516	0.5796	21.82	3.37	5.00	6.64	1.30	1.26	16.0	927.24	1941.99
BL1	T6	R1	0.6594	0.6698	0.6089	20.15	3.18	5.60	6.91	1.51	1.04	56.0	723.09	1420.71
BL1	T7	R1	0.5180	0.6351	0.5692	21.21	3.22	5.85	7.29	1.42	1.06	29.5	745.45	1564.54
BL1	T8	R1	0.6967	0.6715	0.6660	21.85	3.21	5.50	6.86	1.40	1.02	43.0	816.78	1618.31
BL2	T1	R1	0.6524	0.6004	0.5453	22.01	3.16	6.30	7.59	1.35	1.04	25.0	824.94	1643.04
BL2	T2	R1	0.6736	0.6674	0.6071	22.53	3.20	6.00	7.39	1.34	1.08	32.0	1042.38	1926.21
BL2	T3	R1	0.5849	0.6111	0.5023	23.88	3.19	6.40	7.45	1.75	1.21	10.0	1136.04	2484.13
BL2	T4	R1	0.5871	0.6712	0.6801	23.11	3.18	6.50	7.86	1.53	1.23	10.0	634.70	1576.42
BL2	T5	R1	0.5962	0.6700	0.6581	22.99	3.22	6.00	7.24	1.55	1.14	10.0	877.28	1797.28
BL2	T6	R1	0.6266	0.5370	0.6425	23.39	3.22	6.25	7.65	1.54	1.28	10.0	864.53	1897.57
BL2	T7	R1	0.5644	0.6205	0.6179	23.79	3.20	6.00	7.66	0.99	1.09	10.0	1053.94	1932.07
BL2	T8	R1	0.5890	0.5887	0.5618	24.31	3.20	6.65	8.12	1.34	1.19	10.0	972.77	2445.34
BL3	T1	R1	0.6138	0.6456	0.5388	22.97	3.23	6.10	7.15	1.73	1.20	10.0	972.50	2316.18
BL3	T2	R1	0.5906	0.5895	0.5508	20.94	3.09	6.50	7.59	1.39	1.08	25.5	650.89	1505.18
BL3	T3	R1	0.5593	0.7233	0.6030	20.73	3.02	7.15	8.42	1.32	1.17	33.0	665.71	1631.45
BL3	T4	R1	0.4857	0.6130	0.6001	22.85	3.16	6.70	8.06	1.31	1.21	10.0	949.79	2316.13
BL3	T5	R1	0.5058	0.6078	0.5176	21.73	3.14	6.95	8.45	1.31	1.34	17.0	668.24	1313.79
BL3	T6	R1	0.6090	0.5711	0.5481	20.36	3.06	6.95	8.09	1.36	1.12	29.5	737.57	1871.92
BL3	T7	R1	0.4817	0.6377	0.6071	22.45	3.08	7.05	8.42	1.11	1.20	10.0	848.87	2057.60
BL3	T8	R1	0.6638	0.6510	0.5465	23.94	3.21	6.45	7.77	1.30	1.15	10.0	949.17	2090.33
BL4	T1	R1	0.7411	0.7715	0.5759	20.14	3.09	7.00	7.76	1.98	1.15	40.5	523.46	1112.00
BL4	T2	R1	0.7334	0.7571	0.5024	20.70	3.19	6.40	6.82	2.70	1.26	63.0	630.27	1295.49
BL4	T3	R1	0.6760	0.7288	0.5342	20.65	3.15	6.70	7.26	2.28	1.17	58.5	556.27	1362.88
BL4	T4	R1	0.7131	0.7870	0.5571	21.64	3.18	6.25	6.77	2.23	1.15	52.0	590.31	1228.84
BL4	T5	R1	0.6386	0.6846	0.6463	16.96	3.10	7.55	8.35	2.41	1.17	121.5	400.49	1398.75
BL4	T6	R1	0.7431	0.7265	0.5332	20.31	3.15	6.50	7.06	2.53	1.23	59.5	492.97	1265.27
BL4	T7	R1	0.6888	0.7118	0.4944	21.71	3.15	6.45	7.22	1.99	1.06	39.0	610.50	1490.14
BL4	T8	R1	0.7357	0.6981	0.5381	21.81	3.15	6.15	6.96	2.02	1.20	36.0	810.78	1721.99
BL1	T1	R2	0.5463	0.6704	0.5960	21.95	3.28	4.70	5.99	1.10	0.93	92.5	710.27	1398.29
BL1	T2	R2	0.5942	0.6486	0.5927	22.58	3.25	4.95	6.07	1.06	0.93	55.5	704.01	1181.63
BL1	T3	R2	0.5751	0.5749	0.5974	23.71	3.30	5.20	6.63	0.70	0.97	41.0	734.01	1728.16
BL1	T4	R2	0.6233	0.6501	0.6092	22.53	3.27	4.90	6.23	0.98	0.93	78.0	708.73	1304.40
BL1	T5	R2	0.6370	0.6294	0.5682	22.83	3.26	4.95	6.27	1.03	1.01	45.5	882.85	1644.27
BL1	T6	R2	0.6660	0.6429	0.5632	21.29	3.23	4.80	6.01	1.10	0.82	89.5	559.43	907.92
BL1	T7	R2	0.5065	0.6342	0.5626	22.93	3.28	5.10	6.33	1.13	1.00	47.5	652.63	1244.82
BL1	T8	R2	0.6681	0.6816	0.6203	23.76	3.34	4.95	6.33	1.07	1.00	56.0	874.65	1820.92
BL2	T1	R2	0.6126	0.5742	0.5702	23.79	3.20	6.50	7.23	1.57	1.05	61.5	768.32	1622.01
BL2	T2	R2	0.6611	0.6389	0.6144	22.33	3.17	5.80	6.63	1.36	0.92	49.0	494.17	1232.17
BL2	T3	R2	0.5976	0.5555	0.5917	26.81	3.37	6.20	7.42	1.51	1.37	20.5	1033.18	2283.59
BL2	T4	R2	0.5889	0.6392	0.6116	25.09	3.24	6.05	7.45	0.78	1.13	10.0	971.31	2170.66
BL2	T5	R2	0.6541	0.6268	0.6335	23.48	3.20	5.85	7.01	1.18	1.11	31.0	725.89	1477.22
BL2	T6	R2	0.6126	0.6396	0.5729	24.05	3.21	7.60	7.31	2.98	1.25	90.0	745.38	1319.29
BL2	T7	R2	0.6305	0.6918	0.5824	23.10	3.16	6.00	7.28	0.91	1.00	23.0	858.32	1818.37
BL2	T8	R2	0.6037	0.5985	0.5952	25.78	3.29	6.60	8.01	1.25	1.32	10.0	1077.33	2343.42
BL3	T1	R2	0.5825	0.6209	0.5400	22.67	3.22	5.95	7.07	1.26	1.02	74.0	831.17	1866.57
BL3	T2	R2	0.6508	0.6264	0.5717	21.57	3.14	6.25	7.17	1.32	0.94	46.5	652.50	1597.96
BL3	T3	R2	0.5373	0.6378	0.5941	24.12	3.18	6.45	7.96	0.70	1.05	35.5	776.29	2098.77
BL3	T4	R2	0.5514	0.6412	0.5866	23.80	3.21	6.40	7.70	0.92	1.05	27.5	673.21	1694.99
BL3	T5	R2	0.5534	0.6950	0.6135	20.64	3.04	6.95	8.07	1.12	1.09	41.0	876.51	2165.06
BL3	T6	R2	0.6480	0.6100	0.6002	22.88	3.18	5.80	6.89	1.10	1.02	49.5	383.03	894.43
BL3	T7	R2	0.5266	0.6953	0.5862	24.02	3.17	6.85	8.56	0.65	1.15	32.0	836.34	2021.68
BL3	T8	R2	0.6023	0.6451	0.5904	25.06	3.27	6.00	7.26	1.40	1.21	38.0	881.36	1954.23
BL4	T1	R2	0.7616	0.7538	0.6008	22.06	3.19	6.45	7.09	2.06	1.12	77.5	669.56	1566.08
BL4	T2	R2	0.7689	0.7929	0.6639	22.34	3.28	5.65	6.44	1.83	1.14	76.5	619.07	1405.38
BL4	T3	R2	0.6906	0.7640	0.6019	21.35	3.24	6.20	6.92	1.89	1.03	74.5	674.47	1601.70
BL4	T4	R2	0.6838	0.7557	0.6329	22.27	3.21	5.95	6.85	1.47	0.98	63.0	682.72	1897.67
BL4	T5	R2	0.6404	0.7628	0.5254	20.73	3.23	5.95	6.78	1.81	1.01	94.0	805.24	1498.24
BL4	T6	R2	0.7498	0.7879	0.5579	21.75	3.23	5.90	6.74	1.76	1.10	71.5	784.11	1828.75
BL4	T7	R2	0.7574	0.7506	0.6353	21.72	3.21	6.15	7.17	1.49	1.04	70.5	700.80	1769.86
BL4	T8	R2	0.7015	0.7408	0.6585	23.73	3.30	5.60	6.53	1.71	1.17	85.0	524.31	1233.21

Anno: Y09

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1023.33	207.13	32.38	218.34	0.77	4.92	34.24	31.06	30.78
BL1	T2	R1	525.83	116.32	29.13	199.17	0.80	2.59	32.18	35.25	31.18
BL1	T3	R1	407.50	126.50	28.45	180.00	0.48	2.37	32.57	34.13	31.39
BL1	T4	R1	178.00	51.97	24.69	161.00	0.55	1.18	32.05	32.68	33.60
BL1	T5	R1	1036.67	155.21	24.17	176.67	1.03	6.37	34.58	31.68	28.68
BL1	T6	R1	723.33	102.98	15.29	118.34	0.93	6.51	30.92	32.33	28.73
BL1	T7	R1	548.33	82.65	15.70	133.34	0.81	4.45	31.39	33.30	29.01
BL1	T8	R1	425.83	64.65	20.27	170.00	0.81	2.69	30.75	36.31	30.07
BL2	T1	R1	793.33	160.89	26.39	180.00	0.74	4.28	30.12	33.85	32.55
BL2	T2	R1	670.00	121.10	35.37	258.00	0.66	2.54	36.80	37.19	36.20
BL2	T3	R1	526.67	162.22	30.44	213.34	0.51	2.81	35.05	35.18	32.37
BL2	T4	R1	537.50	104.66	37.44	250.00	0.64	2.25	32.09	35.44	30.79
BL2	T5	R1	676.67	171.28	24.11	200.00	0.44	3.27	31.12	32.57	32.62
BL2	T6	R1	605.00	97.54	29.55	212.50	0.77	2.71	35.59	33.68	31.75
BL2	T7	R1	491.67	116.97	19.11	145.00	0.69	3.43	32.48	34.28	30.80
BL2	T8	R1	326.67	67.26	21.26	163.34	0.60	2.21	32.00	33.43	32.05
BL3	T1	R1	976.67	164.58	33.97	233.34	0.80	4.03	32.98	33.26	33.60
BL3	T2	R1	511.67	86.67	32.33	210.00	0.93	2.58	34.24	36.33	33.63
BL3	T3	R1	1211.67	154.71	38.21	301.67	0.96	4.85	34.24	40.94	41.03
BL3	T4	R1	573.33	81.58	20.63	155.00	0.98	3.97	33.02	36.60	35.25
BL3	T5	R1	1023.33	149.70	22.63	223.34	0.69	4.37	34.63	34.45	31.55
BL3	T6	R1	751.67	91.00	19.14	195.00	0.79	3.82	34.77	32.03	31.54
BL3	T7	R1	1296.67	158.45	28.42	290.00	0.84	4.30	35.07	37.85	36.50
BL3	T8	R1	695.00	81.96	23.45	235.00	0.80	2.84	32.66	33.22	36.38
BL4	T1	R1	2626.67	330.96	57.87	445.00	1.04	6.80	41.93	43.81	40.24
BL4	T2	R1	1403.33	232.17	76.38	543.34	0.92	2.67	39.65	44.80	41.56
BL4	T3	R1	1131.67	251.86	53.41	378.34	0.65	3.10	37.22	43.53	41.53
BL4	T4	R1	1370.00	161.78	54.42	423.34	1.11	3.39	37.20	44.68	43.23
BL4	T5	R1	1790.00	190.61	39.22	390.00	0.95	4.66	37.23	40.79	37.57
BL4	T6	R1	1778.33	287.64	42.77	411.67	0.66	4.47	40.29	44.61	40.52
BL4	T7	R1	1716.67	267.13	38.05	386.67	0.64	4.68	37.33	43.31	41.08
BL4	T8	R1	968.33	153.21	55.47	458.34	0.77	2.14	42.13	44.62	43.61
BL1	T1	R2	620.00	152.00	24.02	146.67	0.72	4.51	33.65	31.55	33.72
BL1	T2	R2	761.67	183.33	34.06	215.00	0.73	3.56	31.46	36.30	30.17
BL1	T3	R2	613.33	103.83	25.97	183.33	0.90	3.62	32.87	36.88	34.08
BL1	T4	R2	290.00	68.17	28.04	197.50	0.62	1.68	32.08	35.53	33.13
BL1	T5	R2	905.00	160.14	20.23	146.67	0.74	6.84	32.80	33.63	30.39
BL1	T6	R2	635.00	108.04	15.49	133.34	0.69	4.59	33.94	32.20	33.88
BL1	T7	R2	550.00	91.20	13.74	118.34	0.72	4.66	32.18	35.96	31.98
BL1	T8	R2	361.67	70.21	22.29	181.67	0.68	2.03	30.89	35.68	32.48
BL2	T1	R2	753.33	155.50	27.71	193.34	0.64	4.13	30.77	33.63	31.93
BL2	T2	R2	556.67	110.17	33.53	220.00	0.87	2.90	39.67	35.72	33.05
BL2	T3	R2	532.50	106.27	28.63	195.00	0.75	2.69	34.30	33.61	29.91
BL2	T4	R2	346.67	78.00	26.45	203.33	0.72	1.89	32.67	32.82	31.05
BL2	T5	R2	406.67	140.56	24.06	220.00	0.34	1.85	33.57	31.15	29.43
BL2	T6	R2	593.33	98.94	18.22	185.00	0.62	3.32	37.27	34.01	30.59
BL2	T7	R2	547.50	142.83	26.48	217.50	0.32	2.44	33.91	36.74	34.78
BL2	T8	R2	386.67	70.15	18.58	176.67	0.66	2.20	31.88	32.98	32.70
BL3	T1	R2	981.67	151.33	26.91	210.00	0.86	4.80	34.03	31.37	34.91
BL3	T2	R2	590.00	93.33	45.17	370.00	0.75	2.64	34.07	37.38	36.10
BL3	T3	R2	1228.33	208.50	36.60	328.34	0.64	4.04	37.38	41.20	38.87
BL3	T4	R2	354.17	62.19	27.26	200.84	0.74	2.19	33.97	34.13	33.59
BL3	T5	R2	1446.67	150.22	25.30	240.00	0.91	5.70	31.46	36.55	36.02
BL3	T6	R2	830.00	108.45	22.59	185.00	0.97	4.71	34.31	35.29	32.33
BL3	T7	R2	1361.67	169.82	38.39	393.34	0.74	3.66	36.58	38.44	37.38
BL3	T8	R2	424.17	71.62	18.43	177.50	0.62	2.32	34.98	32.72	37.78
BL4	T1	R2	3055.00	370.41	59.45	403.34	1.26	8.04	41.40	44.88	44.58
BL4	T2	R2	933.33	163.89	61.86	460.00	0.75	2.36	40.58	42.19	44.95
BL4	T3	R2	2188.33	281.50	54.86	446.67	0.94	5.07	38.18	46.09	44.12
BL4	T4	R2	896.67	120.65	43.33	390.00	0.83	2.35	37.89	44.61	44.54
BL4	T5	R2	2951.67	291.60	44.06	516.67	0.91	5.76	36.53	43.47	39.86
BL4	T6	R2	1185.00	214.28	47.66	411.67	0.72	2.88	39.72	45.86	41.63
BL4	T7	R2	1406.67	240.09	44.60	386.67	0.68	4.24	37.55	42.78	42.77
BL4	T8	R2	1221.67	187.75	94.60	700.00	0.87	1.87	42.43	46.51	43.52

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.6096	0.5573	0.4785	21.96	3.32	5.15	7.33	1.16	1.41	68.5	805.41	1709.39
BL1	T2	R1	0.6255	0.5794	0.5700	22.69	3.51	4.20	6.31	1.63	1.71	73.0	841.67	1553.33
BL1	T3	R1	0.5529	0.5409	0.5189	24.17	3.44	4.90	7.40	0.94	1.48	10.0	1188.98	2749.06
BL1	T4	R1	0.5867	0.5494	0.5307	23.56	3.43	4.85	7.09	1.07	1.49	56.0	906.44	1993.64
BL1	T5	R1	0.6456	0.5145	0.4745	23.13	3.40	4.55	6.72	1.20	1.52	15.5	904.44	1754.50
BL1	T6	R1	0.6781	0.5508	0.4819	21.87	3.38	4.85	7.19	1.22	1.41	72.5	873.10	1575.13
BL1	T7	R1	0.5850	0.5181	0.4872	23.82	3.29	5.35	7.59	0.85	1.42	25.5	1089.72	2348.21
BL1	T8	R1	0.5729	0.5872	0.5859	22.07	3.39	4.80	7.27	1.03	1.43	22.0	1232.53	2447.67
BL2	T1	R1	0.5998	0.5148	0.4372	23.50	3.38	5.10	7.46	1.33	1.50	67.0	912.13	1700.94
BL2	T2	R1	0.6463	0.5895	0.5992	23.51	3.37	4.80	7.05	1.39	1.37	40.0	915.17	1826.59
BL2	T3	R1	0.5789	0.5273	0.4808	25.29	3.42	5.50	7.88	1.25	1.52	16.5	1155.72	2190.67
BL2	T4	R1	0.5447	0.6114	0.5838	25.33	3.32	5.45	7.56	1.06	1.41	10.0	1233.19	2121.91
BL2	T5	R1	0.5990	0.6376	0.5673	23.48	3.27	5.10	7.26	1.08	1.32	10.0	889.52	2008.66
BL2	T6	R1	0.6019	0.6433	0.5809	24.67	3.35	5.20	7.40	1.19	1.47	10.0	1281.48	2137.43
BL2	T7	R1	0.5928	0.5375	0.5477	24.83	3.33	5.40	7.57	1.10	1.37	10.0	1075.90	2160.59
BL2	T8	R1	0.5119	0.4955	0.4811	25.36	3.35	5.45	7.72	1.33	1.47	10.0	1073.78	1902.92
BL3	T1	R1	0.5584	0.5770	0.4915	21.98	3.43	5.25	6.97	2.11	1.82	35.5	1287.54	1846.11
BL3	T2	R1	0.5950	0.5810	0.4047	21.96	3.28	5.85	8.21	1.24	1.36	64.5	859.70	1643.55
BL3	T3	R1	0.5748	0.6046	0.5652	21.15	3.07	7.25	9.19	1.00	1.28	89.0	638.71	1527.63
BL3	T4	R1	0.6292	0.6031	0.5006	23.09	3.14	6.40	8.62	0.91	1.25	17.5	1189.72	2230.73
BL3	T5	R1	0.6535	0.5417	0.4756	20.98	3.06	7.15	9.05	0.94	1.26	51.0	666.46	1574.27
BL3	T6	R1	0.5581	0.5977	0.5201	22.53	3.21	5.85	8.10	1.05	1.25	47.5	958.00	1784.68
BL3	T7	R1	0.5810	0.5445	0.5253	21.31	3.05	7.70	9.52	0.85	1.30	75.0	666.86	1760.03
BL3	T8	R1	0.5724	0.5275	0.4657	23.81	3.33	5.40	7.43	1.24	1.39	28.5	1068.22	1849.03
BL4	T1	R1	0.6659	0.6387	0.6056	19.51	3.16	6.10	7.65	1.71	1.37	49.5	573.96	1237.00
BL4	T2	R1	0.6846	0.7196	0.6810	21.86	3.32	5.20	6.68	1.86	1.48	52.0	502.37	1306.01
BL4	T3	R1	0.7218	0.7256	0.6504	22.97	3.36	5.05	6.76	1.26	1.31	28.0	637.06	1514.76
BL4	T4	R1	0.7855	0.7109	0.7135	22.97	3.33	4.90	6.45	1.52	1.40	47.5	591.35	1344.33
BL4	T5	R1	0.7341	0.7335	0.6249	19.95	3.27	5.90	7.74	1.50	1.34	72.5	429.03	1343.10
BL4	T6	R1	0.7051	0.7099	0.6091	22.47	3.34	4.90	6.40	1.59	1.47	47.0	679.18	1413.37
BL4	T7	R1	0.7263	0.6773	0.6082	22.16	3.23	5.55	7.02	1.41	1.28	32.5	608.36	1556.83
BL4	T8	R1	0.7325	0.7024	0.6830	21.92	3.28	5.40	7.08	1.60	1.36	42.0	675.06	1295.96
BL1	T1	R2	0.6179	0.6576	0.4728	23.39	3.39	4.25	6.35	0.85	1.36	62.5	762.50	1680.43
BL1	T2	R2	0.5927	0.7059	0.5691	23.41	3.42	4.25	6.04	0.97	1.33	39.0	1318.92	2580.52
BL1	T3	R2	0.5159	0.6411	0.5751	25.88	3.35	4.85	6.63	0.74	1.38	25.5	997.26	2483.66
BL1	T4	R2	0.5335	0.6268	0.4711	23.97	3.44	4.25	6.30	0.96	1.52	68.0	858.15	2025.66
BL1	T5	R2	0.6385	0.6477	0.4866	24.31	3.52	4.15	6.47	0.62	1.37	16.0	1172.89	2365.03
BL1	T6	R2	0.5487	0.6820	0.4899	22.42	3.45	3.95	6.06	1.13	1.49	95.5	782.78	1636.43
BL1	T7	R2	0.5457	0.6454	0.5816	24.64	3.37	4.95	6.96	0.79	1.39	40.5	1184.05	2427.21
BL1	T8	R2	0.5225	0.6477	0.5398	25.79	3.47	4.30	6.31	0.95	1.45	29.0	1024.74	2208.08
BL2	T1	R2	0.6012	0.6520	0.4849	25.06	3.39	4.65	6.74	0.81	1.31	52.0	1020.90	2010.00
BL2	T2	R2	0.6196	0.6709	0.6314	24.23	3.26	4.80	6.69	0.87	1.26	29.5	690.77	1670.64
BL2	T3	R2	0.5679	0.5348	0.4463	26.97	3.44	5.05	6.98	1.08	1.61	30.0	1089.53	2340.06
BL2	T4	R2	0.4856	0.6423	0.5853	26.99	3.39	4.95	7.07	0.59	1.36	10.0	892.55	2172.99
BL2	T5	R2	0.5921	0.6741	0.5418	24.78	3.33	4.75	6.61	0.99	1.28	26.5	854.52	1850.35
BL2	T6	R2	0.6486	0.6622	0.5431	25.79	3.38	4.50	6.38	0.88	1.40	32.5	893.69	1750.98
BL2	T7	R2	0.5859	0.5409	0.5831	25.02	3.25	5.15	7.11	0.70	1.30	33.0	1066.46	2083.79
BL2	T8	R2	0.6129	0.5255	0.5040	26.55	3.39	5.10	7.22	0.77	1.29	19.0	1193.87	2284.84
BL3	T1	R2	0.6062	0.6307	0.5257	24.32	3.45	4.65	6.81	1.19	1.50	74.0	1005.04	1805.53
BL3	T2	R2	0.6387	0.6628	0.4733	23.10	3.37	4.65	6.57	1.17	1.41	33.5	826.83	1621.94
BL3	T3	R2	0.6471	0.5949	0.6179	23.97	3.29	5.45	7.57	0.78	1.20	69.5	821.63	1745.66
BL3	T4	R2	0.6549	0.6431	0.5397	25.59	3.35	4.95	7.10	0.70	1.23	10.0	1018.66	2161.96
BL3	T5	R2	0.7307	0.5952	0.5373	21.09	3.05	7.40	9.27	1.03	1.31	60.0	500.50	1807.87
BL3	T6	R2	0.6691	0.6820	0.5573	22.94	3.53	4.65	6.59	1.49	1.62	123.5	575.01	1361.57
BL3	T7	R2	0.6131	0.5593	0.5042	23.33	3.19	5.90	7.88	1.06	1.25	64.0	980.61	1941.76
BL3	T8	R2	0.6137	0.6055	0.4795	22.27	3.43	4.40	6.61	0.90	1.46	10.0	1126.06	2110.87
BL4	T1	R2	0.7163	0.7349	0.7221	22.22	3.29	5.10	6.69	1.55	1.28	52.5	696.67	1423.19
BL4	T2	R2	0.7064	0.7413	0.7033	25.20	3.66	4.20	5.92	1.48	1.81	91.0	726.07	1636.76
BL4	T3	R2	0.6930	0.7588	0.7174	23.36	3.42	4.60	6.39	1.62	1.43	18.0	693.67	1606.76
BL4	T4	R2	0.6863	0.7362	0.7433	24.53	3.55	4.10	5.89	1.56	1.67	41.0	917.96	1970.41
BL4	T5	R2	0.6544	0.7698	0.6729	21.35	3.45	4.65	6.54	1.83	1.57	43.5	629.82	1510.21
BL4	T6	R2	0.7163	0.7470	0.6637	23.91	3.58	4.05	5.79	1.75	1.71	58.5	798.12	1529.59
BL4	T7	R2	0.6808	0.7318	0.6833	24.13	3.42	4.60	6.75	1.17	1.41	16.0	786.98	1662.17
BL4	T8	R2	0.7286	0.7069	0.7196	24.34	3.52	4.05	5.84	1.36	1.50	58.5	598.55	1420.08

1.2 Boxplot (Brolio)

1.2.1 Boxplot per Blocco

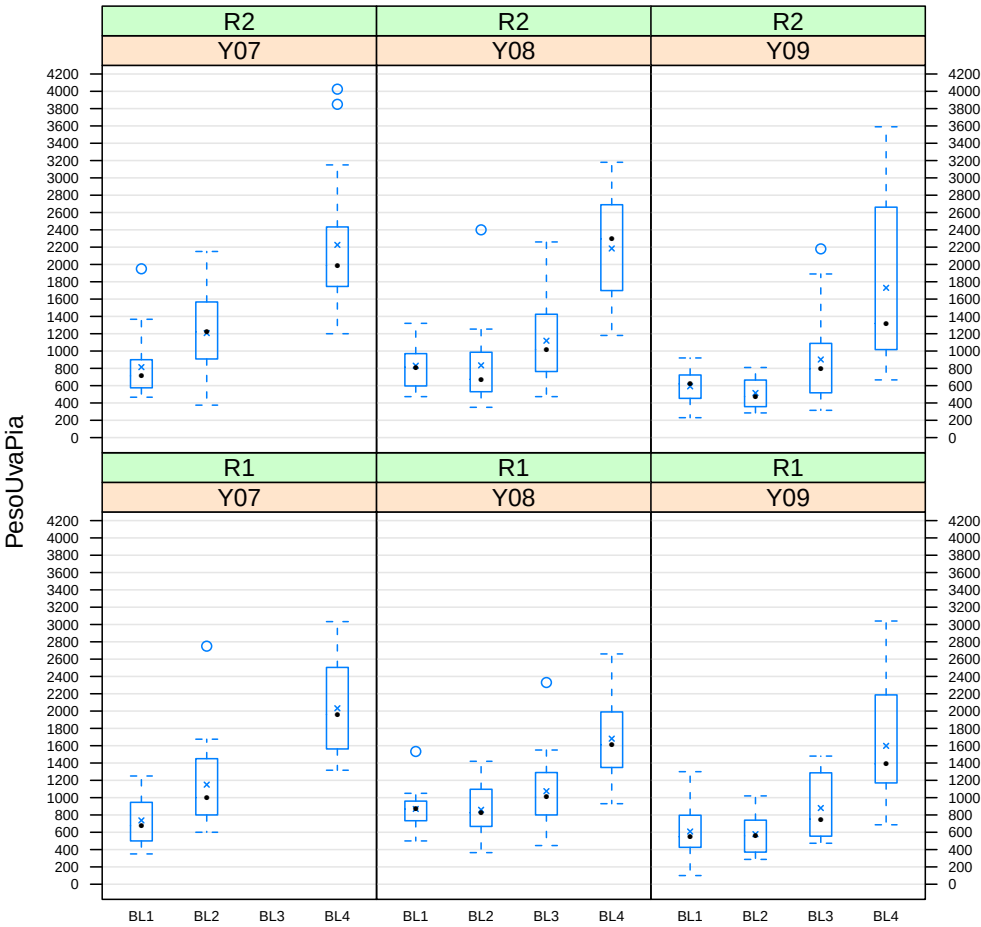


Figura 1.2: Boxplot per Blocco del Peso medio dell’uva per pianta

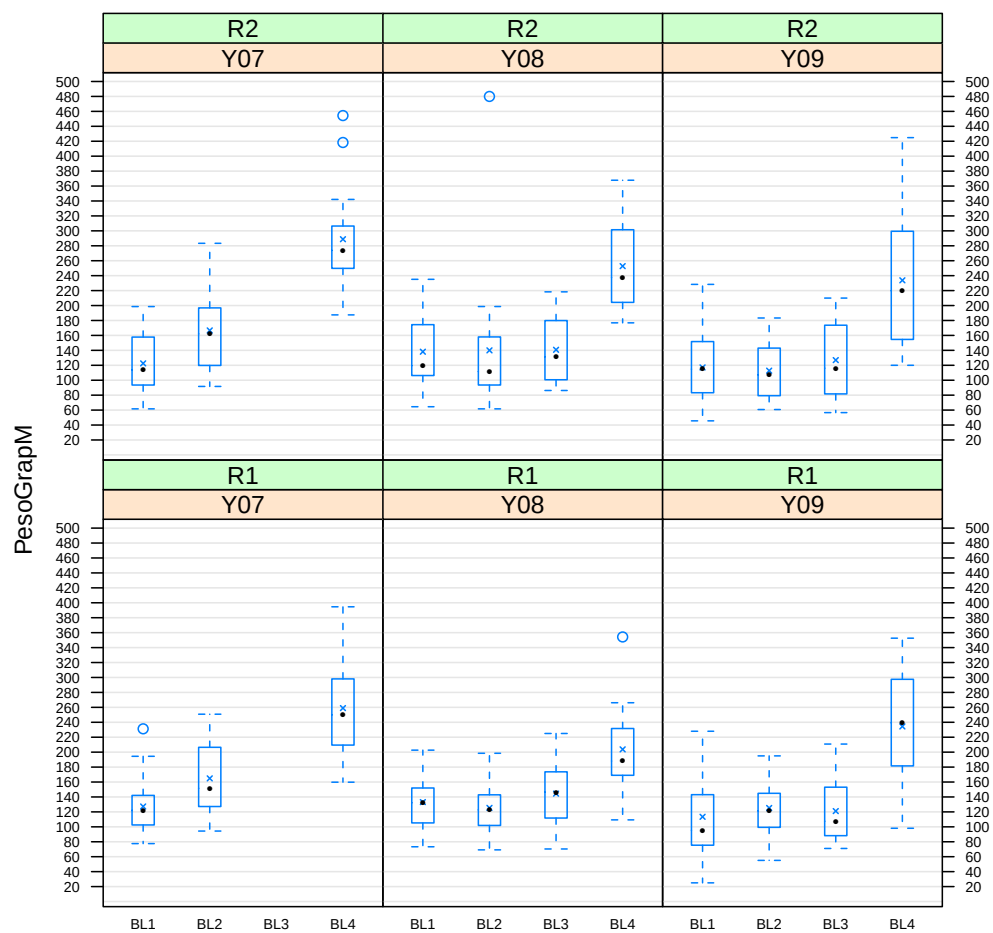


Figura 1.3: Boxplot per Blocco del Peso medio del grappolo

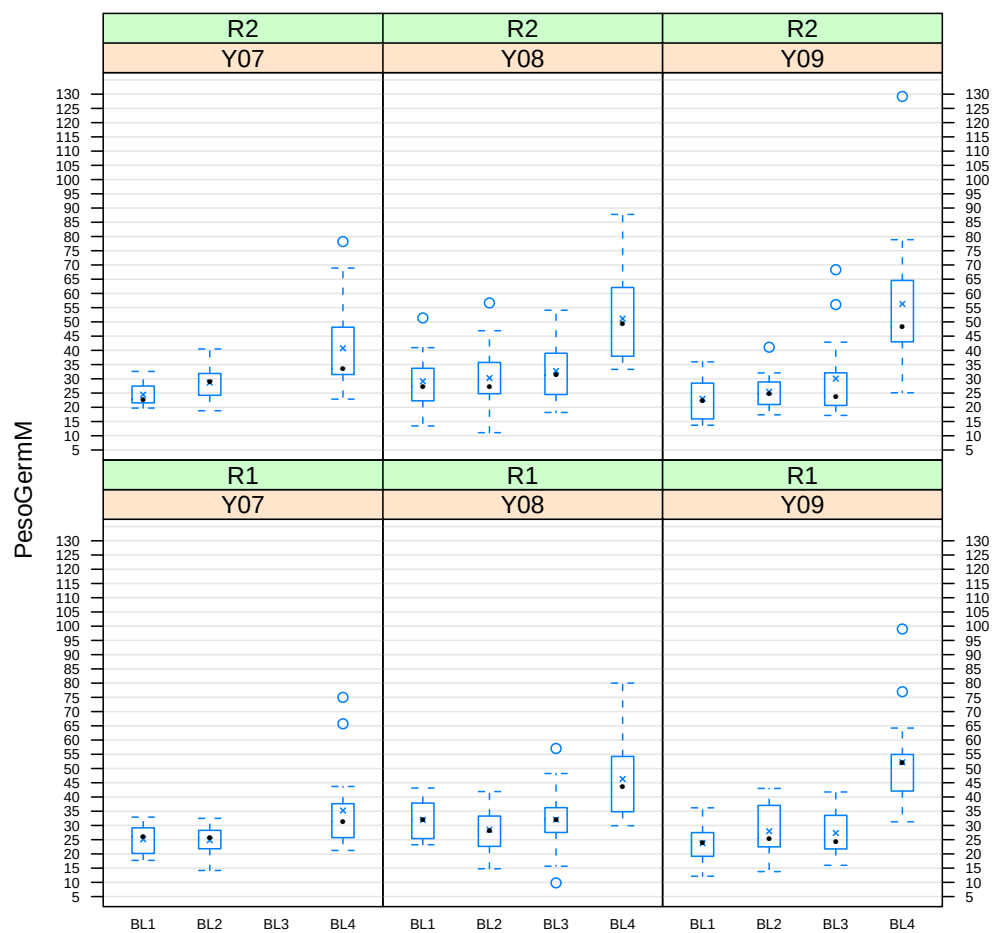


Figura 1.4: Boxplot per Blocco del Peso medio del germoglio

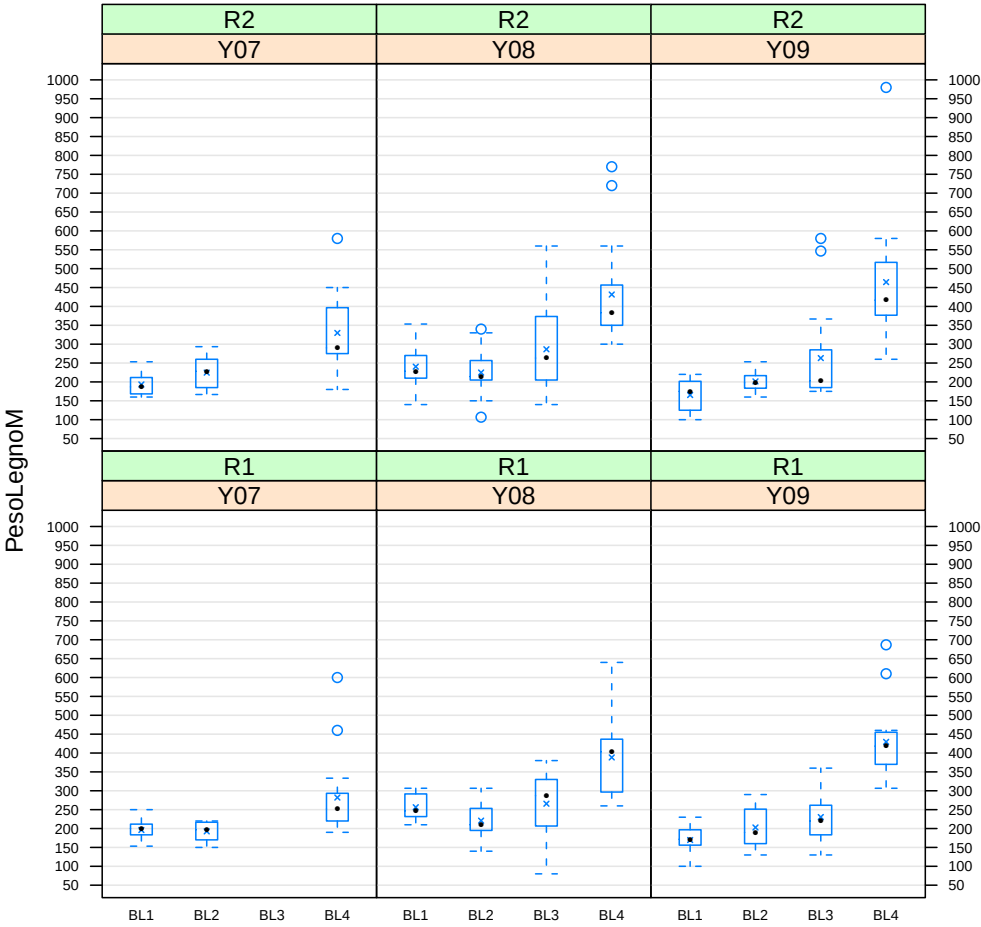


Figura 1.5: Boxplot per Blocco del Peso medio del legno

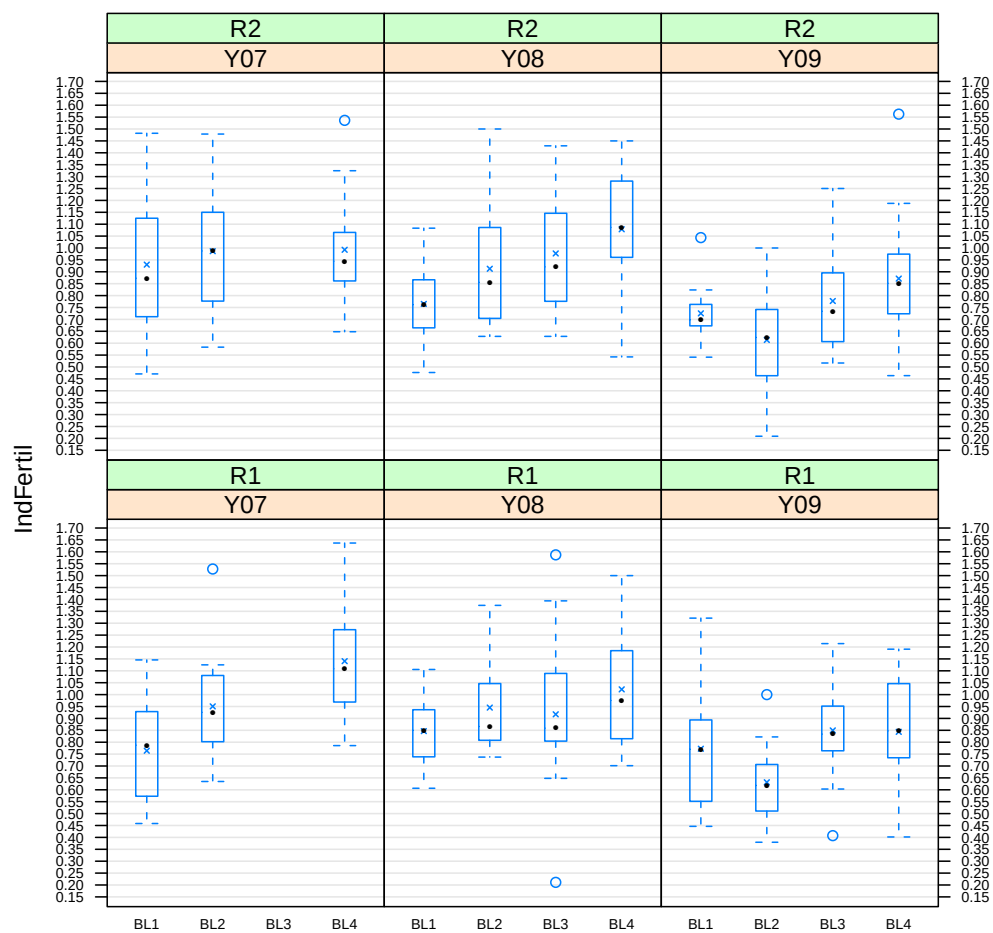


Figura 1.6: Boxplot per Blocco dell'Indice di Fertilità

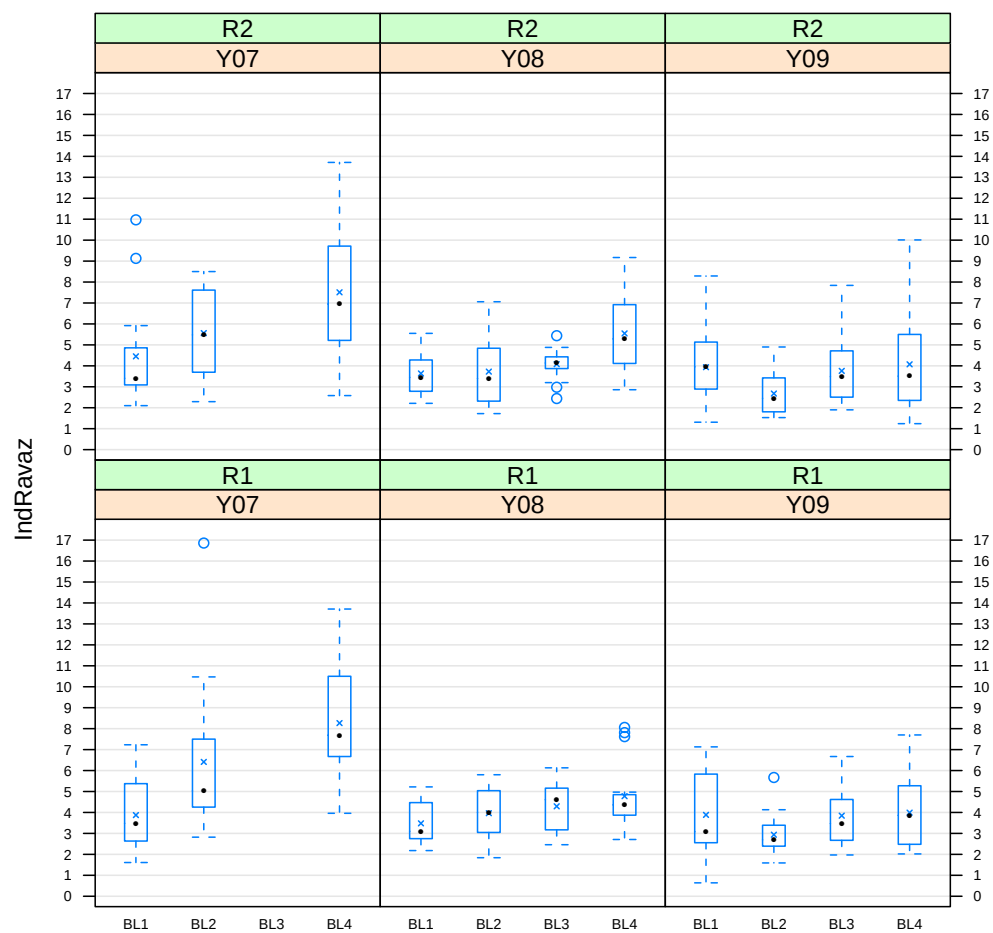


Figura 1.7: Boxplot per Blocco dell'Indice di Ravaz

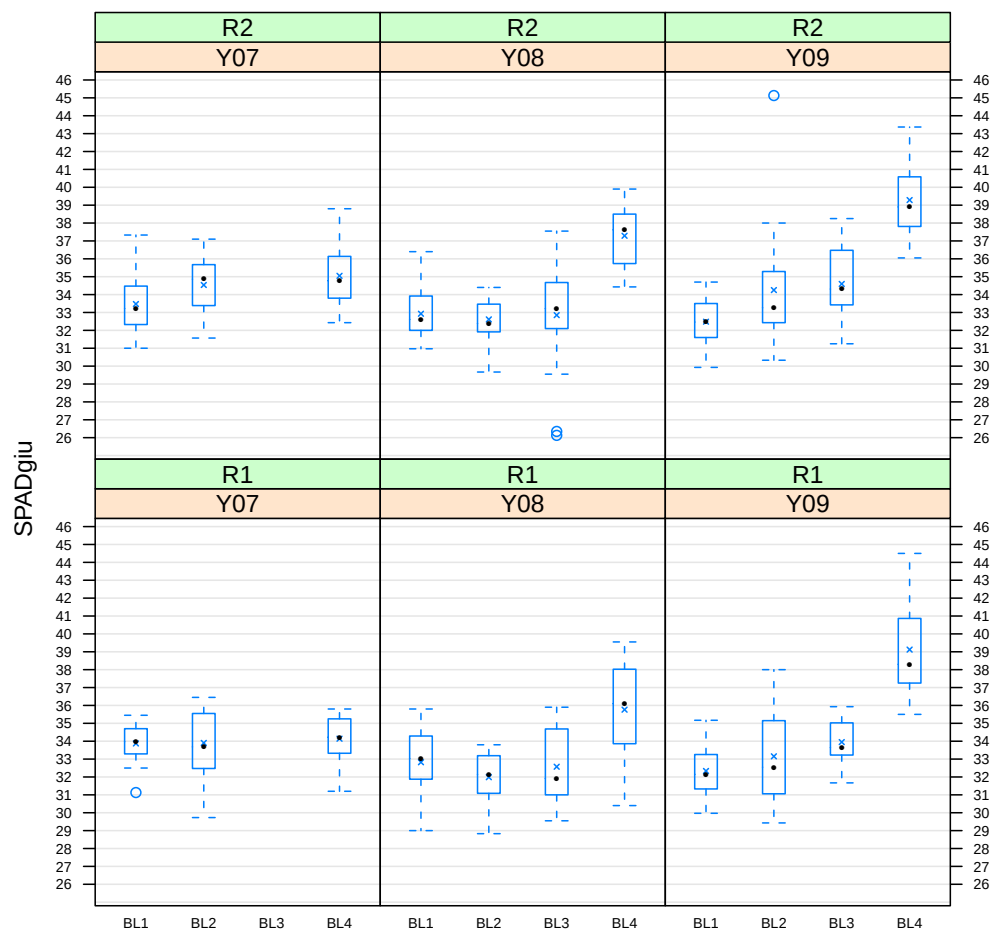


Figura 1.8: Boxplot per Blocco dell'Indice SPAD (giugno)

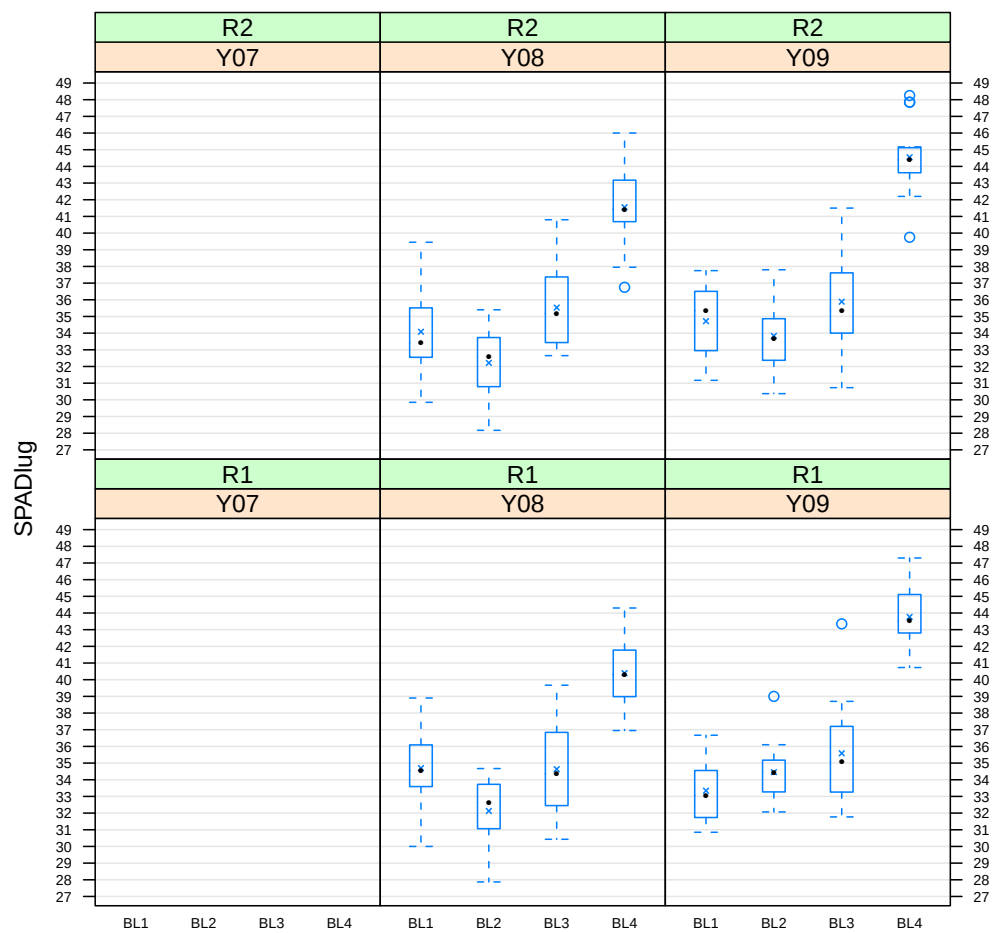


Figura 1.9: Boxplot per Blocco dell'Indice SPAD (luglio)

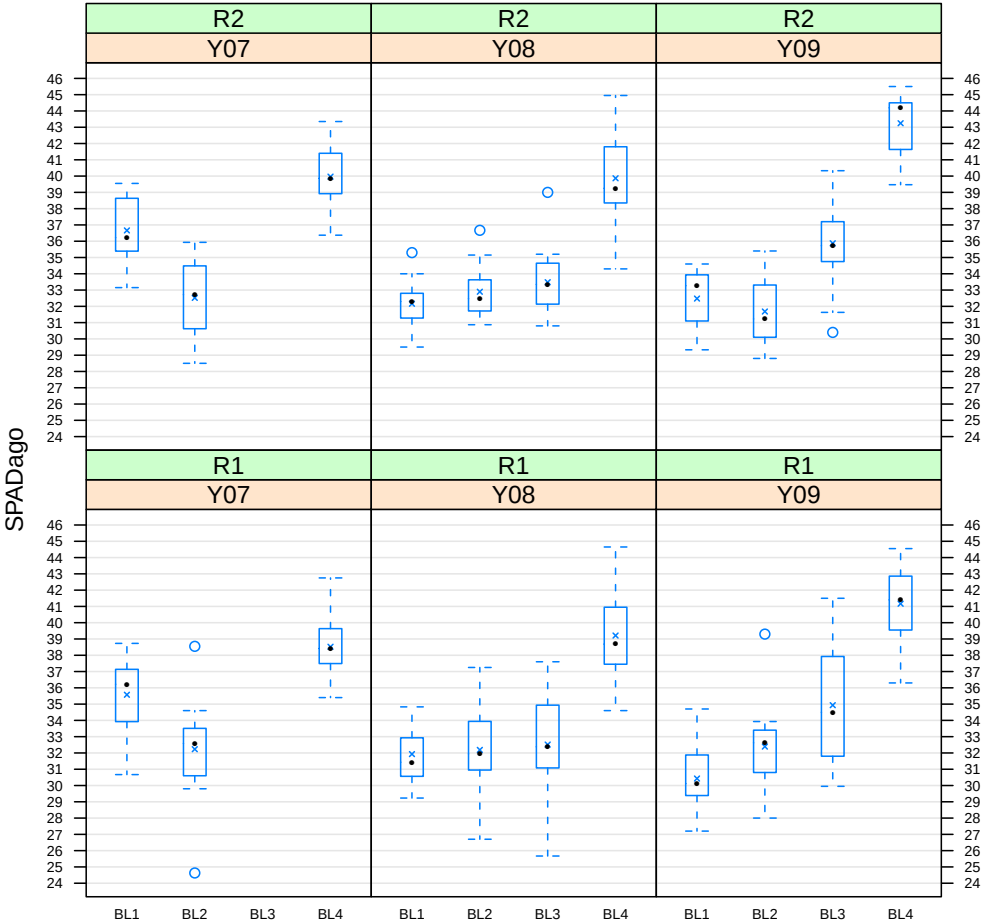


Figura 1.10: Boxplot per Blocco dell'Indice SPAD (agosto)

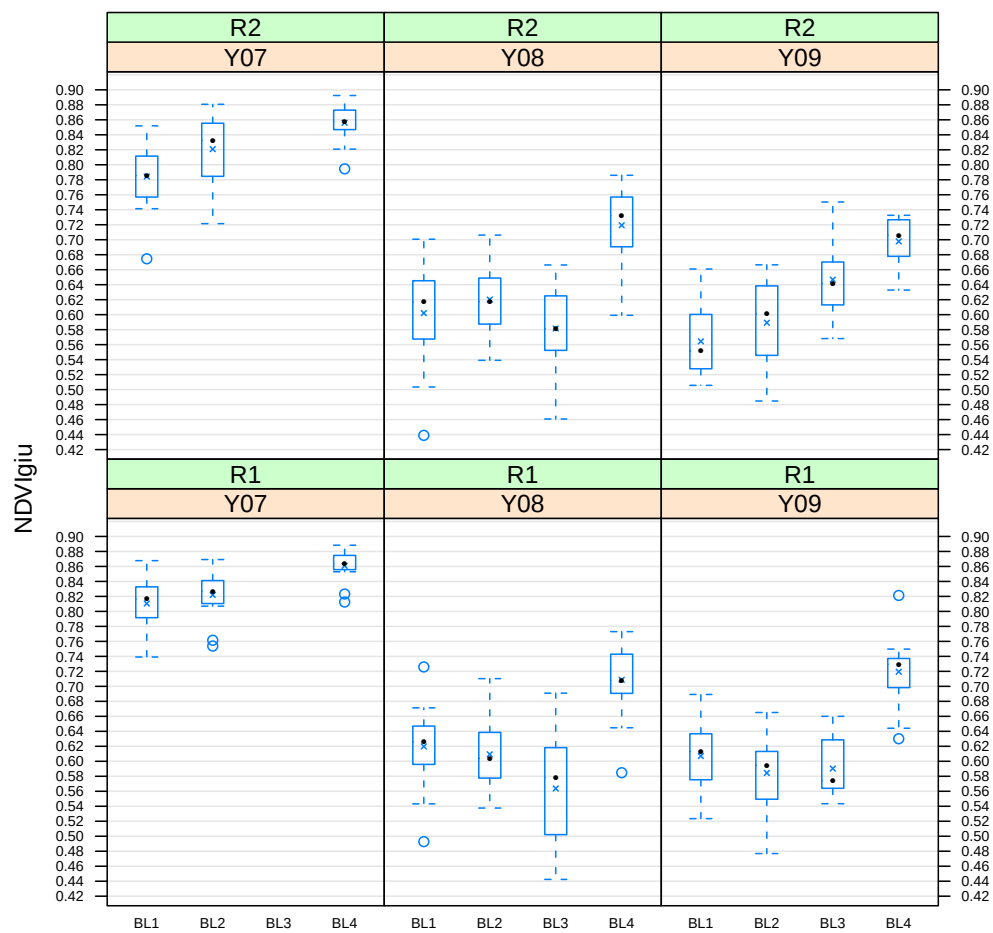


Figura 1.11: Boxplot per Blocco dell'Indice NDVI (giugno)

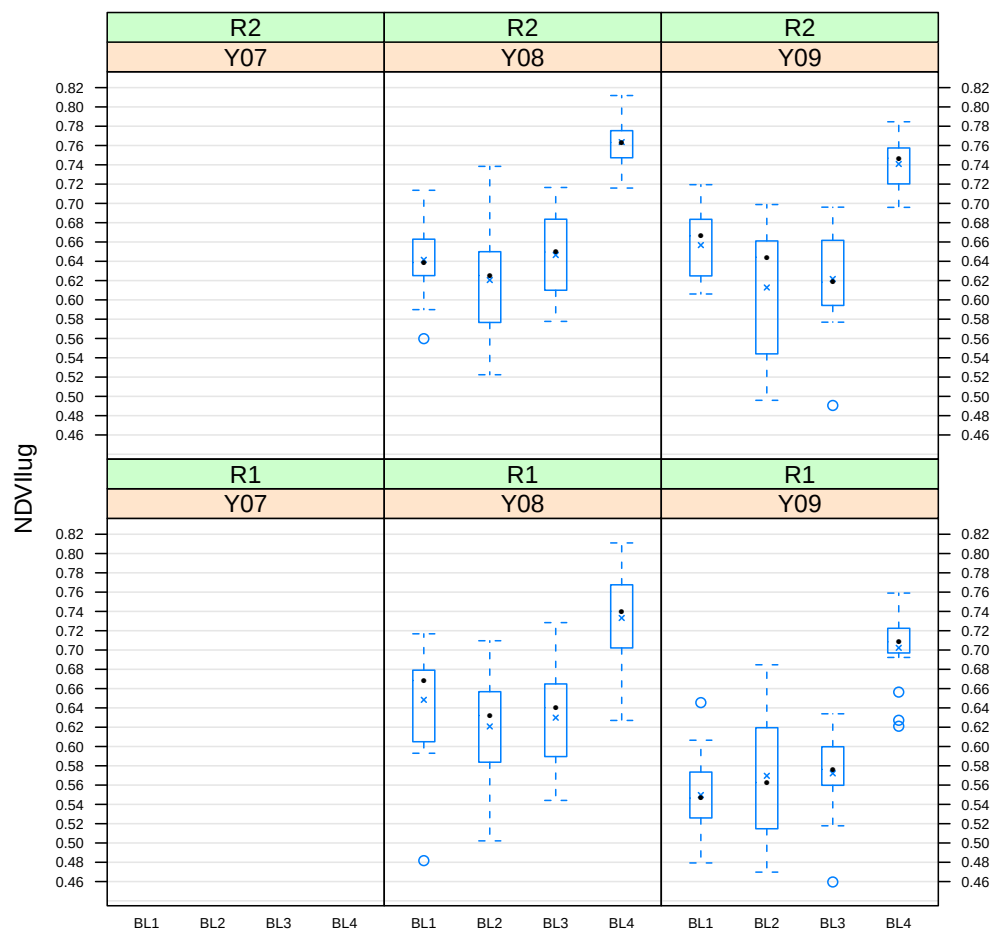


Figura 1.12: Boxplot per Blocco dell'Indice NDVI (luglio)

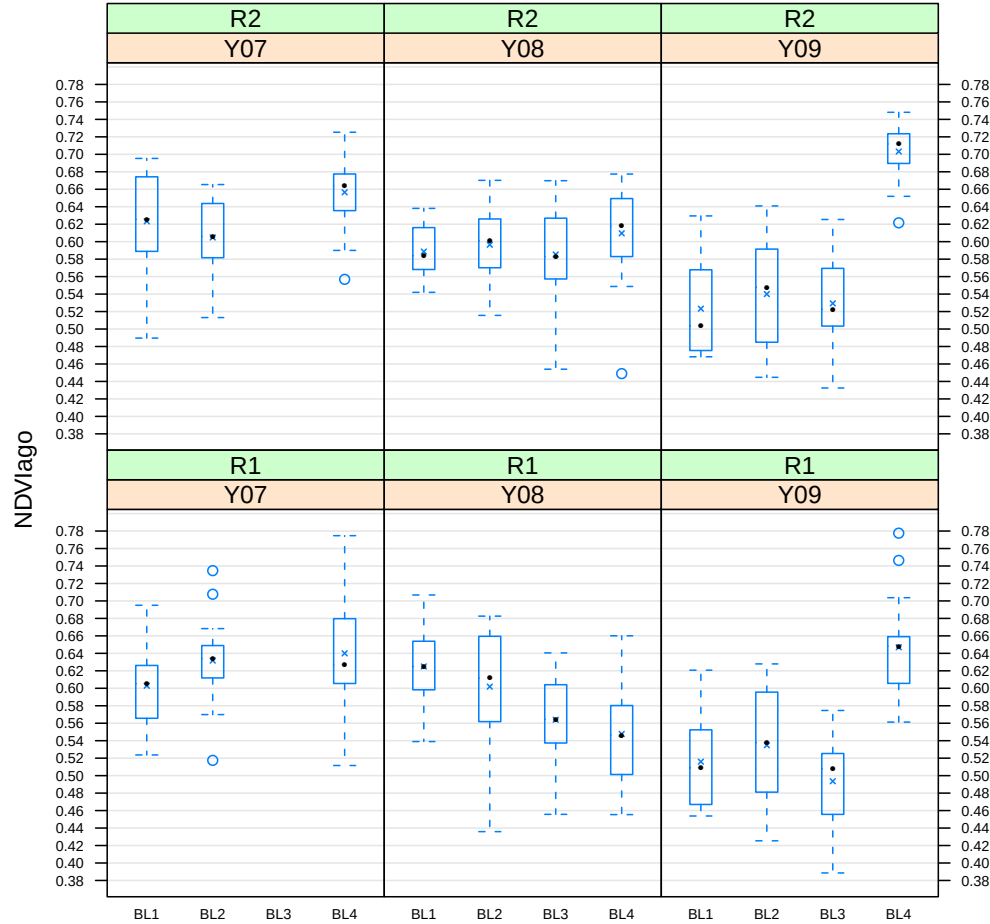


Figura 1.13: Boxplot per Blocco dell'Indice NDVI (agosto)

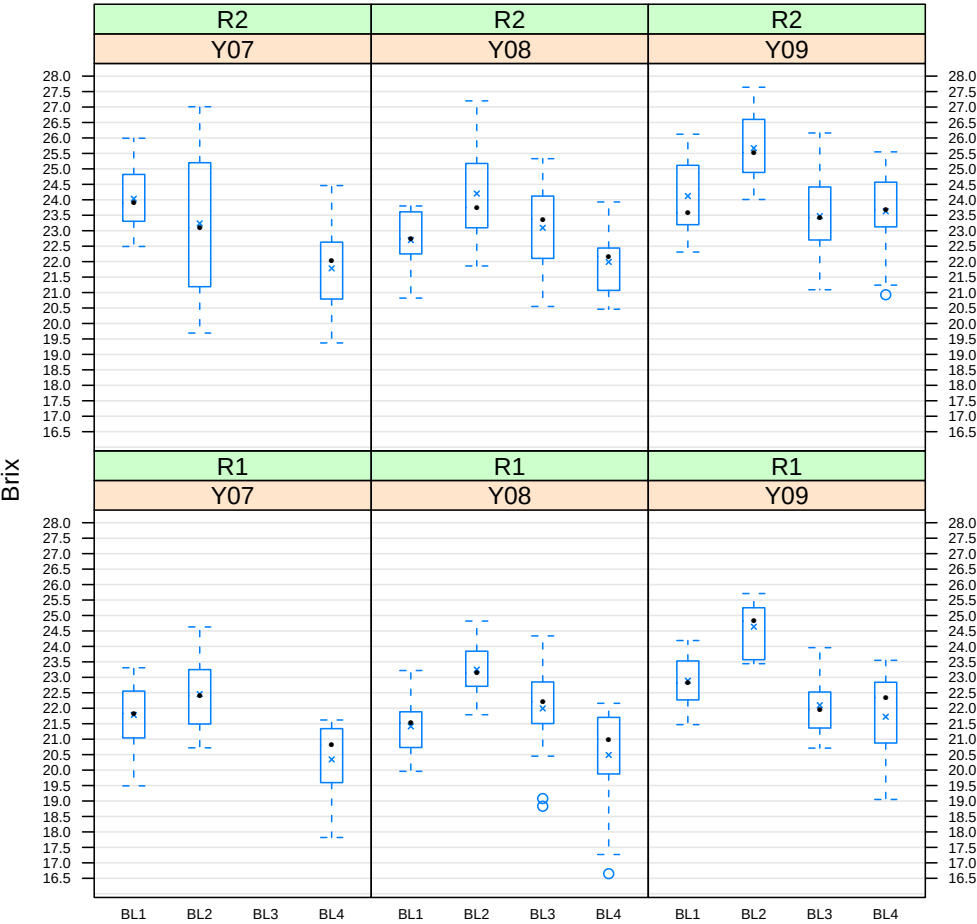


Figura 1.14: Boxplot per Blocco del Brix

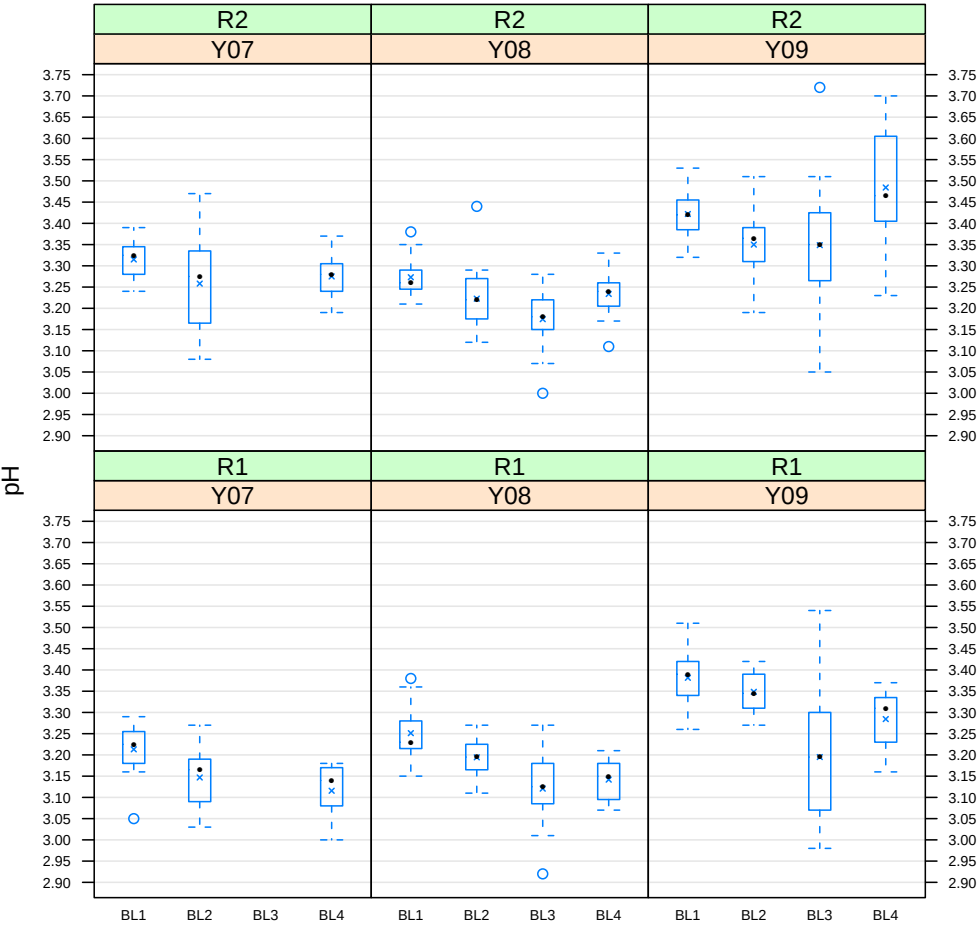


Figura 1.15: Boxplot per Blocco del pH

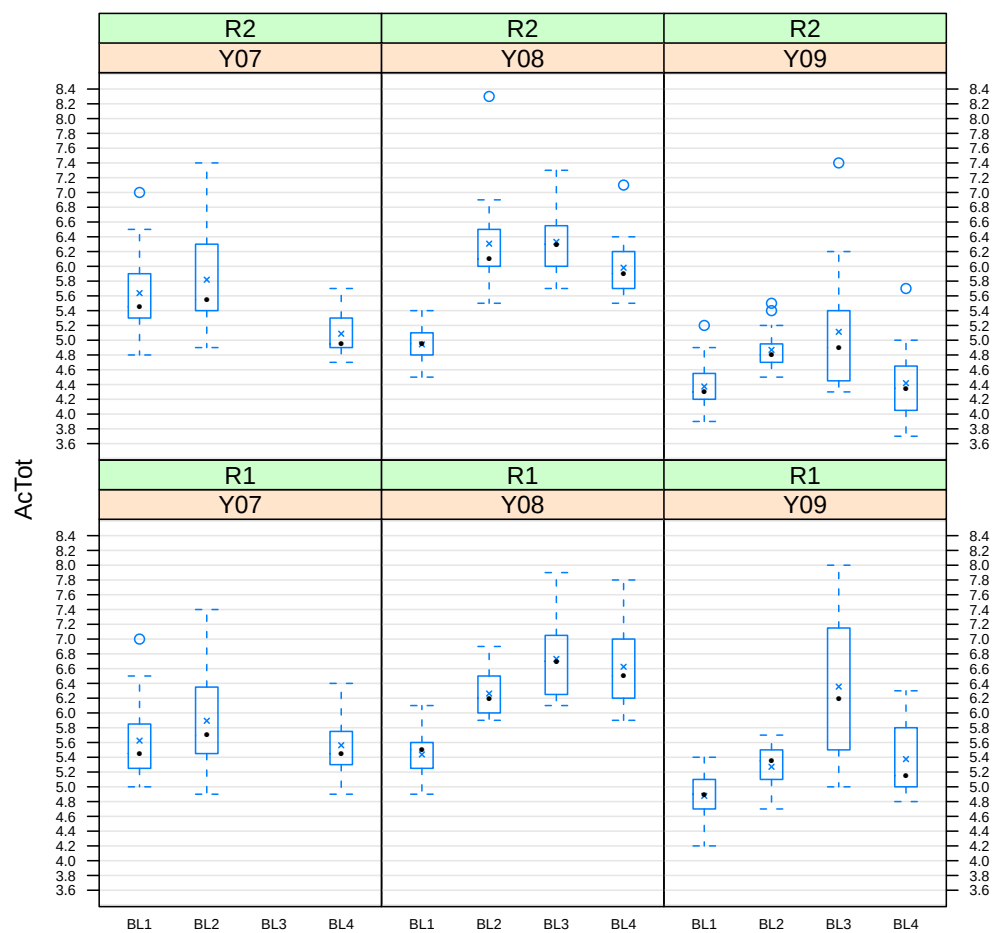


Figura 1.16: Boxplot per Blocco dell'Acidità totale

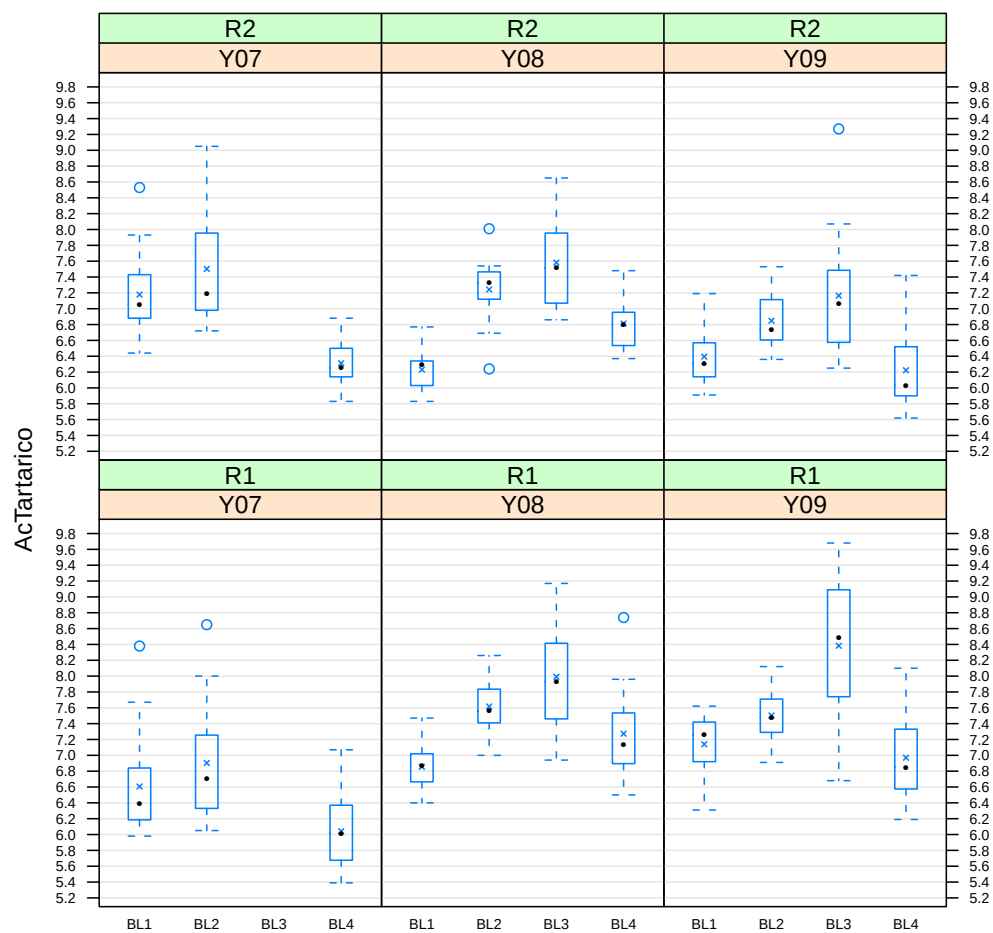


Figura 1.17: Boxplot per Blocco dell'Acido tartarico

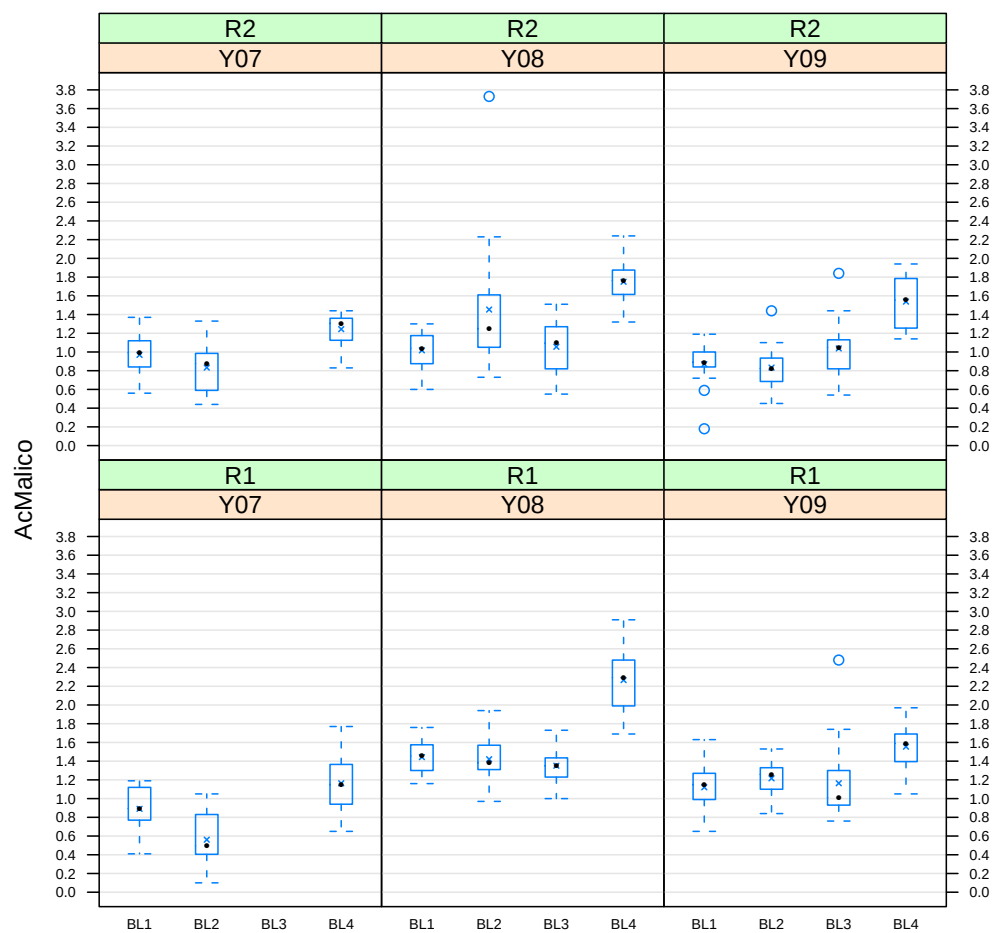


Figura 1.18: Boxplot per Blocco dell'Acido Malico

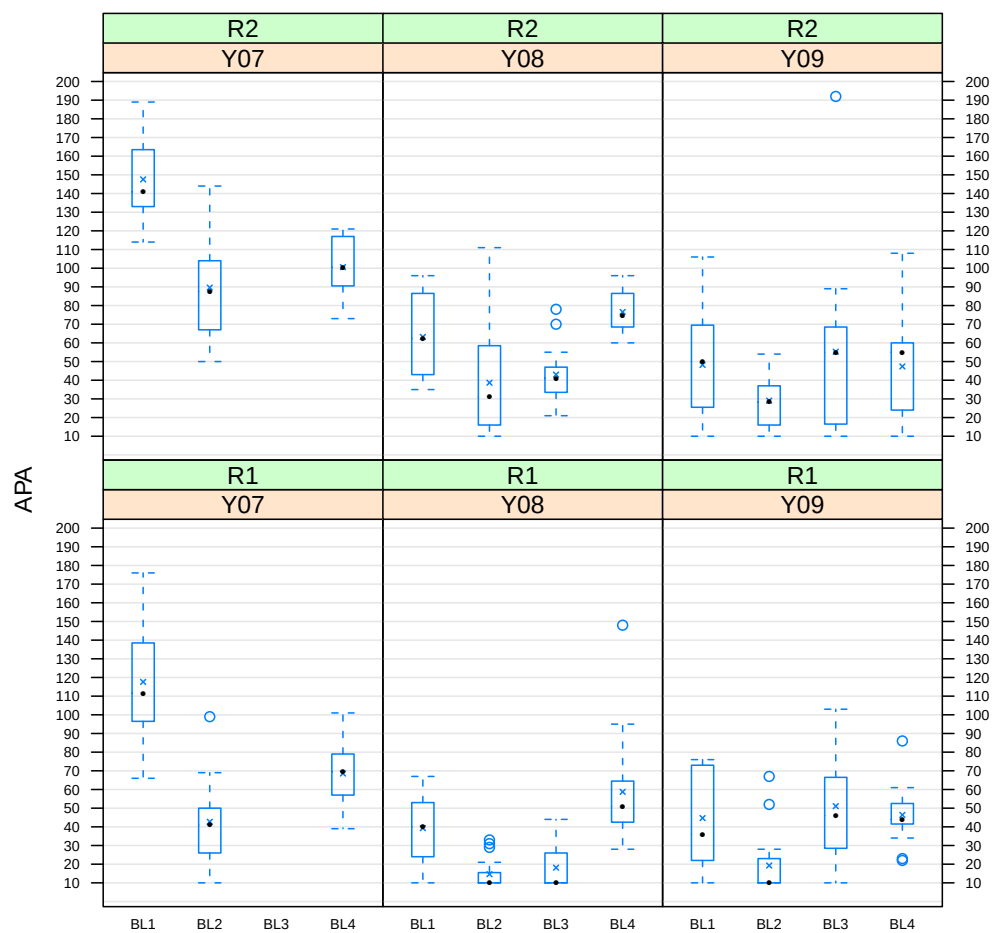


Figura 1.19: Boxplot per Blocco dell'Azoto prontamente assimilabile

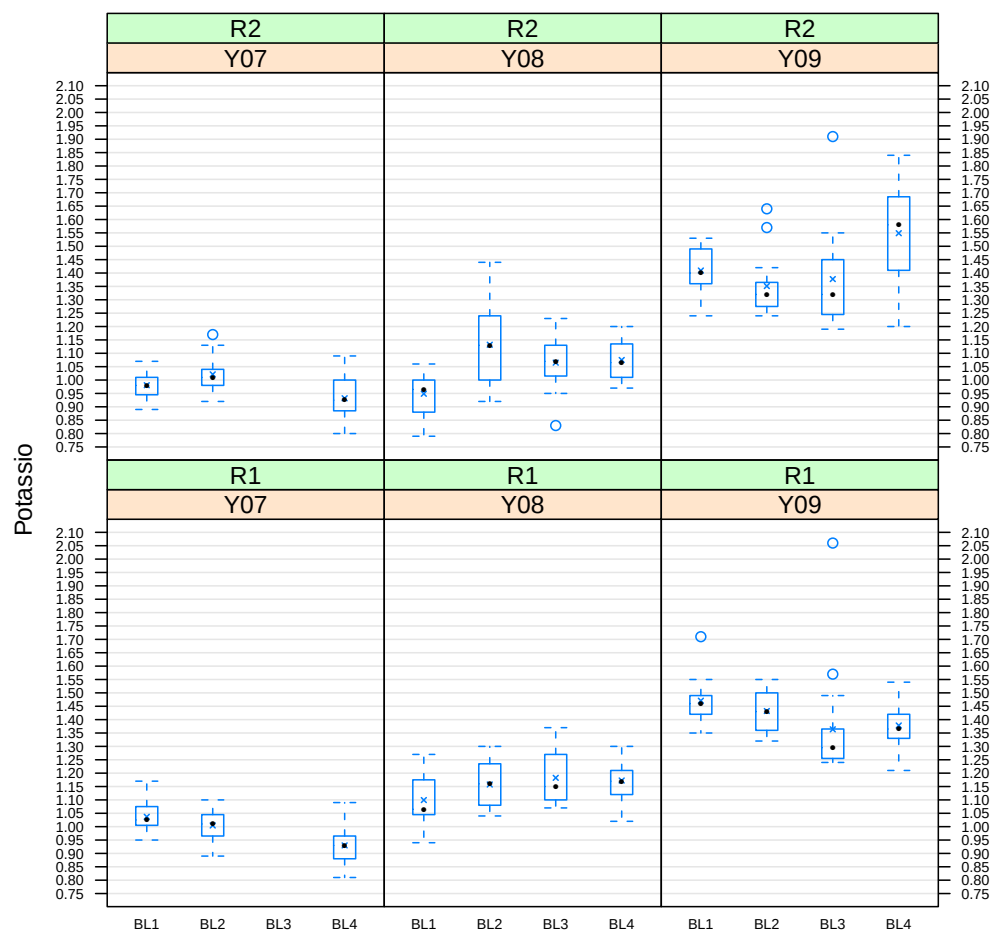


Figura 1.20: Boxplot per Blocco del Potassio

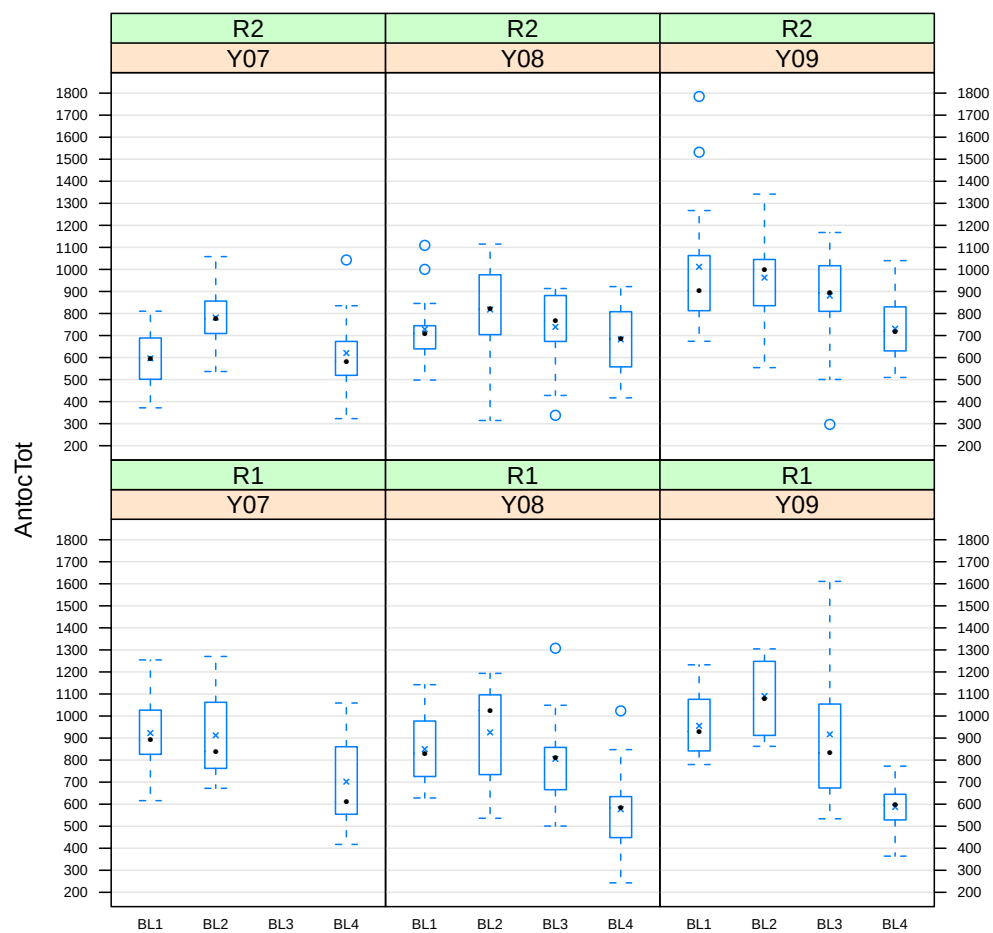


Figura 1.21: Boxplot per Blocco degli Antociani totali

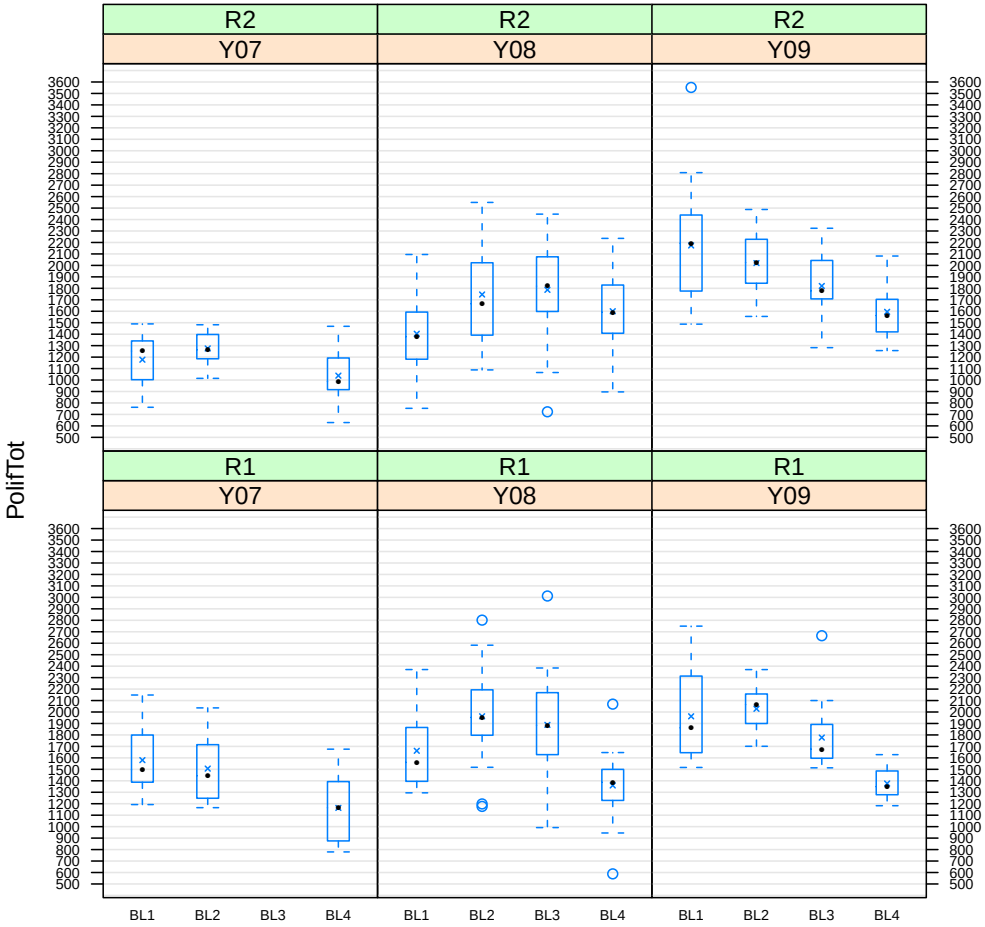


Figura 1.22: Boxplot per Blocco dei Polifenoli totali

1.2.2 Boxplot per Tesi entro Blocco

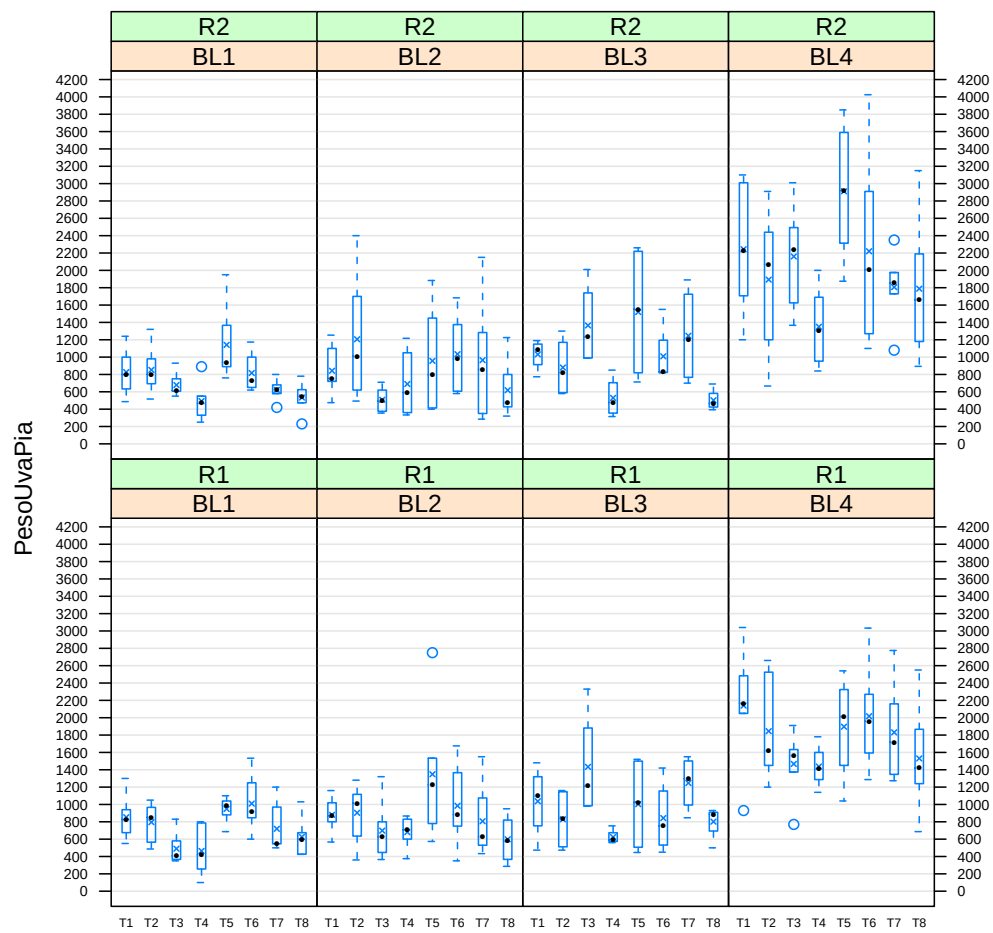


Figura 1.23: Boxplot per Tesi entro Blocco del Peso medio dell’uva per pianta

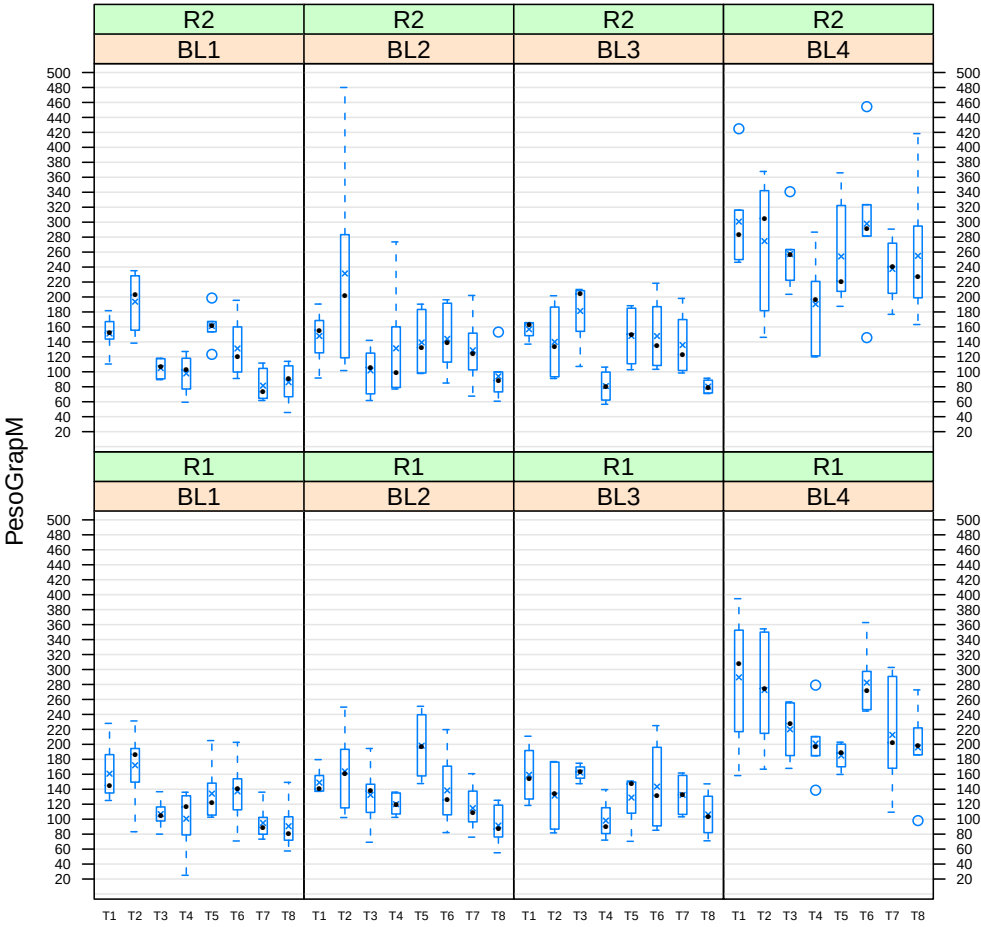


Figura 1.24: Boxplot per Tesi entro Blocco del Peso medio del grappolo

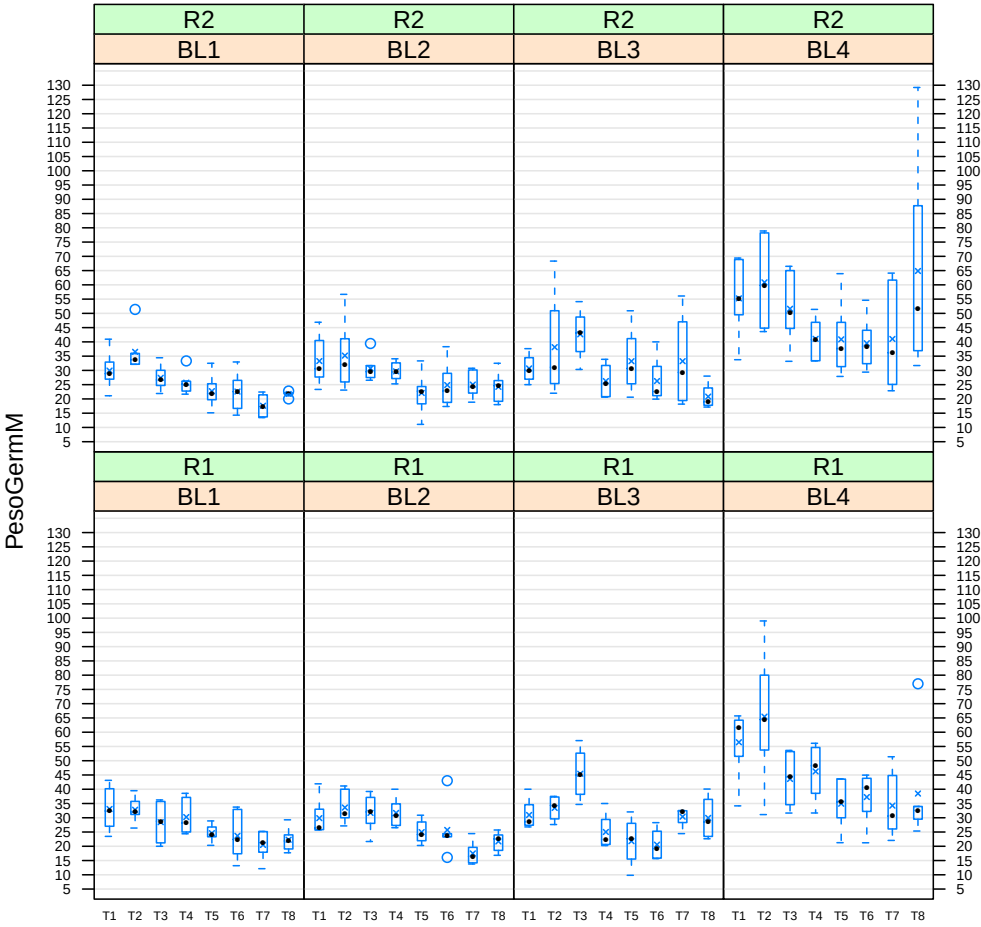


Figura 1.25: Boxplot per Tesi entro Blocco del Peso medio del germoglio

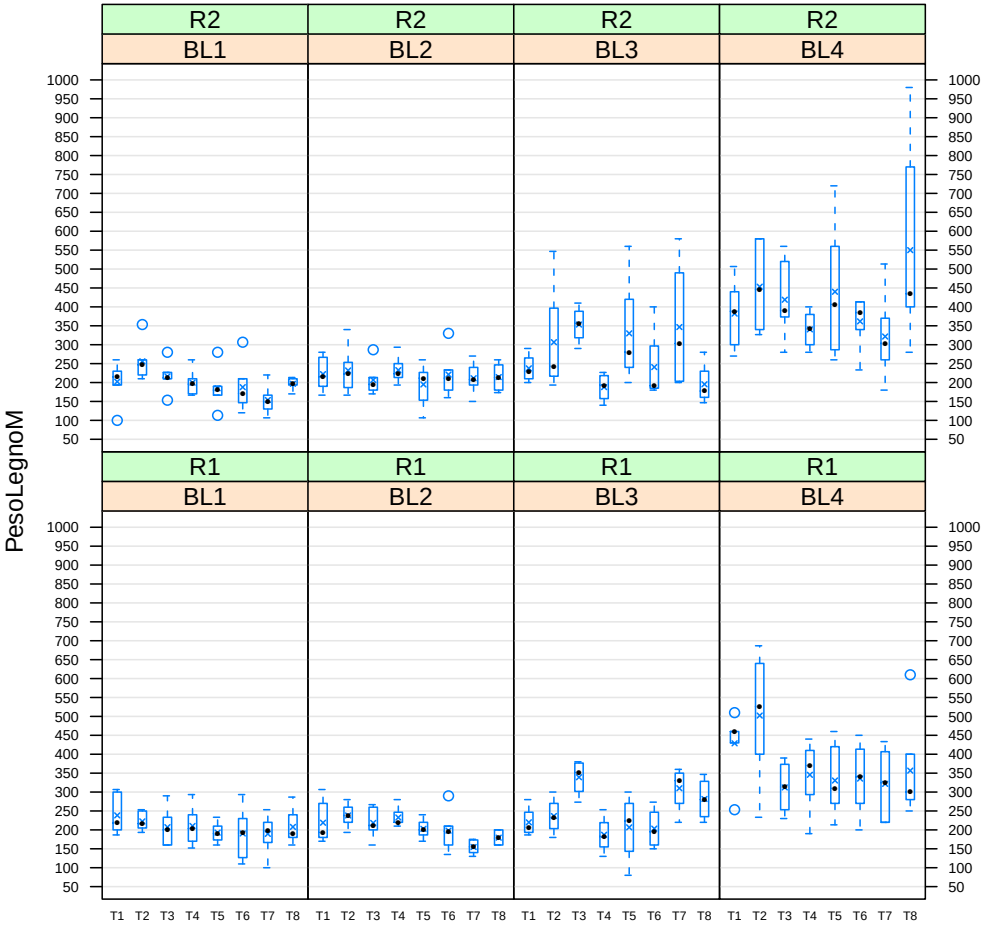


Figura 1.26: Boxplot per Tesi entro Blocco del Peso medio del legno

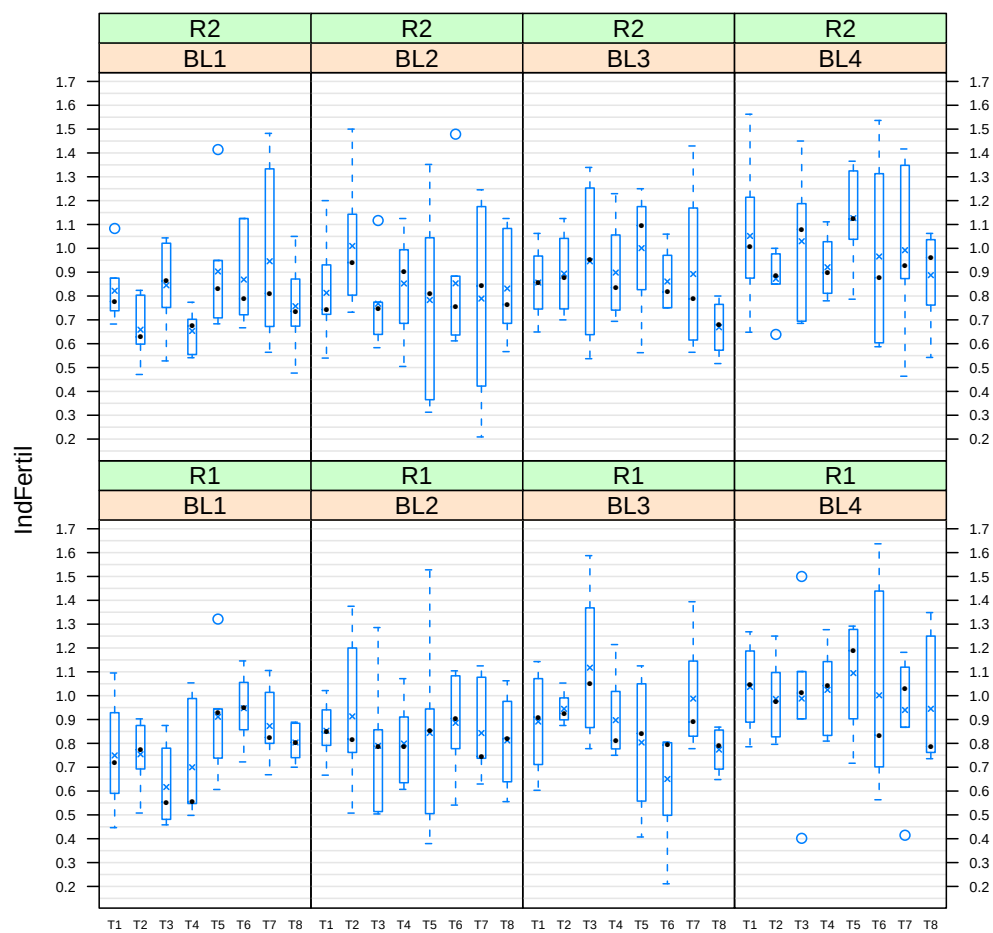


Figura 1.27: Boxplot per Tesi entro Blocco dell'Indice di Fertilità

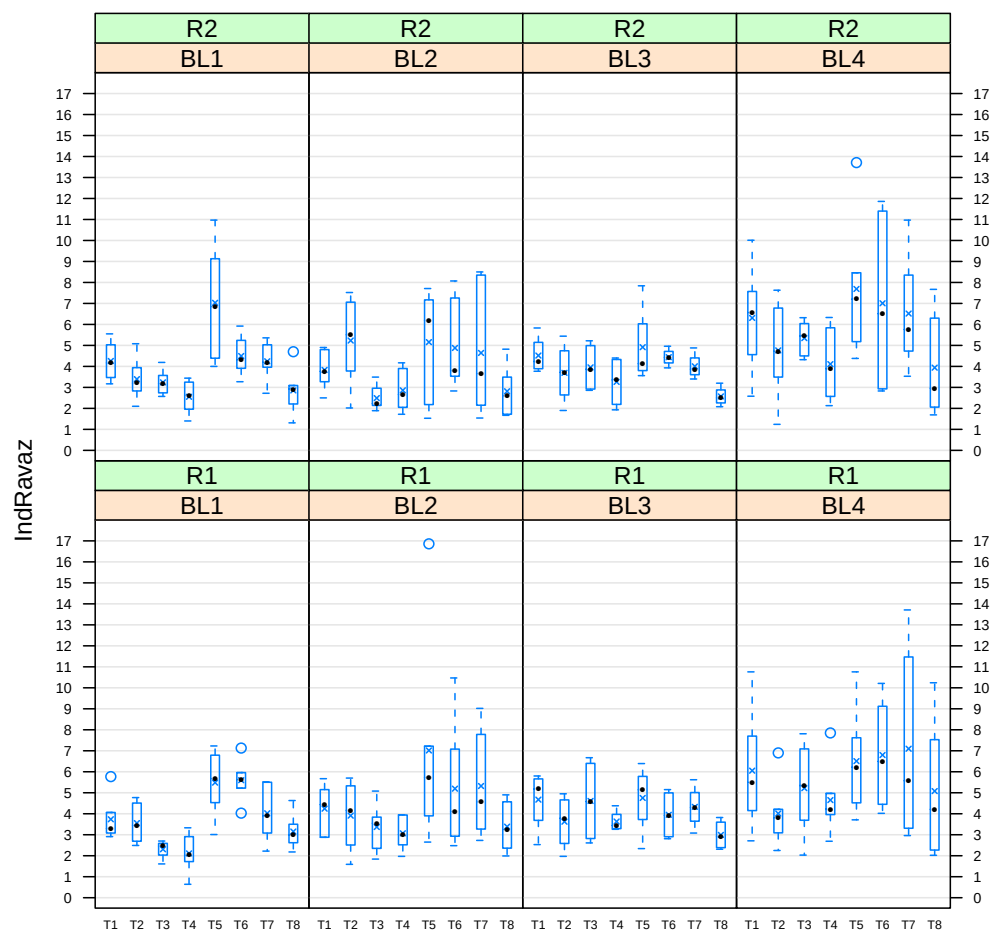


Figura 1.28: Boxplot per Tesi entro Blocco dell'Indice di Ravaz

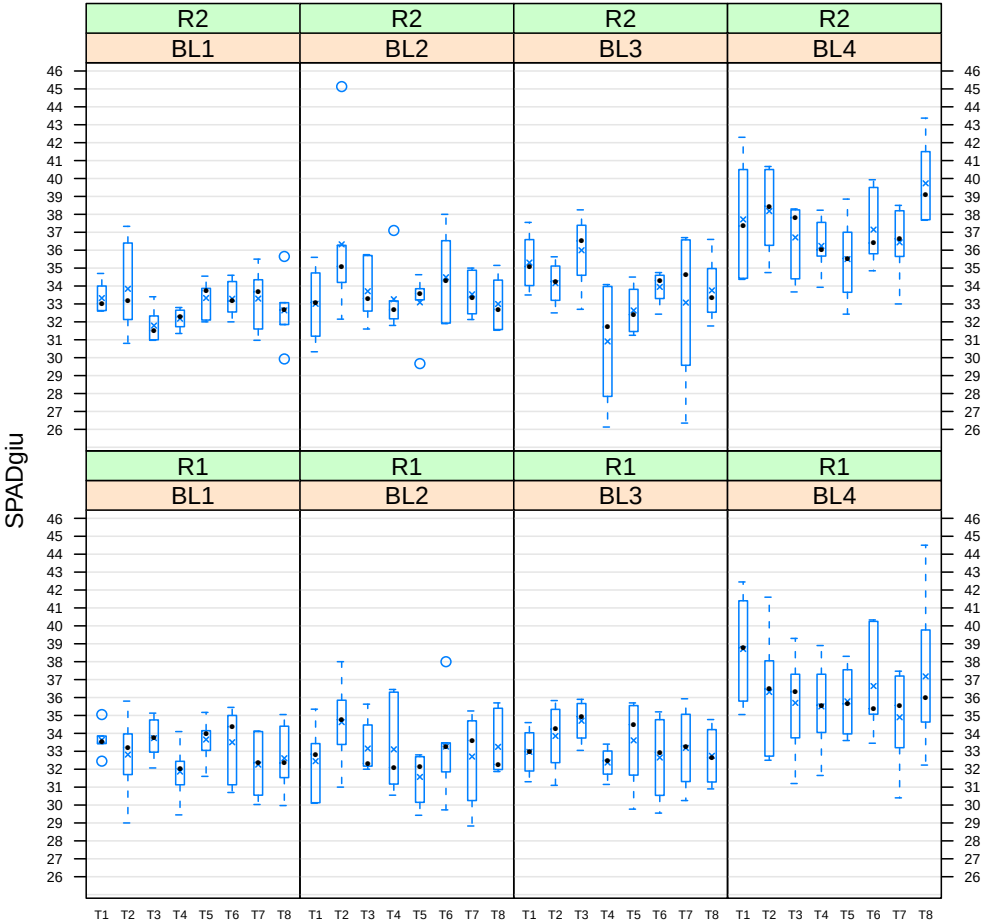


Figura 1.29: Boxplot per Tesi entro Blocco dell'Indice SPAD (giugno)

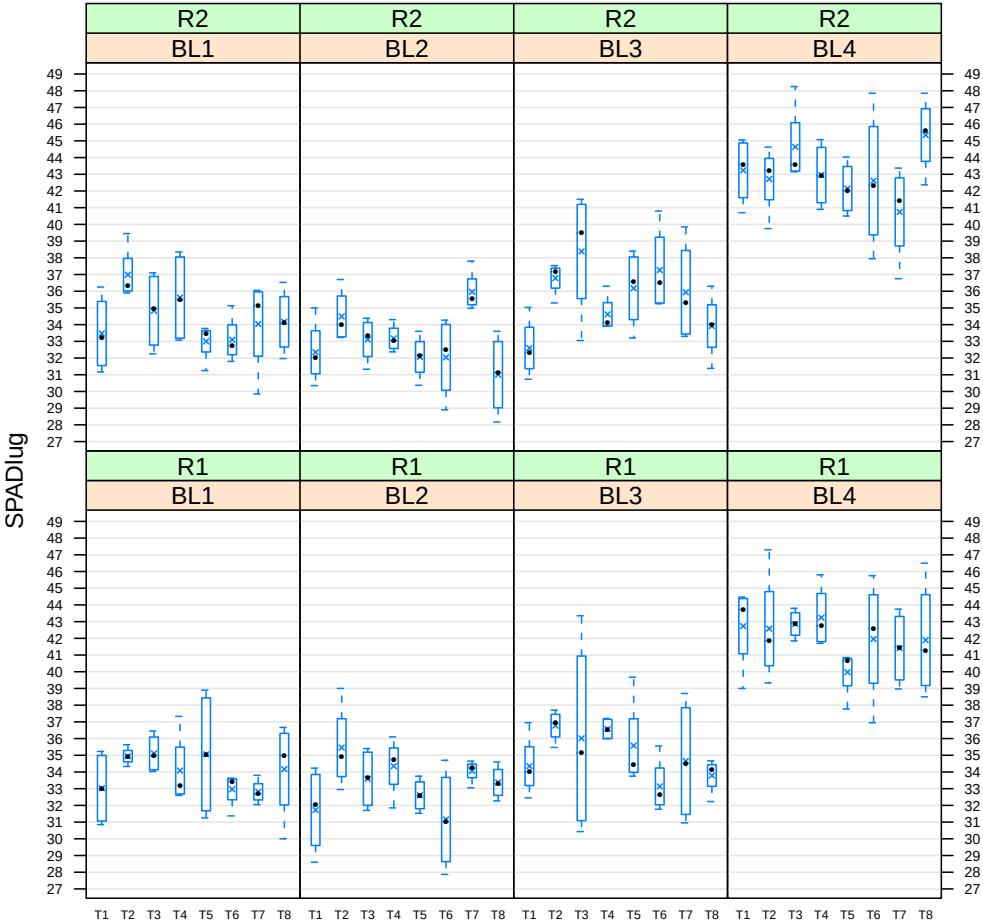


Figura 1.30: Boxplot per Tesi entro Blocco dell'Indice SPAD (luglio)

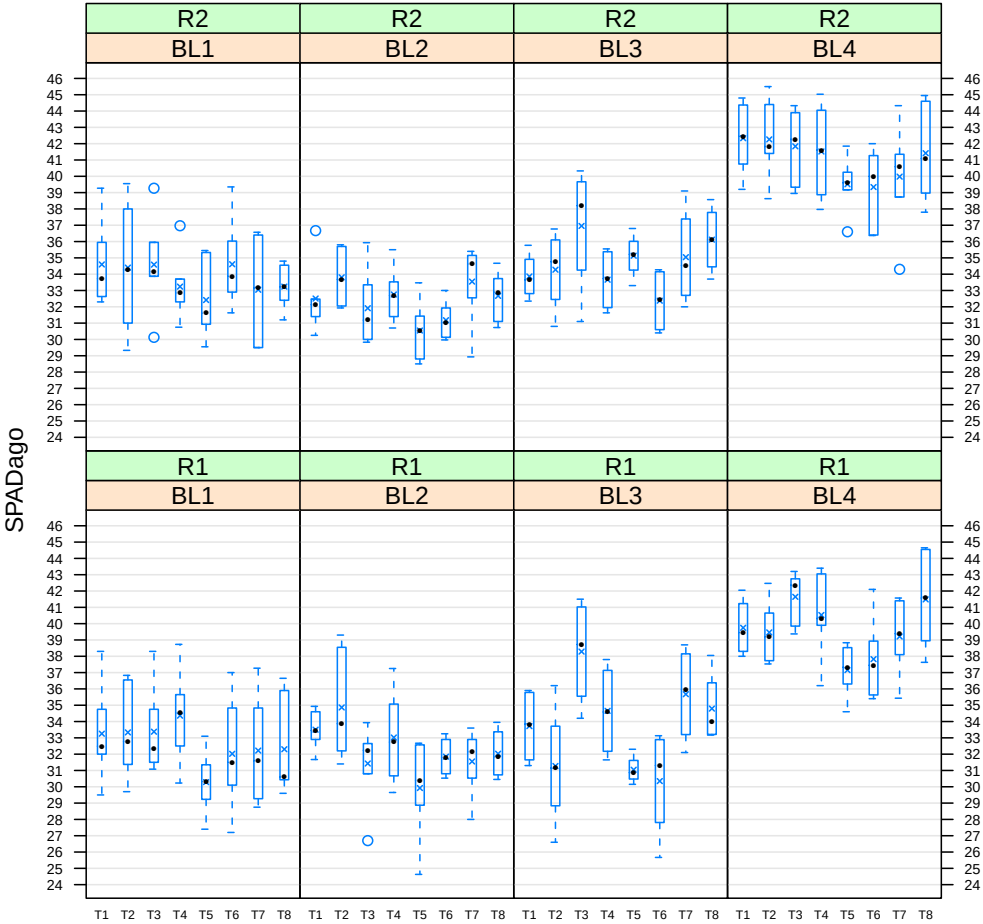


Figura 1.31: Boxplot per Tesi entro Blocco dell'Indice SPAD (agosto)

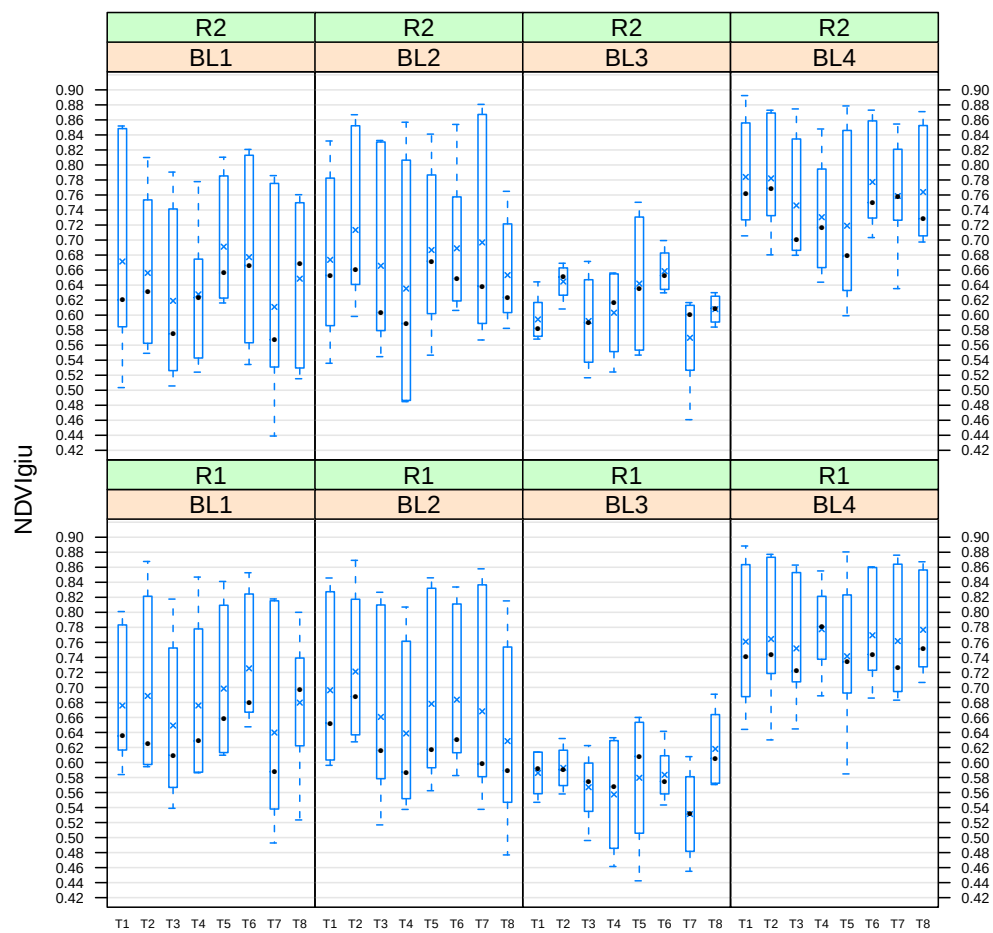


Figura 1.32: Boxplot per Tesi entro Blocco dell'Indice NDVI (giugno)

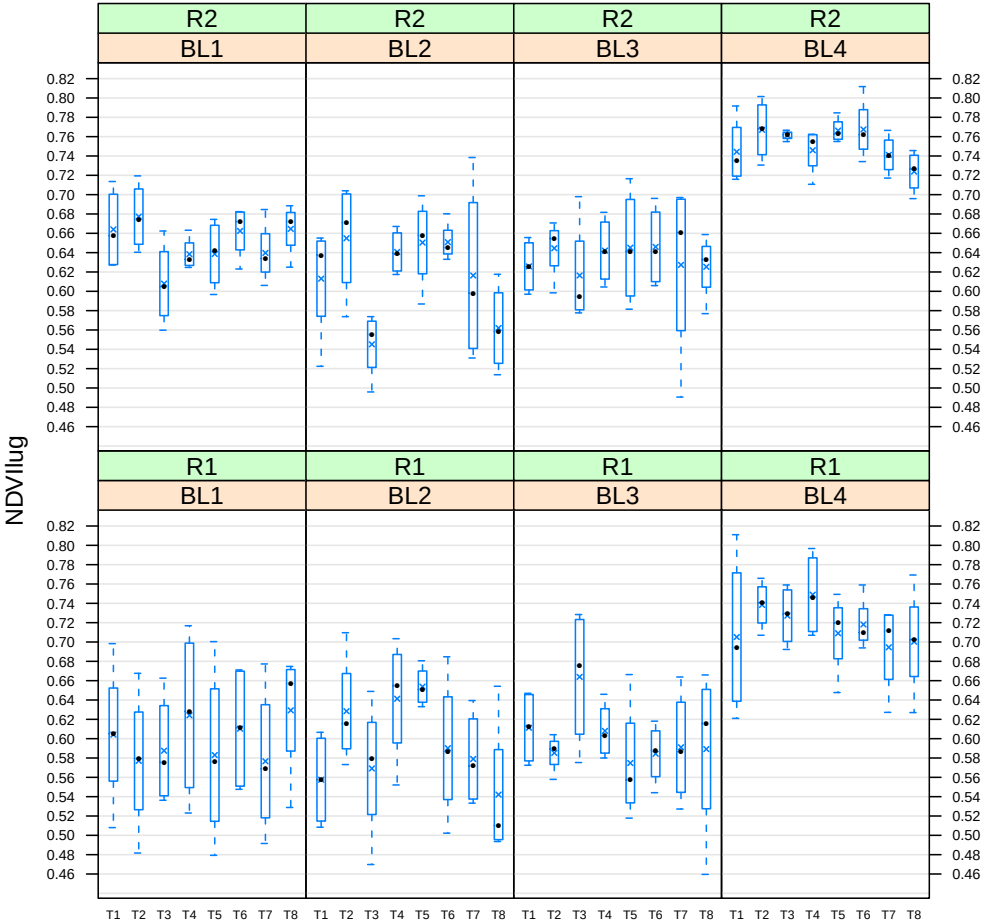


Figura 1.33: Boxplot per Tesi entro Blocco dell'Indice NDVI (luglio)

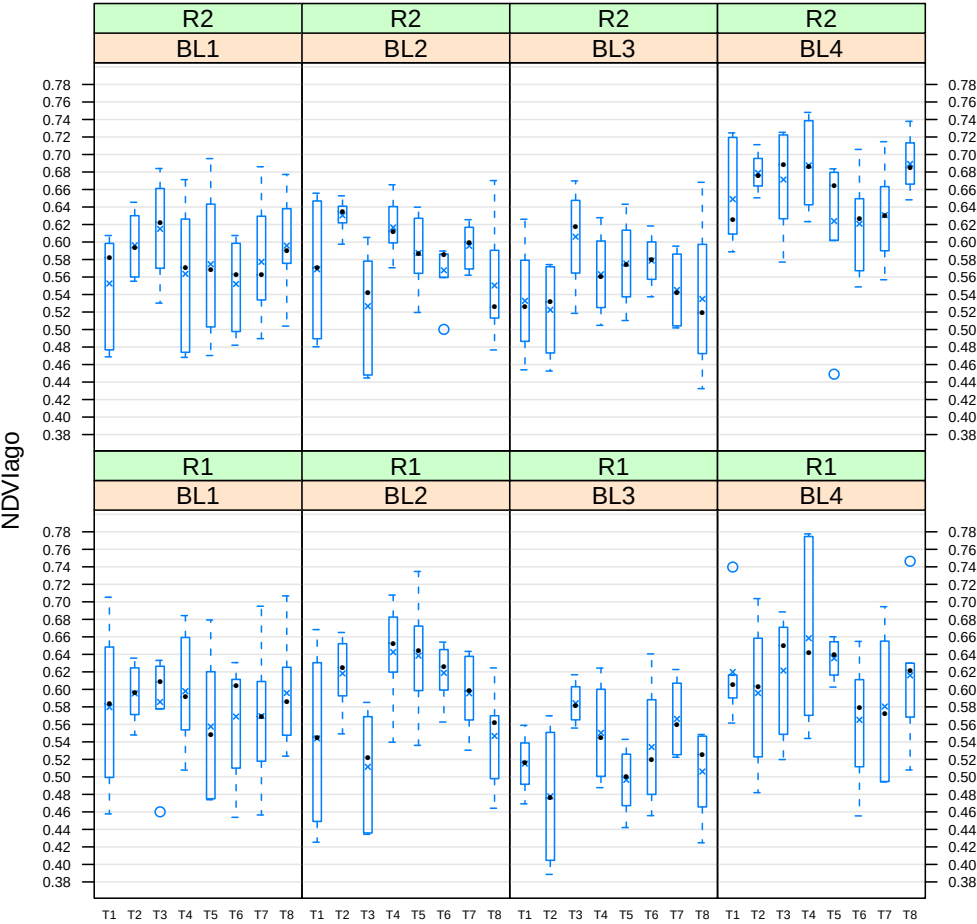


Figura 1.34: Boxplot per Tesi entro Blocco dell'Indice NDVI (agosto)

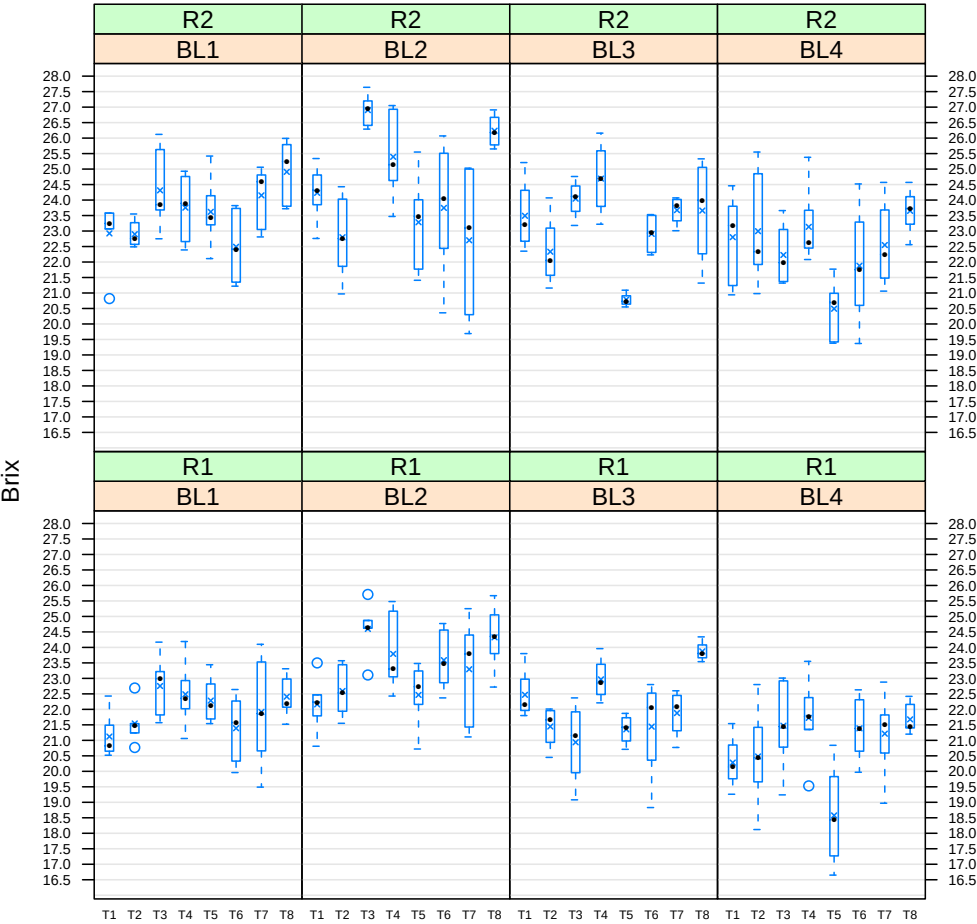


Figura 1.35: Boxplot per Tesi entro Blocco del Brix

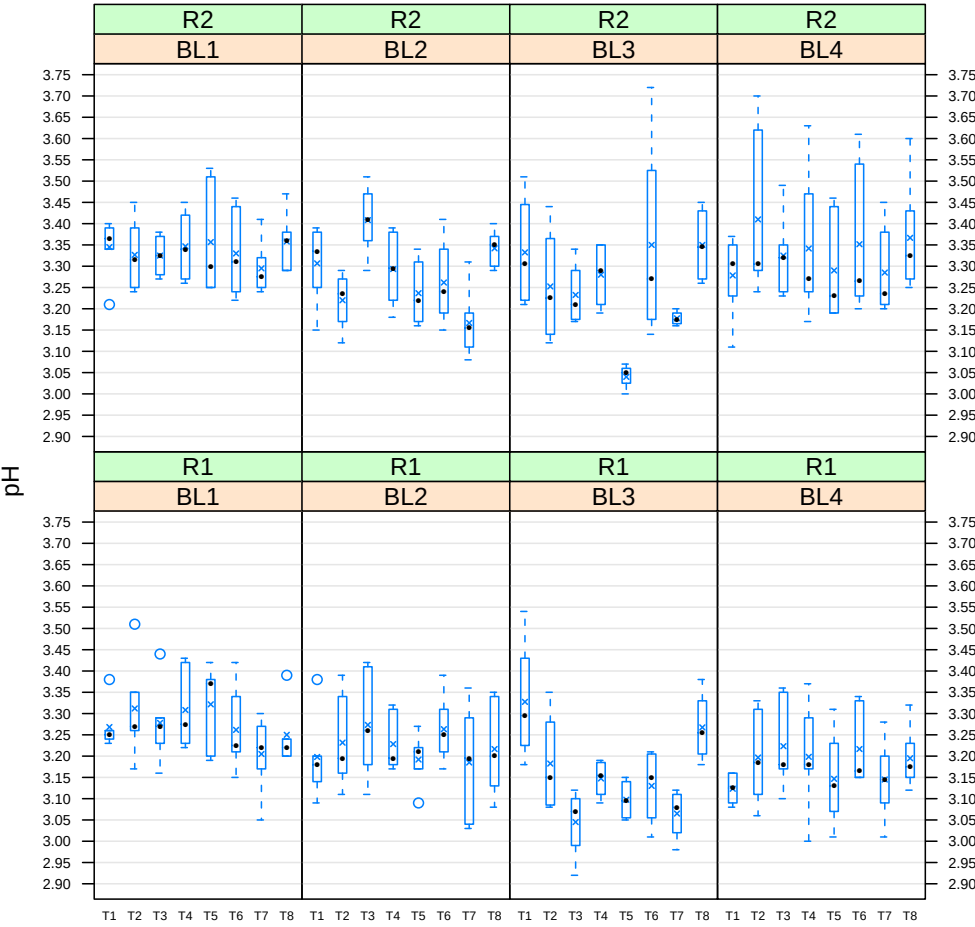


Figura 1.36: Boxplot per Tesi entro Blocco del pH

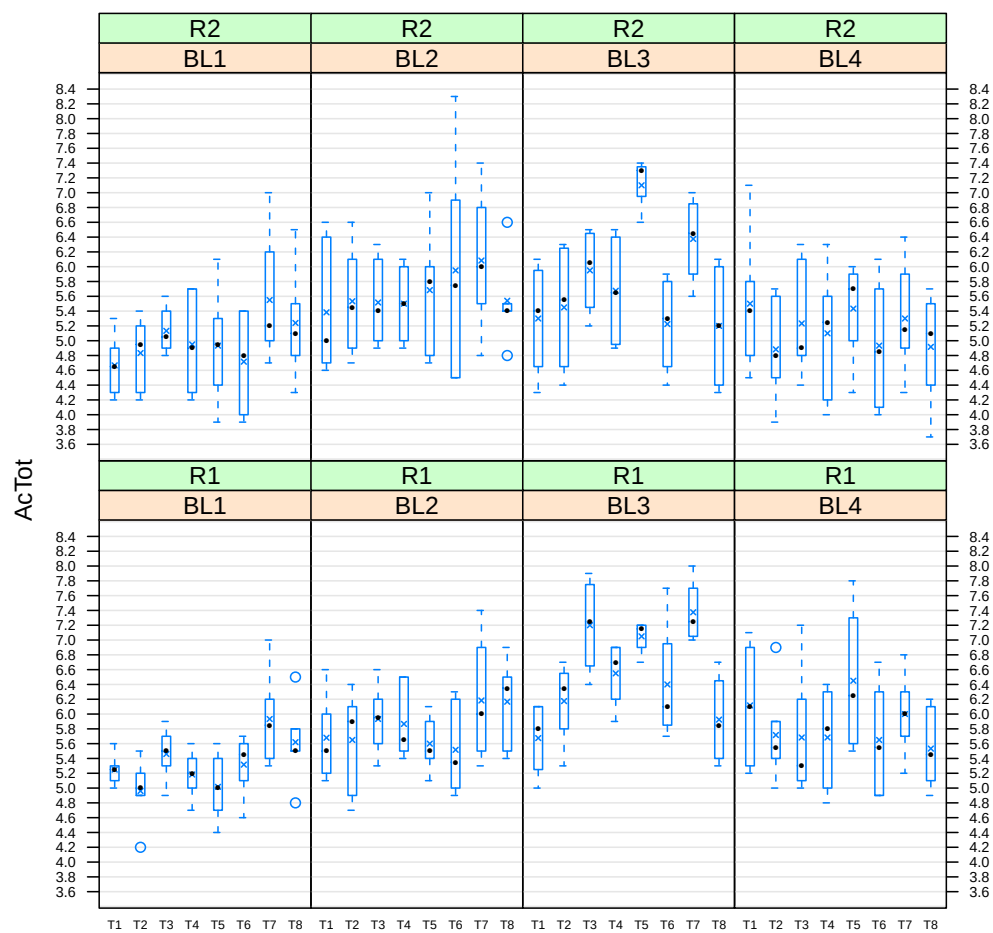


Figura 1.37: Boxplot per Tesi entro Blocco dell'Acidità totale

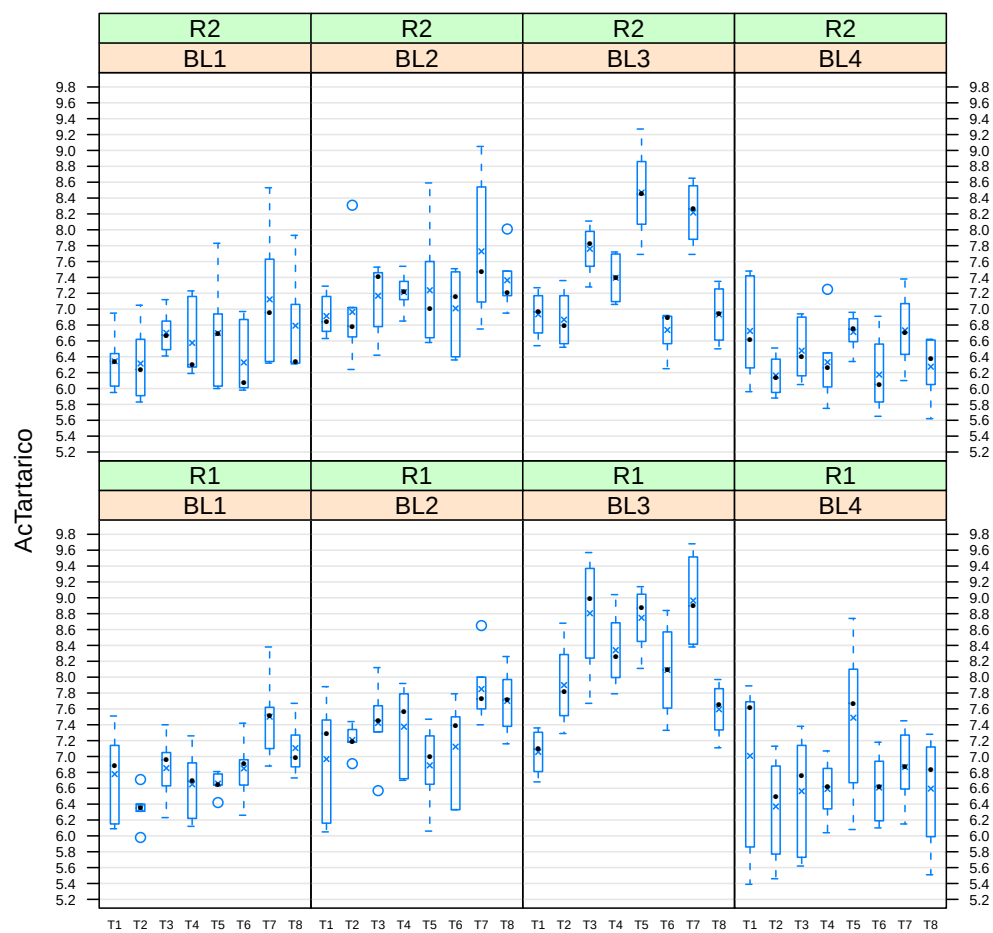


Figura 1.38: Boxplot per Tesi entro Blocco dell'Acido tartarico

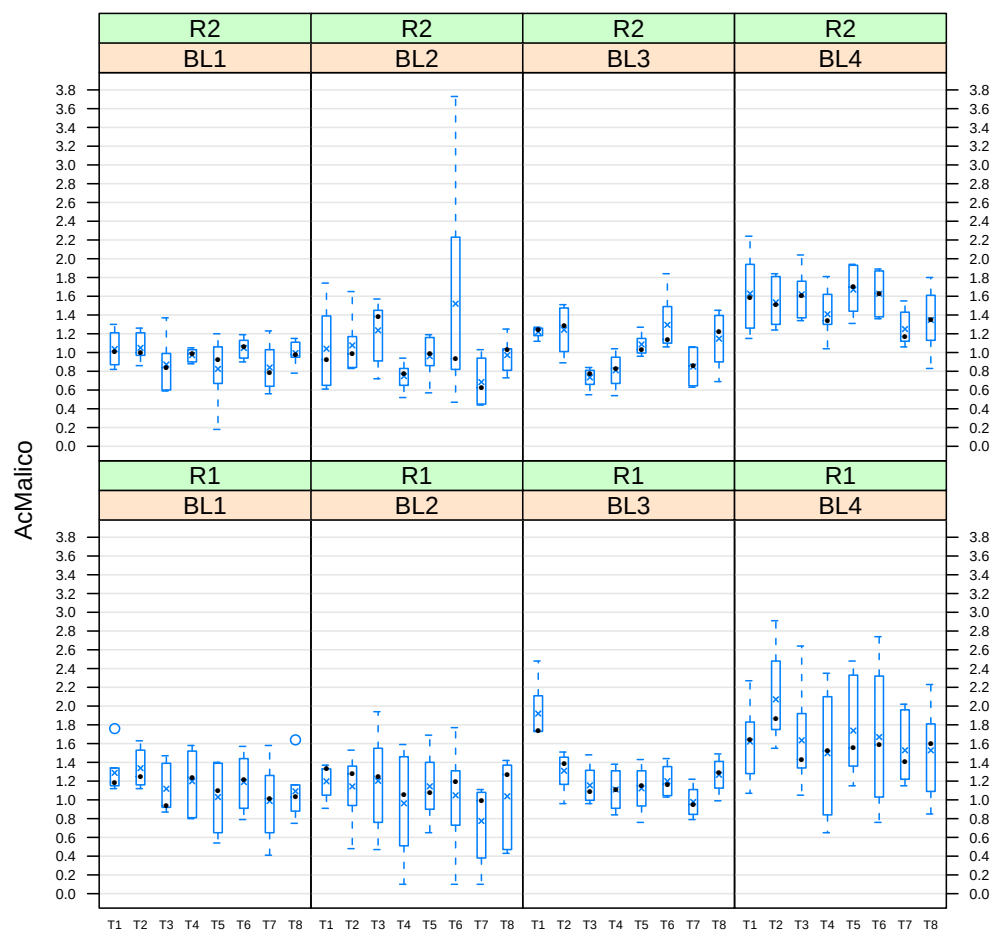


Figura 1.39: Boxplot per Tesi entro Blocco dell'Acido Malico

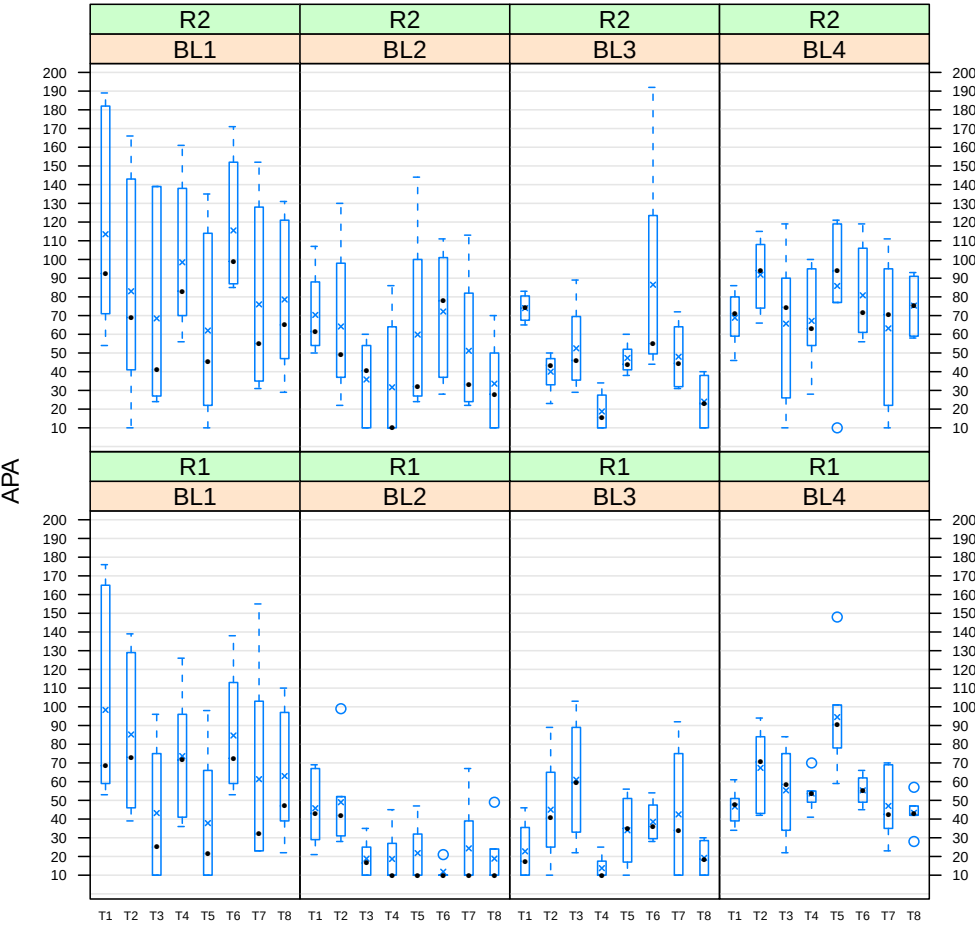


Figura 1.40: Boxplot per Tesi entro Blocco dell'Azoto prontamente assimilabile

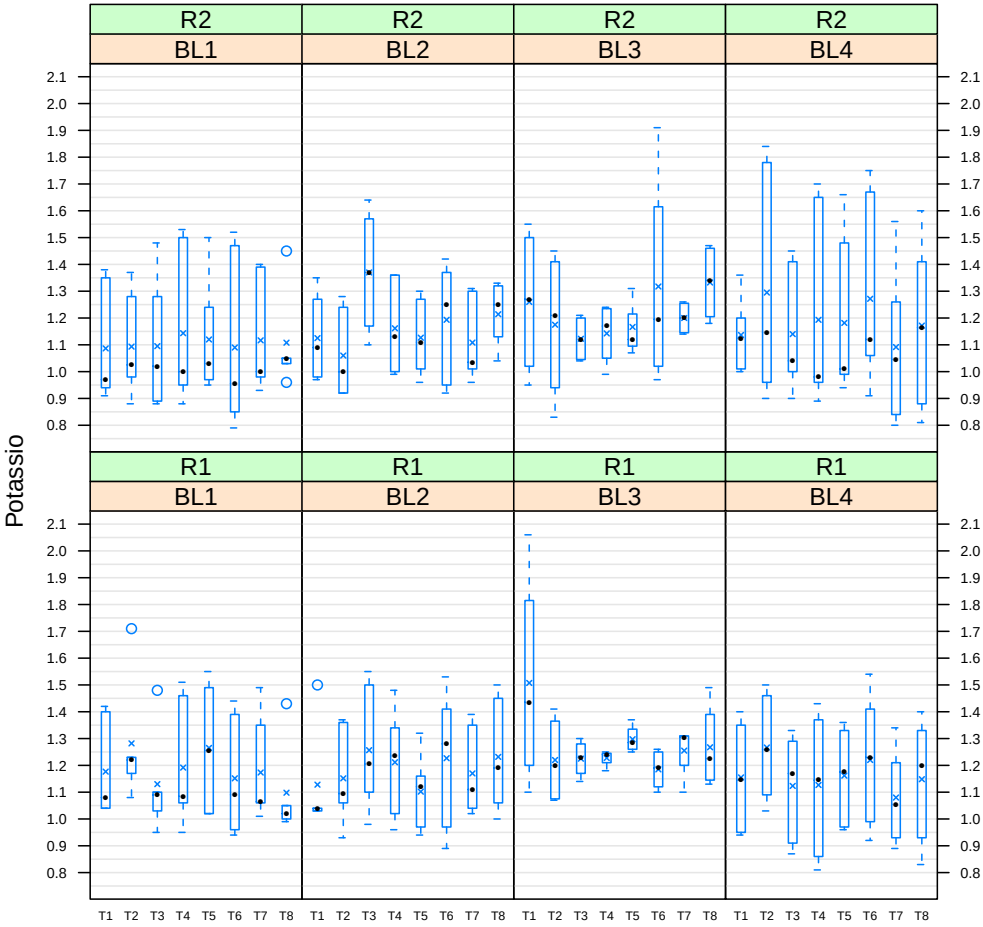


Figura 1.41: Boxplot per Tesi entro Blocco del Potassio

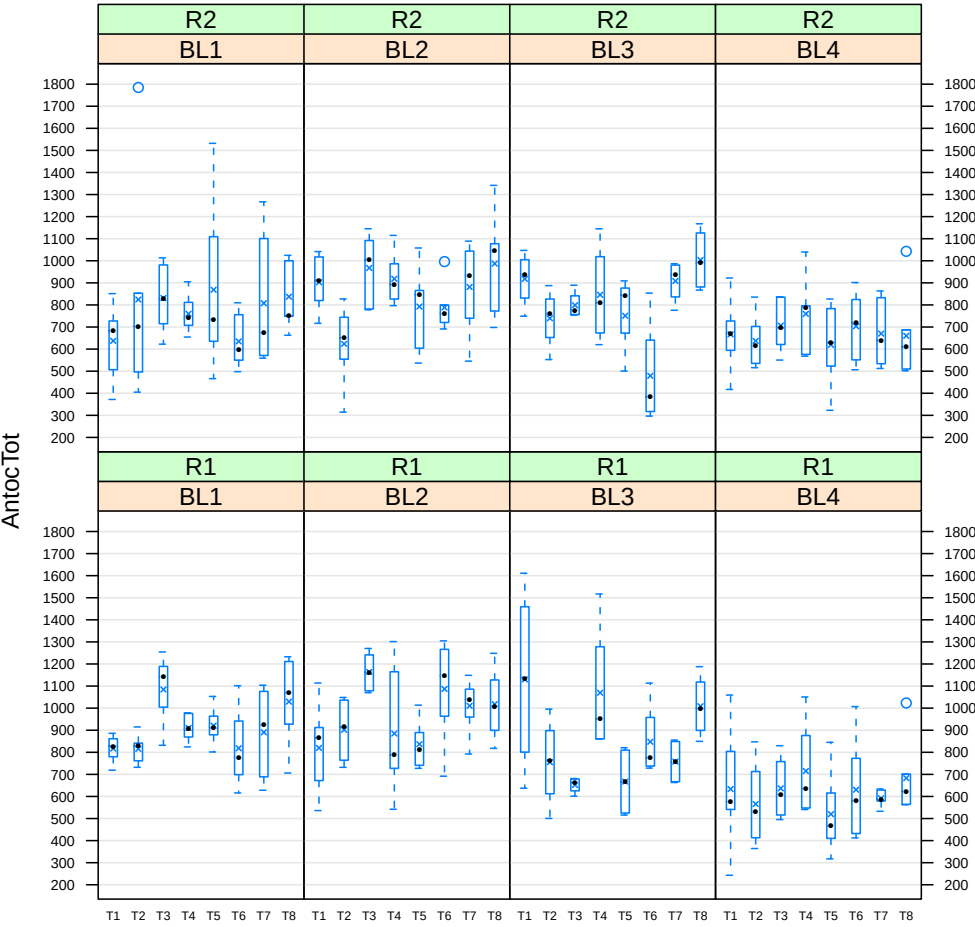


Figura 1.42: Boxplot per Tesi entro Blocco degli Antociani totali

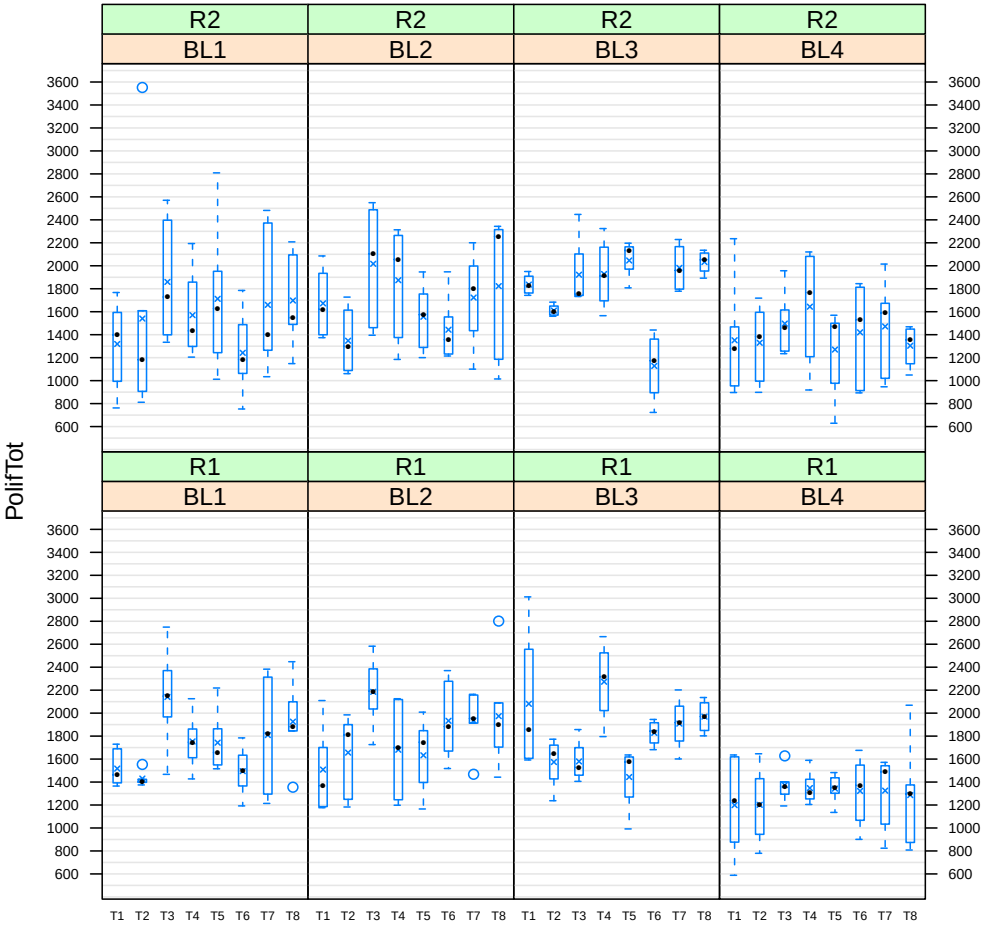


Figura 1.43: Boxplot per Tesi entro Blocco dei Polifenoli totali

1.3 Dotplot (Brolio)

1.3.1 Dotplot per Blocco

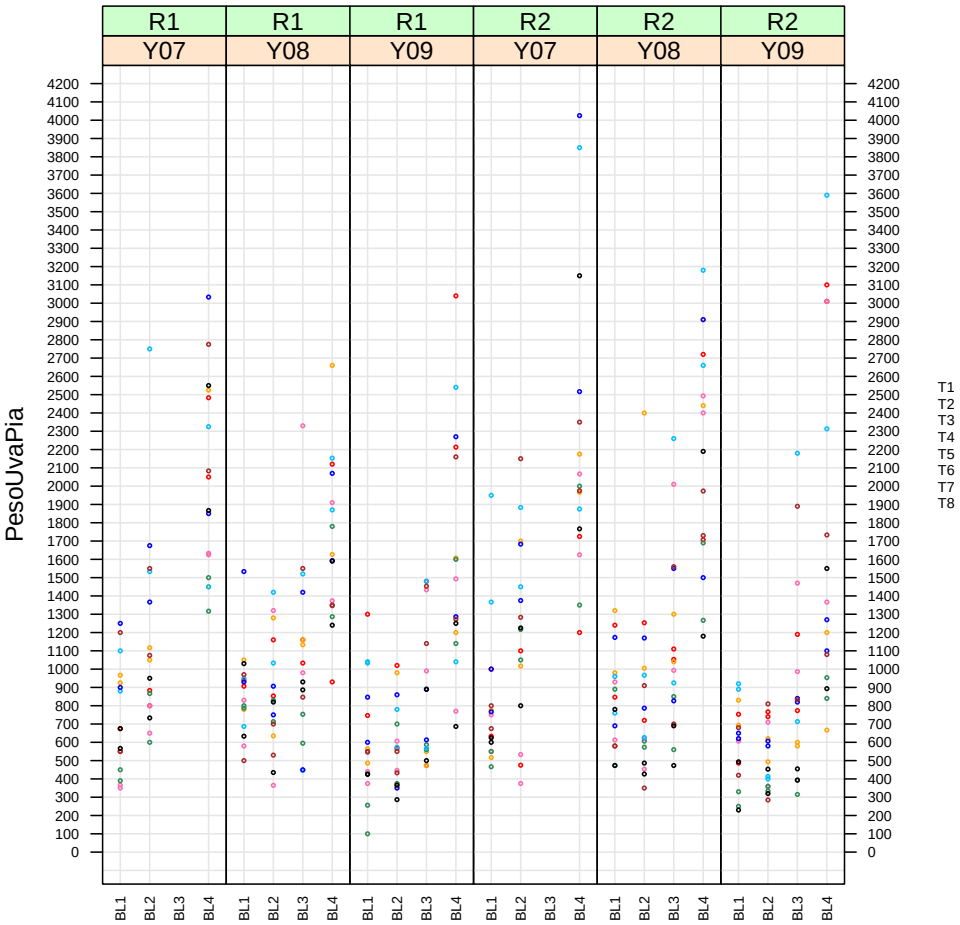


Figura 1.44: Dotplot per Blocco del Peso medio dell’uva per pianta

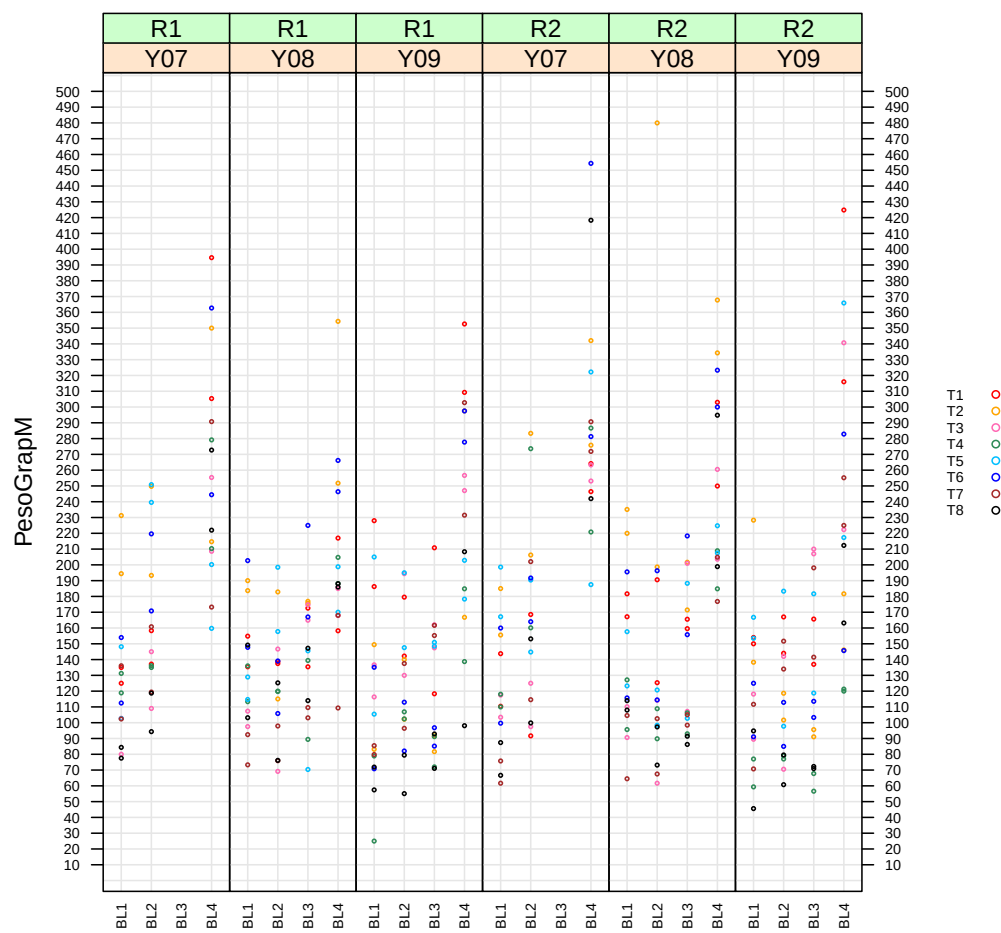


Figura 1.45: Dotplot per Blocco del Peso medio del grappolo

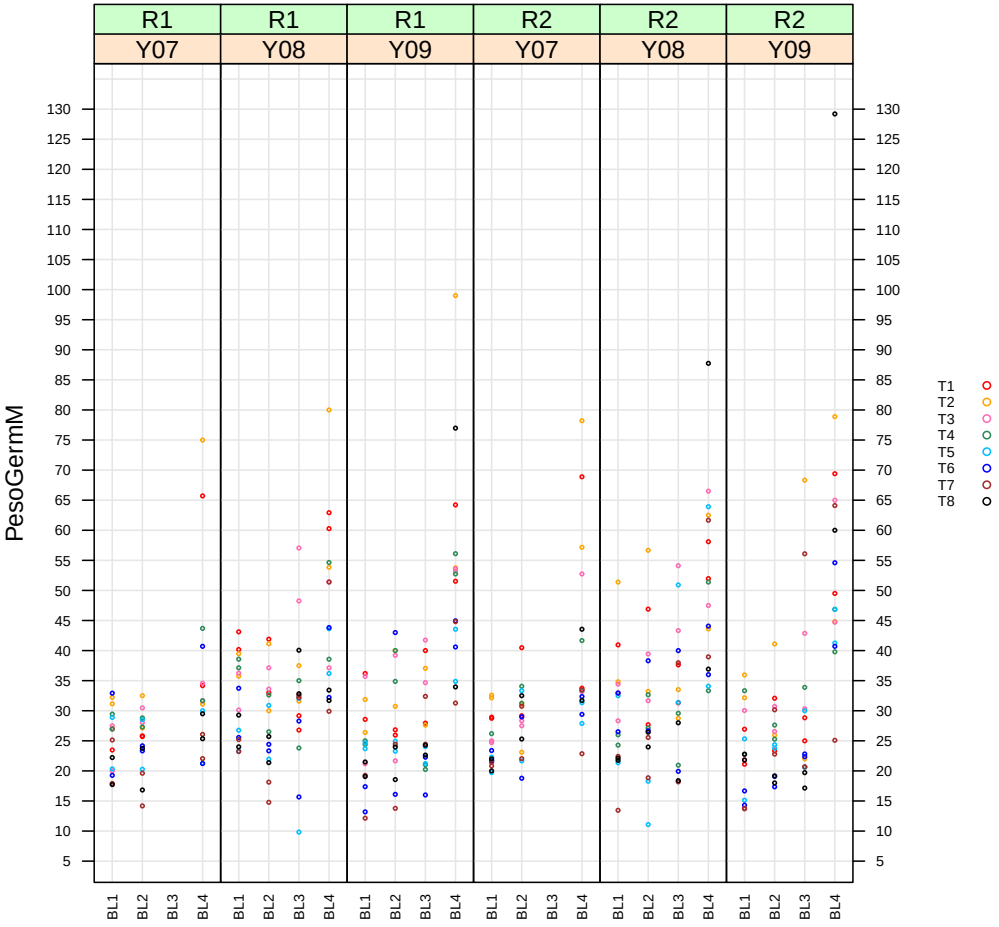


Figura 1.46: Dotplot per Blocco del Peso medio del germoglio

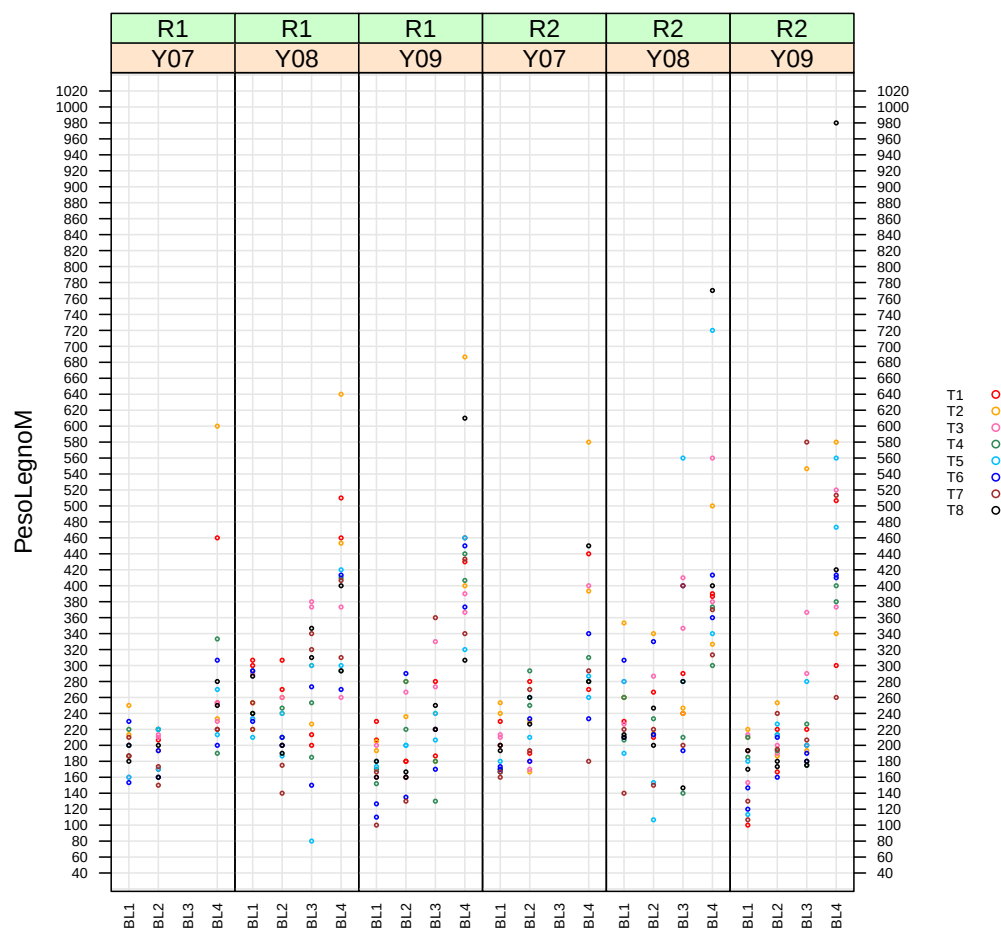


Figura 1.47: Dotplot per Blocco del Peso medio del legno

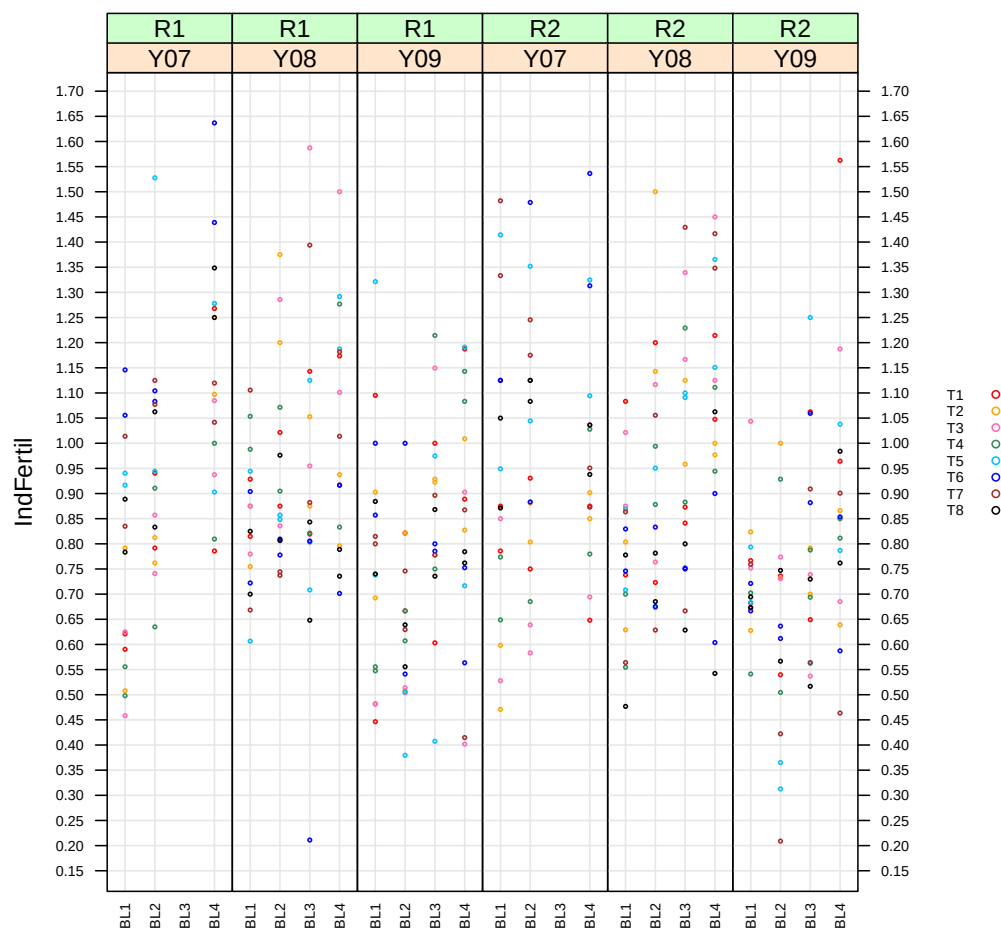


Figura 1.48: Dotplot per Blocco dell'Indice di Fertilità

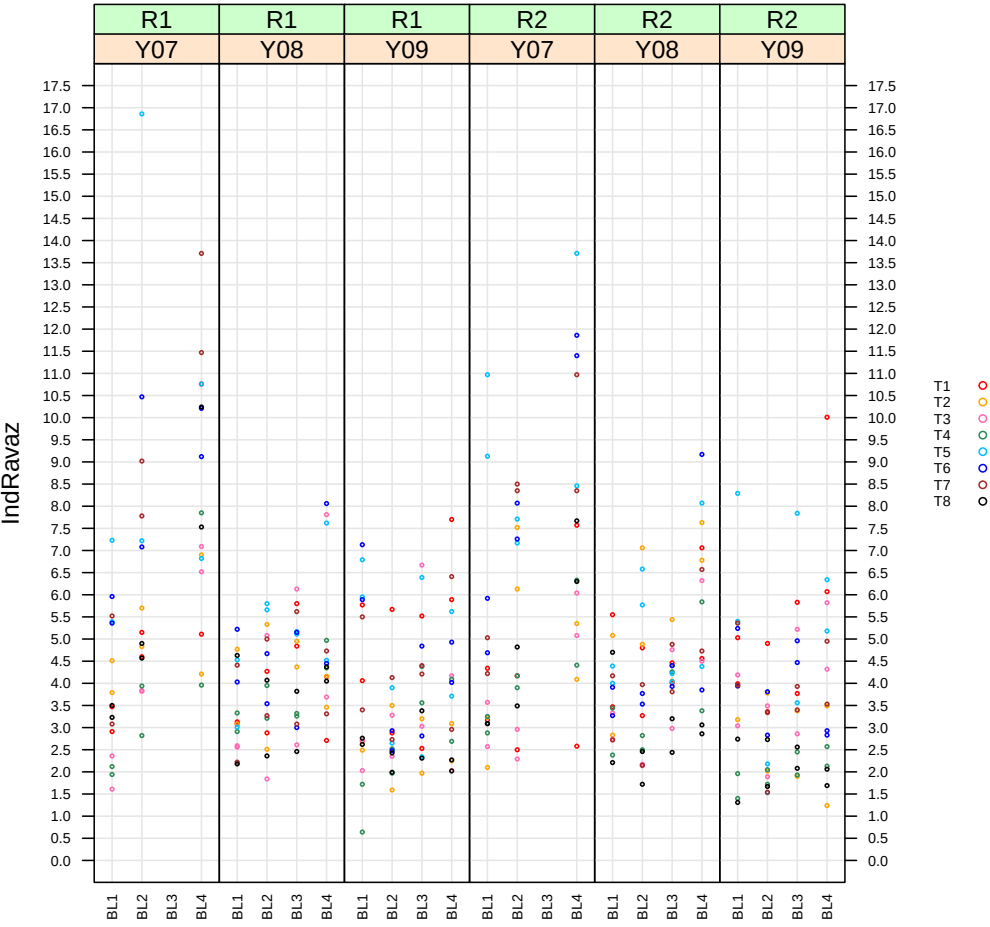


Figura 1.49: Dotplot per Blocco dell'Indice di Ravaz

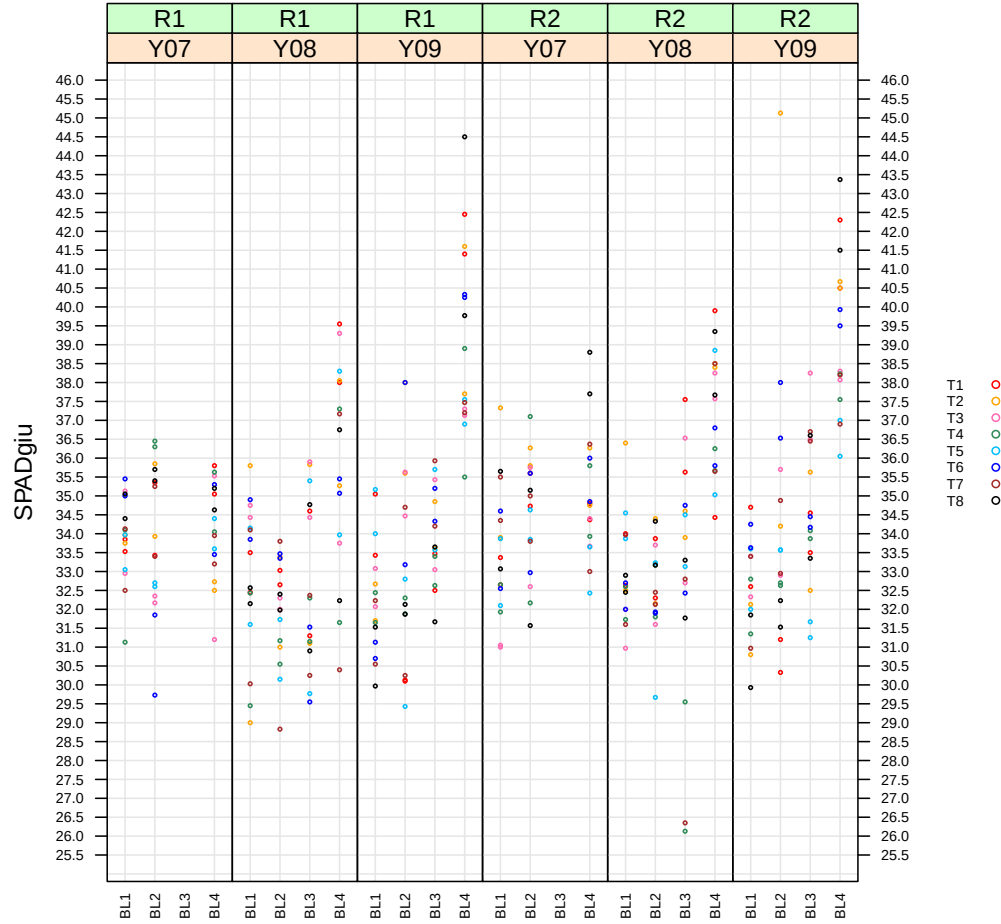


Figura 1.50: Dotplot per Blocco dell'Indice SPAD (giugno)

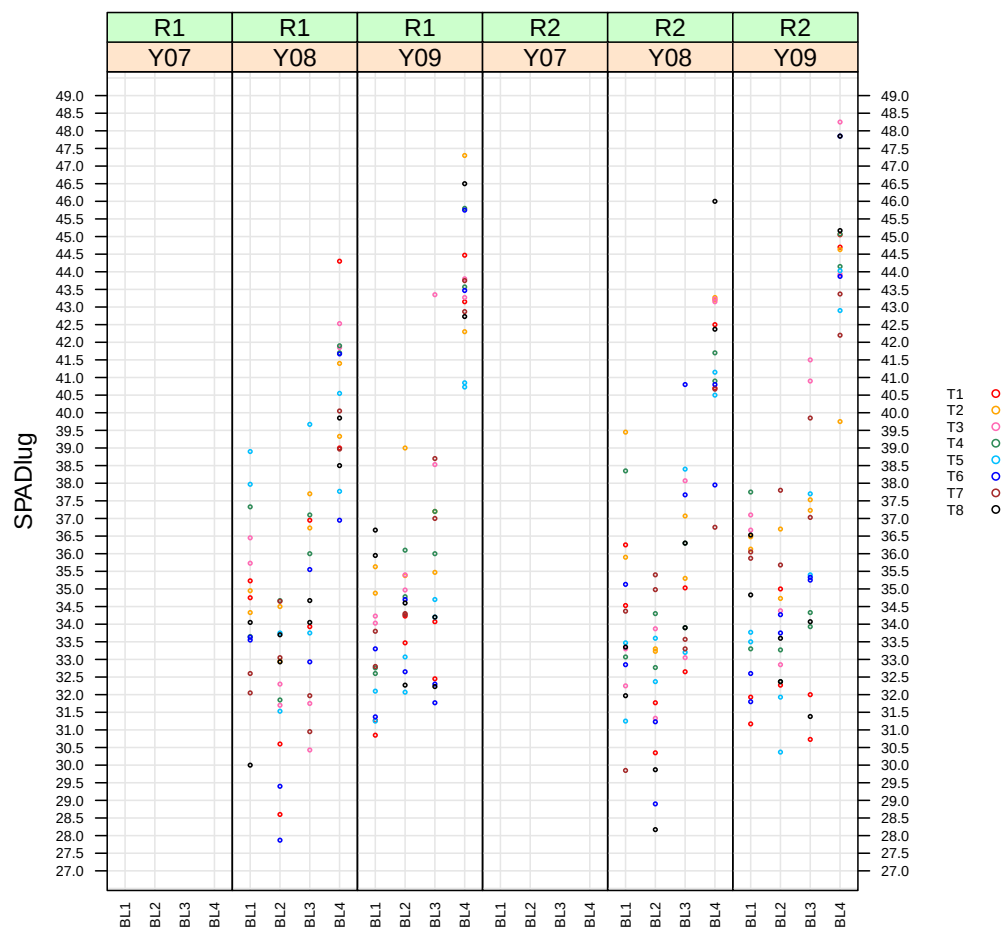


Figura 1.51: Dotplot per Blocco dell'Indice SPAD (luglio)

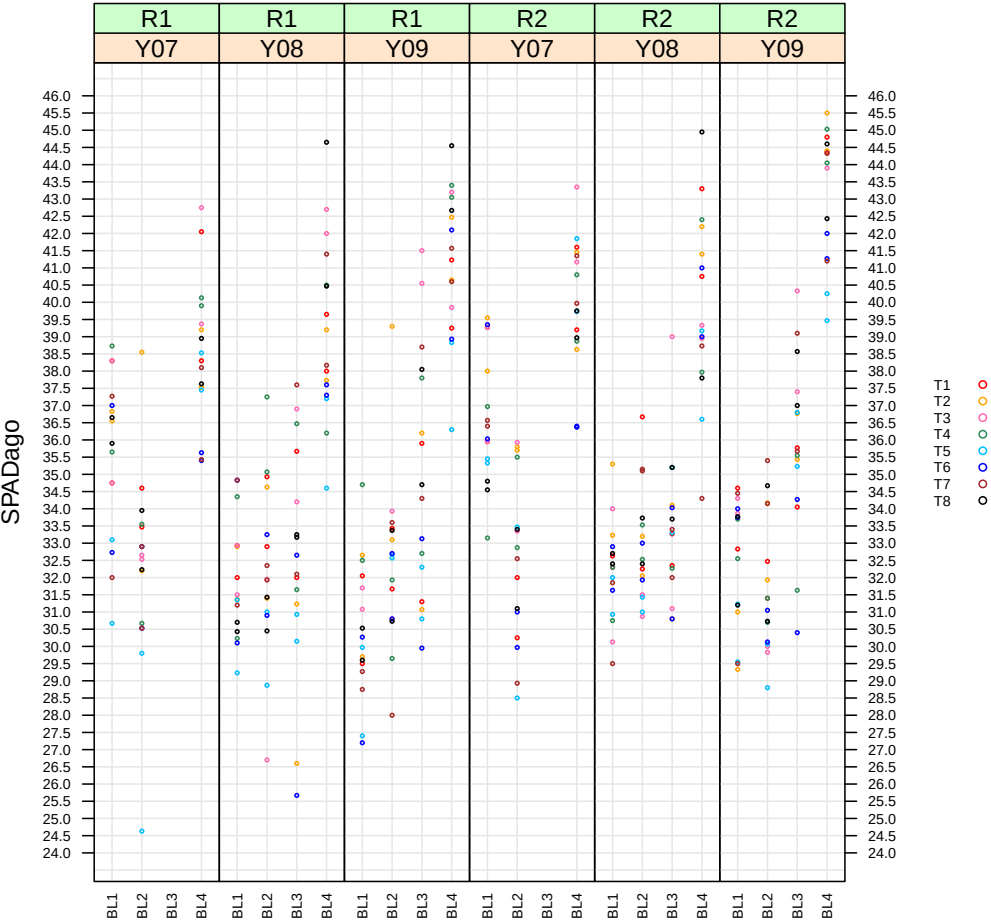


Figura 1.52: Dotplot per Blocco dell'Indice SPAD (agosto)

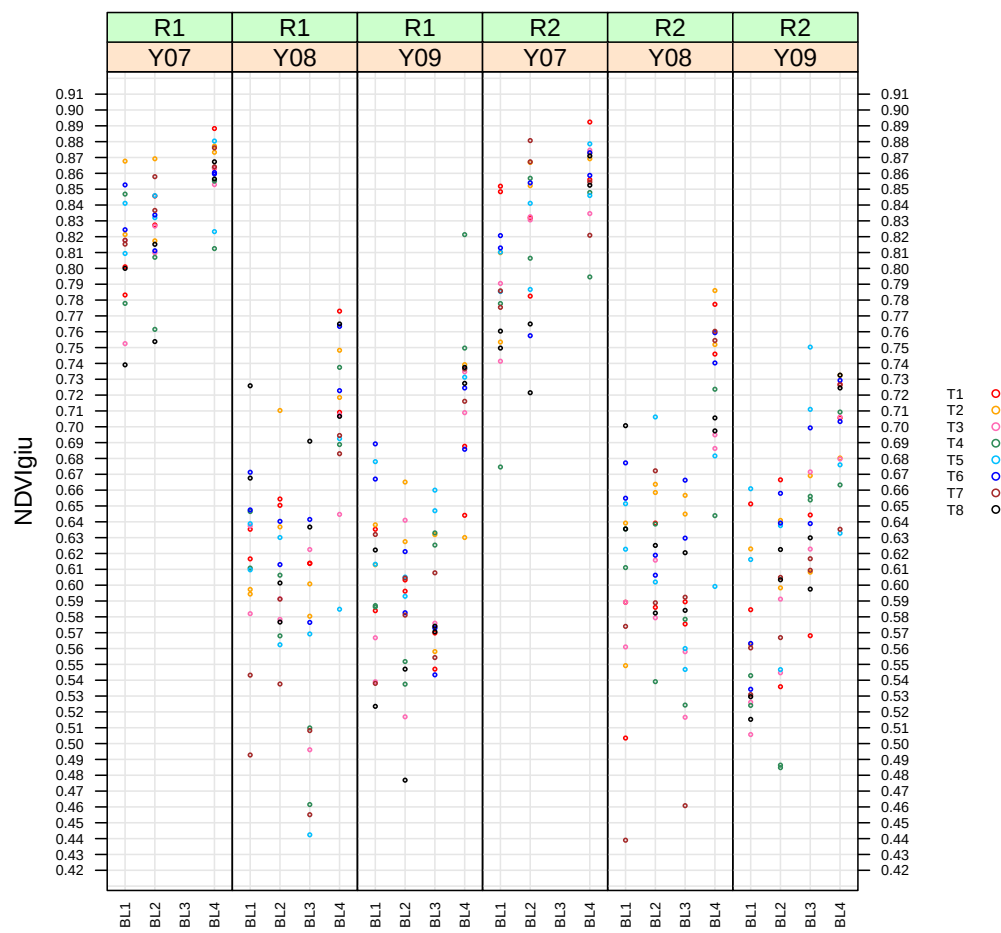


Figura 1.53: Dotplot per Blocco dell'Indice NDVI (giugno)

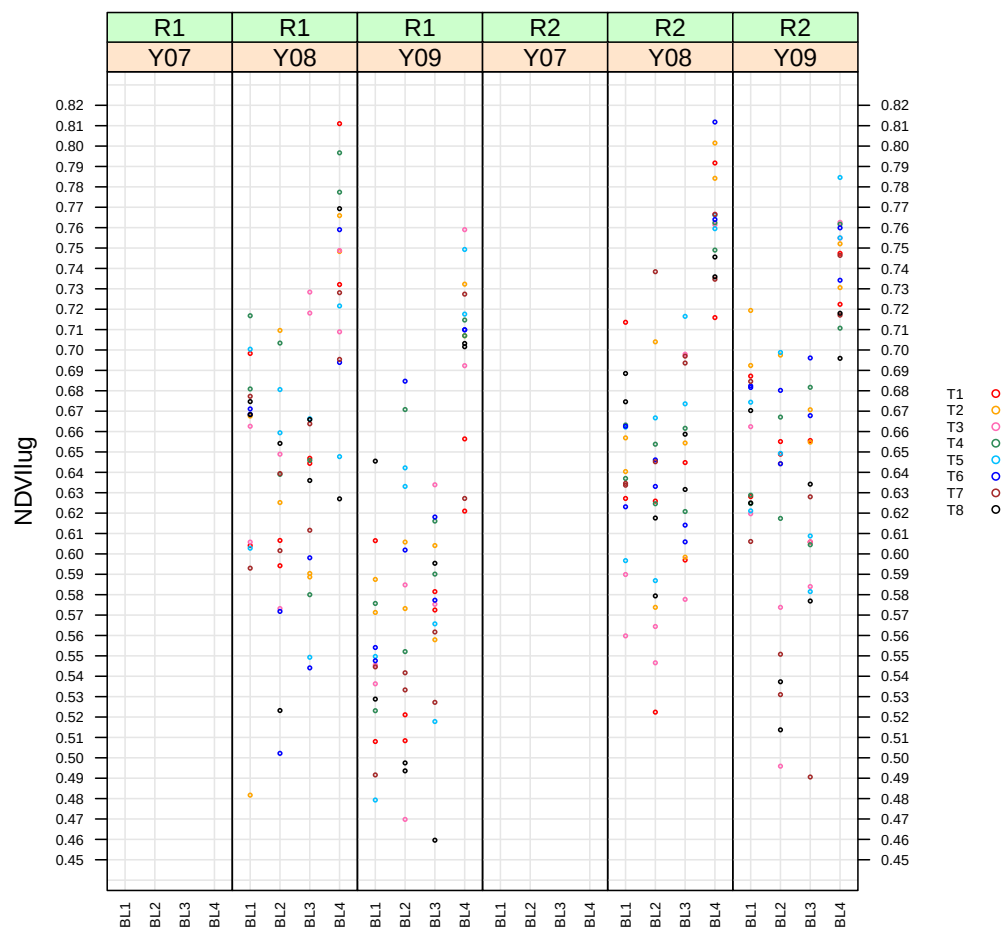


Figura 1.54: Dotplot per Blocco dell'Indice NDVI (luglio)

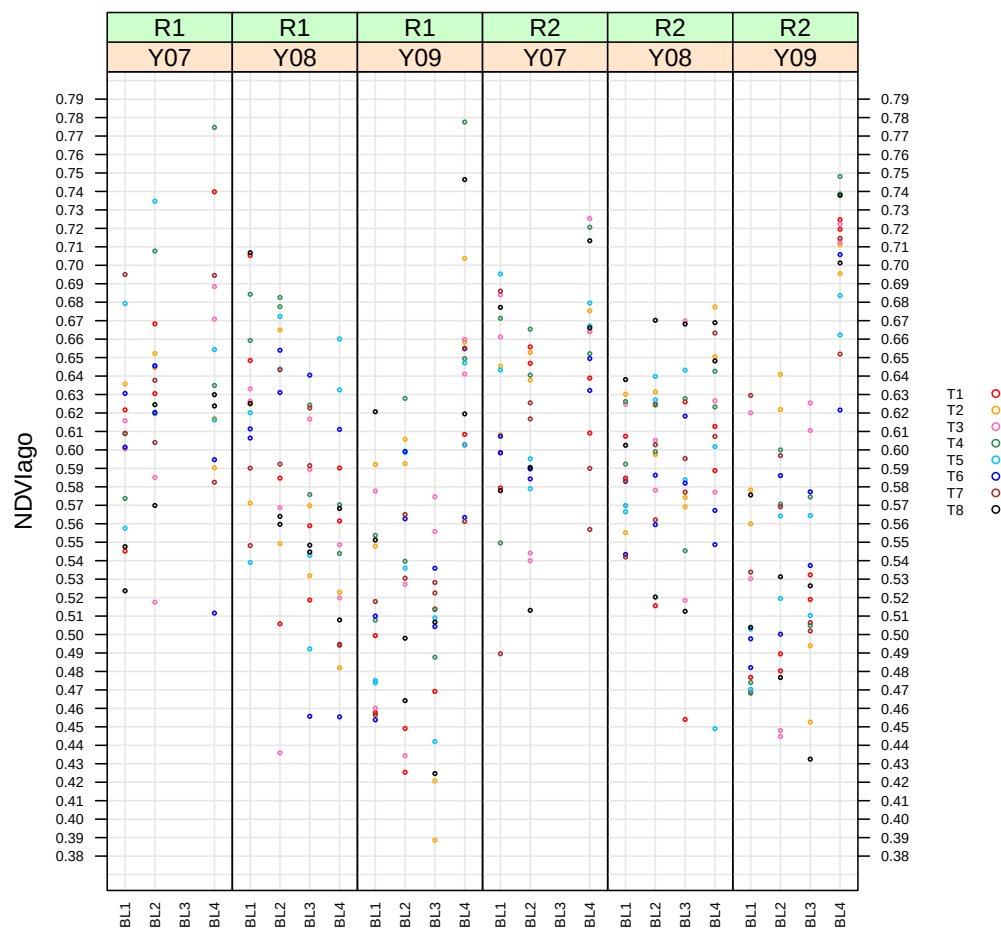


Figura 1.55: Dotplot per Blocco dell'Indice NDVI (agosto)

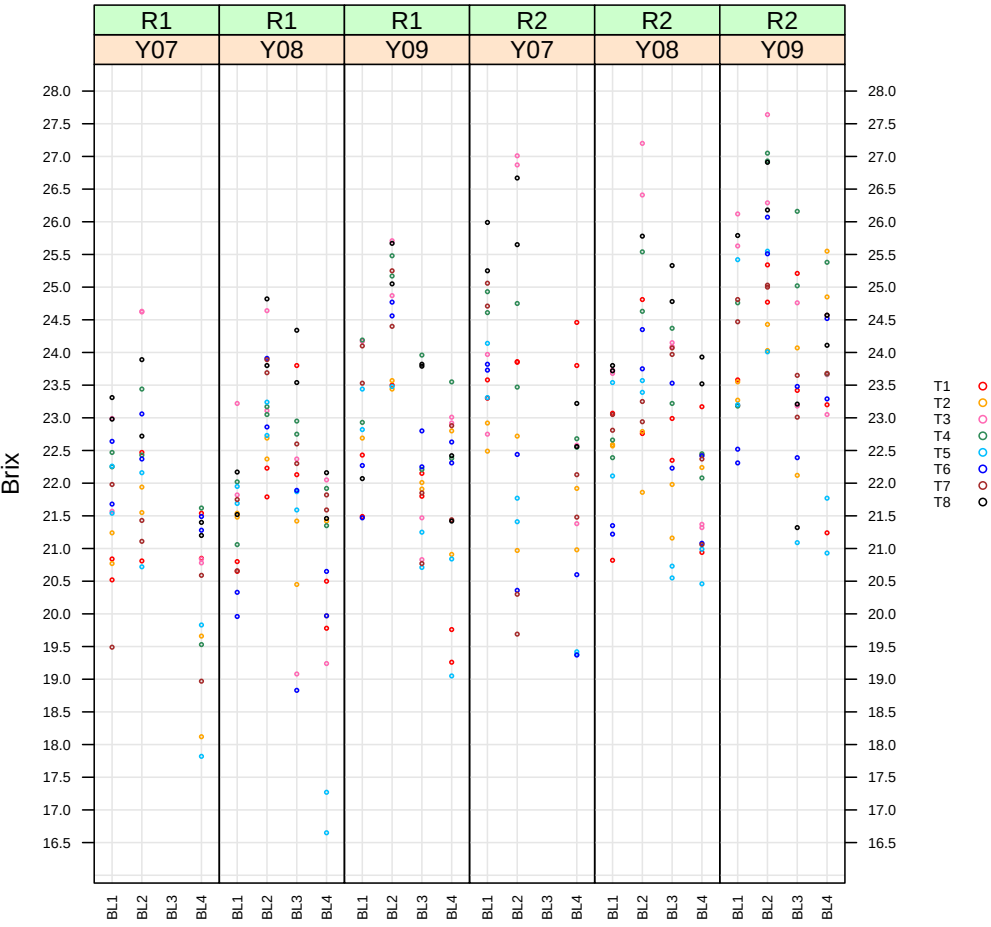


Figura 1.56: Dotplot per Blocco del Brix

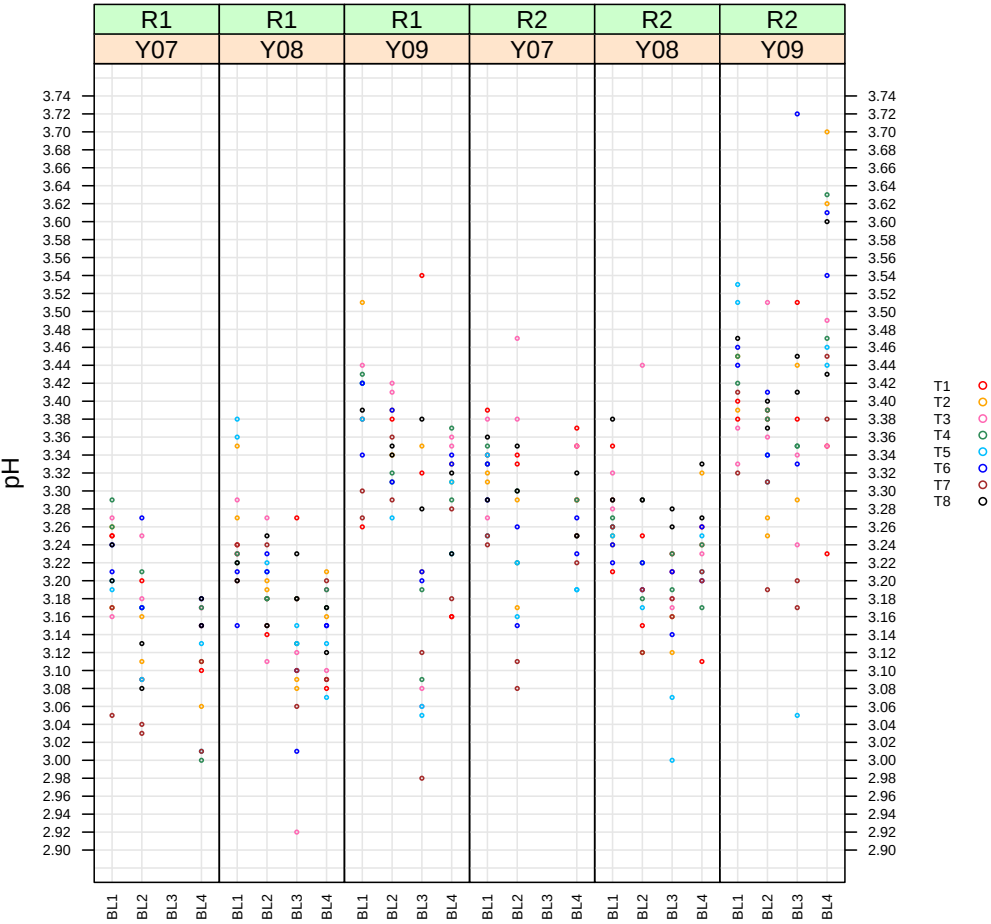


Figura 1.57: Dotplot per Blocco del pH

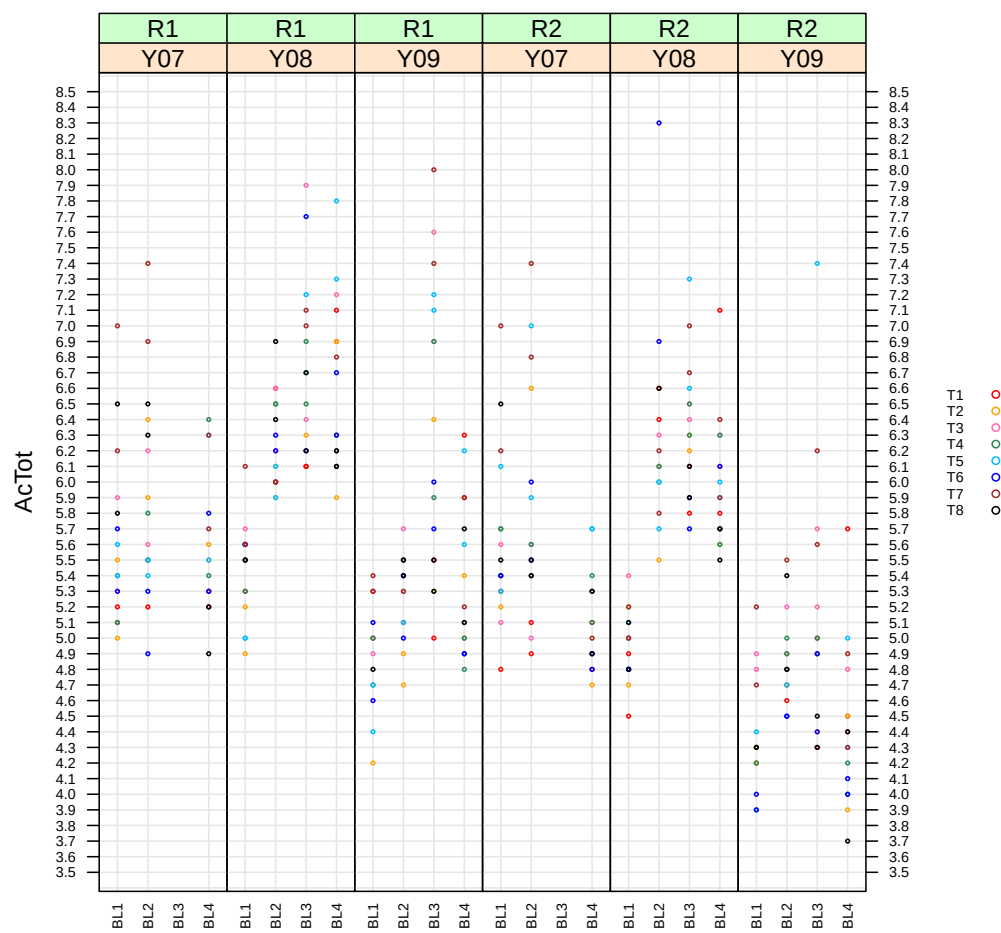


Figura 1.58: Dotplot per Blocco dell'Acidità totale

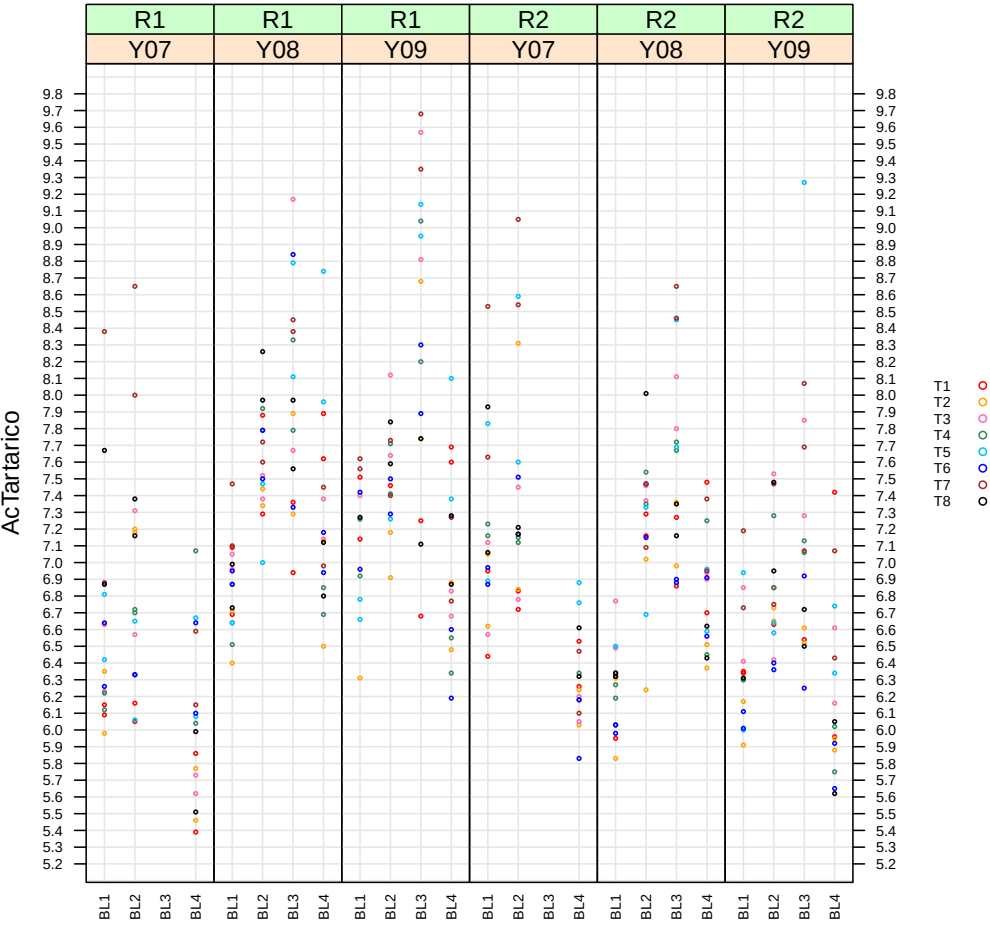


Figura 1.59: Dotplot per Blocco dell'Acido tartarico

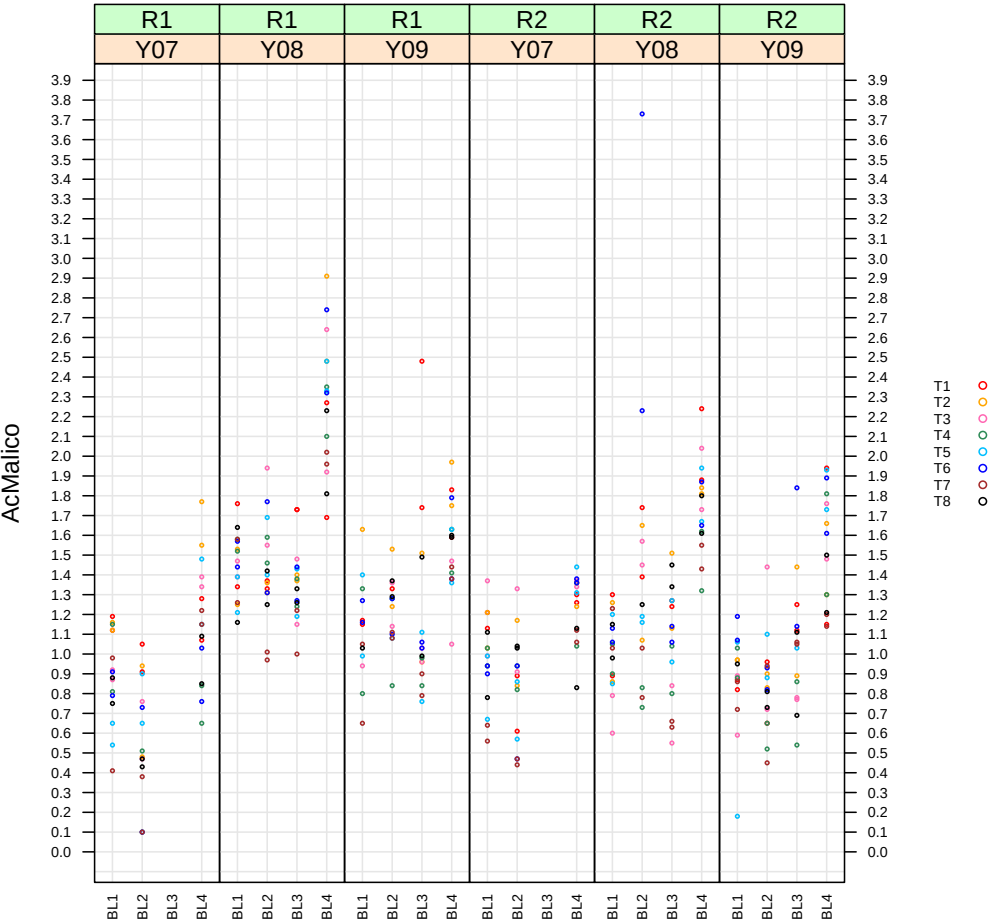


Figura 1.60: Dotplot per Blocco dell'Acido Malico

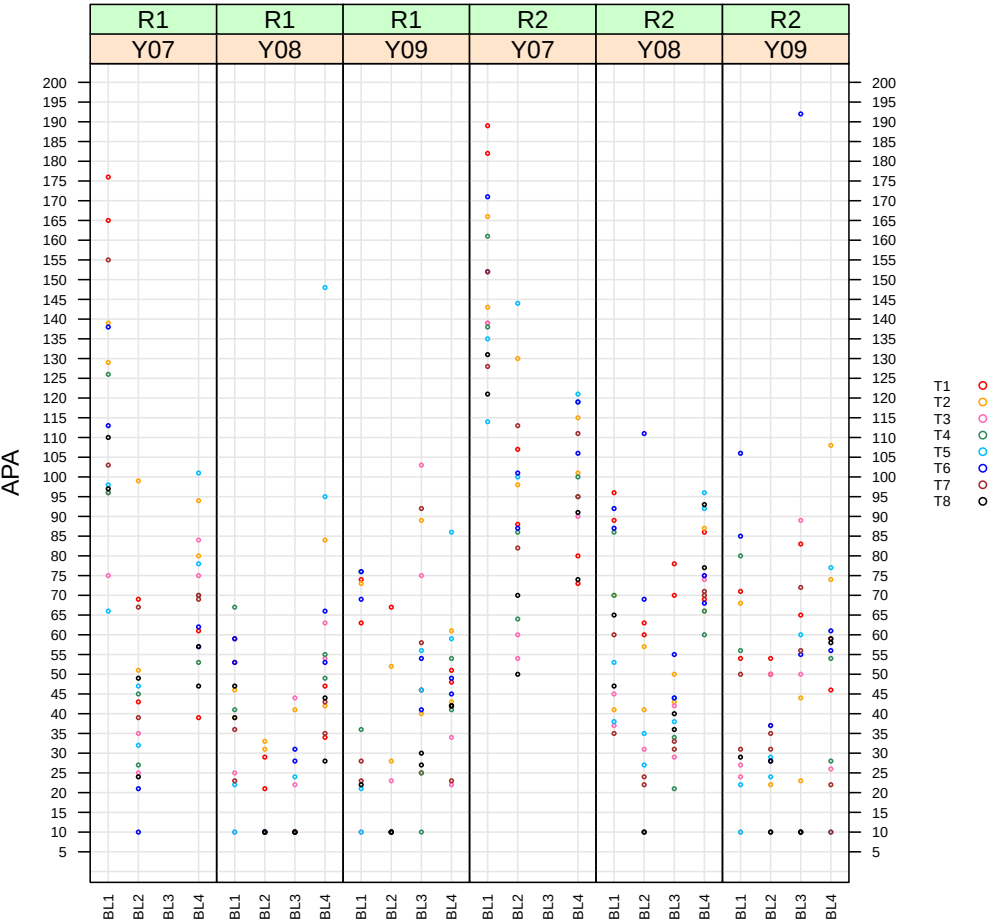


Figura 1.61: Dotplot per Blocco dell’Azoto prontamente assimilabile

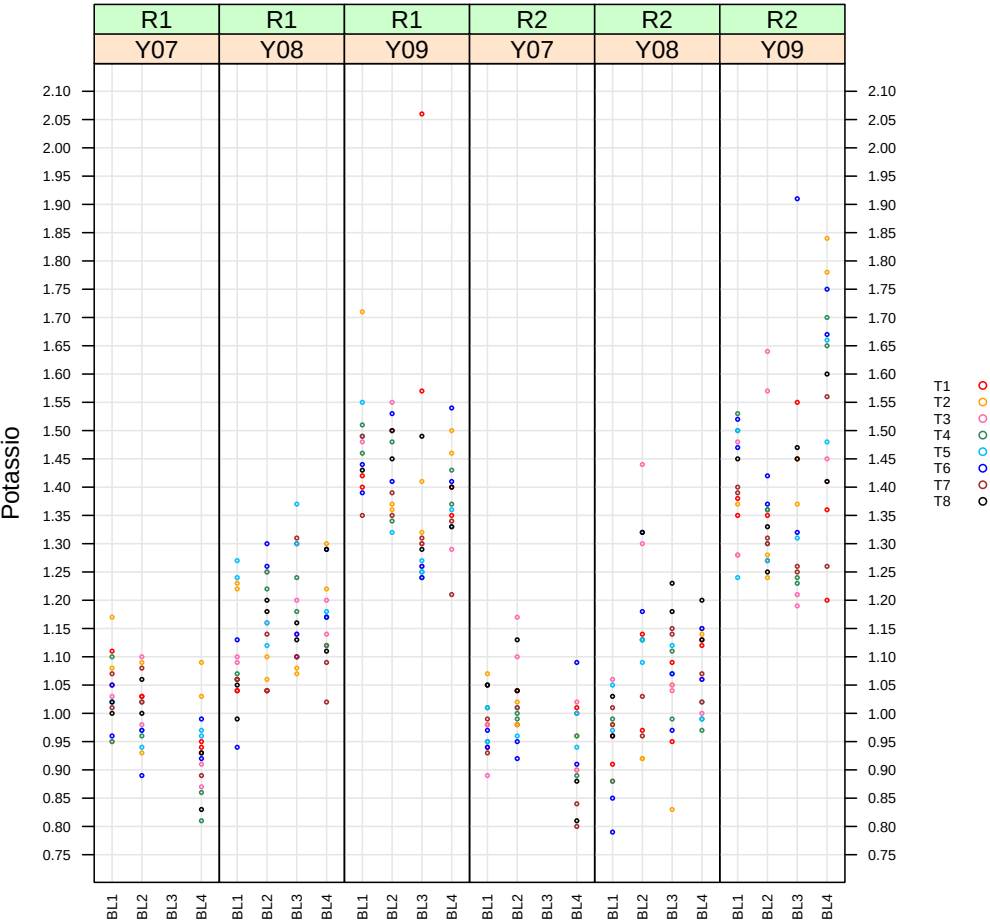


Figura 1.62: Dotplot per Blocco del Potassio

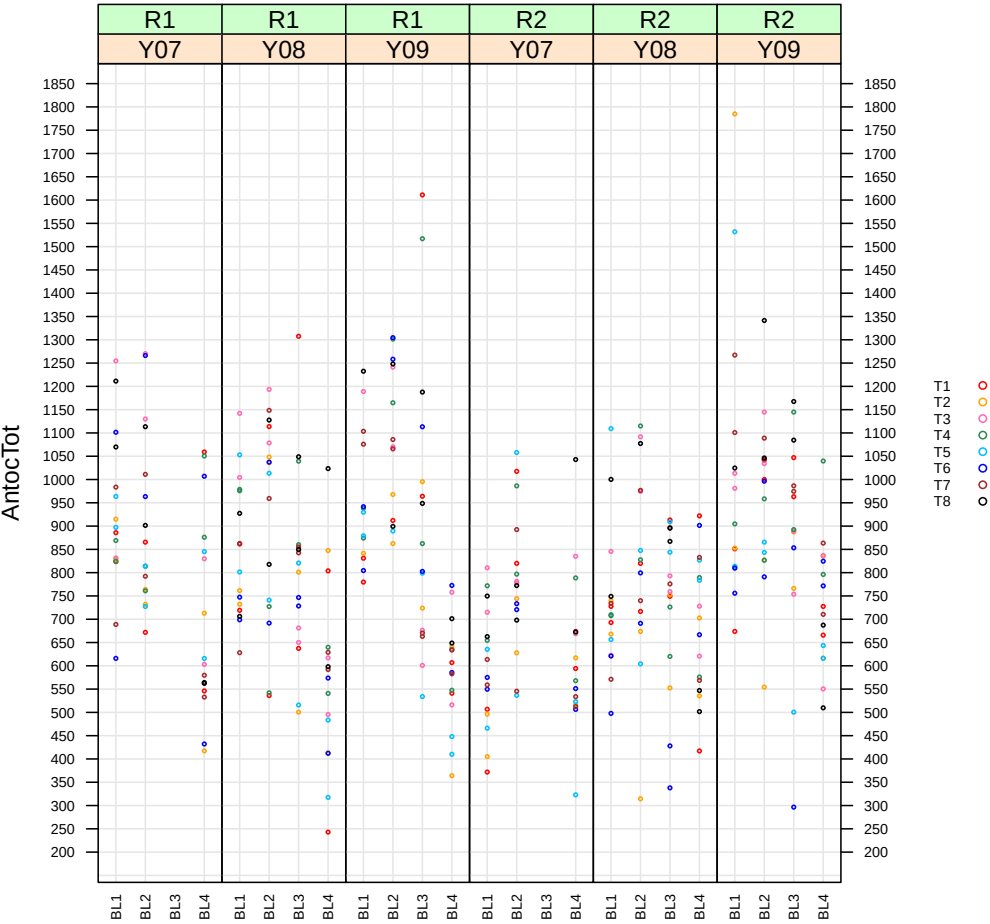


Figura 1.63: Dotplot per Blocco degli Antociani totali

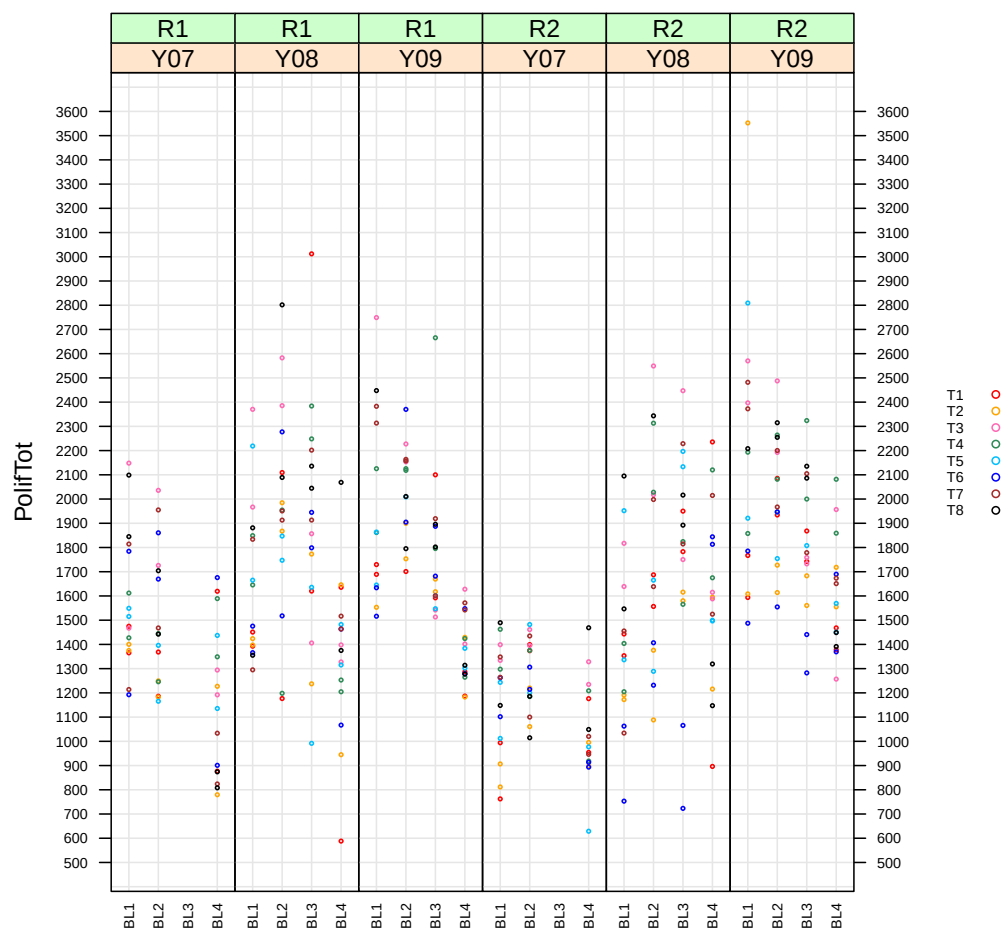


Figura 1.64: Dotplot per Blocco dei Polifenoli totali

1.3.2 Dotplot per Tesi entro Blocco

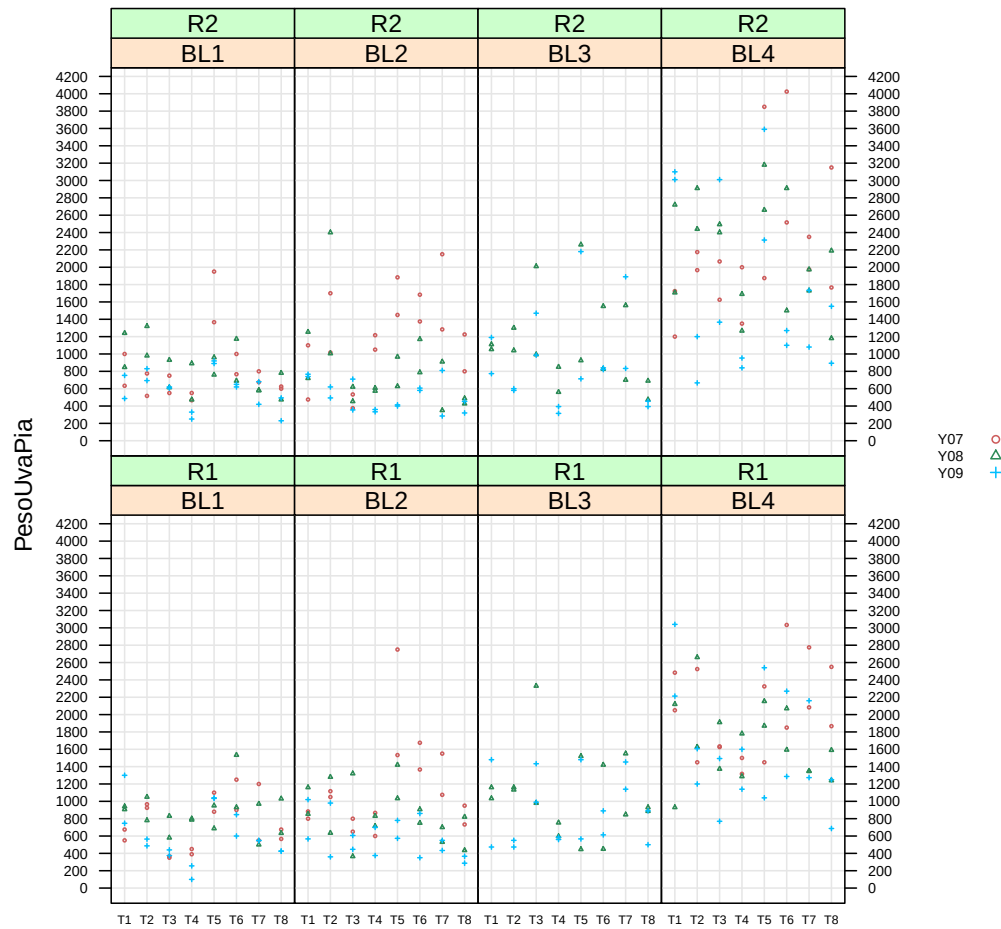


Figura 1.65: Dotplot per Tesi entro Blocco del Peso medio dell’uva per pianta

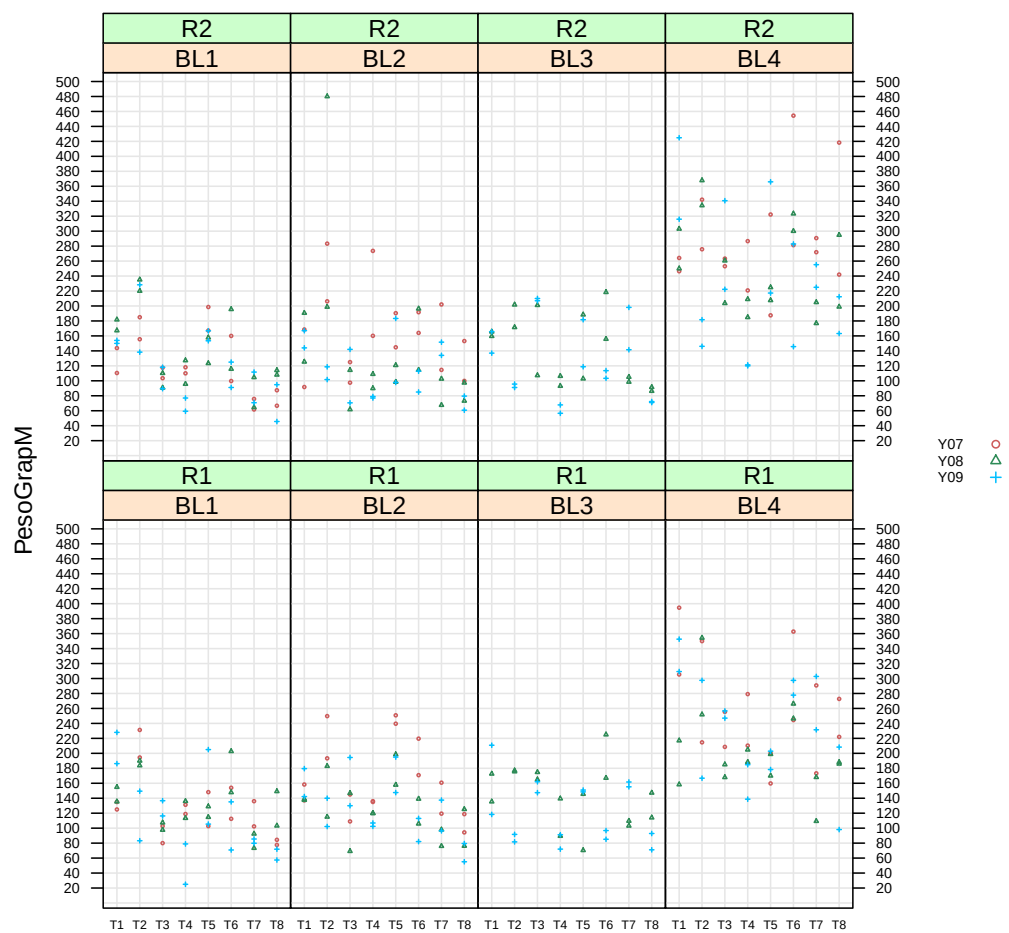


Figura 1.66: Dotplot per Tesi entro Blocco del Peso medio del grappolo

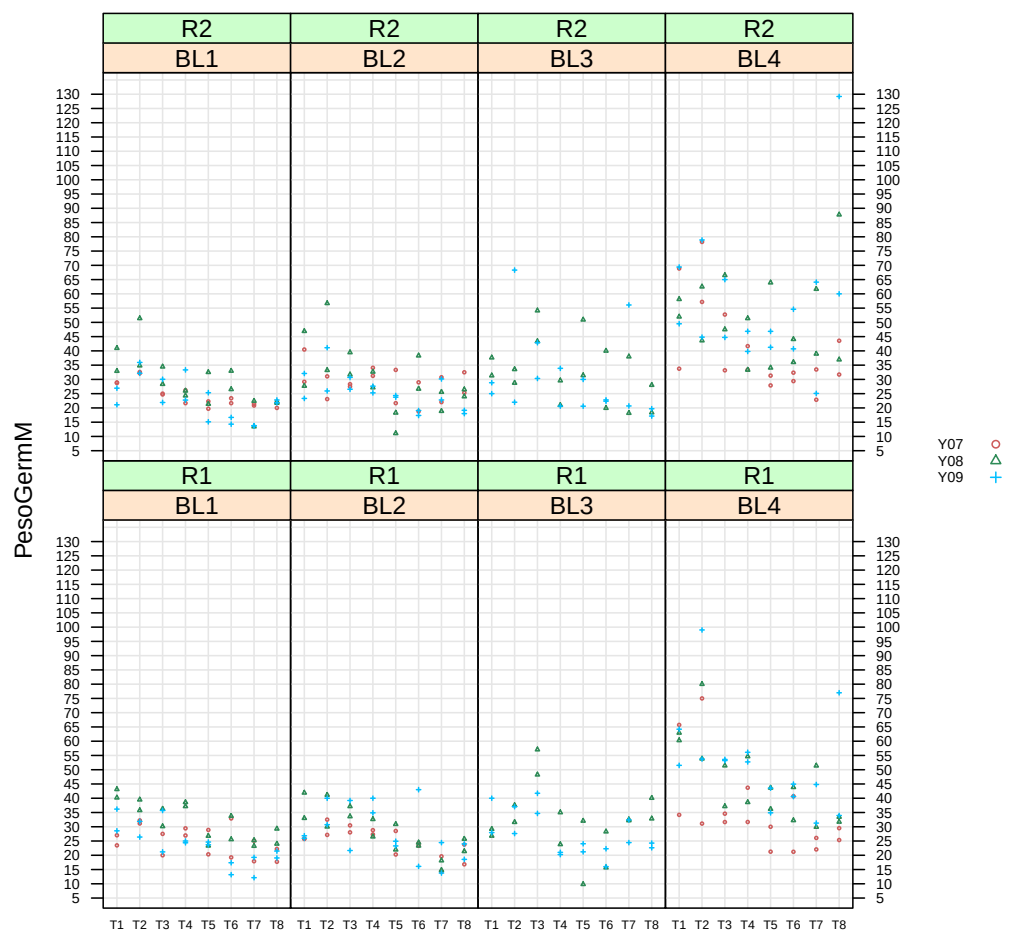


Figura 1.67: Dotplot per Tesi entro Blocco del Peso medio del germoglio

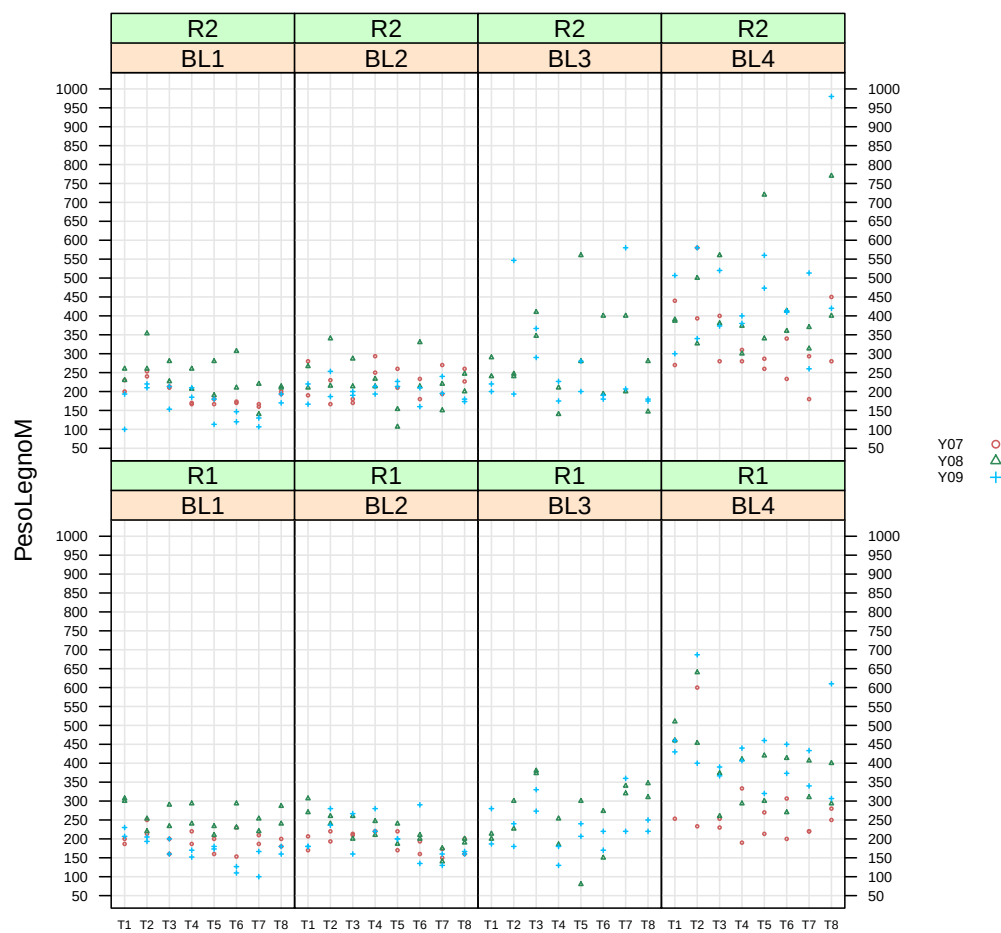


Figura 1.68: Dotplot per Tesi entro Blocco del Peso medio del legno

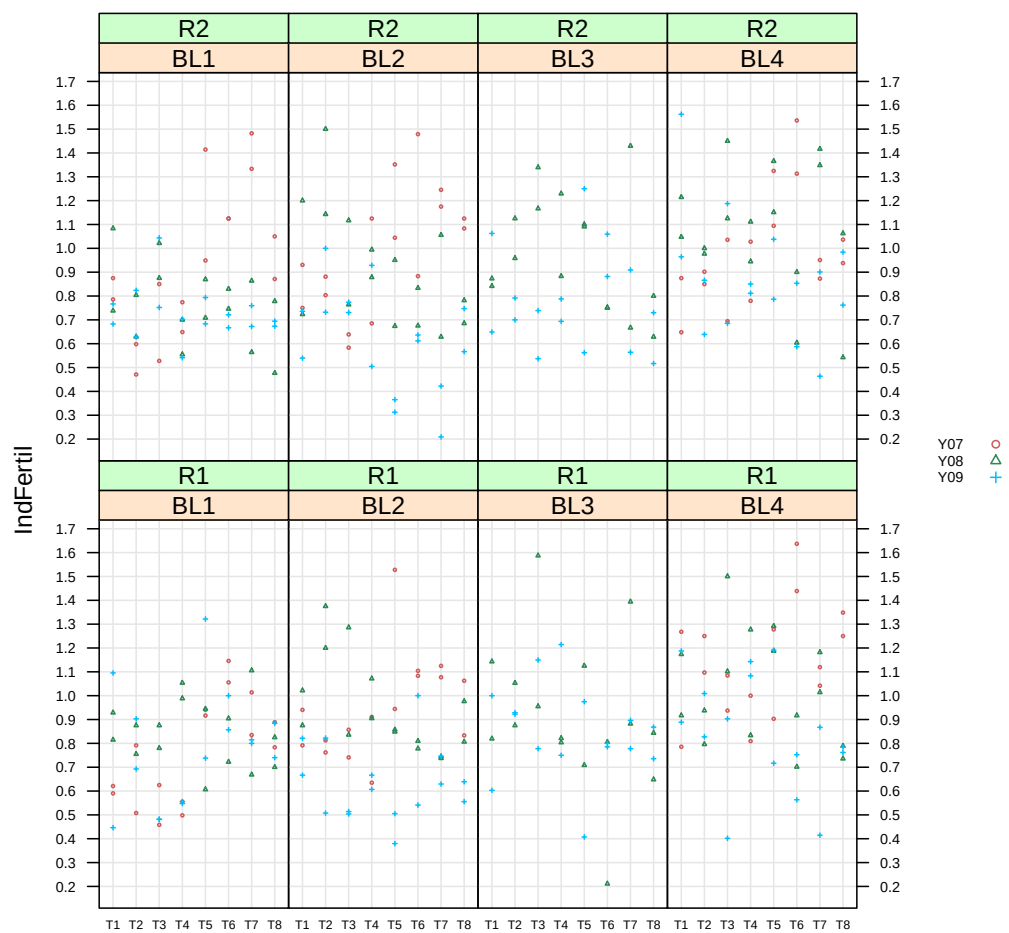


Figura 1.69: Dotplot per Tesi entro Blocco dell'Indice di Fertilità

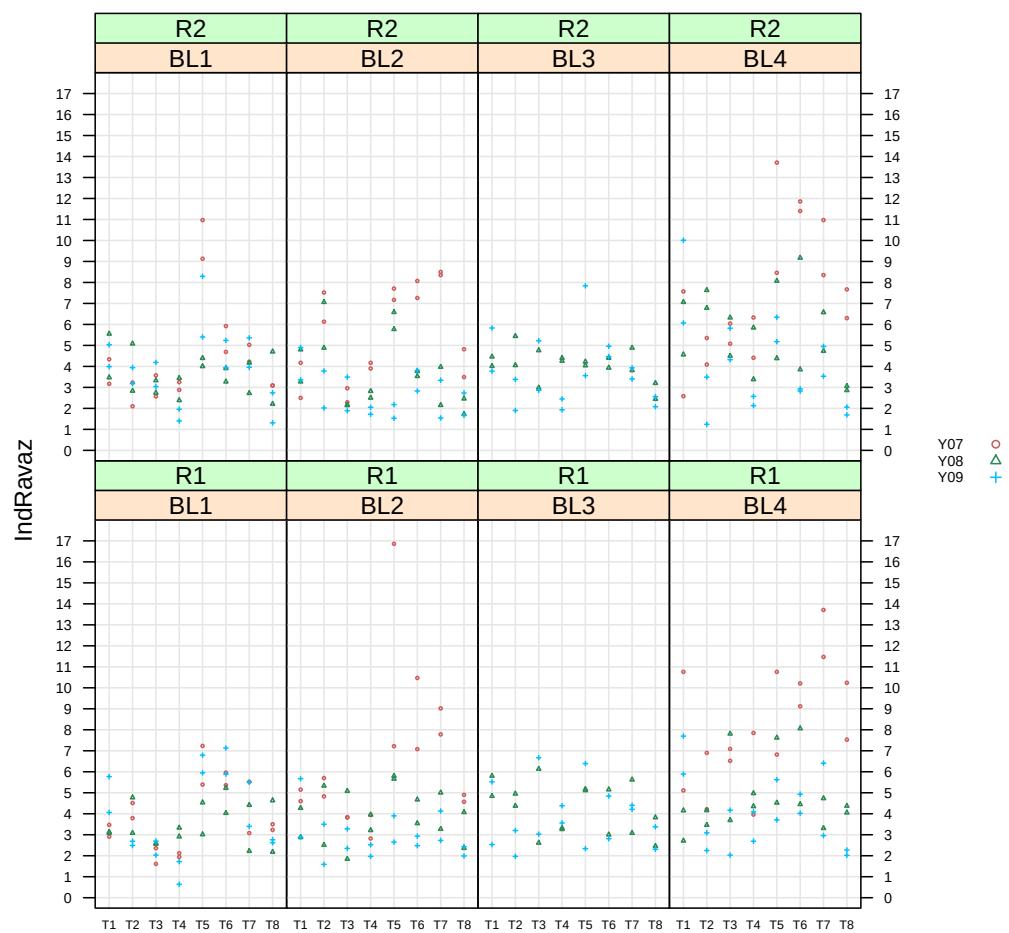


Figura 1.70: Dotplot per Tesi entro Blocco dell'Indice di Ravaz

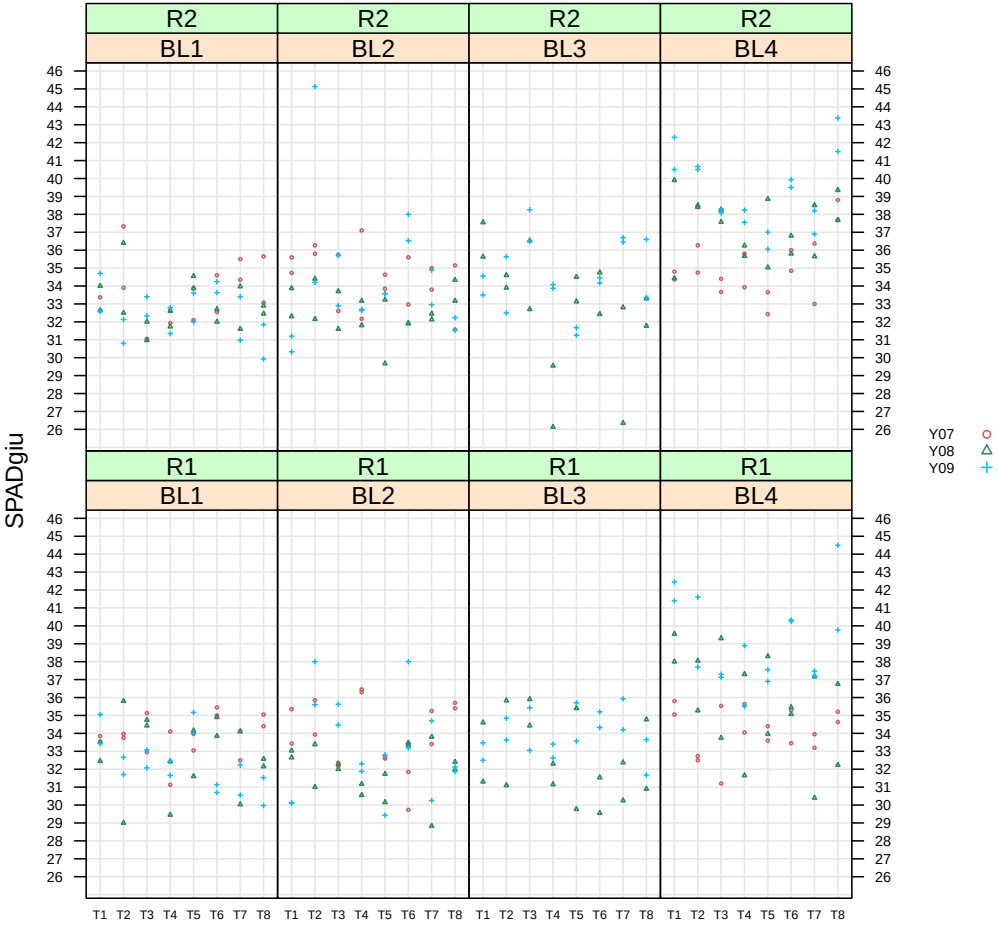


Figura 1.71: Dotplot per Tesi entro Blocco dell'Indice SPAD (giugno)

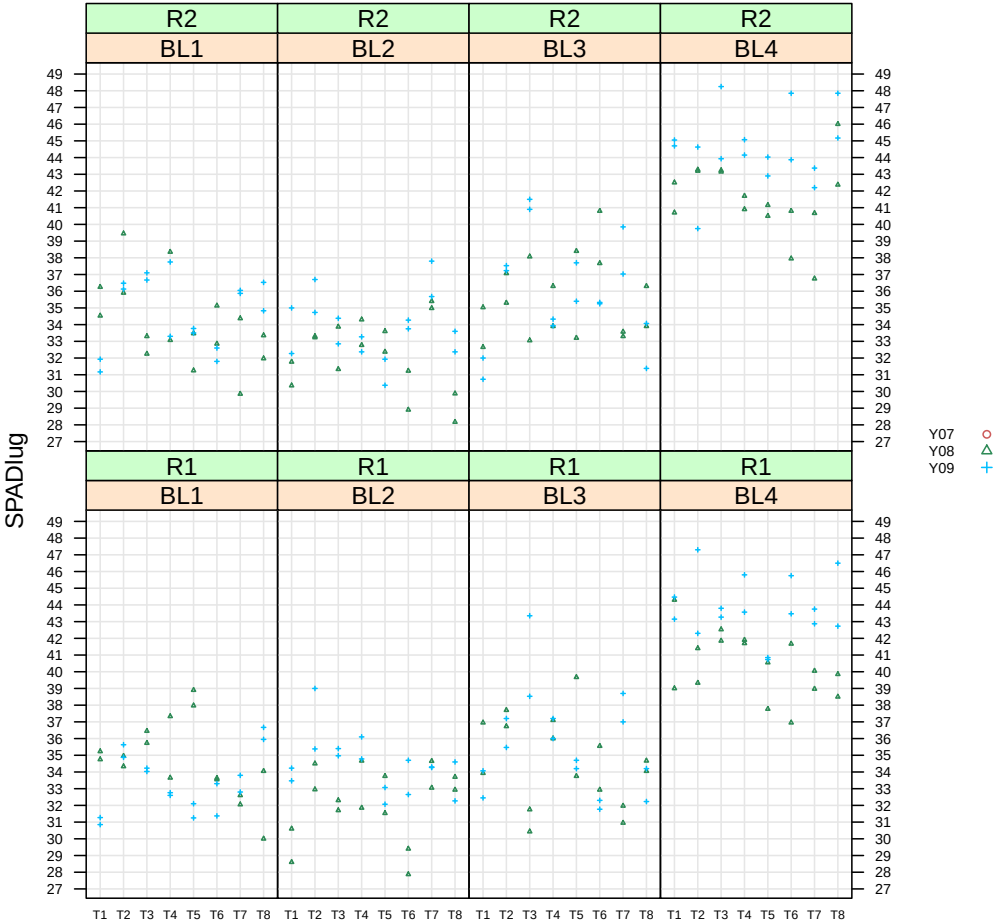


Figura 1.72: Dotplot per Tesi entro Blocco dell'Indice SPAD (luglio)

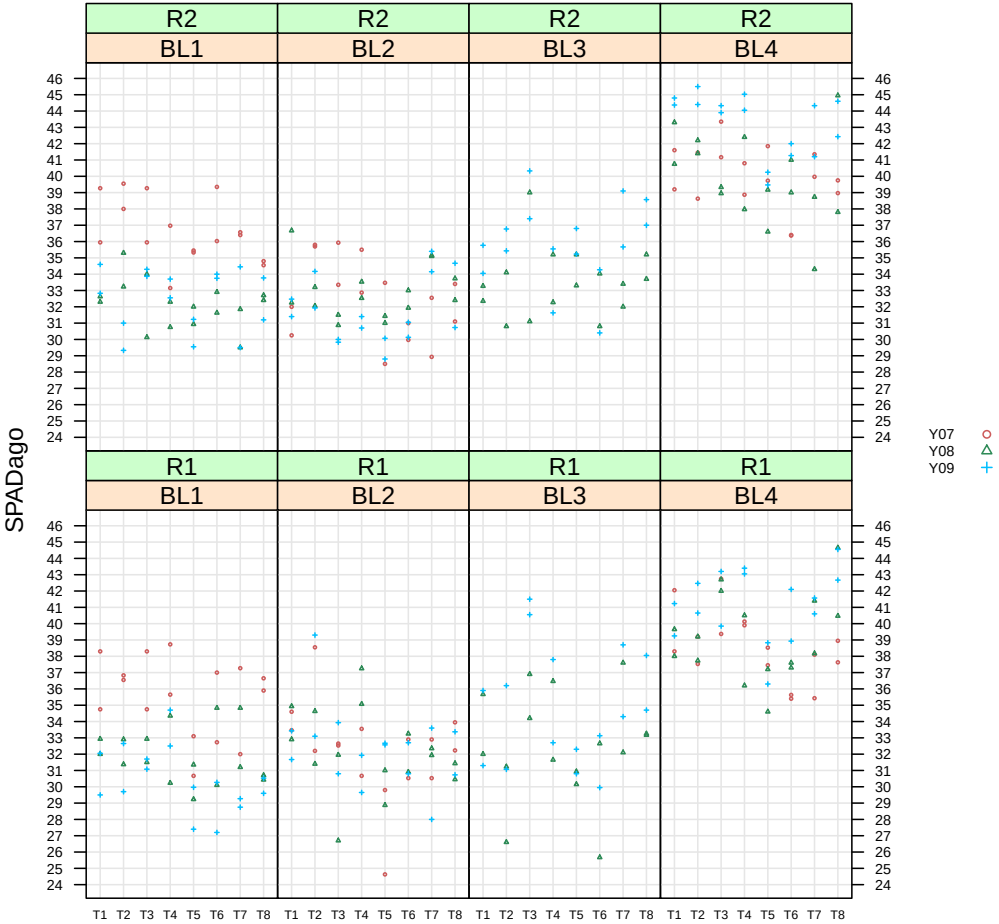


Figura 1.73: Dotplot per Tesi entro Blocco dell'Indice SPAD (agosto)

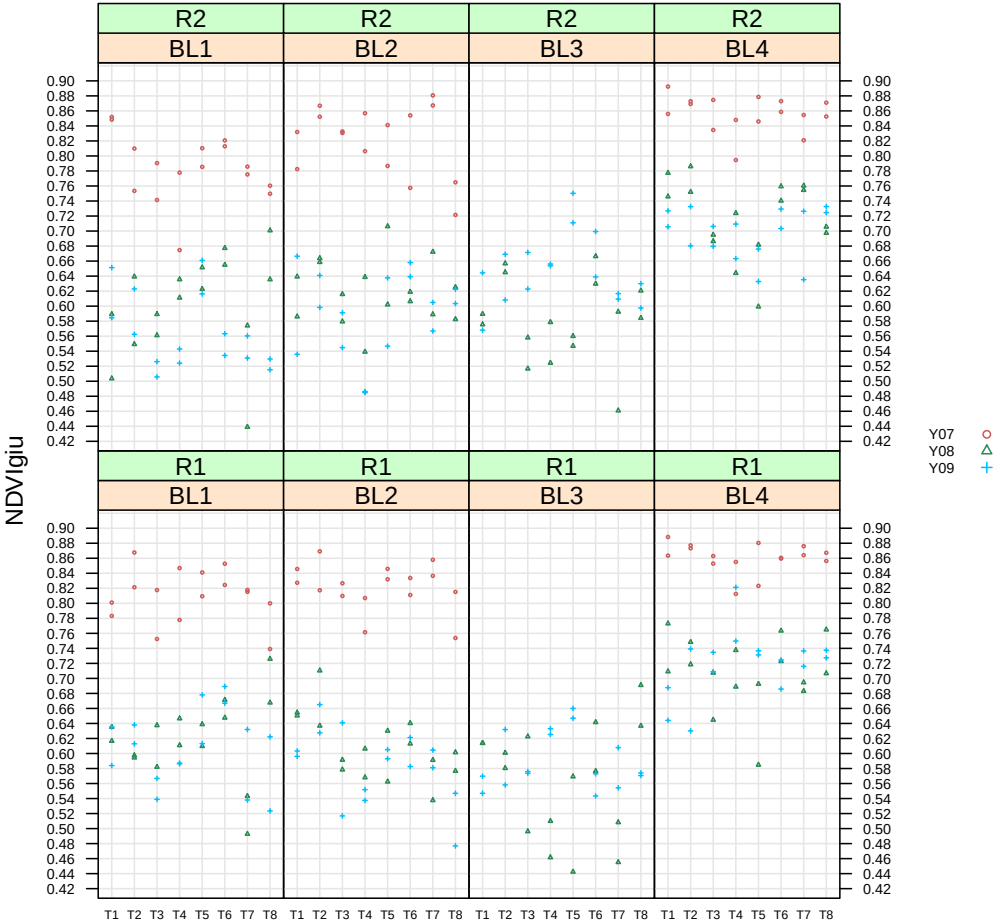


Figura 1.74: Dotplot per Tesi entro Blocco dell'Indice NDVI (giugno)

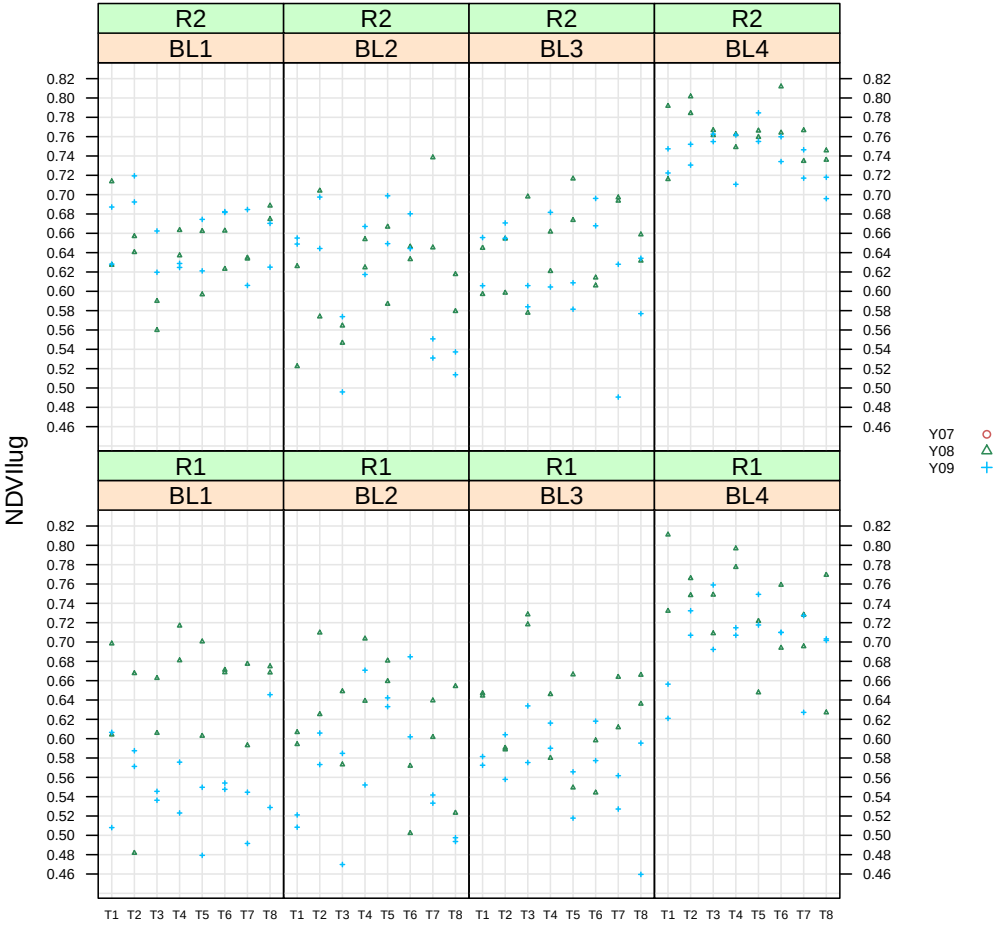


Figura 1.75: Dotplot per Tesi entro Blocco dell'Indice NDVI (luglio)

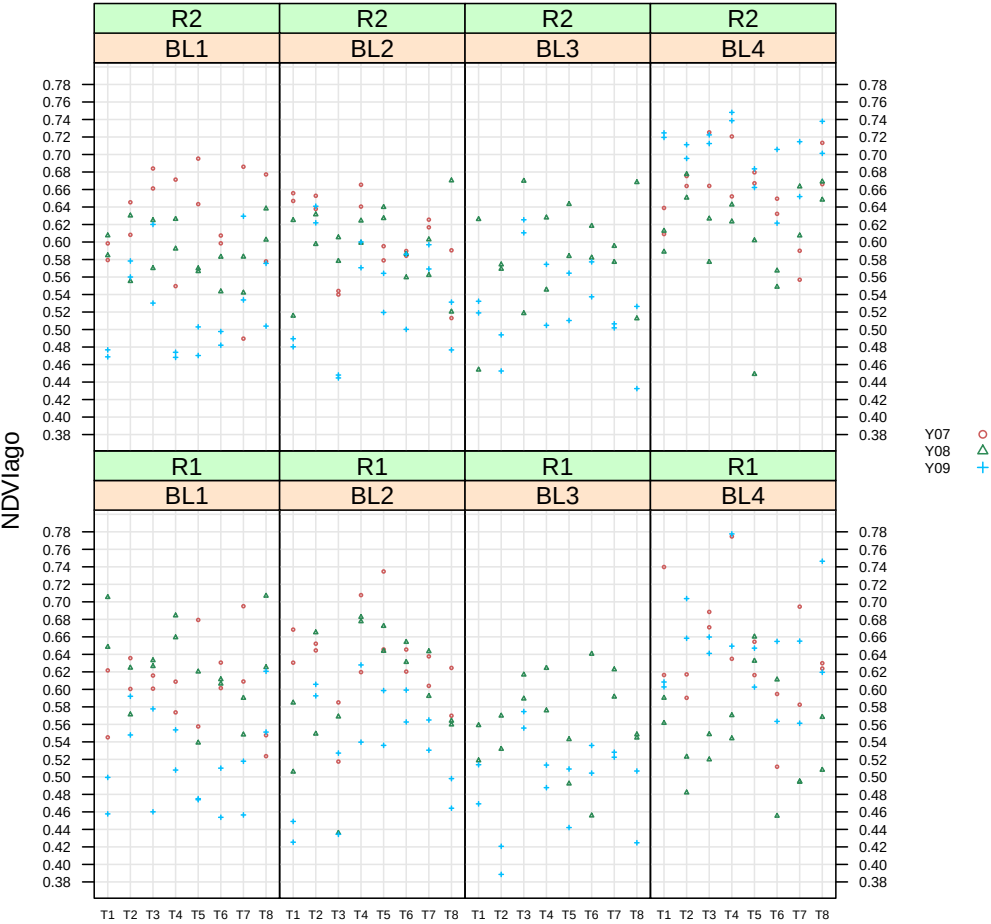


Figura 1.76: Dotplot per Tesi entro Blocco dell'Indice NDVI (agosto)

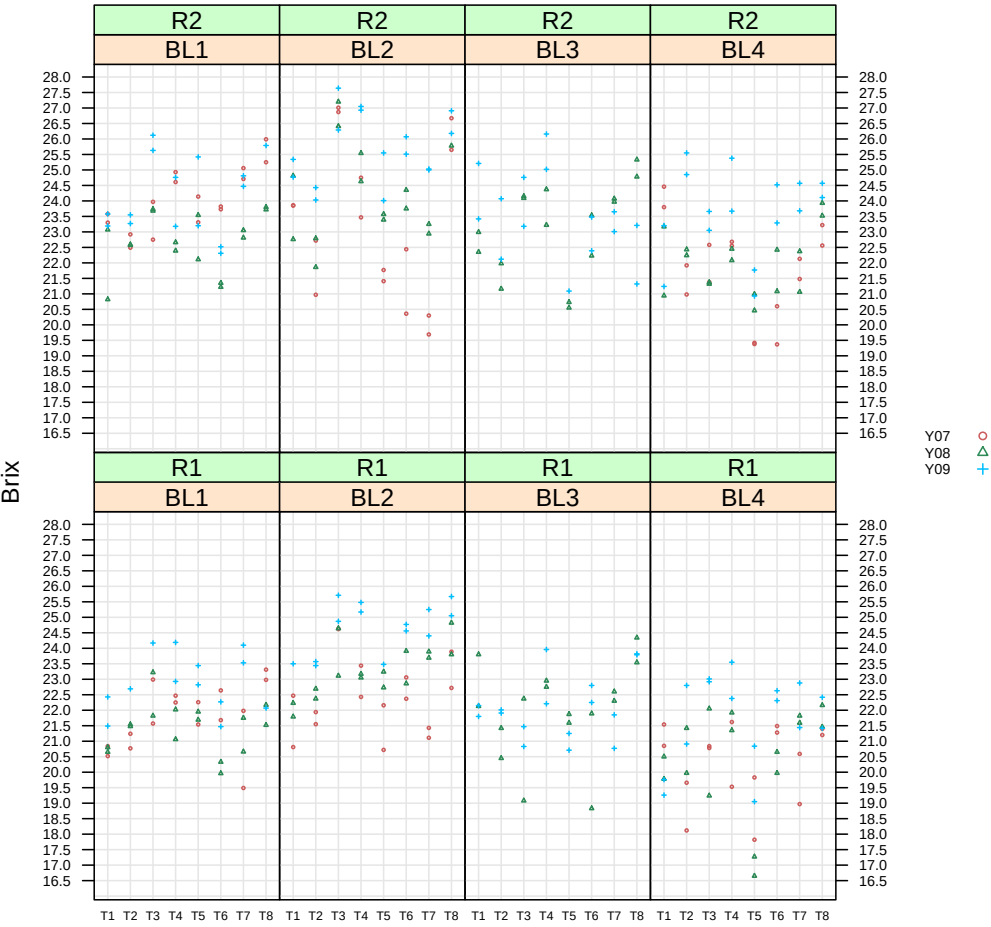


Figura 1.77: Dotplot per Tesi entro Blocco del Brix

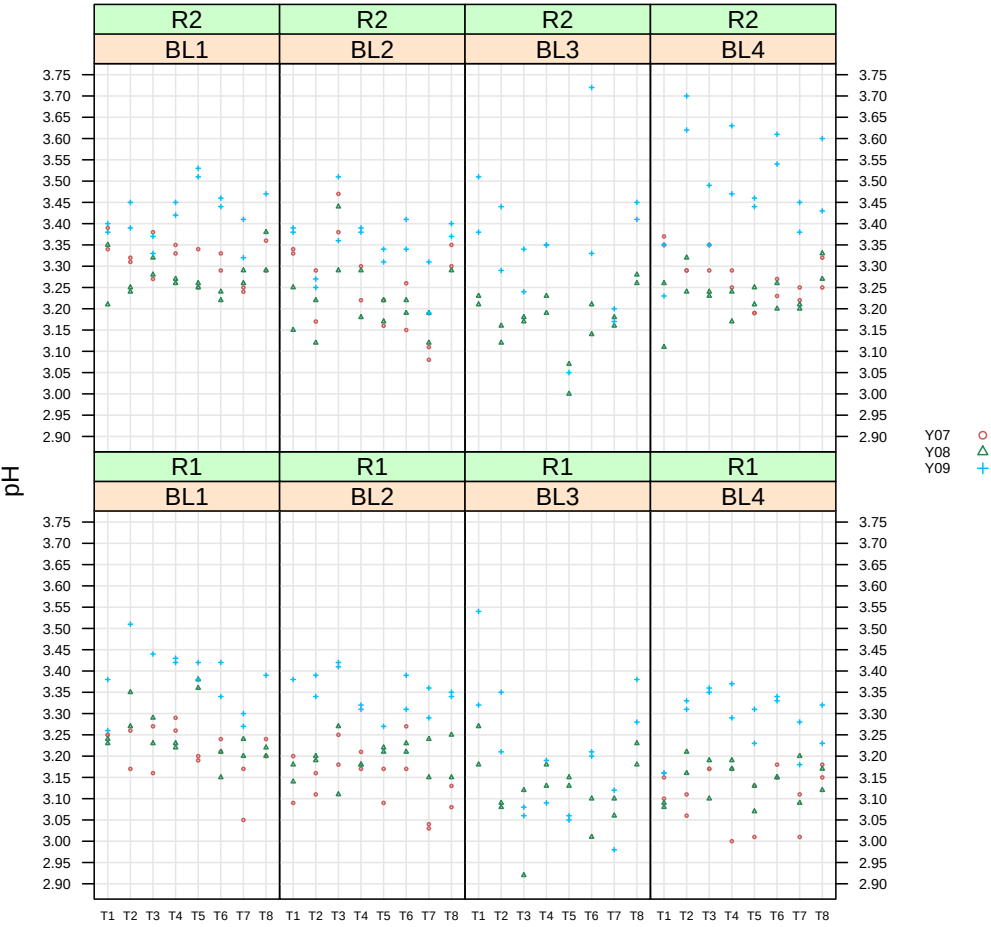


Figura 1.78: Dotplot per Tesi entro Blocco del pH

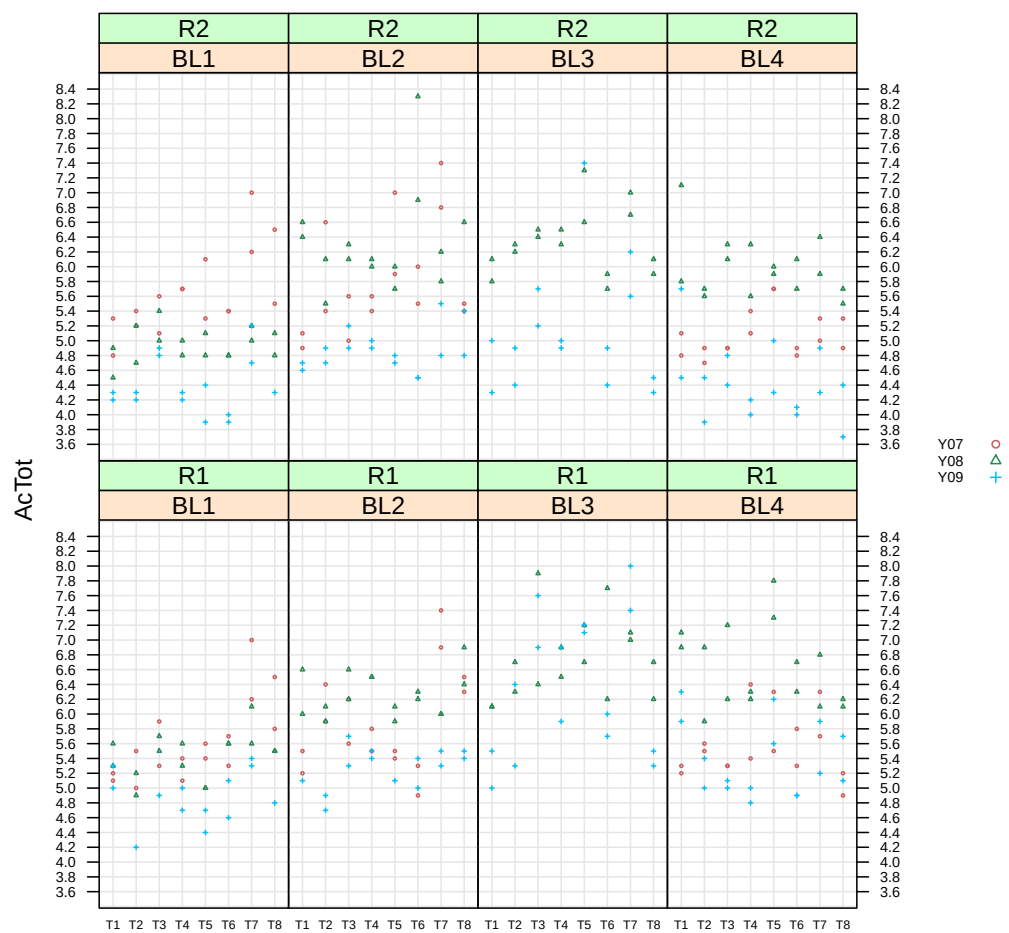


Figura 1.79: Dotplot per Tesi entro Blocco dell'Acidità totale

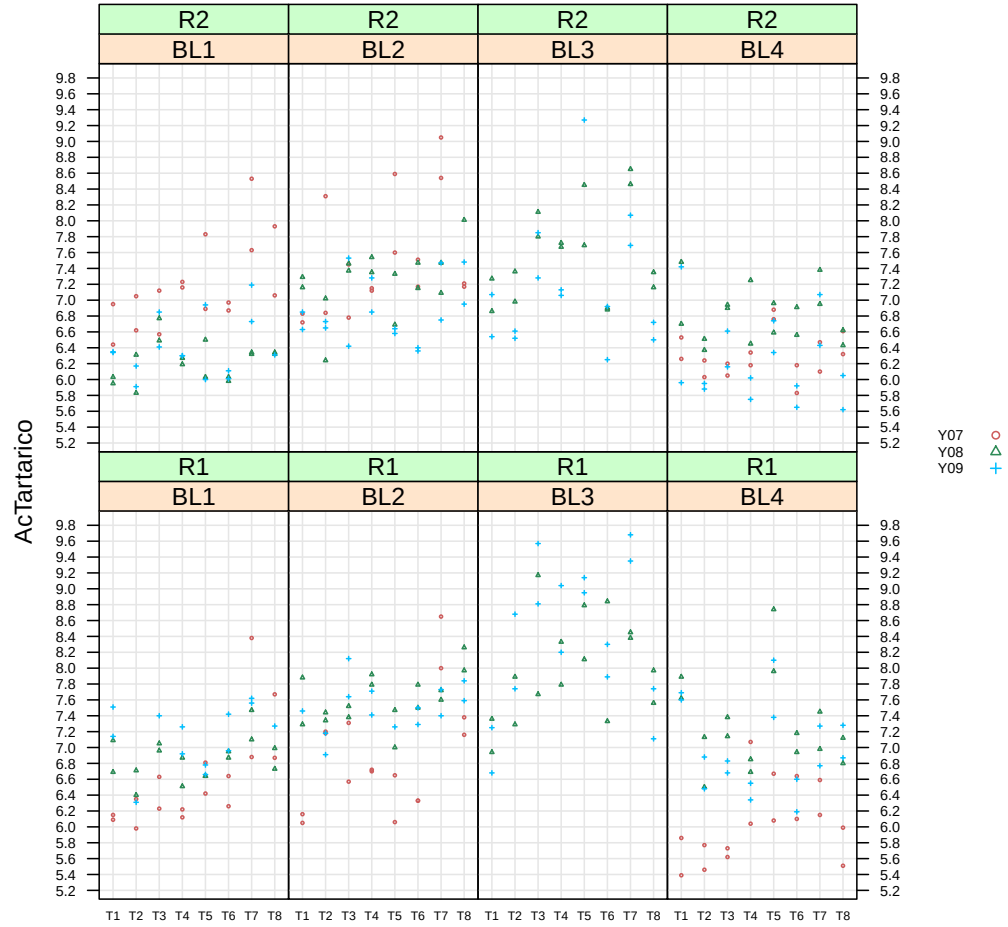


Figura 1.80: Dotplot per Tesi entro Blocco dell'Acido tartarico

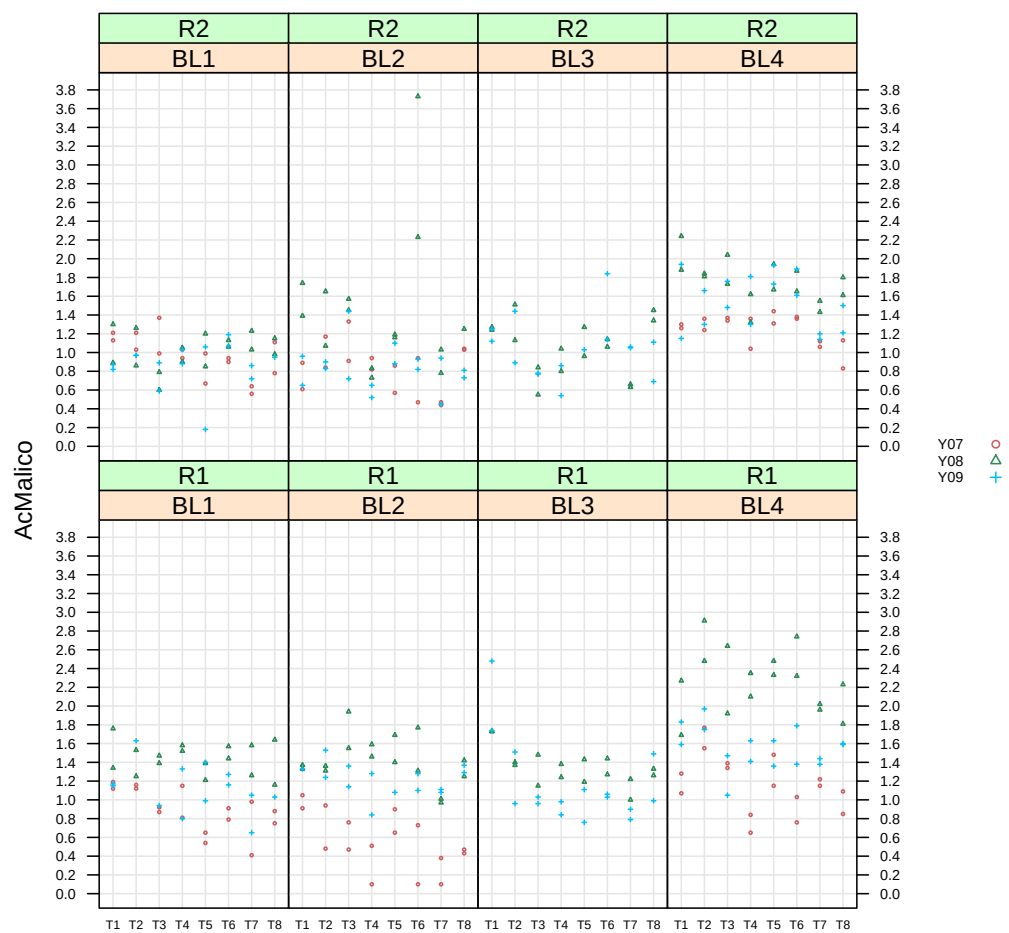


Figura 1.81: Dotplot per Tesi entro Blocco dell'Acido Malico

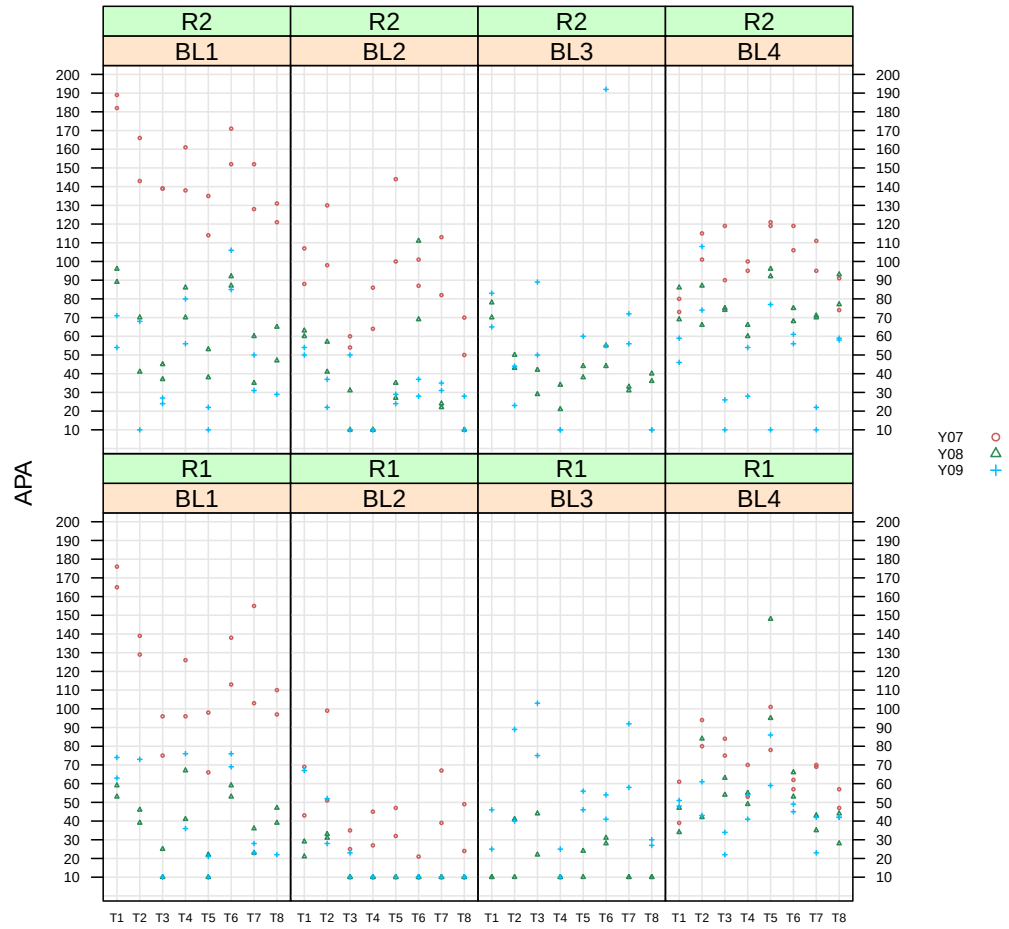


Figura 1.82: Dotplot per Tesi entro Blocco dell'Azoto prontamente assimilabile

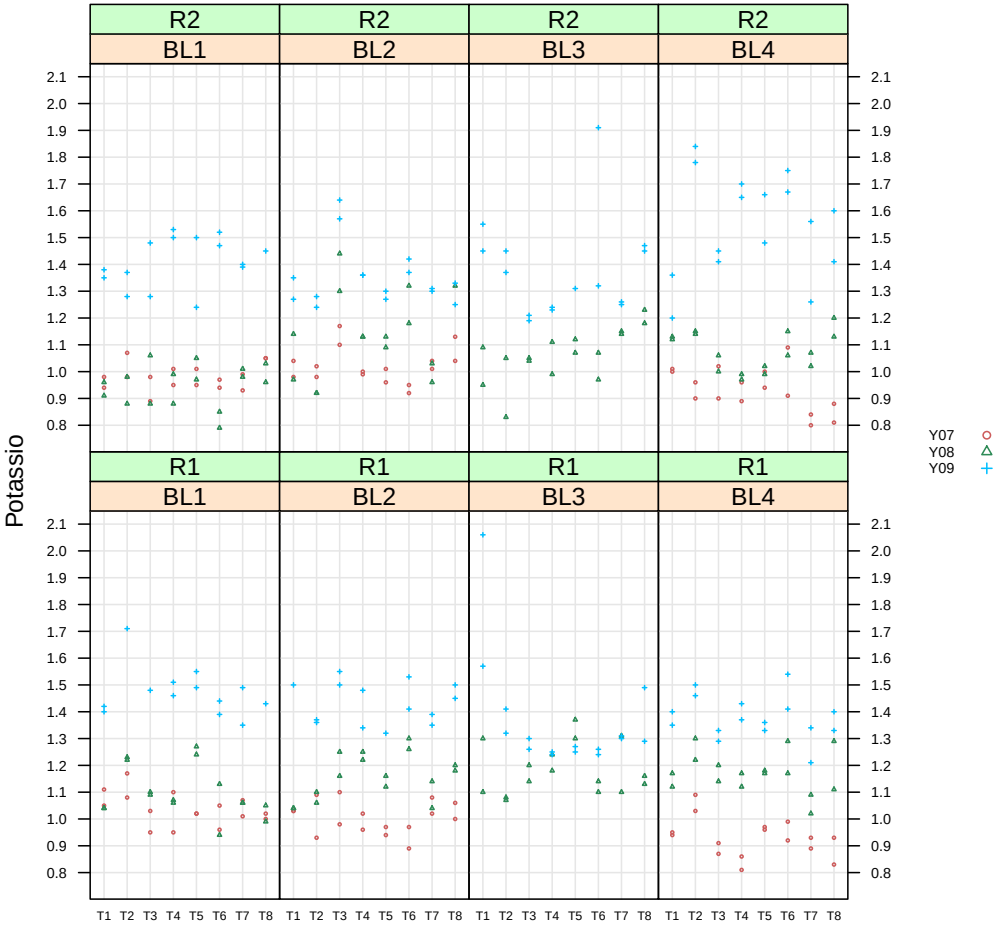


Figura 1.83: Dotplot per Tesi entro Blocco del Potassio

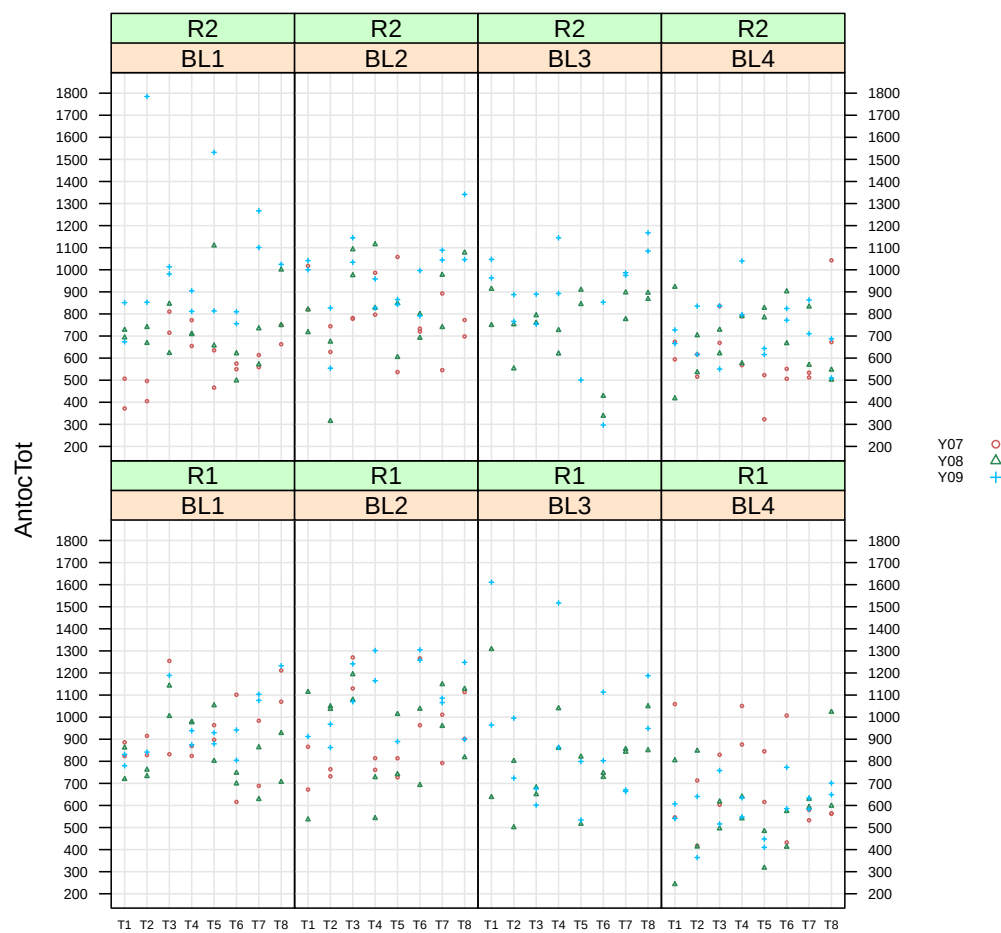


Figura 1.84: Dotplot per Tesi entro Blocco degli Antociani totali

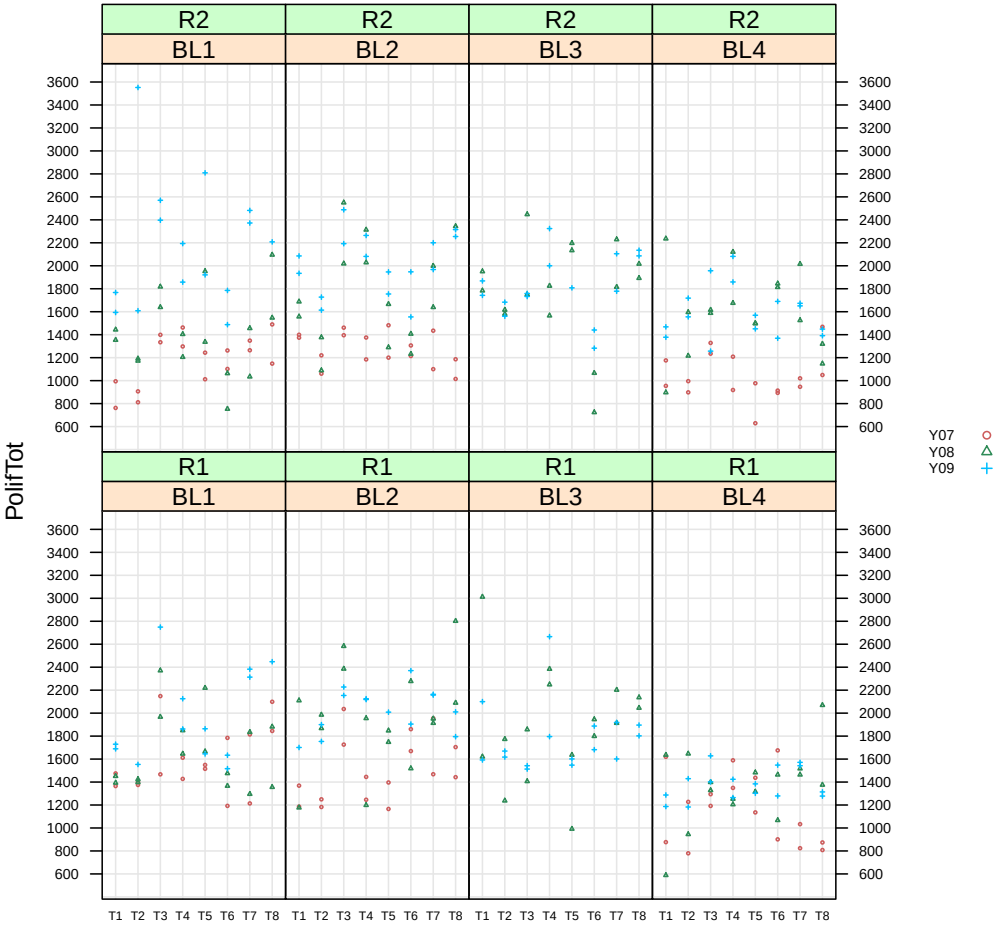


Figura 1.85: Dotplot per Tesi entro Blocco dei Polifenoli totali

Capitolo 2

Vigneto sperimentale di Cortigliano



Azienda: **Le Mortelle**
 Vigneto: **Cortigliano -Sangiovese-**
 Luogo: **Casiglione della Pescaia (GR)**

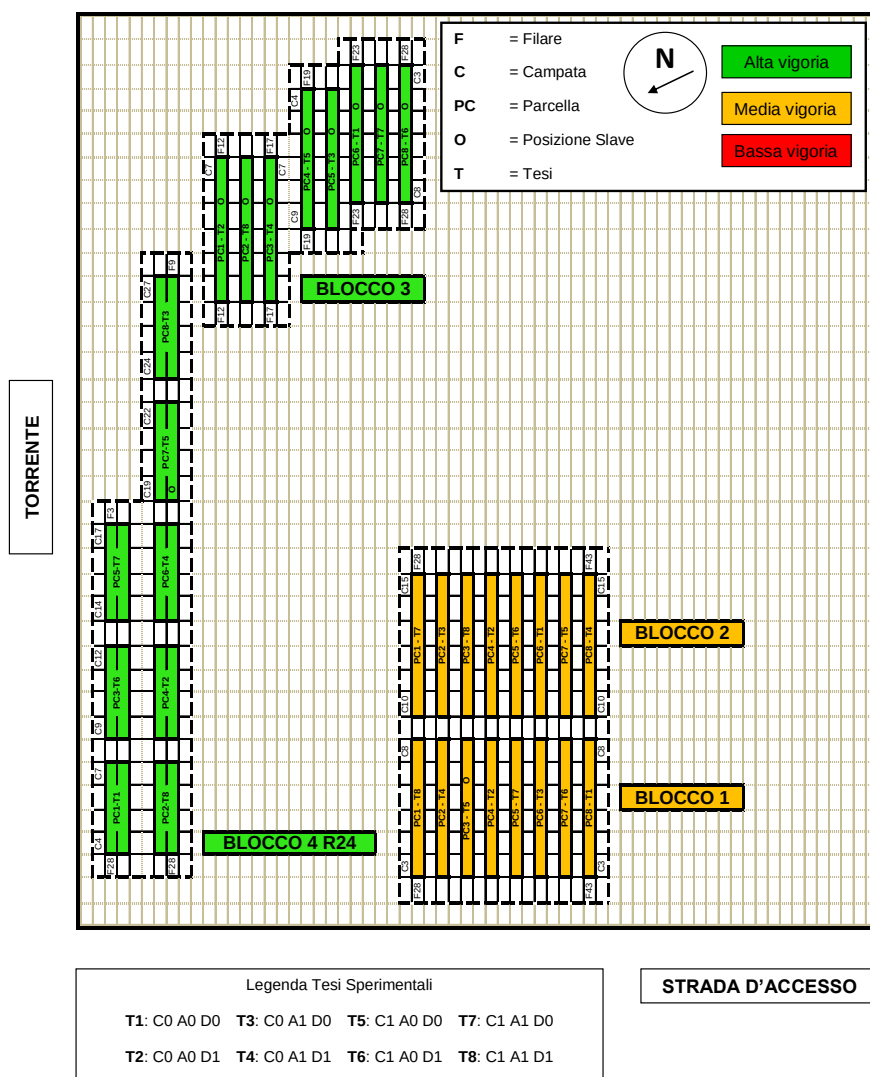


Figura 2.1: Schema di Cortigliano

2.1 Statistiche descrittive

2.1.1 Sommari per Blocco

Anno: Y07 - Blocco: BL1 - Raccolta: R1							Anno: Y07 - Blocco: BL1 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	716.70	1046.00	1275.00	1500.00	1881.00	2775.00	PesoUvaPia	625.00	816.70	1179.00	1241.00	1550.00	2100.00
PesoGrapM	91.98	148.60	158.30	179.60	194.00	397.90	PesoGrapM	46.67	90.85	157.20	201.80	250.20	550.00
PesoGermM	22.31	29.02	31.95	33.71	38.77	47.78	PesoGermM	23.77	31.16	38.70	38.53	44.62	55.00
PesoLegnoM	266.70	287.50	343.30	340.80	392.50	410.00	PesoLegnoM	270.00	337.50	373.30	375.40	402.50	530.00
IndFertil	0.63	0.85	1.09	1.06	1.34	1.43	IndFertil	0.63	0.91	0.98	0.99	1.12	1.27
IndRavaz	2.09	3.63	4.43	4.64	5.09	8.60	IndRavaz	1.22	2.67	3.23	3.65	4.54	7.82
SPADgiu	40.40	42.34	42.73	43.00	43.85	45.90	SPADgiu	38.25	40.68	42.02	41.63	42.79	44.77
NDVIgiu	0.77	0.83	0.85	0.84	0.85	0.89	NDVIgiu	0.80	0.83	0.84	0.84	0.85	0.88
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	36.40	38.45	40.20	40.09	41.97	43.55	SPADago	36.55	39.17	40.63	40.37	41.46	43.70
NDVIago	0.60	0.64	0.67	0.67	0.69	0.77	NDVIago	0.65	0.68	0.70	0.70	0.72	0.78
Brix	21.51	21.78	22.22	22.46	23.17	23.78	Brix	21.55	23.55	24.68	24.28	24.98	26.19
pH	3.20	3.34	3.37	3.36	3.41	3.44	pH	3.29	3.35	3.42	3.42	3.45	3.56
AcTot	4.40	5.28	5.55	5.71	5.83	8.10	AcTot	4.10	4.38	4.75	4.85	5.28	5.90
AcTartarico	5.16	5.71	6.42	6.70	7.15	9.70	AcTartarico	5.80	5.85	6.29	6.46	7.00	7.70
AcMalico	0.10	0.63	1.00	1.02	1.37	2.04	AcMalico	0.52	0.74	0.95	0.95	1.17	1.34
Potassio	1.00	1.11	1.21	1.22	1.30	1.49	Potassio	0.82	0.94	1.05	1.02	1.09	1.17
APA	120.00	172.80	202.50	207.80	244.20	298.00	APA	182.00	212.50	234.50	244.40	274.20	337.00
AntocTot	487.80	661.30	709.40	719.00	777.60	967.50	AntocTot	476.00	694.80	857.70	868.10	1024.00	1344.00
PolifTot	1302.00	1531.00	1697.00	1755.00	1850.00	2459.00	PolifTot	1139.00	1350.00	1552.00	1591.00	1777.00	2507.00
Anno: Y07 - Blocco: BL2 - Raccolta: R1							Anno: Y07 - Blocco: BL2 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1100.00	1404.00	1775.00	1995.00	2088.00	3650.00	PesoUvaPia	900.00	1008.00	1142.00	1321.00	1483.00	2350.00
PesoGrapM	141.80	190.20	225.00	237.10	274.10	411.20	PesoGrapM	100.70	146.40	166.90	177.70	222.00	253.30
PesoGermM	27.46	35.49	38.57	44.40	50.18	84.17	PesoGermM	24.64	31.78	38.26	41.36	47.94	69.31
PesoLegnoM	310.00	382.50	436.70	439.60	470.00	620.00	PesoLegnoM	320.00	358.30	403.30	407.10	430.00	590.00
IndFertil	0.57	0.89	1.06	1.03	1.23	1.41	IndFertil	0.60	0.83	0.92	0.96	1.06	1.31
IndRavaz	3.06	3.56	4.09	4.81	5.93	8.40	IndRavaz	1.71	2.36	3.21	3.40	3.78	7.18
SPADgiu	39.60	43.13	44.22	44.00	45.23	46.35	SPADgiu	41.45	44.26	44.89	45.06	46.45	48.40
NDVIgiu	0.81	0.83	0.85	0.85	0.86	0.88	NDVIgiu	0.84	0.85	0.86	0.86	0.87	0.89
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	35.60	39.54	40.40	40.24	41.94	43.80	SPADago	27.30	39.16	41.14	40.10	42.45	45.57
NDVIago	0.51	0.60	0.66	0.65	0.72	0.74	NDVIago	0.39	0.63	0.64	0.64	0.72	0.73
Brix	17.32	21.70	22.23	21.78	22.54	23.97	Brix	21.48	22.93	23.86	23.76	24.70	25.86
pH	3.34	3.37	3.42	3.42	3.47	3.49	pH	3.29	3.38	3.44	3.44	3.48	3.61
AcTot	4.50	4.70	4.95	4.97	5.22	5.60	AcTot	3.90	4.38	4.60	4.78	5.00	6.10
AcTartarico	4.47	5.22	5.50	5.58	6.09	6.80	AcTartarico	5.60	5.89	6.25	6.37	6.62	7.64
AcMalico	1.15	1.43	1.58	1.65	1.84	2.42	AcMalico	0.76	0.96	1.20	1.18	1.36	1.67
Potassio	1.13	1.25	1.31	1.33	1.40	1.53	Potassio	0.85	1.00	1.07	1.10	1.18	1.40
APA	102.00	150.20	168.50	175.10	196.50	261.00	APA	194.00	241.20	293.00	284.80	316.00	390.00
AntocTot	439.70	605.00	643.70	667.50	764.70	868.10	AntocTot	720.30	789.90	882.80	876.00	947.20	1118.00
PolifTot	959.70	1373.00	1518.00	1489.00	1621.00	1848.00	PolifTot	1100.00	1442.00	1544.00	1536.00	1659.00	2031.00

Anno: Y07 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	466.70	1563.00	2075.00	2201.00	2554.00	5075.00
PesoGrapM	87.04	225.10	255.30	240.10	270.80	299.40
PesoGermM	24.44	34.84	42.59	42.43	48.72	62.50
PesoLegnoM	200.00	285.00	366.70	382.30	442.50	630.00
IndFertil	0.73	1.08	1.14	1.21	1.38	1.68
IndRavaz	1.22	3.75	6.89	7.45	9.12	16.51
SPADgiu	37.73	40.26	40.78	41.12	42.40	44.17
NDVIgiu	0.82	0.87	0.88	0.88	0.89	0.91
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	39.10	41.29	42.67	42.33	43.40	45.45
NDVIago	0.71	0.74	0.76	0.76	0.77	0.78
Brix	18.33	20.06	21.62	21.18	22.46	23.06
pH	3.13	3.19	3.25	3.26	3.31	3.40
AcTot	4.60	4.97	5.05	5.13	5.33	5.70
AcTartarico	5.16	5.68	5.92	5.97	6.27	6.76
AcMalico	0.63	0.81	0.91	0.99	1.15	1.63
Potassio	0.95	0.98	1.05	1.06	1.11	1.24
APA	77.00	84.25	90.00	90.12	95.00	115.00
AntocTot	427.20	462.50	523.60	564.30	688.10	780.60
PolifTot	978.80	1269.00	1310.00	1320.00	1419.00	1569.00

Anno: Y07 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1125.00	2138.00	2975.00	3403.00	3369.00	14050.00
PesoGrapM	114.40	267.00	293.00	310.40	331.30	584.00
PesoGermM	16.67	29.34	38.19	38.79	45.63	63.82
PesoLegnoM	186.70	315.00	355.00	373.20	445.00	560.00
IndFertil	0.88	1.06	1.11	1.31	1.23	3.64
IndRavaz	2.02	5.78	7.08	8.11	11.09	16.67
SPADgiu	33.80	37.87	39.16	38.74	39.80	41.20
NDVIgiu	0.78	0.86	0.87	0.87	0.88	0.91
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	35.10	39.30	40.59	40.87	42.71	45.90
NDVIago	0.72	0.75	0.76	0.76	0.77	0.78
Brix	17.80	21.64	22.62	22.44	23.71	25.21
pH	3.16	3.32	3.37	3.36	3.41	3.54
AcTot	3.80	4.20	4.20	4.35	4.62	5.20
AcTartarico	5.50	5.87	5.91	6.05	6.29	6.95
AcMalico	0.32	0.49	0.62	0.59	0.67	0.87
Potassio	0.69	0.82	0.90	0.90	0.99	1.07
APA	112.00	124.00	130.50	131.40	138.20	153.00
AntocTot	431.80	534.70	636.90	631.90	695.60	871.60
PolifTot	1005.00	1281.00	1325.00	1406.00	1495.00	2007.00

Anno: Y08 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	640.00	1058.00	1443.00	1438.00	1657.00	2285.00
PesoGrapM	135.80	144.10	165.80	179.20	205.10	253.90
PesoGermM	20.45	31.49	37.63	37.49	41.66	51.81
PesoLegnoM	250.00	340.00	391.70	387.10	442.50	513.30
IndFertil	0.83	1.03	1.15	1.12	1.20	1.38
IndRavaz	1.41	2.98	4.00	3.99	5.11	6.24
SPADgiu	38.55	40.10	41.38	41.41	42.75	44.45
NDVIgiu	0.70	0.75	0.75	0.75	0.76	0.79
SPADlug	40.20	42.86	44.97	44.58	45.66	50.35
NDVIlug	0.57	0.65	0.69	0.67	0.70	0.73
SPADago	37.47	40.69	41.41	41.39	42.33	44.63
NDVIago	0.48	0.55	0.63	0.60	0.64	0.67
Brix	19.50	21.15	21.64	21.61	22.37	23.75
pH	3.16	3.22	3.25	3.26	3.32	3.36
AcTot	4.80	5.17	5.35	5.42	5.53	6.40
AcTartarico	6.78	7.34	7.45	7.52	7.57	8.49
AcMalico	1.25	1.37	1.44	1.48	1.55	2.07
Potassio	1.31	1.43	1.48	1.49	1.57	1.68
APA	60.00	101.80	114.00	129.60	155.20	252.00
AntocTot	286.20	668.90	702.50	708.90	787.50	1130.00
PolifTot	645.60	1276.00	1362.00	1417.00	1439.00	2711.00

Anno: Y08 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	733.30	1248.00	1460.00	1489.00	1598.00	2980.00
PesoGrapM	89.73	146.20	177.10	186.50	217.90	328.80
PesoGermM	26.27	34.67	41.45	42.80	48.87	65.89
PesoLegnoM	270.00	352.50	430.00	438.80	510.00	710.00
IndFertil	0.86	0.96	1.11	1.16	1.36	1.56
IndRavaz	2.23	2.75	3.70	3.54	4.07	5.27
SPADgiu	38.00	39.40	41.53	41.39	42.95	45.30
NDVIgiu	0.69	0.73	0.74	0.75	0.76	0.78
SPADlug	41.20	42.58	44.25	44.24	46.03	47.30
NDVIlug	0.52	0.61	0.65	0.65	0.70	0.77
SPADago	39.00	41.16	42.16	42.20	43.16	45.05
NDVIago	0.49	0.54	0.58	0.59	0.65	0.70
Brix	21.48	22.84	23.52	23.60	24.45	26.22
pH	3.33	3.37	3.45	3.44	3.48	3.55
AcTot	4.10	4.30	4.65	4.63	4.80	5.80
AcTartarico	5.72	6.00	6.46	6.40	6.66	7.68
AcMalico	0.86	1.10	1.24	1.29	1.48	1.79
Potassio	0.74	0.87	0.98	0.96	1.02	1.25
APA	57.00	94.50	105.50	117.20	147.80	204.00
AntocTot	608.40	709.30	735.20	845.20	1034.00	1235.00
PolifTot	1102.00	1241.00	1394.00	1480.00	1640.00	2540.00

Anno: Y08 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1150.00	1460.00	1960.00	2002.00	2374.00	3220.00
PesoGrapM	158.00	197.90	219.80	220.80	231.10	332.20
PesoGermM	34.84	38.20	42.46	45.59	50.29	68.06
PesoLegnoM	360.00	421.70	465.00	471.30	501.70	670.00
IndFertil	0.93	1.11	1.22	1.23	1.34	1.61
IndRavaz	2.49	3.04	4.37	4.55	5.80	7.93
SPADgiu	37.90	39.88	40.48	40.91	42.31	43.53
NDVIgiu	0.70	0.73	0.74	0.74	0.76	0.77
SPADlug	40.95	42.48	44.48	44.32	45.95	47.90
NDVIlug	0.60	0.66	0.66	0.67	0.70	0.73
SPADago	40.05	41.34	42.14	42.24	42.69	46.40
NDVIago	0.57	0.63	0.67	0.66	0.70	0.72
Brix	18.78	19.88	20.85	20.73	21.62	22.56
pH	3.15	3.24	3.27	3.27	3.30	3.40
AcTot	4.70	4.90	5.10	5.08	5.12	5.70
AcTartarico	6.38	6.72	6.89	6.93	7.16	7.43
AcMalico	1.17	1.66	1.75	1.72	1.87	2.09
Potassio	1.00	1.43	1.49	1.47	1.55	1.79
APA	78.00	96.75	118.00	125.10	146.00	208.00
AntocTot	522.40	587.10	734.60	697.50	777.10	873.00
PolifTot	1058.00	1230.00	1327.00	1334.00	1400.00	1691.00

Anno: Y08 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	790.00	1400.00	1590.00	1712.00	1980.00	3780.00
PesoGrapM	105.00	157.40	204.30	209.00	248.70	347.90
PesoGermM	25.83	34.16	41.68	45.72	54.25	70.50
PesoLegnoM	330.00	416.70	480.00	468.80	507.50	640.00
IndFertil	0.70	0.95	1.07	1.09	1.24	1.33
IndRavaz	1.70	2.85	3.15	3.80	4.69	7.17
SPADgiu	39.77	42.31	43.63	43.23	44.00	46.23
NDVIgiu	0.72	0.75	0.76	0.76	0.78	0.80
SPADlug	42.65	43.19	43.97	44.62	45.83	48.40
NDVIlug	0.67	0.70	0.72	0.72	0.73	0.77
SPADago	37.00	40.84	41.67	42.30	44.16	48.27
NDVIago	0.37	0.58	0.62	0.60	0.67	0.72
Brix	21.01	21.88	22.91	22.91	23.84	25.42
pH	3.44	3.54	3.58	3.60	3.66	3.83
AcTot	3.50	3.88	4.00	4.02	4.20	4.60
AcTartarico	5.71	5.92	5.99	6.04	6.14	6.67
AcMalico	1.35	1.65	1.88	1.85	2.05	2.35
Potassio	0.92	1.18	1.24	1.31	1.38	1.86
APA	62.00	81.25	118.50	127.80	160.20	263.00
AntocTot	256.50	625.80	671.20	693.90	817.40	1105.00
PolifTot	412.50	1182.00	1297.00	1362.00	1632.00	2370.00

Anno: Y08 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	970.00	1324.00	1913.00	2047.00	2273.00	4720.00
PesoGrapM	138.60	222.50	253.80	277.20	334.80	455.00
PesoGermM	21.05	30.48	38.44	39.16	47.11	61.01
PesoLegnoM	233.30	298.30	373.30	397.70	495.00	673.30
IndFertil	0.63	0.82	1.04	1.03	1.22	1.61
IndRavaz	2.44	3.80	5.08	5.74	7.07	12.53
SPADgiu	34.40	38.42	39.94	39.44	41.19	42.20
NDVIgiu	0.64	0.70	0.77	0.76	0.80	0.84
SPADlug	41.40	43.46	44.62	44.25	45.26	46.50
NDVilug	0.60	0.62	0.67	0.67	0.70	0.76
SPADago	37.97	40.93	42.31	42.12	43.41	45.23
NDVIago	0.65	0.67	0.70	0.71	0.74	0.79
Brix	18.95	20.65	21.56	21.31	22.25	22.61
pH	3.25	3.30	3.35	3.35	3.39	3.47
AcTot	4.60	4.70	4.80	4.83	4.92	5.30
AcTartarico	5.79	6.49	6.58	6.58	6.81	6.92
AcMalico	0.62	0.94	1.10	1.10	1.24	1.43
Potassio	0.89	0.97	0.99	1.04	1.14	1.28
APA	41.00	53.75	69.00	64.81	72.00	99.00
AntocTot	386.70	579.20	692.00	668.90	770.80	940.20
PolifTot	1088.00	1220.00	1423.00	1459.00	1687.00	1891.00

Anno: Y08 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	573.30	1336.00	1748.00	2213.00	2652.00	5970.00
PesoGrapM	68.59	197.80	274.70	258.60	309.00	463.30
PesoGermM	23.10	30.44	43.68	49.71	60.73	134.10
PesoLegnoM	260.00	335.00	420.00	467.90	597.50	770.00
IndFertil	0.41	0.85	0.95	1.25	1.32	4.75
IndRavaz	1.12	2.74	4.92	5.10	6.68	10.15
SPADgiu	30.97	34.91	36.31	36.63	38.65	41.40
NDVIgiu	0.63	0.68	0.72	0.72	0.75	0.80
SPADlug	37.80	40.45	42.13	41.97	43.33	45.90
NDVilug	0.52	0.62	0.66	0.64	0.68	0.71
SPADago	37.55	39.40	40.06	40.13	41.15	42.70
NDVIago	0.59	0.67	0.70	0.70	0.73	0.77
Brix	19.79	23.32	24.09	23.70	24.53	25.75
pH	3.39	3.51	3.54	3.55	3.58	3.69
AcTot	3.60	3.85	3.95	3.96	4.10	4.60
AcTartarico	5.66	5.95	6.03	6.03	6.16	6.26
AcMalico	1.04	1.24	1.44	1.45	1.66	1.98
Potassio	0.90	1.06	1.12	1.14	1.17	1.48
APA	10.00	38.00	56.50	53.81	65.25	99.00
AntocTot	224.40	359.50	401.10	447.40	541.80	816.60
PolifTot	671.00	905.50	1103.00	1095.00	1183.00	1709.00

Anno: Y08 - Blocco: BL4 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	645.00	1333.00	1913.00	1805.00	2161.00	3040.00
PesoGrapM	102.50	199.10	288.30	294.20	355.90	449.10
PesoGermM	22.86	37.55	45.67	47.40	55.93	70.48
PesoLegnoM	286.70	432.50	543.30	523.10	610.00	706.70
IndFertil	0.41	0.69	0.77	0.78	0.92	1.09
IndRavaz	1.22	2.77	3.37	3.83	4.88	8.79
SPADgiu	35.80	39.85	41.01	40.87	42.50	43.45
NDVIgiu	0.66	0.75	0.77	0.76	0.78	0.80
SPADlug	41.50	44.22	44.74	45.26	46.59	49.30
NDVilug	0.60	0.69	0.70	0.70	0.72	0.74
SPADago	38.37	42.65	43.78	43.56	44.66	46.20
NDVIago	0.63	0.68	0.69	0.70	0.72	0.76
Brix	19.18	19.95	20.37	20.30	20.60	21.03
pH	3.21	3.33	3.38	3.37	3.42	3.51
AcTot	4.60	5.00	5.10	5.07	5.15	5.50
AcTartarico	6.31	6.66	6.89	6.85	7.00	7.52
AcMalico	1.03	1.12	1.23	1.29	1.51	1.62
Potassio	0.99	1.10	1.24	1.22	1.34	1.40
APA	45.00	54.00	66.00	63.40	71.50	84.00
AntocTot	511.80	623.30	679.00	719.00	821.30	943.60
PolifTot	835.20	1093.00	1364.00	1341.00	1587.00	1711.00

Anno: Y08 - Blocco: BL4 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1087.00	1913.00	2607.00	2623.00	3458.00	4260.00
PesoGrapM	190.00	265.60	339.80	347.20	403.60	569.00
PesoGermM	30.00	38.88	46.97	48.99	59.10	80.00
PesoLegnoM	373.30	445.80	520.00	548.20	601.20	1040.00
IndFertil	0.56	0.80	0.90	0.95	1.05	1.50
IndRavaz	2.20	3.47	4.96	5.38	7.02	11.25
SPADgiu	37.07	38.55	39.35	39.77	40.56	45.60
NDVIgiu	0.65	0.71	0.73	0.72	0.74	0.77
SPADlug	39.30	43.53	44.10	43.79	44.82	47.10
NDVilug	0.60	0.65	0.70	0.70	0.74	0.79
SPADago	40.20	41.43	42.42	42.38	42.78	47.20
NDVIago	0.66	0.68	0.72	0.71	0.73	0.77
Brix	19.48	21.07	21.43	21.46	22.19	22.90
pH	3.38	3.46	3.50	3.50	3.54	3.63
AcTot	3.80	4.00	4.20	4.29	4.53	5.10
AcTartarico	5.79	5.95	6.13	6.13	6.24	6.65
AcMalico	1.25	1.59	1.80	1.77	2.00	2.14
Potassio	1.18	1.24	1.29	1.30	1.34	1.52
APA	46.00	61.00	69.00	69.56	79.50	91.00
AntocTot	143.40	363.80	565.20	535.00	625.90	1084.00
PolifTot	623.70	926.40	1255.00	1317.00	1533.00	2422.00

Anno: Y09 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1526.00	1988.00	2084.00	1998.00	2106.00	2222.00
PesoGrapM	228.10	233.00	264.00	257.90	273.70	289.40
PesoGermM	42.50	53.46	69.32	65.02	74.26	81.05
PesoLegnoM	506.00	621.00	670.00	666.00	715.50	804.00
IndFertil	0.48	0.61	0.76	0.81	0.88	1.64
IndRavaz	2.60	2.75	2.98	3.16	3.40	4.20
SPADgiu	40.38	40.96	41.62	41.70	42.67	42.75
NDVIgiu	0.52	0.61	0.64	0.62	0.65	0.68
SPADlug	40.19	43.56	45.03	44.36	45.91	46.75
NDVilug	0.64	0.66	0.69	0.69	0.72	0.74
SPADago	40.51	42.55	43.41	42.96	43.95	44.28
NDVIago	0.64	0.65	0.68	0.67	0.69	0.70
Brix	18.53	20.36	20.80	20.81	21.32	23.30
pH	3.36	3.44	3.50	3.50	3.58	3.63
AcTot	4.40	4.50	4.60	4.67	4.80	5.30
AcTartarico	6.32	6.46	6.54	6.62	6.67	7.29
AcMalico	1.43	1.75	1.85	1.86	1.94	2.25
Potassio	1.22	1.45	1.53	1.53	1.59	1.72
APA	77.00	115.80	125.50	128.90	138.00	216.00
AntocTot	222.40	368.20	390.90	398.70	446.50	520.70
PolifTot	1008.00	1101.00	1161.00	1177.00	1232.00	1562.00

Anno: Y09 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1480.00	1792.00	1920.00	2224.00	2760.00	3390.00
PesoGrapM	188.30	231.70	263.20	267.40	304.40	340.60
PesoGermM	37.84	49.22	65.99	61.84	74.22	80.37
PesoLegnoM	453.30	587.50	631.70	650.40	703.30	860.00
IndFertil	-	-	-	-	-	-
IndRavaz	2.15	2.52	3.15	3.58	4.16	6.48
SPADgiu	39.23	40.79	41.88	42.00	43.00	45.00
NDVIgiu	0.50	0.59	0.65	0.63	0.66	0.71
SPADlug	40.33	42.52	45.09	44.57	45.95	48.33
NDVilug	0.60	0.65	0.68	0.69	0.72	0.81
SPADago	38.40	41.18	42.95	42.43	43.80	44.63
NDVIago	0.61	0.65	0.67	0.68	0.70	0.81
Brix	20.13	21.12	21.87	21.92	22.23	24.73
pH	3.34	3.38	3.39	3.40	3.40	3.52
AcTot	4.20	4.60	4.90	4.86	5.10	5.50
AcTartarico	6.33	6.46	6.58	6.63	6.79	7.00
AcMalico	0.94	1.03	1.14	1.15	1.25	1.35
Potassio	0.77	0.90	0.95	0.95	1.02	1.11
APA	10.00	64.25	71.50	68.44	75.25	112.00
AntocTot	90.00	250.90	320.60	305.20	384.30	448.10
PolifTot	844.50	1112.00	1209.00	1218.00	1372.00	1487.00

Anno: Y09 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1338.00	1800.00	2061.00	2067.00	2184.00	3116.00
PesoGrapM	233.80	272.70	284.40	289.20	310.30	341.90
PesoGermM	45.48	49.88	63.22	63.22	78.08	80.19
PesoLegnoM	514.00	578.50	609.00	627.80	670.50	786.00
IndFertil	0.24	0.56	0.67	0.68	0.78	1.09
IndRavaz	2.36	2.85	3.40	3.72	3.91	6.93
SPADgiu	41.27	41.70	42.14	42.57	43.47	44.39
NDVIgiu	0.54	0.55	0.60	0.61	0.65	0.69
SPADlug	43.16	44.08	44.86	44.53	45.00	45.26
NDVilug	0.60	0.67	0.69	0.69	0.72	0.75
SPADago	41.40	42.44	43.15	43.24	44.08	45.60
NDVIago	0.65	0.68	0.69	0.69	0.70	0.71
Brix	19.67	20.97	21.45	21.56	22.09	23.73
pH	3.46	3.54	3.59	3.59	3.63	3.67
AcTot	4.20	4.28	4.40	4.40	4.50	4.80
AcTartarico	6.18	6.30	6.44	6.42	6.52	6.76
AcMalico	1.46	1.63	1.86	1.87	2.05	2.34
Potassio	1.47	1.61	1.68	1.67	1.71	1.86
APA	94.00	107.50	124.00	127.50	143.00	169.00
AntocTot	265.60	429.30	473.70	483.50	522.70	693.20
PolifTot	1179.00	1274.00	1337.00	1323.00	1366.00	1435.00

Anno: Y09 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	540.00	1153.00	1835.00	1947.00	2560.00	3650.00
PesoGrapM	145.70	210.80	269.00	270.80	319.20	460.60
PesoGermM	36.00	52.89	68.14	65.43	78.84	93.67
PesoLegnoM	366.70	570.00	643.30	651.20	697.50	920.00
IndFertil	-	-	-	-	-	-
IndRavaz	1.00	2.08	2.64	3.35	4.22	9.25
SPADgiu	39.57	42.19	43.12	43.01	44.21	45.33
NDVIgiu	0.49	0.57	0.63	0.61	0.65	0.73
SPADlug	41.70	43.77	45.01	45.09	46.20	48.40
NDVilug	0.59	0.62	0.66	0.66	0.69	0.75
SPADago	40.35	42.21	43.45	43.74	45.45	47.45
NDVIago	0.58	0.62	0.65	0.65	0.68	0.70
Brix	19.68	20.37	21.63	21.66	22.78	23.80
pH	3.38	3.43	3.45	3.48	3.52	3.66
AcTot	4.20	4.30	4.40	4.46	4.50	5.00
AcTartarico	5.86	6.20	6.32	6.33	6.39	6.75
AcMalico	1.25	1.39	1.57	1.57	1.73	1.92
Potassio	1.17	1.18	1.24	1.25	1.27	1.39
APA	95.00	112.00	127.00	121.80	133.80	147.00
AntocTot	321.10	375.70	459.70	445.70	501.60	570.40
PolifTot	1033.00	1252.00	1299.00	1306.00	1372.00	1565.00

Anno: Y09 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1992.00	2076.00	2453.00	2416.00	2742.00	2795.00
PesoGrapM	231.90	288.40	291.20	289.70	297.30	327.20
PesoGermM	45.38	53.62	60.12	61.72	68.51	87.73
PesoLegnoM	538.00	600.00	634.00	699.40	735.70	1116.00
IndFertil	0.19	0.39	0.65	0.64	0.82	1.14
IndRavaz	3.66	3.79	4.01	4.18	4.32	5.50
SPADgiu	37.20	39.44	39.86	40.04	40.90	42.16
NDVIgiu	0.68	0.69	0.69	0.70	0.71	0.71
SPADlug	41.24	43.11	44.11	43.78	44.75	45.71
NDVilug	0.68	0.70	0.71	0.71	0.72	0.75
SPADago	39.93	40.94	42.20	42.77	44.61	46.71
NDVIago	0.67	0.70	0.71	0.71	0.72	0.74
Brix	18.39	19.73	20.16	20.21	20.68	22.19
pH	3.31	3.35	3.36	3.37	3.39	3.50
AcTot	4.40	4.80	4.85	4.92	5.00	5.80
AcTartarico	6.58	6.81	6.89	6.89	7.01	7.19
AcMalico	1.45	1.57	1.75	1.75	1.80	2.44
Potassio	1.14	1.24	1.30	1.33	1.43	1.64
APA	69.00	80.75	94.50	93.44	105.20	116.00
AntocTot	203.40	336.40	362.50	359.70	390.40	474.00
PolifTot	886.00	1098.00	1145.00	1157.00	1206.00	1467.00

Anno: Y09 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	580.00	1485.00	1960.00	2024.00	2578.00	3370.00
PesoGrapM	175.00	238.10	269.90	290.60	341.30	435.00
PesoGermM	28.14	47.26	54.24	63.51	78.65	154.40
PesoLegnoM	410.00	515.00	613.30	722.40	754.20	1853.00
IndFertil	-	-	-	-	-	-
IndRavaz	0.62	2.02	3.70	3.88	4.83	8.75
SPADgiu	36.20	39.12	40.24	40.01	41.10	42.40
NDVIgiu	0.71	0.72	0.73	0.74	0.75	0.78
SPADlug	39.05	41.69	43.64	43.29	45.48	46.50
NDVilug	0.65	0.70	0.72	0.72	0.73	0.75
SPADago	38.10	40.35	42.08	42.46	45.40	46.30
NDVIago	0.68	0.71	0.72	0.72	0.73	0.78
Brix	20.50	21.45	22.53	22.23	22.77	24.22
pH	3.44	3.49	3.52	3.55	3.61	3.72
AcTot	4.00	4.30	4.35	4.36	4.50	4.70
AcTartarico	5.61	5.81	6.14	6.10	6.31	6.73
AcMalico	1.15	1.58	1.80	1.73	1.84	2.28
Potassio	1.18	1.40	1.50	1.50	1.57	1.91
APA	58.00	92.25	111.50	114.10	126.20	192.00
AntocTot	296.60	370.20	403.10	428.90	512.10	599.20
PolifTot	1093.00	1233.00	1298.00	1322.00	1388.00	1651.00

Anno: Y09 - Blocco: BL4 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1730.00	2621.00	2996.00	3218.00	3900.00	4874.00
PesoGrapM	326.00	376.70	388.60	391.00	411.10	453.00
PesoGermM	43.26	52.89	57.97	58.45	67.15	69.50
PesoLegnoM	540.00	594.00	641.00	650.00	701.50	792.00
IndFertil	0.32	0.62	0.78	0.77	0.93	1.21
IndRavaz	2.80	3.96	5.30	5.40	6.68	8.67
SPADgiu	37.97	40.76	41.28	41.06	41.59	43.61
NDVIgiu	0.67	0.71	0.72	0.71	0.73	0.75
SPADlug	43.46	44.68	45.52	45.22	45.86	46.23
NDVilug	0.68	0.70	0.70	0.70	0.71	0.72
SPADago	44.55	45.34	45.63	45.99	46.40	48.28
NDVIago	0.68	0.70	0.72	0.72	0.73	0.75
Brix	19.50	19.70	20.04	20.13	20.55	20.93
pH	3.29	3.34	3.38	3.37	3.40	3.46
AcTot	4.70	4.78	4.90	4.94	5.12	5.40
AcTartarico	6.55	6.82	6.92	6.91	7.04	7.28
AcMalico	1.32	1.76	1.83	1.84	1.98	2.22
Potassio	1.37	1.47	1.50	1.52	1.58	1.77
APA	61.00	72.75	90.50	86.44	95.50	121.00
AntocTot	315.80	350.20	381.20	404.40	463.20	511.20
PolifTot	897.10	1012.00	1121.00	1104.00	1173.00	1245.00

Anno: Y09 - Blocco: BL4 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1160.00	2564.00	3403.00	3432.00	3978.00	6060.00
PesoGrapM	233.20	365.50	385.30	401.70	448.90	550.90
PesoGermM	34.11	50.35	54.67	58.58	63.44	87.41
PesoLegnoM	460.00	547.50	616.70	647.80	738.30	1030.00
IndFertil	-	-	-	-	-	-
IndRavaz	1.95	3.48	5.14	5.79	7.86	11.50
SPADgiu	35.00	39.44	40.29	40.37	40.96	43.50
NDVIgiu	0.71	0.74	0.75	0.75	0.76	0.79
SPADlug	41.05	43.99	44.83	44.69	45.44	46.80
NDVilug	0.70	0.72	0.73	0.73	0.74	0.78
SPADago	43.03	44.05	45.22	45.24	45.95	48.45
NDVIago	0.71	0.72	0.74	0.74	0.76	0.78
Brix	19.70	20.42	20.59	20.85	21.26	22.06
pH	3.33	3.41	3.44	3.44	3.48	3.54
AcTot	4.20	4.47	4.70	4.67	4.83	5.10
AcTartarico	6.24	6.36	6.53	6.49	6.57	6.82
AcMalico	1.09	1.31	1.49	1.45	1.56	1.77
Potassio	1.07	1.19	1.28	1.27	1.33	1.40
APA	61.00	70.75	80.50	78.88	84.00	105.00
AntocTot	187.60	267.90	344.50	338.70	378.80	577.10
PolifTot	588.10	1054.00	1233.00	1216.00	1357.00	1678.00

2.1.2 Sommari per Tesi entro Blocco

Anno: Y07

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1904.17	312.57	35.99	310.00	0.74	6.22	41.83	-	40.77
BL1	T2	R1	1008.33	150.52	42.61	373.34	1.25	2.77	42.66	-	41.38
BL1	T3	R1	1483.33	127.24	24.44	308.34	1.05	4.73	41.07	-	40.27
BL1	T4	R1	733.33	144.86	37.42	331.67	0.74	2.53	43.63	-	41.89
BL1	T5	R1	2275.00	182.39	37.78	373.34	1.28	6.34	44.85	-	41.51
BL1	T6	R1	1620.83	170.54	28.27	338.34	1.26	4.69	43.57	-	39.65
BL1	T7	R1	1612.50	154.64	28.11	310.00	1.07	5.57	42.23	-	37.48
BL1	T8	R1	1362.50	194.42	35.05	381.67	1.09	4.25	44.15	-	37.81
BL2	T1	R1	2258.33	342.25	50.90	446.67	0.81	4.81	45.83	-	40.96
BL2	T2	R1	1583.33	241.46	70.00	508.34	1.08	3.33	43.19	-	41.03
BL2	T3	R1	2375.00	240.77	54.05	530.00	0.99	5.47	42.61	-	41.43
BL2	T4	R1	1870.83	228.26	42.87	501.67	1.16	4.00	44.51	-	39.89
BL2	T5	R1	2800.00	224.97	36.27	436.67	1.12	6.57	43.64	-	39.87
BL2	T6	R1	1412.50	236.39	35.81	328.34	1.11	4.57	45.34	-	42.20
BL2	T7	R1	2084.17	212.51	30.23	353.34	0.87	5.97	44.97	-	36.33
BL2	T8	R1	1575.00	169.81	35.05	411.67	1.08	3.77	41.95	-	40.20
BL3	T1	R1	1925.00	248.88	49.59	350.00	1.05	5.59	43.23	-	41.99
BL3	T2	R1	1445.83	208.55	43.30	391.67	1.12	3.96	40.18	-	41.95
BL3	T3	R1	1537.50	241.67	41.62	293.34	1.12	6.81	39.65	-	44.08
BL3	T4	R1	1008.33	188.94	53.14	475.00	0.73	2.48	40.86	-	41.02
BL3	T5	R1	3237.50	263.83	26.18	220.00	1.50	15.80	39.37	-	41.55
BL3	T6	R1	2325.00	241.76	39.36	366.67	1.52	7.14	41.06	-	43.59
BL3	T7	R1	4045.83	270.81	42.90	458.34	1.41	11.15	42.32	-	41.20
BL3	T8	R1	2083.33	256.74	43.34	503.34	1.20	6.66	42.28	-	43.29
BL1	T1	R2	841.67	123.45	46.10	336.67	1.08	2.64	42.31	-	40.92
BL1	T2	R2	1862.50	527.43	53.65	438.34	0.78	4.59	42.93	-	42.28
BL1	T3	R2	758.33	89.99	30.75	340.00	1.00	2.71	41.51	-	41.86
BL1	T4	R2	1454.17	229.38	40.97	345.00	0.91	5.26	40.90	-	41.13
BL1	T5	R2	1170.83	106.25	26.81	308.34	1.02	3.94	40.40	-	38.68
BL1	T6	R2	1712.50	257.54	39.13	393.34	0.99	4.62	40.17	-	39.80
BL1	T7	R2	670.83	56.00	37.86	438.34	1.13	1.72	43.28	-	41.15
BL1	T8	R2	1458.33	224.45	32.94	403.34	1.01	3.68	41.52	-	37.14
BL2	T1	R2	1333.33	247.50	41.39	388.34	0.81	3.41	47.06	-	42.46
BL2	T2	R2	1079.17	223.12	42.29	390.00	0.84	2.74	43.28	-	38.58
BL2	T3	R2	983.33	132.90	56.70	438.34	1.03	2.05	45.72	-	43.86
BL2	T4	R2	1016.67	158.44	62.90	538.34	0.89	1.79	47.45	-	41.73
BL2	T5	R2	1441.67	144.87	32.04	385.00	1.08	3.78	44.29	-	33.23
BL2	T6	R2	1341.67	158.80	30.99	356.67	1.06	3.86	44.20	-	42.07
BL2	T7	R2	2325.00	193.05	33.88	423.34	1.11	6.49	43.11	-	37.37
BL2	T8	R2	1050.00	163.16	30.68	336.67	0.82	3.11	45.36	-	41.53
BL3	T1	R2	2600.00	316.30	53.34	443.34	1.12	5.78	40.65	-	45.28
BL3	T2	R2	2212.50	349.21	51.88	440.00	1.25	6.63	39.43	-	40.68
BL3	T3	R2	2808.33	374.23	40.40	358.34	0.95	9.41	38.55	-	41.19
BL3	T4	R2	1337.50	226.08	41.87	370.00	1.16	3.60	39.00	-	42.92
BL3	T5	R2	8818.75	314.41	32.93	322.50	2.47	10.30	36.96	-	37.81
BL3	T6	R2	2183.33	278.53	27.15	323.34	1.10	7.24	40.08	-	40.79
BL3	T7	R2	4000.00	289.82	30.61	323.34	1.36	14.33	39.63	-	37.73
BL3	T8	R2	3262.50	334.80	32.12	405.00	1.12	8.69	35.63	-	40.58

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.8764	-	0.6833	21.93	3.43	4.60	5.39	1.21	1.35	191.5	848.71	1496.83
BL1	T2	R1	0.8209	-	0.7250	22.19	3.39	5.75	6.62	1.40	1.31	289.5	793.43	2009.22
BL1	T3	R1	0.8511	-	0.7493	22.85	3.37	6.25	7.54	0.59	1.13	235.5	629.45	1964.69
BL1	T4	R1	0.8472	-	0.6011	22.90	3.40	5.35	5.62	1.73	1.29	141.0	780.31	1616.82
BL1	T5	R1	0.8373	-	0.6446	22.63	3.35	5.60	6.52	1.08	1.25	209.0	613.29	1547.80
BL1	T6	R1	0.8448	-	0.6569	21.60	3.35	5.25	6.44	0.77	1.17	177.5	656.84	1679.27
BL1	T7	R1	0.8481	-	0.6552	22.29	3.26	7.40	9.05	0.19	1.04	220.5	623.29	2155.39
BL1	T8	R1	0.8010	-	0.6554	23.28	3.37	5.50	6.45	1.22	1.21	198.0	806.33	1566.06
BL2	T1	R1	0.8660	-	0.5220	19.65	3.42	4.50	5.15	2.02	1.49	183.0	525.14	1114.83
BL2	T2	R1	0.8617	-	0.6939	23.16	3.45	4.95	5.39	1.61	1.30	164.0	735.76	1461.90
BL2	T3	R1	0.8448	-	0.6886	22.56	3.41	5.05	5.04	2.08	1.38	129.5	696.43	1601.58
BL2	T4	R1	0.8385	-	0.7252	21.74	3.40	5.35	6.28	1.29	1.28	181.5	690.12	1502.70
BL2	T5	R1	0.8434	-	0.6937	19.56	3.41	5.25	6.45	1.39	1.29	251.5	542.10	1563.84
BL2	T6	R1	0.8474	-	0.6502	22.08	3.47	4.70	5.50	1.57	1.29	213.5	789.14	1702.15
BL2	T7	R1	0.8371	-	0.5756	22.29	3.40	5.00	5.73	1.37	1.26	143.0	541.27	1472.25
BL2	T8	R1	0.8362	-	0.6345	23.18	3.42	5.00	5.11	1.85	1.32	135.0	820.14	1496.63
BL3	T1	R1	0.8909	-	0.7653	20.07	3.24	4.90	5.43	1.44	1.13	94.0	473.70	1121.38
BL3	T2	R1	0.8674	-	0.7387	22.68	3.33	5.05	6.20	1.23	1.20	101.0	609.47	1305.21
BL3	T3	R1	0.8620	-	0.7579	22.30	3.29	5.10	6.06	0.69	0.97	81.0	670.37	1489.21
BL3	T4	R1	0.8604	-	0.7586	22.69	3.39	4.70	5.56	0.86	1.11	82.5	445.69	1374.41
BL3	T5	R1	0.8910	-	0.7320	19.21	3.18	5.25	5.99	1.12	1.05	88.5	479.38	1134.23
BL3	T6	R1	0.8871	-	0.7744	21.62	3.26	5.05	5.93	0.82	1.05	96.0	699.73	1410.73
BL3	T7	R1	0.8882	-	0.7726	19.29	3.16	5.50	6.42	0.83	0.97	83.0	540.52	1418.21
BL3	T8	R1	0.8720	-	0.7425	21.63	3.23	5.50	6.20	0.92	0.96	95.0	595.30	1303.42
BL1	T1	R2	0.8362	-	0.7156	22.00	3.35	5.00	6.46	1.04	0.95	239.5	983.70	1855.22
BL1	T2	R2	0.8418	-	0.6764	23.97	3.45	4.55	6.05	1.26	1.10	259.0	644.12	1245.38
BL1	T3	R2	0.8621	-	0.7275	24.80	3.40	5.55	7.34	0.87	1.02	302.5	1005.91	1799.59
BL1	T4	R2	0.8533	-	0.7114	25.28	3.45	4.50	5.99	1.00	1.02	231.0	900.19	1651.04
BL1	T5	R2	0.8110	-	0.6765	24.88	3.54	4.15	5.83	0.83	1.10	218.5	954.69	1630.37
BL1	T6	R2	0.8426	-	0.7361	23.57	3.44	4.55	6.21	1.22	1.12	271.5	655.94	1346.41
BL1	T7	R2	0.8537	-	0.6965	24.87	3.35	5.65	7.33	0.64	0.94	228.0	839.76	1599.54
BL1	T8	R2	0.8178	-	0.6611	24.89	3.37	4.85	6.52	0.73	0.87	205.0	960.30	1600.95
BL2	T1	R2	0.8685	-	0.4292	22.68	3.52	4.05	5.65	1.41	1.26	305.5	853.03	1465.87
BL2	T2	R2	0.8513	-	0.6334	24.11	3.56	4.40	6.07	1.51	1.33	353.5	862.40	1554.35
BL2	T3	R2	0.8624	-	0.6104	25.76	3.46	4.75	6.18	1.20	1.10	227.0	854.58	1526.72
BL2	T4	R2	0.8858	-	0.7195	23.65	3.41	4.80	6.36	0.99	0.98	230.0	751.83	1473.28
BL2	T5	R2	0.8602	-	0.7256	22.18	3.39	5.05	6.64	1.18	1.07	305.0	987.73	1859.08
BL2	T6	R2	0.8516	-	0.6420	22.34	3.46	4.50	6.21	1.29	1.16	298.5	949.27	1461.92
BL2	T7	R2	0.8548	-	0.6893	24.52	3.35	5.20	6.62	0.93	0.90	214.0	968.77	1626.40
BL2	T8	R2	0.8810	-	0.6762	24.88	3.38	5.45	7.26	0.97	0.99	345.0	780.33	1323.37
BL3	T1	R2	0.8750	-	0.7753	22.61	3.40	4.20	5.71	0.68	0.85	136.5	655.33	1661.03
BL3	T2	R2	0.8595	-	0.7335	24.07	3.41	4.20	5.91	0.62	1.02	133.0	707.08	1516.42
BL3	T3	R2	0.8855	-	0.7732	20.40	3.28	4.55	6.08	0.70	0.92	120.0	541.21	1322.12
BL3	T4	R2	0.8238	-	0.7518	25.16	3.54	3.85	5.81	0.43	1.06	133.0	562.77	1409.82
BL3	T5	R2	0.8847	-	0.7559	22.03	3.33	4.45	6.14	0.72	0.82	138.5	664.88	1265.19
BL3	T6	R2	0.8861	-	0.7713	21.85	3.32	4.65	6.49	0.36	0.77	140.5	552.27	1247.54
BL3	T7	R2	0.8769	-	0.7643	21.12	3.27	4.75	6.55	0.45	0.80	125.0	537.90	1174.25
BL3	T8	R2	0.8522	-	0.7558	22.34	3.36	4.15	5.75	0.76	0.94	124.5	834.11	1647.91

Anno: Y08

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1922.50	211.86	50.49	421.67	1.11	4.77	40.43	42.38	40.25
BL1	T2	R1	930.00	208.78	38.66	343.34	1.09	2.92	41.57	49.39	41.02
BL1	T3	R1	1388.33	145.48	35.67	340.00	1.00	4.10	39.59	44.19	41.18
BL1	T4	R1	830.00	213.42	49.61	465.00	0.85	1.85	42.05	44.36	41.23
BL1	T5	R1	2198.33	139.94	30.93	408.34	1.23	5.33	43.36	43.93	40.36
BL1	T6	R1	1296.67	179.71	36.91	431.67	1.29	3.11	42.16	43.87	43.67
BL1	T7	R1	1653.33	142.00	27.77	295.00	1.12	6.00	39.97	42.90	40.88
BL1	T8	R1	1288.33	192.80	29.92	391.67	1.21	3.87	42.14	45.61	42.55
BL2	T1	R1	2379.17	224.53	39.33	393.34	1.10	6.03	41.17	46.44	41.09
BL2	T2	R1	1698.33	288.44	57.40	495.00	1.47	3.67	41.37	45.11	42.35
BL2	T3	R1	2656.67	233.43	53.83	515.00	1.21	5.36	40.08	46.57	43.32
BL2	T4	R1	1305.00	239.52	52.57	438.34	1.34	3.23	40.81	42.90	44.68
BL2	T5	R1	2658.33	178.56	40.46	490.00	1.27	5.58	39.97	42.73	41.33
BL2	T6	R1	1248.33	202.67	44.02	488.34	1.13	2.57	42.17	44.83	41.24
BL2	T7	R1	2545.00	191.39	35.11	423.34	1.11	7.08	40.10	43.96	41.77
BL2	T8	R1	1525.00	207.60	41.96	526.67	1.24	2.88	41.60	42.07	42.18
BL3	T1	R1	2350.83	258.74	45.99	373.34	0.99	6.81	40.06	44.49	42.77
BL3	T2	R1	1633.33	334.03	31.70	296.67	1.16	5.67	39.79	46.08	42.75
BL3	T3	R1	1655.83	209.61	42.10	373.34	0.83	4.51	37.43	43.87	39.56
BL3	T4	R1	1153.33	351.00	45.50	438.34	0.79	2.65	36.97	42.51	42.30
BL3	T5	R1	2591.67	225.01	24.83	266.67	1.12	9.74	37.64	43.73	39.78
BL3	T6	R1	2398.33	372.50	49.66	560.00	1.13	4.31	41.93	44.78	41.73
BL3	T7	R1	3045.00	235.48	32.61	411.67	0.96	7.08	40.64	44.16	44.17
BL3	T8	R1	1549.83	231.40	40.90	461.67	1.26	5.13	41.08	44.40	43.91
BL4	T1	R1	2810.00	309.81	48.39	441.67	0.95	6.40	41.93	46.99	44.17
BL4	T2	R1	1391.67	331.17	62.68	613.34	0.87	2.38	42.04	46.71	45.05
BL4	T3	R1	1816.67	319.32	56.33	563.34	0.63	3.10	40.30	45.78	43.77
BL4	T4	R1	816.67	210.33	50.89	500.00	0.82	1.80	40.35	44.79	44.50
BL4	T5	R1	1965.83	198.94	29.91	388.34	0.76	6.81	39.30	43.52	43.02
BL4	T6	R1	2435.00	445.86	43.45	570.00	0.81	4.33	41.58	44.74	44.29
BL4	T7	R1	1315.83	181.15	38.84	491.67	0.49	2.51	38.52	42.73	40.76
BL4	T8	R1	1885.00	357.20	48.70	616.67	0.90	3.26	42.93	46.80	42.93
BL1	T1	R2	1263.33	135.55	45.48	391.67	1.15	3.33	39.74	42.98	42.84
BL1	T2	R2	1618.33	280.88	57.36	538.34	1.31	3.10	42.63	45.08	42.33
BL1	T3	R2	1286.67	135.26	43.37	358.34	1.25	3.84	41.92	46.66	43.19
BL1	T4	R2	1016.67	182.19	47.18	436.67	1.21	2.36	44.63	45.63	40.95
BL1	T5	R2	1536.67	130.45	29.06	336.67	1.02	4.61	40.17	41.37	40.92
BL1	T6	R2	1683.33	277.71	35.83	428.34	1.03	3.91	38.55	46.48	41.21
BL1	T7	R2	2336.67	154.94	42.61	521.67	1.23	4.64	43.75	42.33	43.28
BL1	T8	R2	1166.67	195.21	41.54	498.34	1.10	2.57	39.77	43.40	42.85
BL2	T1	R2	3060.00	306.88	53.62	478.34	1.12	6.46	45.22	44.42	43.83
BL2	T2	R2	1210.00	240.67	53.39	520.00	1.02	2.33	43.21	43.28	42.20
BL2	T3	R2	1055.00	146.38	51.75	463.34	0.82	2.37	44.78	45.82	43.44
BL2	T4	R2	1763.33	282.58	61.95	570.00	1.24	3.03	43.58	43.73	47.41
BL2	T5	R2	1990.00	163.92	37.05	443.34	1.08	4.52	39.96	43.41	38.22
BL2	T6	R2	1560.00	221.88	33.47	411.67	1.15	3.88	43.17	46.78	40.08
BL2	T7	R2	1800.00	142.33	36.78	423.34	1.04	4.98	42.98	45.28	42.01
BL2	T8	R2	1258.33	167.00	37.76	440.00	1.23	2.80	42.95	44.24	41.20
BL3	T1	R2	4410.00	337.61	52.77	515.00	1.29	8.29	36.78	44.28	41.84
BL3	T2	R2	1535.00	296.89	79.20	295.00	2.79	5.67	37.15	42.73	38.16
BL3	T3	R2	1471.67	179.54	58.89	570.00	0.80	2.44	37.72	40.12	40.17
BL3	T4	R2	1151.67	312.22	53.03	483.34	0.91	2.38	38.35	40.91	41.53
BL3	T5	R2	3891.67	236.23	44.50	515.00	1.30	8.72	34.21	43.40	38.48
BL3	T6	R2	1673.33	262.92	34.92	431.67	1.17	4.13	39.82	43.41	40.87
BL3	T7	R2	1918.33	139.96	28.70	333.34	1.06	6.03	34.87	40.72	39.43
BL3	T8	R2	1651.67	303.46	45.66	600.00	0.72	3.14	34.17	40.18	40.61
BL4	T1	R2	3225.00	425.32	49.43	478.34	0.80	8.76	39.88	43.28	42.13
BL4	T2	R2	2552.50	424.84	71.92	715.00	1.27	3.42	39.24	44.35	41.76
BL4	T3	R2	1926.67	237.07	48.27	471.67	0.83	4.42	38.77	42.46	42.89
BL4	T4	R2	1663.33	312.02	60.59	536.67	1.15	3.10	39.22	44.83	42.46
BL4	T5	R2	2606.67	230.27	31.86	415.00	0.91	7.09	40.70	44.66	42.08
BL4	T6	R2	2956.67	514.28	42.15	535.00	0.68	5.49	39.33	44.08	40.83
BL4	T7	R2	2970.00	267.59	31.07	411.67	0.83	6.99	38.65	41.15	41.46
BL4	T8	R2	3085.00	366.31	56.66	822.50	1.15	3.79	42.40	45.54	45.48

Blocco	Tesi	Raccolta	NDVigiù	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.7594	0.6384	0.6650	22.34	3.26	5.10	6.93	1.52	1.37	112.0	890.97	2063.65
BL1	T2	R1	0.7501	0.6720	0.5244	19.74	3.25	5.80	7.90	1.80	1.54	224.5	796.48	1265.37
BL1	T3	R1	0.7534	0.6832	0.5743	21.91	3.28	5.35	7.41	1.39	1.51	114.0	781.23	1694.07
BL1	T4	R1	0.7528	0.6361	0.6261	22.50	3.32	5.00	7.14	1.34	1.54	73.5	610.76	1246.59
BL1	T5	R1	0.7315	0.6920	0.6215	21.45	3.21	6.15	8.28	1.62	1.37	173.5	737.81	1409.77
BL1	T6	R1	0.7836	0.7157	0.5226	20.61	3.27	5.20	7.45	1.46	1.52	119.5	698.79	1289.66
BL1	T7	R1	0.7559	0.6068	0.6244	21.24	3.19	5.55	7.52	1.45	1.47	131.0	581.05	1380.00
BL1	T8	R1	0.7111	0.7027	0.6481	23.10	3.32	5.25	7.52	1.32	1.60	89.0	573.88	990.37
BL2	T1	R1	0.7368	0.7103	0.6076	20.85	3.27	5.25	7.28	1.74	1.59	149.5	851.89	1538.17
BL2	T2	R1	0.7587	0.6154	0.7014	21.12	3.27	5.15	6.99	1.79	1.55	124.0	590.22	1156.16
BL2	T3	R1	0.7371	0.6722	0.6334	21.10	3.20	5.05	6.65	1.75	1.42	96.0	544.77	1303.89
BL2	T4	R1	0.7139	0.6673	0.6615	19.23	3.31	5.40	6.91	1.53	1.09	121.0	735.93	1182.83
BL2	T5	R1	0.7475	0.6598	0.6697	19.44	3.29	5.10	7.28	1.99	1.52	153.5	756.95	1292.77
BL2	T6	R1	0.7419	0.6358	0.7024	21.05	3.39	4.75	6.89	1.90	1.72	177.0	821.70	1426.09
BL2	T7	R1	0.7425	0.7169	0.6332	21.06	3.22	4.95	6.67	1.59	1.41	87.0	571.68	1265.08
BL2	T8	R1	0.7424	0.6906	0.6886	22.01	3.24	4.95	6.81	1.53	1.46	93.0	706.52	1507.87
BL3	T1	R1	0.6990	0.6336	0.6885	19.62	3.29	5.15	6.69	1.43	1.06	77.0	584.53	1343.10
BL3	T2	R1	0.8350	0.6517	0.7559	21.32	3.30	4.80	6.39	1.19	0.99	84.0	725.33	1300.51
BL3	T3	R1	0.7853	0.6695	0.6570	21.53	3.33	5.05	6.87	1.04	1.05	53.5	670.33	1705.69
BL3	T4	R1	0.7883	0.6838	0.7060	21.49	3.42	4.85	6.23	1.35	1.13	63.5	515.51	1517.67
BL3	T5	R1	0.7520	0.6941	0.7377	21.14	3.34	4.70	6.65	0.75	0.97	45.0	853.48	1775.98
BL3	T6	R1	0.6742	0.6498	0.6771	21.84	3.35	4.65	6.45	1.03	0.96	75.5	744.25	1213.31
BL3	T7	R1	0.6899	0.7025	0.6755	21.27	3.34	4.75	6.73	1.01	1.04	50.0	592.16	1383.31
BL3	T8	R1	0.8161	0.6619	0.7631	22.29	3.42	4.70	6.66	1.01	1.10	70.0	665.37	1429.99
BL4	T1	R1	0.7688	0.6945	0.6812	19.60	3.22	5.10	6.65	1.20	0.99	70.5	725.22	1157.49
BL4	T2	R1	0.7903	0.7249	0.7147	20.55	3.42	5.30	6.92	1.59	1.40	67.0	539.13	1049.48
BL4	T3	R1	0.6735	0.7025	0.6612	21.02	3.50	4.80	6.85	1.08	1.32	67.5	647.42	1535.91
BL4	T4	R1	0.7584	0.7177	0.6995	20.50	3.42	5.25	7.32	1.30	1.35	58.5	765.16	1565.29
BL4	T5	R1	0.7758	0.6976	0.6787	20.32	3.36	5.05	6.99	1.18	1.10	60.5	832.25	1594.59
BL4	T6	R1	0.7854	0.6931	0.7321	20.16	3.33	5.10	6.66	1.38	1.24	76.0	766.01	1214.38
BL4	T7	R1	0.7462	0.6312	0.7440	19.76	3.34	5.25	6.85	1.53	1.30	49.0	638.34	1099.76
BL4	T8	R1	0.7643	0.7261	0.6762	20.67	3.37	4.85	6.60	1.27	1.15	60.0	748.55	1367.78
BL1	T1	R2	0.7574	0.6464	0.6578	23.52	3.47	4.20	6.13	1.49	0.99	103.0	808.50	1523.72
BL1	T2	R2	0.7538	0.6200	0.6004	22.40	3.38	4.65	6.24	1.34	0.87	153.0	712.14	1284.86
BL1	T3	R2	0.7250	0.7332	0.5648	24.69	3.51	4.60	6.33	1.23	1.07	95.5	733.22	1332.54
BL1	T4	R2	0.7083	0.6585	0.4963	24.89	3.49	4.55	6.30	1.33	1.02	105.5	946.03	1414.40
BL1	T5	R2	0.7502	0.5662	0.5797	22.90	3.38	5.35	7.18	1.24	0.88	163.0	719.51	1321.47
BL1	T6	R2	0.7765	0.6679	0.6300	21.61	3.43	4.25	5.83	1.71	1.06	157.0	862.25	1368.45
BL1	T7	R2	0.7466	0.5966	0.4891	24.46	3.41	4.70	6.52	1.09	0.86	100.5	1030.80	1982.68
BL1	T8	R2	0.7494	0.7322	0.6888	24.35	3.45	4.75	6.73	0.95	0.94	60.0	948.76	1615.81
BL2	T1	R2	0.7828	0.7003	0.4752	21.48	3.61	3.85	5.81	1.93	1.32	132.0	427.51	912.50
BL2	T2	R2	0.7698	0.7142	0.6159	23.49	3.77	3.95	5.93	2.31	1.77	228.0	599.10	1131.02
BL2	T3	R2	0.7221	0.7247	0.4941	25.14	3.65	4.00	6.03	1.57	1.19	100.0	526.34	1183.51
BL2	T4	R2	0.7758	0.6958	0.6869	21.69	3.46	4.05	5.96	1.74	1.15	103.0	853.85	1570.02
BL2	T5	R2	0.7944	0.7353	0.6549	21.37	3.61	4.15	6.40	2.08	1.34	147.0	656.76	1266.78
BL2	T6	R2	0.7642	0.7045	0.5692	22.89	3.64	3.85	5.96	2.04	1.45	162.5	993.14	1883.60
BL2	T7	R2	0.7364	0.7189	0.6398	23.99	3.57	3.90	5.99	1.60	1.18	78.0	692.82	1450.58
BL2	T8	R2	0.7584	0.7281	0.6797	23.22	3.49	4.40	6.30	1.53	1.05	72.0	801.36	1494.74
BL3	T1	R2	0.6978	0.7063	0.6518	20.58	3.45	4.35	6.14	1.89	1.11	79.5	394.46	1119.18
BL3	T2	R2	0.7949	0.5800	0.7147	23.71	3.57	3.80	5.95	1.44	1.18	52.0	554.33	1380.23
BL3	T3	R2	0.7413	0.6839	0.7027	24.97	3.56	4.00	5.95	1.48	1.12	47.5	247.27	778.97
BL3	T4	R2	0.6766	0.6233	0.7285	25.22	3.68	3.80	5.96	1.28	1.26	57.0	345.01	1004.43
BL3	T5	R2	0.7414	0.6387	0.6958	23.61	3.48	4.05	6.18	1.24	0.94	49.0	610.16	1328.05
BL3	T6	R2	0.6521	0.6644	0.7499	23.98	3.54	4.00	6.13	1.29	1.10	77.0	413.04	941.02
BL3	T7	R2	0.6651	0.6573	0.6085	23.43	3.53	4.00	6.13	1.27	1.02	43.0	517.55	1071.21
BL3	T8	R2	0.7691	0.6035	0.7145	24.10	3.63	3.65	5.84	1.71	1.35	25.5	497.72	1138.64
BL4	T1	R2	0.7410	0.7276	0.7248	20.02	3.43	4.60	6.06	2.13	1.28	82.0	573.56	1686.72
BL4	T2	R2	0.7534	0.7348	0.7164	21.39	3.50	4.85	5.86	1.79	1.27	75.5	379.46	1157.74
BL4	T3	R2	0.6702	0.6837	0.7359	21.59	3.60	3.90	6.05	1.81	1.44	83.5	647.48	1624.55
BL4	T4	R2	0.7329	0.7781	0.7465	22.63	3.62	3.95	6.26	1.49	1.37	58.5	768.64	1709.61
BL4	T5	R2	0.7382	0.6454	0.7294	20.31	3.43	4.45	6.42	1.88	1.24	71.0	534.77	1096.60
BL4	T6	R2	0.7228	0.6426	0.6729	21.24	3.47	4.25	6.04	1.83	1.26	59.0	477.58	1217.88
BL4	T7	R2	0.6697	0.6259	0.6675	22.69	3.53	4.20	6.39	1.28	1.23	50.0	309.19	655.76
BL4	T8	R2	0.7457	0.7290	0.7020	21.80	3.48	4.10	5.99	1.94	1.30	77.0	589.19	1386.95

Anno: Y09

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago			
BL1	T1	R1	2222.00	282.77	72.05	632.00	1.25	3.75	42.75	44.10	44.08			
BL1	T2	R1	2094.00	233.86	81.05	702.00	1.07	3.12	42.66	46.75	43.62			
BL1	T3	R1	2060.00	270.10	80.91	756.00	0.83	2.72	40.90	45.96	43.07			
BL1	T4	R1	2074.00	270.65	70.02	684.00	0.76	3.28	40.38	45.14	43.91			
BL1	T5	R1	2094.00	289.40	42.50	506.00	0.66	4.20	42.08	40.19	40.51			
BL1	T6	R1	1770.00	230.51	54.41	656.00	0.66	2.85	42.71	45.89	44.28			
BL1	T7	R1	1526.00	228.08	50.63	588.00	0.64	2.76	40.98	44.93	43.20			
BL1	T8	R1	2144.00	257.99	68.63	804.00	0.63	2.60	41.16	41.93	40.99			
BL2	T1	R1	1338.00	277.13	70.95	590.00	0.63	2.36	44.39	45.26	43.96			
BL2	T2	R1	2204.00	327.98	77.96	628.00	0.72	3.79	43.90	44.80	44.42			
BL2	T3	R1	1810.00	277.75	80.19	714.00	0.79	2.87	41.69	45.06	43.08			
BL2	T4	R1	2126.00	304.44	78.45	786.00	0.73	2.78	41.99	44.98	45.60			
BL2	T5	R1	3116.00	341.94	45.48	514.00	0.79	6.93	43.33	44.92	42.76			
BL2	T6	R1	2178.00	291.03	46.09	544.00	0.62	4.27	42.28	43.16	41.48			
BL2	T7	R1	1996.00	259.55	55.48	656.00	-	3.32	41.27	43.92	41.40			
BL2	T8	R1	1768.00	233.80	51.14	590.00	0.44	3.47	41.71	44.13	43.22			
BL3	T1	R1	2795.00	327.16	45.38	538.00	0.59	5.50	40.52	44.70	42.96			
BL3	T2	R1	2776.00	292.75	61.18	606.00	-	4.44	42.16	45.71	39.93			
BL3	T3	R1	2086.00	284.93	68.14	608.00	0.79	3.90	37.20	41.24	41.45			
BL3	T4	R1	2576.00	289.60	69.61	660.00	0.80	4.13	39.15	44.29	45.40			
BL3	T5	R1	2044.00	289.55	46.74	582.00	0.28	4.28	39.54	41.98	40.23			
BL3	T6	R1	2731.11	293.57	55.91	728.89	0.60	3.81	42.03	43.49	41.17			
BL3	T7	R1	1992.00	231.93	59.06	756.00	0.84	3.66	39.76	44.88	44.34			
BL3	T8	R1	2330.00	308.34	87.73	1116.00	0.61	3.74	39.95	43.92	46.71			
BL4	T1	R1	3212.00	384.95	56.60	540.00	0.90	6.13	41.34	44.69	44.55			
BL4	T2	R1	4193.00	392.22	67.69	700.00	1.06	6.64	41.22	45.70	44.87			
BL4	T3	R1	2666.00	356.75	66.97	624.00	1.02	4.48	41.58	45.86	47.46			
BL4	T4	R1	2780.00	406.36	69.50	706.00	0.65	4.09	41.63	46.23	48.28			
BL4	T5	R1	4874.00	425.52	43.26	582.00	0.81	8.67	43.61	45.33	46.05			
BL4	T6	R1	3802.00	452.98	50.60	598.00	0.70	6.81	40.93	44.66	45.49			
BL4	T7	R1	1730.00	326.04	53.66	658.00	0.38	2.80	37.97	43.46	45.60			
BL4	T8	R1	2486.00	383.34	59.34	792.00	0.62	3.55	40.24	45.86	45.66			
BL1	T1	R2	2655.00	263.44	72.28	620.00	-	4.77	42.48	45.23	44.02			
BL1	T2	R2	2096.67	237.70	73.46	598.34	-	3.51	41.68	45.63	42.03			
BL1	T3	R2	2660.00	317.16	77.19	783.34	-	3.37	42.66	47.17	43.84			
BL1	T4	R2	2491.67	301.09	59.62	616.67	-	4.08	40.88	45.08	43.04			
BL1	T5	R2	2346.67	302.03	42.85	531.67	-	4.52	42.08	41.24	39.35			
BL1	T6	R2	1886.67	228.35	50.85	640.00	-	3.02	43.53	45.07	43.62			
BL1	T7	R2	1793.33	227.18	48.97	626.67	-	3.04	42.65	45.24	43.58			
BL1	T8	R2	1860.00	261.90	69.52	786.67	-	2.34	40.02	41.90	39.93			
BL2	T1	R2	1163.33	237.42	73.81	645.00	-	1.81	45.27	47.32	45.52			
BL2	T2	R2	1953.33	319.94	77.07	625.00	-	3.44	43.62	45.36	46.22			
BL2	T3	R2	1616.67	238.06	86.62	776.67	-	2.42	42.03	44.61	42.57			
BL2	T4	R2	2068.33	283.02	78.26	810.00	-	2.71	42.15	45.42	45.56			
BL2	T5	R2	3318.33	413.33	44.41	463.34	-	7.71	42.78	44.58	42.49			
BL2	T6	R2	2327.50	194.12	50.03	650.00	-	3.43	42.49	43.13	40.66			
BL2	T7	R2	-	-	-	-	-	-	-	-	-			
BL2	T8	R2	1180.00	209.70	47.83	588.34	-	1.91	42.74	45.20	43.19			
BL3	T1	R2	2056.67	345.42	42.72	498.34	-	4.34	40.66	44.68	41.38			
BL3	T2	R2	-	-	-	-	-	-	-	-	-			
BL3	T3	R2	2575.00	362.73	68.00	613.34	-	5.34	37.63	40.96	41.99			
BL3	T4	R2	1903.33	266.95	64.42	565.00	-	3.70	39.85	45.55	45.95			
BL3	T5	R2	1243.33	280.22	49.02	641.67	-	3.03	40.44	40.73	40.15			
BL3	T6	R2	1938.33	269.94	49.59	606.67	-	3.38	42.37	44.13	40.52			
BL3	T7	R2	2378.33	212.73	53.69	705.00	-	5.18	40.02	45.55	44.11			
BL3	T8	R2	2070.00	295.88	117.16	1426.67	-	2.15	39.09	41.42	43.15			
BL4	T1	R2	4287.50	446.42	57.95	587.50	-	7.52	40.41	45.70	45.05			
BL4	T2	R2	4270.00	401.55	54.76	540.00	-	8.02	41.72	45.85	43.94			
BL4	T3	R2	3190.00	370.27	70.82	621.67	-	5.61	40.38	43.81	46.32			
BL4	T4	R2	3108.33	456.42	71.59	771.67	-	4.11	41.06	45.13	46.38			
BL4	T5	R2	4558.33	424.29	42.50	535.00	-	8.79	43.43	44.89	45.99			
BL4	T6	R2	4026.67	448.12	51.79	668.34	-	6.29	39.66	43.60	44.28			
BL4	T7	R2	1640.00	367.28	48.31	556.67	-	3.11	37.00	42.51	44.77			
BL4	T8	R2	2376.67	299.43	70.90	901.67	-	2.82	39.29	45.98	45.22			
Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.6726	0.7364	0.6933	20.93	3.55	4.45	6.57	1.85	1.64	124.5	337.30	1191.40
BL1	T2	R1	0.6054	0.6353	0.6860	19.24	3.50	4.95	6.92	2.02	1.55	168.0	296.38	1134.83
BL1	T3	R1	0.6407	0.7196	0.7001	22.77	3.58	4.55	6.41	1.73	1.51	140.0	425.53	1328.72
BL1	T4	R1	0.6424	0.6988	0.6811	21.00	3.41	4.85	6.69	1.67	1.34	108.5	457.36	1137.22

BL1	T5	R1	0.5155	0.6888	0.6502	20.32	3.46	4.70	6.65	1.98	1.48	125.5	438.08	1126.99
BL1	T6	R1	0.6759	0.7195	0.6829	20.85	3.48	4.60	6.57	1.93	1.55	126.5	410.57	1094.35
BL1	T7	R1	0.6065	0.6651	0.6523	20.94	3.56	4.45	6.39	1.97	1.59	140.5	347.50	1215.03
BL1	T8	R1	0.6339	0.6392	0.6394	20.44	3.49	4.80	6.81	1.76	1.56	98.0	476.57	1189.12
BL2	T1	R1	0.6278	0.7495	0.7022	20.97	3.64	4.25	6.19	2.17	1.79	153.0	447.66	1301.82
BL2	T2	R1	0.5548	0.5982	0.6928	21.85	3.53	4.60	6.60	1.86	1.55	137.5	420.65	1325.37
BL2	T3	R1	0.5426	0.7074	0.6495	21.70	3.55	4.40	6.26	1.79	1.61	108.5	465.97	1331.38
BL2	T4	R1	0.6594	0.7398	0.6812	21.43	3.54	4.60	6.51	1.95	1.60	126.5	580.00	1340.23
BL2	T5	R1	0.6853	0.7092	0.6832	20.68	3.58	4.50	6.53	1.97	1.71	145.0	588.80	1306.35
BL2	T6	R1	0.5762	0.6728	0.7087	20.36	3.56	4.40	6.44	2.14	1.66	141.5	566.19	1345.04
BL2	T7	R1	0.6478	0.6746	0.6821	22.23	3.64	4.20	6.48	1.59	1.69	103.0	335.38	1239.47
BL2	T8	R1	0.5466	0.6472	0.6942	23.31	3.67	4.25	6.40	1.52	1.77	105.0	463.00	1391.82
BL3	T1	R1	0.7133	0.6991	0.7227	19.85	3.36	5.40	6.97	2.12	1.42	88.5	400.58	1063.29
BL3	T2	R1	0.6812	0.6834	0.6840	20.68	3.44	4.75	6.63	1.87	1.30	114.0	259.04	1063.48
BL3	T3	R1	0.6851	0.7214	0.7092	20.11	3.33	4.85	6.95	1.54	1.20	81.0	361.23	1213.88
BL3	T4	R1	0.6865	0.7506	0.7121	19.30	3.36	4.90	6.93	1.67	1.19	103.0	363.96	1149.98
BL3	T5	R1	0.6919	0.7082	0.6662	20.03	3.36	4.95	7.05	1.61	1.22	74.5	317.61	1148.63
BL3	T6	R1	0.7072	0.7003	0.7124	21.65	3.47	4.50	6.70	1.65	1.55	87.5	372.63	1150.26
BL3	T7	R1	0.7140	0.7175	0.7364	20.57	3.37	4.80	6.84	1.66	1.47	88.5	405.80	1162.51
BL3	T8	R1	0.6912	0.7175	0.7280	19.53	3.33	5.25	7.08	1.86	1.31	110.5	396.39	1303.88
BL4	T1	R1	0.7302	0.7125	0.6782	20.06	3.32	4.90	6.94	1.76	1.42	91.0	440.22	997.02
BL4	T2	R1	0.6692	0.7005	0.7040	20.71	3.40	4.80	6.91	1.98	1.57	101.5	339.15	1101.14
BL4	T3	R1	0.7474	0.7075	0.7544	20.08	3.43	4.70	6.57	1.79	1.71	72.5	348.72	1117.57
BL4	T4	R1	0.7124	0.6970	0.7266	20.27	3.43	5.30	6.81	2.01	1.48	113.0	374.55	1201.91
BL4	T5	R1	0.6995	0.6913	0.6987	19.71	3.41	5.20	7.14	1.53	1.49	88.0	427.73	1190.89
BL4	T6	R1	0.7296	0.7243	0.7175	19.93	3.37	4.75	6.93	1.99	1.53	86.0	408.13	1005.32
BL4	T7	R1	0.7099	0.7212	0.7328	19.60	3.34	4.95	6.92	2.03	1.59	76.5	485.35	1161.07
BL4	T8	R1	0.7202	0.6845	0.7233	20.73	3.31	4.90	7.11	1.64	1.39	63.0	411.61	1057.92
BL1	T1	R2	0.6789	0.7568	0.7007	23.77	3.49	4.30	6.52	1.09	1.04	89.0	355.11	1241.48
BL1	T2	R2	0.5854	0.6512	0.7056	22.26	3.39	4.65	6.51	1.23	0.94	75.5	187.25	1074.16
BL1	T3	R2	0.6577	0.6604	0.6327	20.50	3.38	5.30	6.86	1.17	0.95	87.0	336.13	1047.20
BL1	T4	R2	0.5980	0.6934	0.6526	21.71	3.42	5.00	6.56	1.09	0.89	67.5	219.13	1214.83
BL1	T5	R2	0.5197	0.7050	0.6784	21.50	3.38	4.90	6.46	1.14	0.98	59.0	284.01	1311.81
BL1	T6	R2	0.6867	0.7796	0.7520	22.01	3.39	4.50	6.54	1.16	0.98	62.0	374.79	1222.95
BL1	T7	R2	0.6230	0.6160	0.6275	22.36	3.38	5.00	6.94	1.10	0.84	71.5	320.08	1305.46
BL1	T8	R2	0.6702	0.6580	0.6586	21.29	3.37	5.20	6.65	1.25	0.97	36.0	365.37	1327.85
BL2	T1	R2	0.6414	0.7268	0.6625	22.22	3.50	4.25	6.09	1.56	1.22	125.0	432.72	1250.33
BL2	T2	R2	0.5605	0.6001	0.6515	19.99	3.40	4.90	6.67	1.82	1.20	130.5	437.29	1285.35
BL2	T3	R2	0.5111	0.6791	0.6225	22.99	3.48	4.50	6.33	1.34	1.17	109.5	522.54	1497.29
BL2	T4	R2	0.6643	0.7159	0.6707	20.26	3.44	4.35	6.23	1.71	1.23	108.0	405.55	1174.28
BL2	T5	R2	0.7147	0.6599	0.6462	20.79	3.47	4.40	6.17	1.70	1.35	122.0	386.24	1181.16
BL2	T6	R2	0.6253	0.6392	0.6337	22.69	3.46	4.50	6.54	1.41	1.21	117.0	485.04	1316.37
BL2	T7	R2	-	-	-	-	-	-	-	-	-	-	-	-
BL2	T8	R2	0.5675	0.6191	0.6740	22.68	3.61	4.30	6.28	1.49	1.32	140.5	450.57	1437.78
BL3	T1	R2	0.7597	0.6739	0.7249	21.95	3.58	4.35	6.03	2.04	1.49	151.5	378.31	1259.78
BL3	T2	R2	-	-	-	-	-	-	-	-	-	-	-	-
BL3	T3	R2	0.7190	0.7414	0.7242	21.49	3.52	4.35	6.06	1.91	1.46	105.0	522.45	1359.27
BL3	T4	R2	0.7466	0.7383	0.7215	23.45	3.59	4.30	6.26	1.31	1.48	74.0	454.41	1584.19
BL3	T5	R2	0.7366	0.7269	0.7011	21.99	3.59	4.45	6.19	1.84	1.72	154.0	333.30	1283.42
BL3	T6	R2	0.7146	0.6918	0.7061	22.89	3.54	4.35	6.06	1.65	1.34	108.5	350.44	1266.82
BL3	T7	R2	0.7454	0.7088	0.7437	21.32	3.47	4.40	5.90	1.87	1.47	116.5	489.47	1205.86
BL3	T8	R2	0.7409	0.7341	0.7467	22.53	3.58	4.30	6.22	1.55	1.50	89.5	474.19	1296.78
BL4	T1	R2	0.7476	0.7385	0.7439	20.37	3.43	4.75	6.31	1.61	1.26	96.0	253.32	818.56
BL4	T2	R2	0.7267	0.7287	0.7210	20.98	3.46	4.55	6.56	1.49	1.31	77.0	299.18	1200.18
BL4	T3	R2	0.7722	0.7066	0.7587	20.70	3.50	4.90	6.43	1.31	1.38	78.0	285.50	1142.76
BL4	T4	R2	0.7380	0.7330	0.7534	21.60	3.43	4.45	6.43	1.38	1.23	82.0	468.88	1537.51
BL4	T5	R2	0.7332	0.7083	0.7248	20.51	3.45	4.65	6.55	1.43	1.25	72.5	347.39	1106.65
BL4	T6	R2	0.7634	0.7348	0.7336	20.44	3.44	4.80	6.50	1.70	1.31	80.0	307.28	1170.14
BL4	T7	R2	0.7546	0.7451	0.7487	20.79	3.41	4.75	6.71	1.31	1.22	70.5	361.65	1444.32
BL4	T8	R2	0.7593	0.7363	0.7460	21.40	3.42	4.50	6.45	1.38	1.19	75.0	386.56	1310.64

2.2 Boxplot (Cortigliano)

2.2.1 Boxplot per Blocco

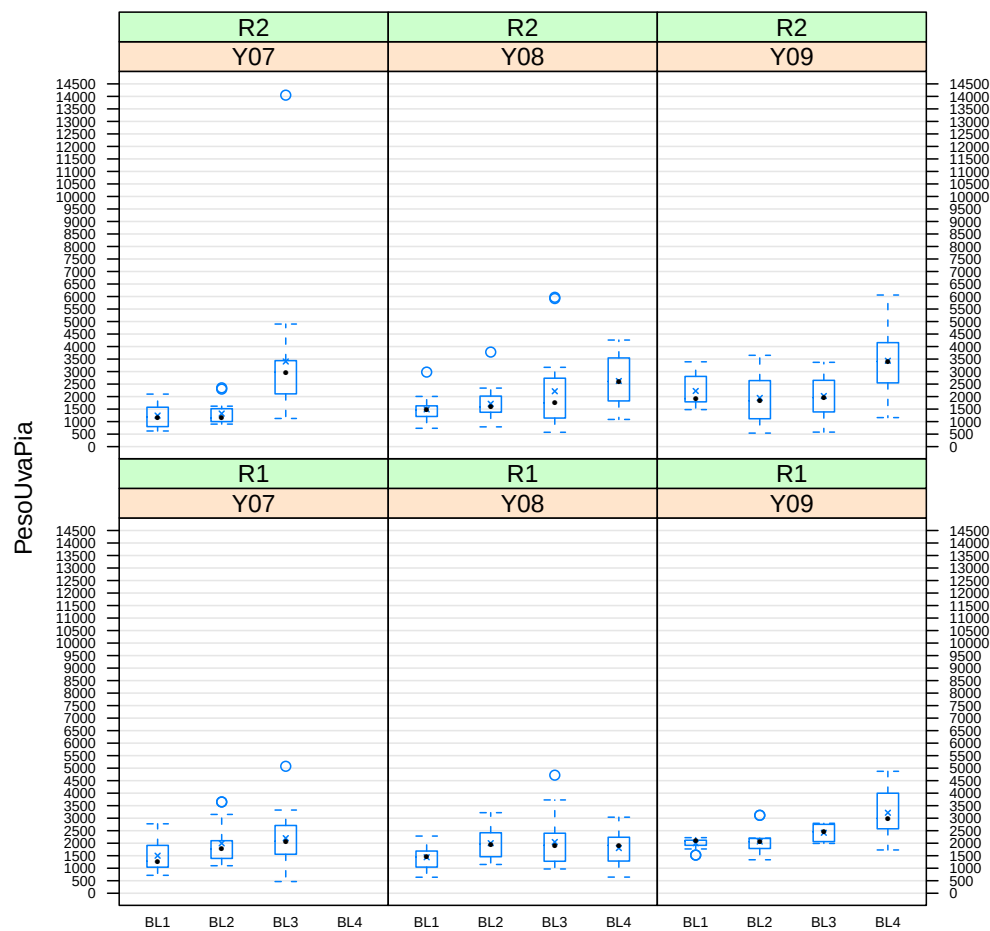


Figura 2.2: Boxplot per Blocco del Peso medio dell'uva per pianta

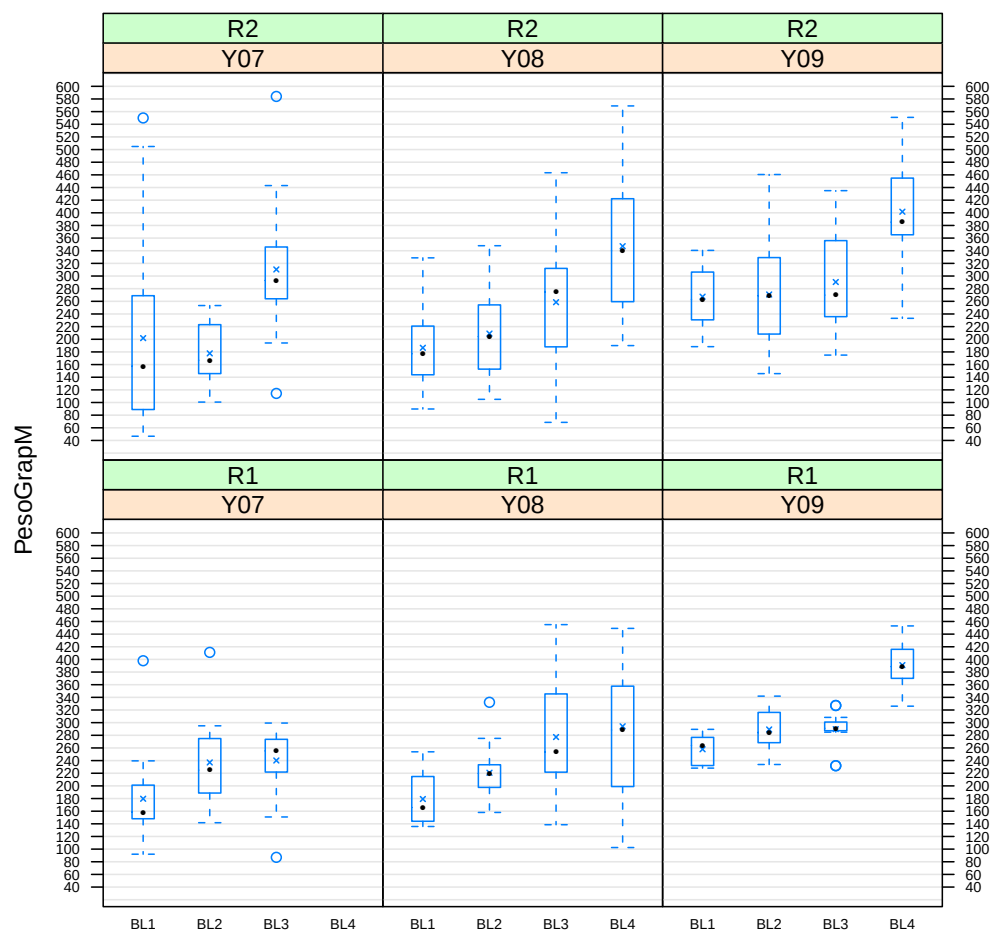


Figura 2.3: Boxplot per Blocco del Peso medio del grappolo

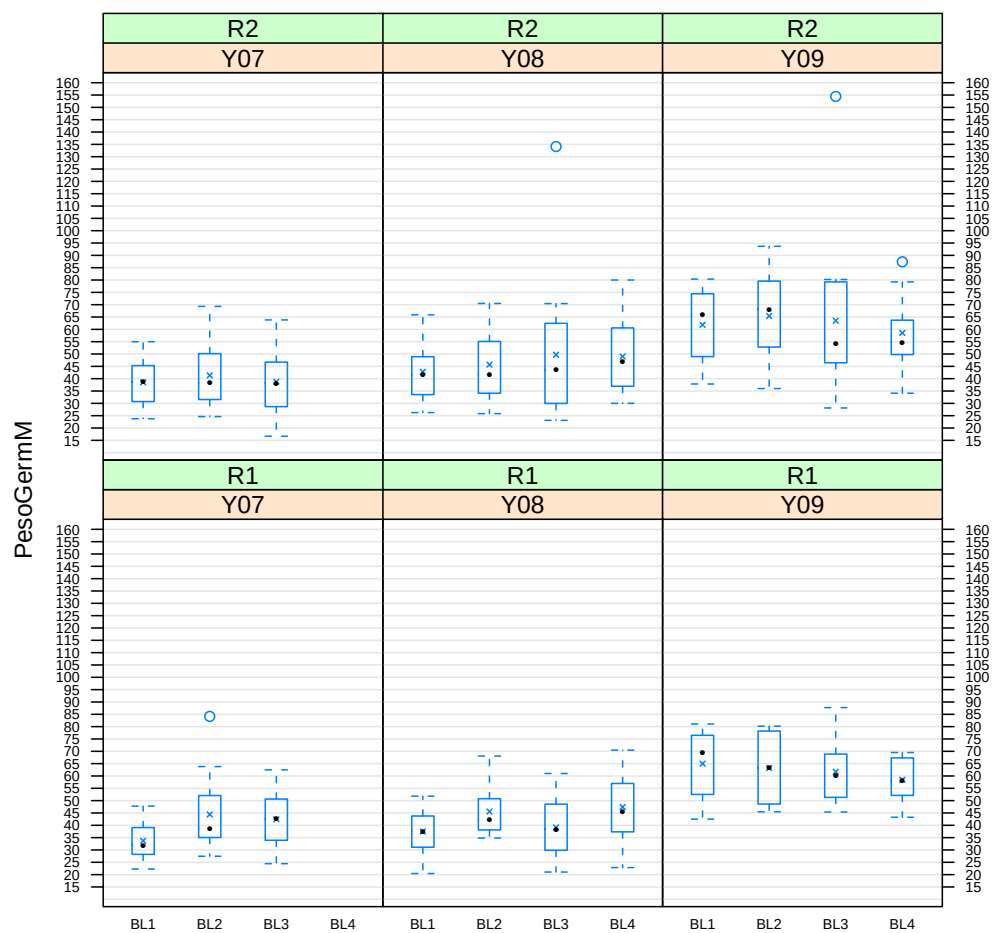


Figura 2.4: Boxplot per Blocco del Peso medio del germoglio

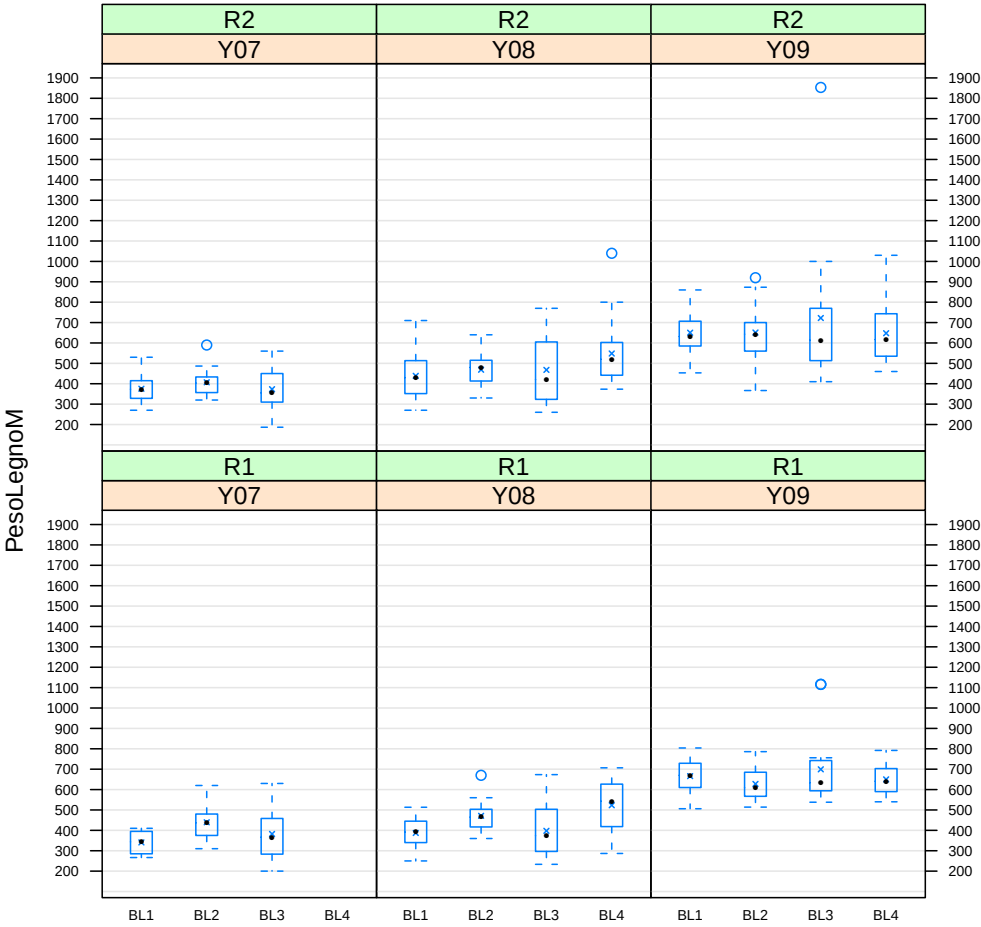


Figura 2.5: Boxplot per Blocco del Peso medio del legno

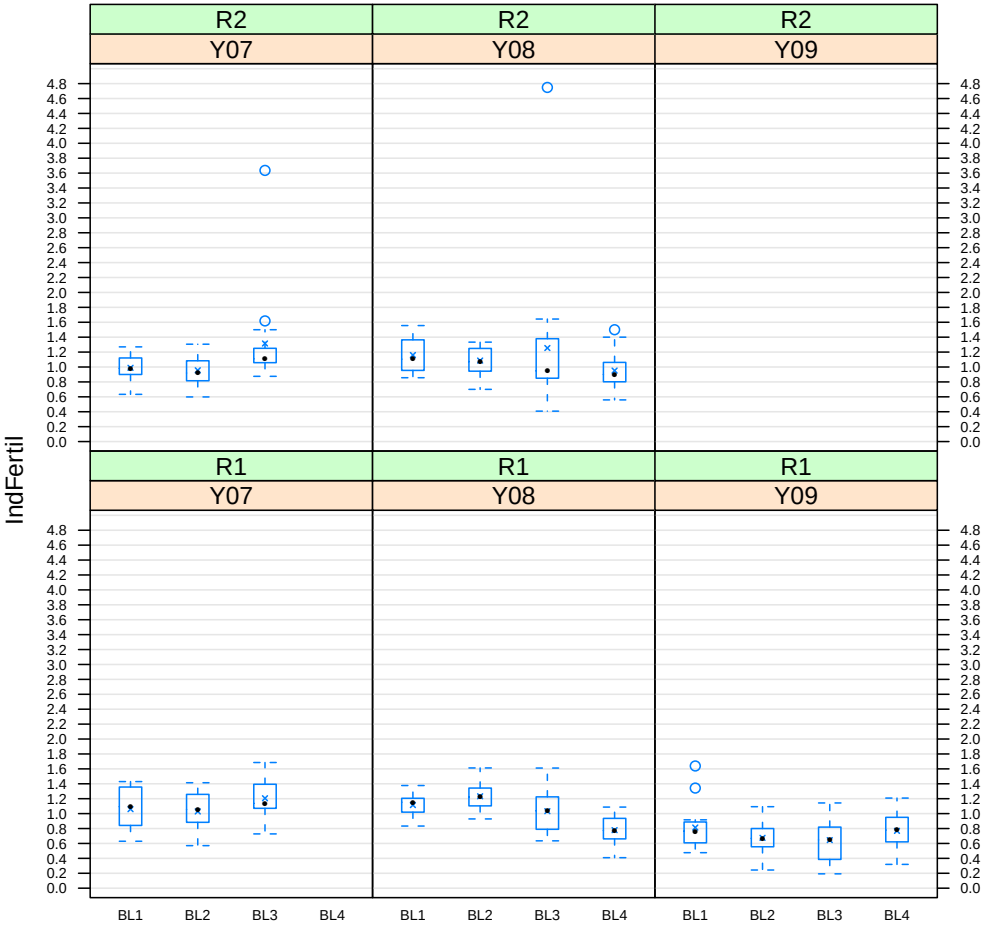


Figura 2.6: Boxplot per Blocco dell'Indice di Fertilità

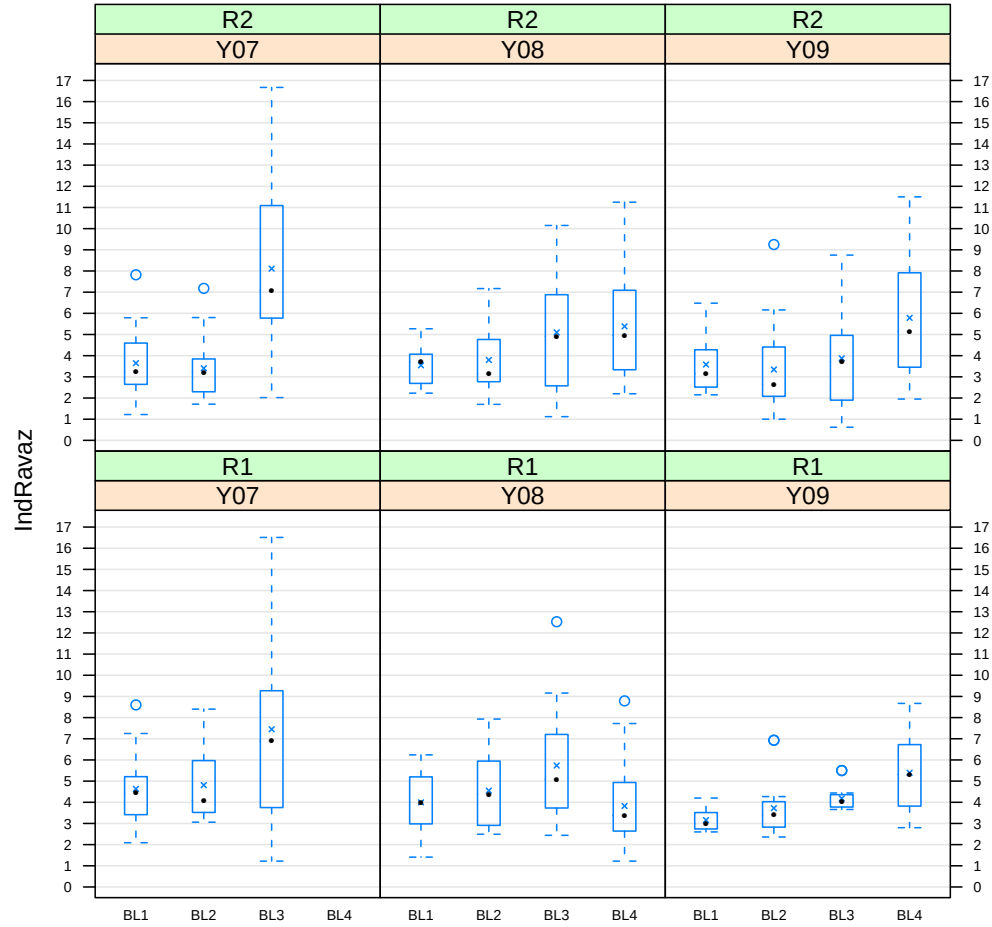


Figura 2.7: Boxplot per Blocco dell'Indice di Ravaz

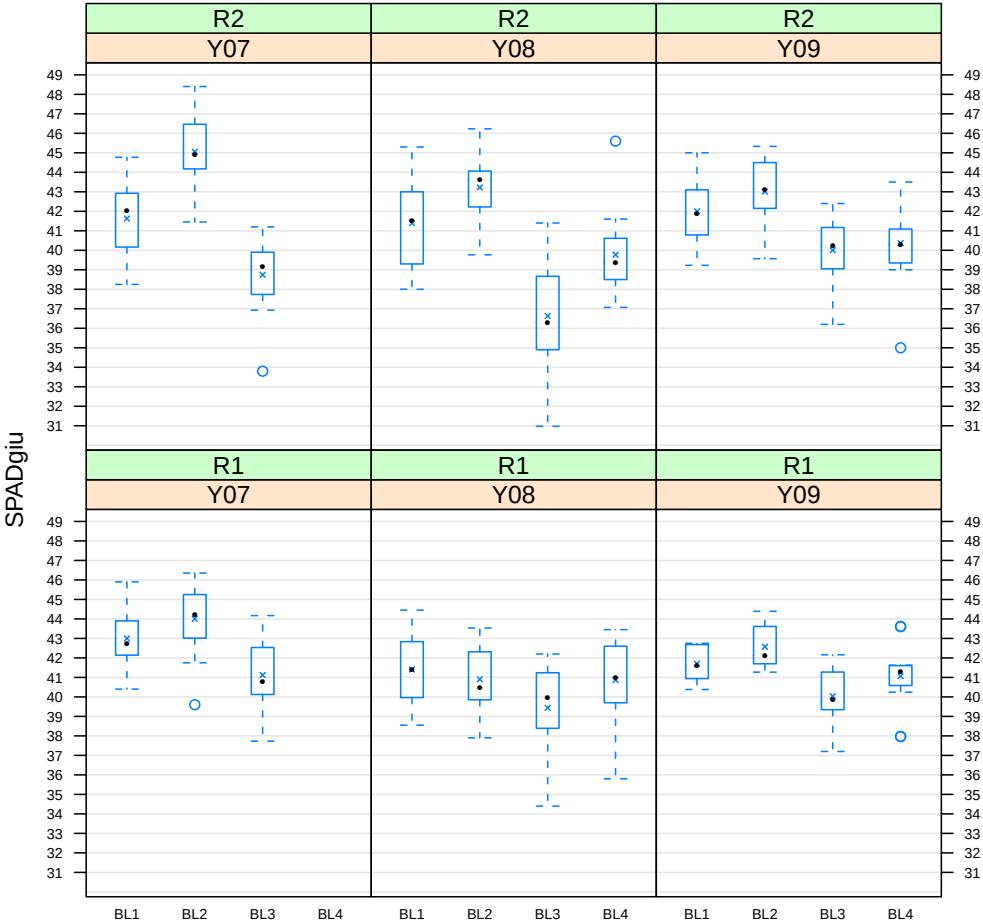


Figura 2.8: Boxplot per Blocco dell'Indice SPAD (giugno)

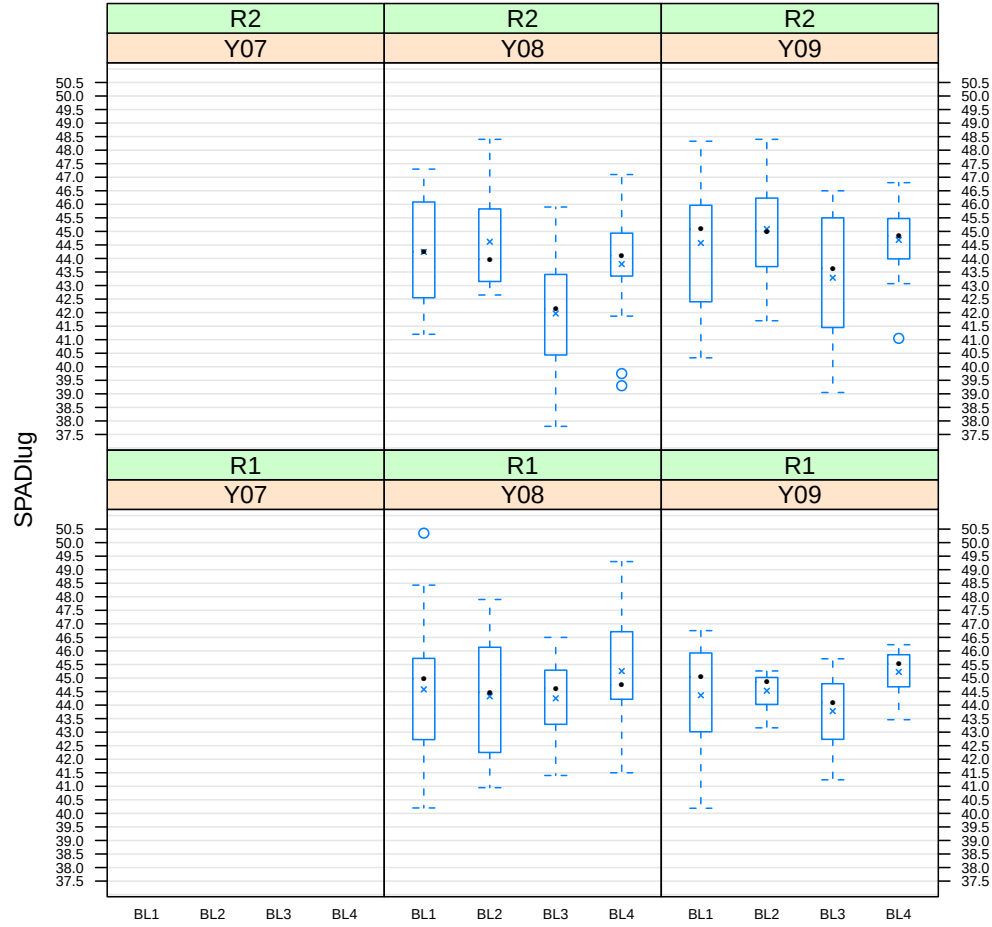


Figura 2.9: Boxplot per Blocco dell'Indice SPAD (luglio)

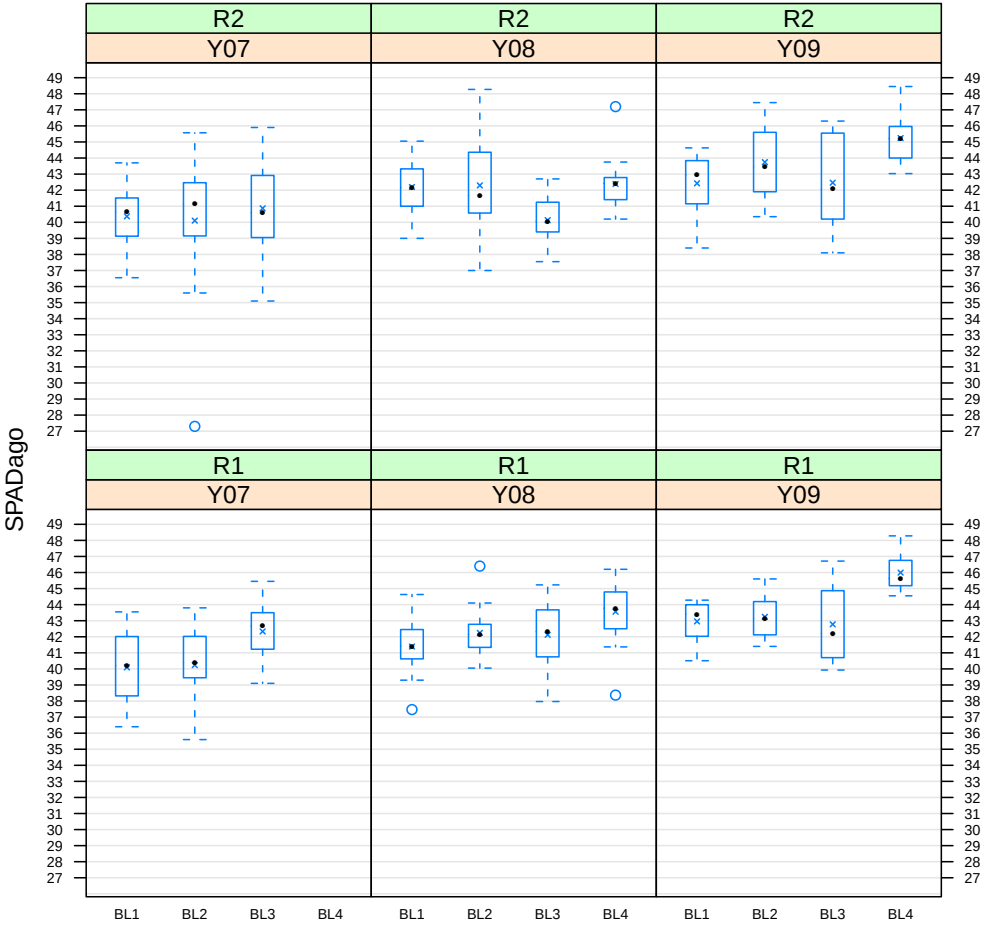


Figura 2.10: Boxplot per Blocco dell'Indice SPAD (agosto)

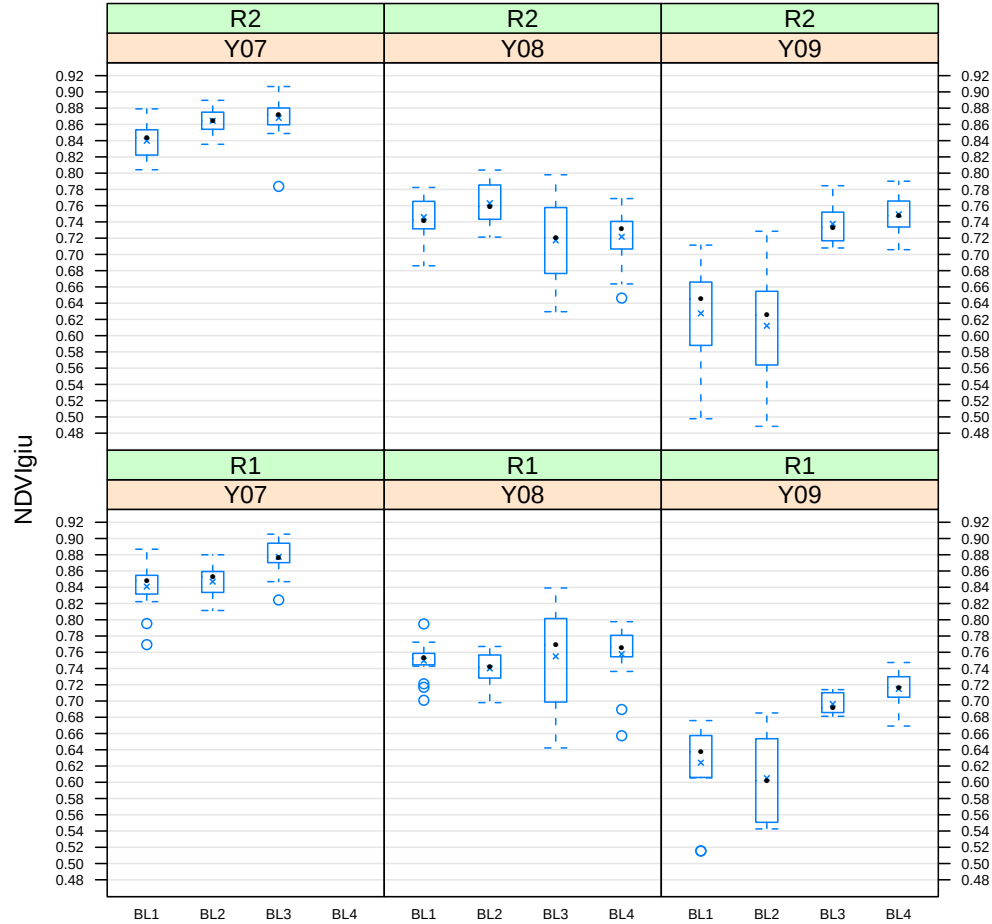


Figura 2.11: Boxplot per Blocco dell'Indice NDVI (giugno)

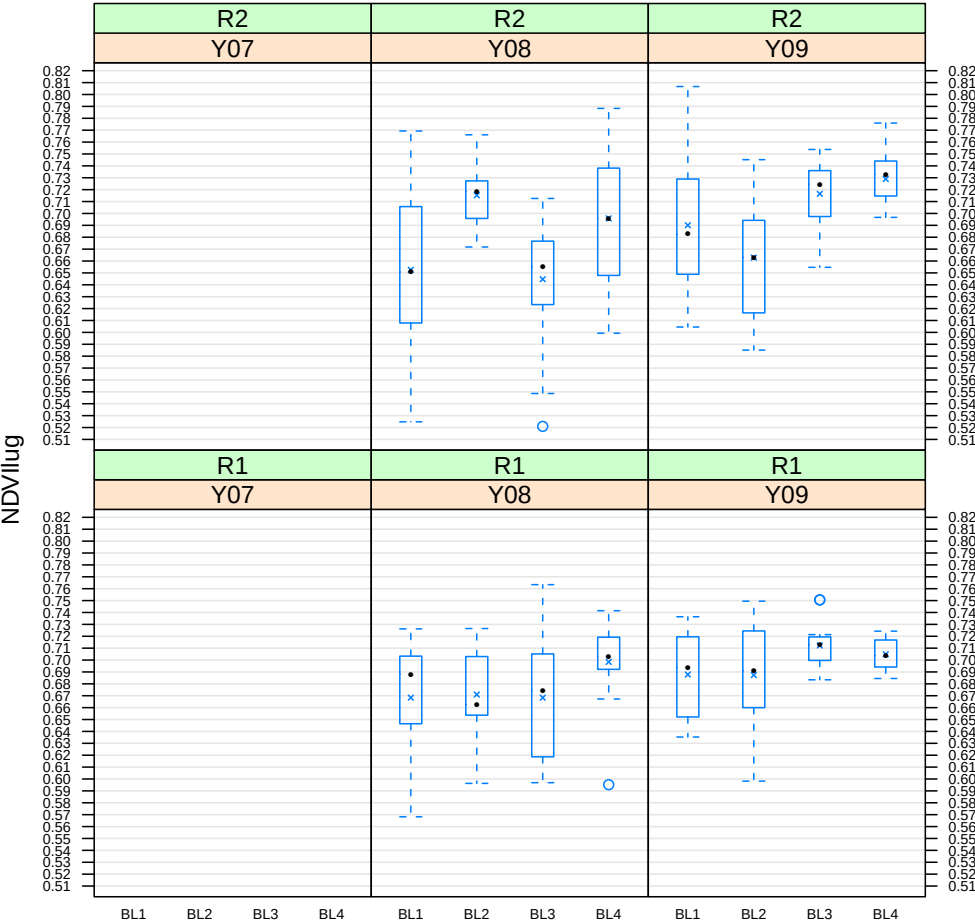


Figura 2.12: Boxplot per Blocco dell'Indice NDVI (luglio)

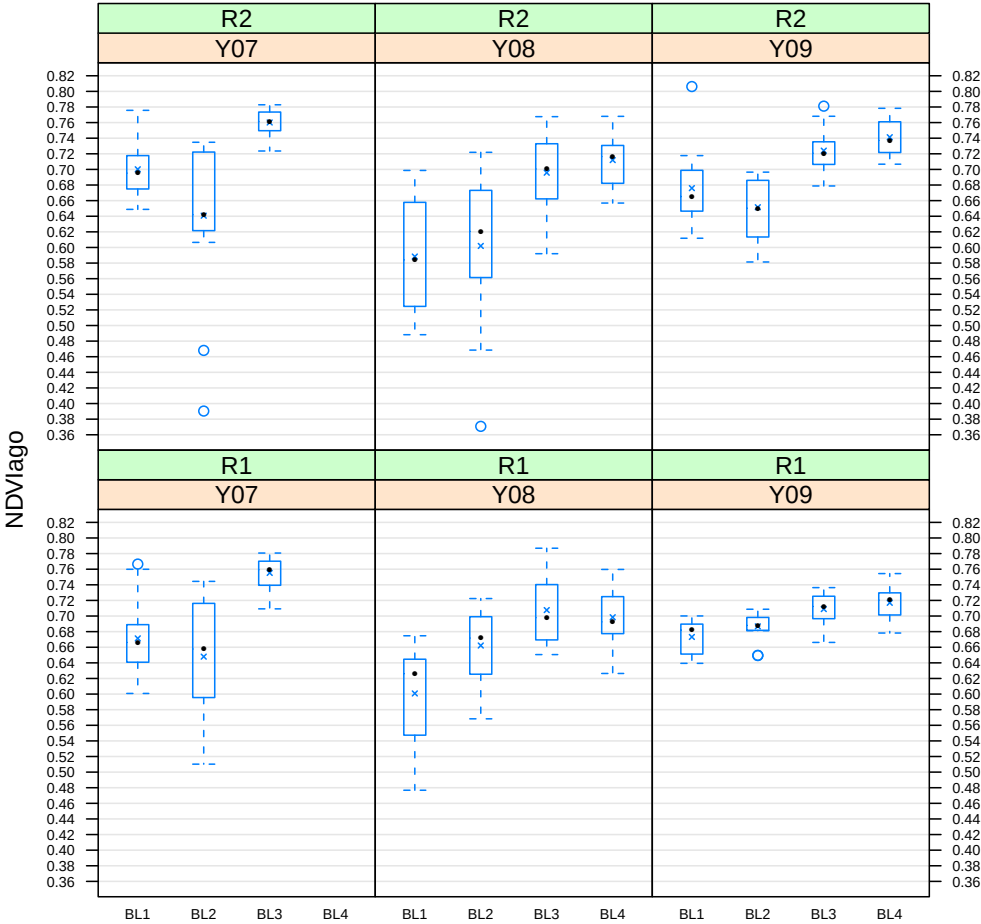


Figura 2.13: Boxplot per Blocco dell'Indice NDVI (agosto)

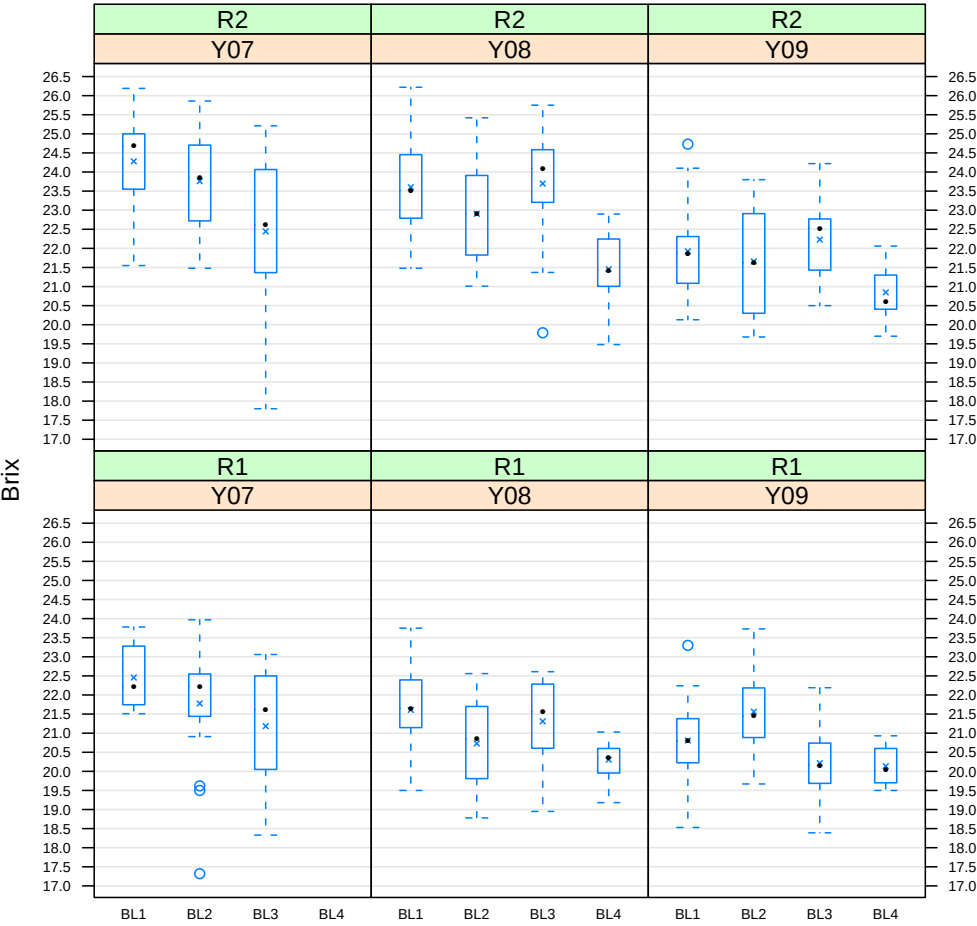


Figura 2.14: Boxplot per Blocco del Brix

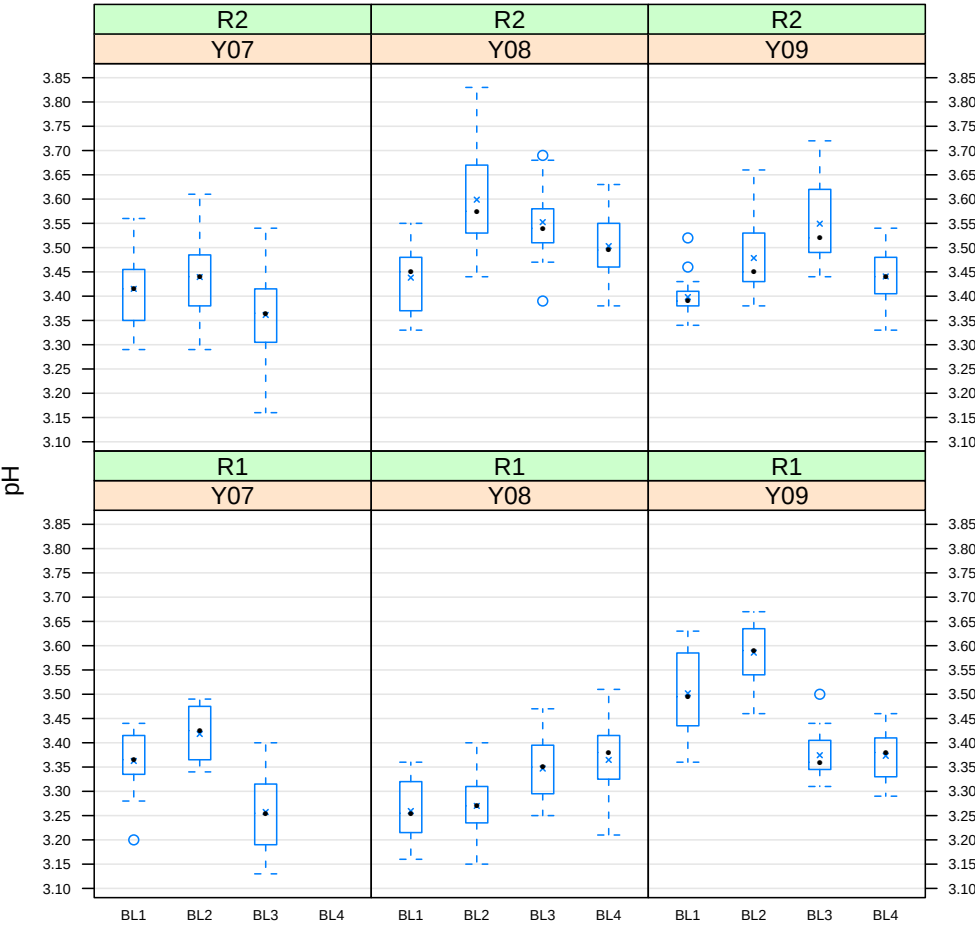


Figura 2.15: Boxplot per Blocco del pH

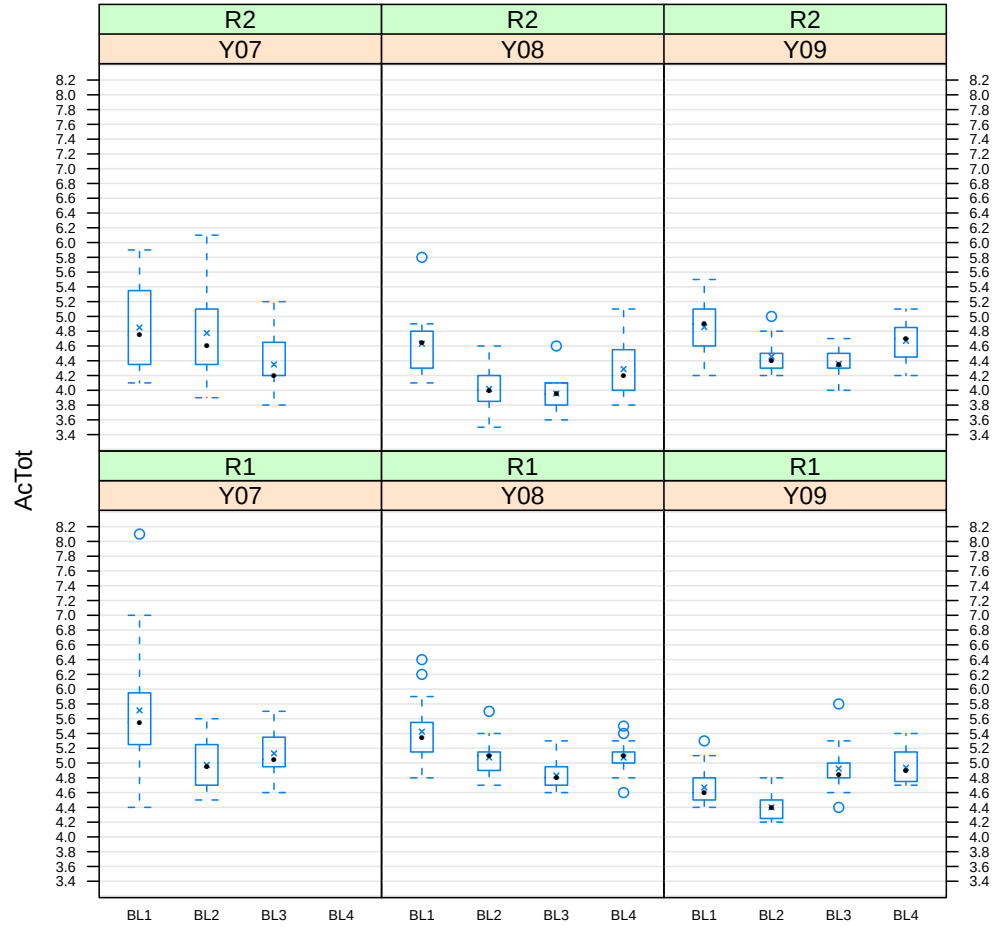


Figura 2.16: Boxplot per Blocco dell'Acidità totale

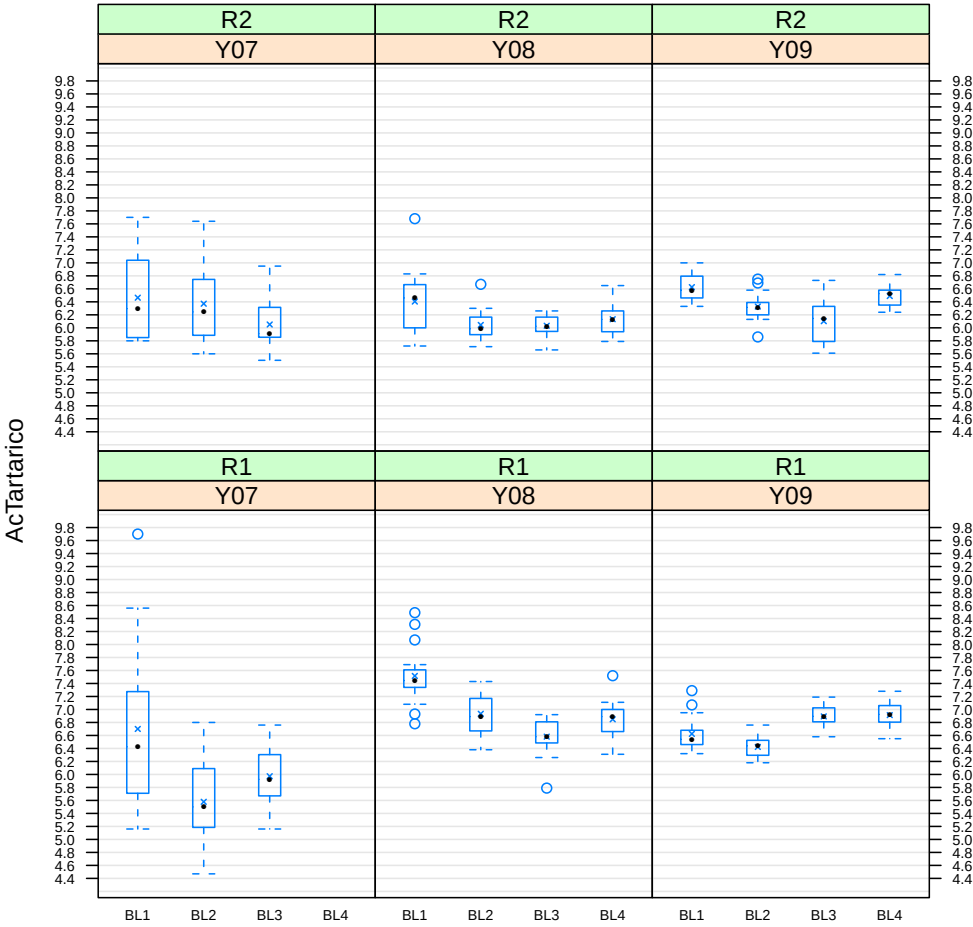


Figura 2.17: Boxplot per Blocco dell'Acido tartarico

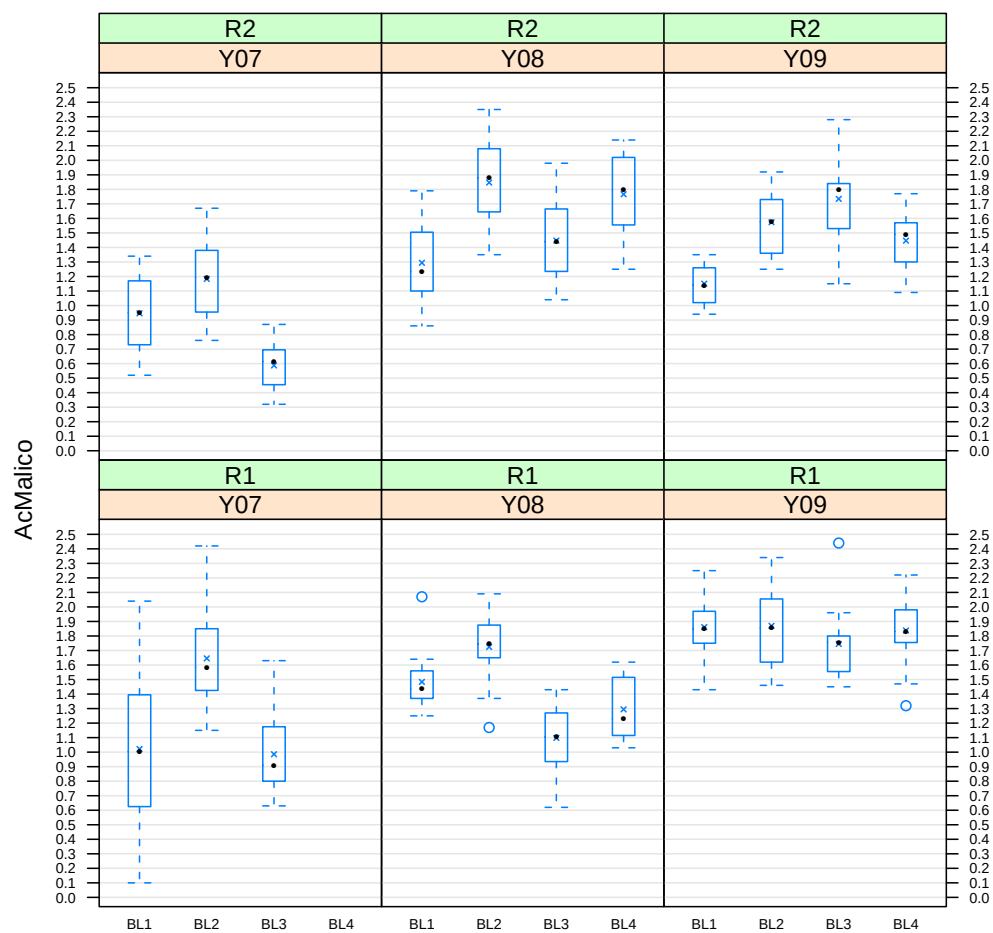


Figura 2.18: Boxplot per Blocco dell'Acido Malico

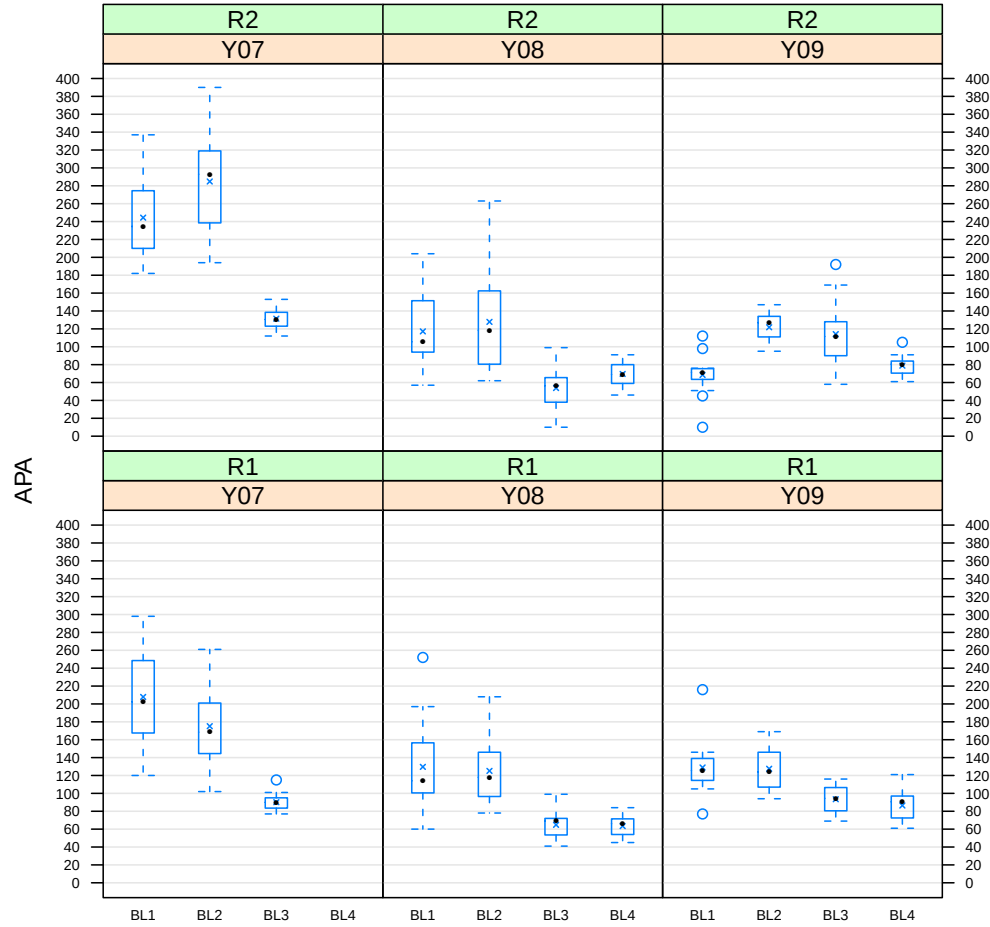


Figura 2.19: Boxplot per Blocco dell'Azoto prontamente assimilabile

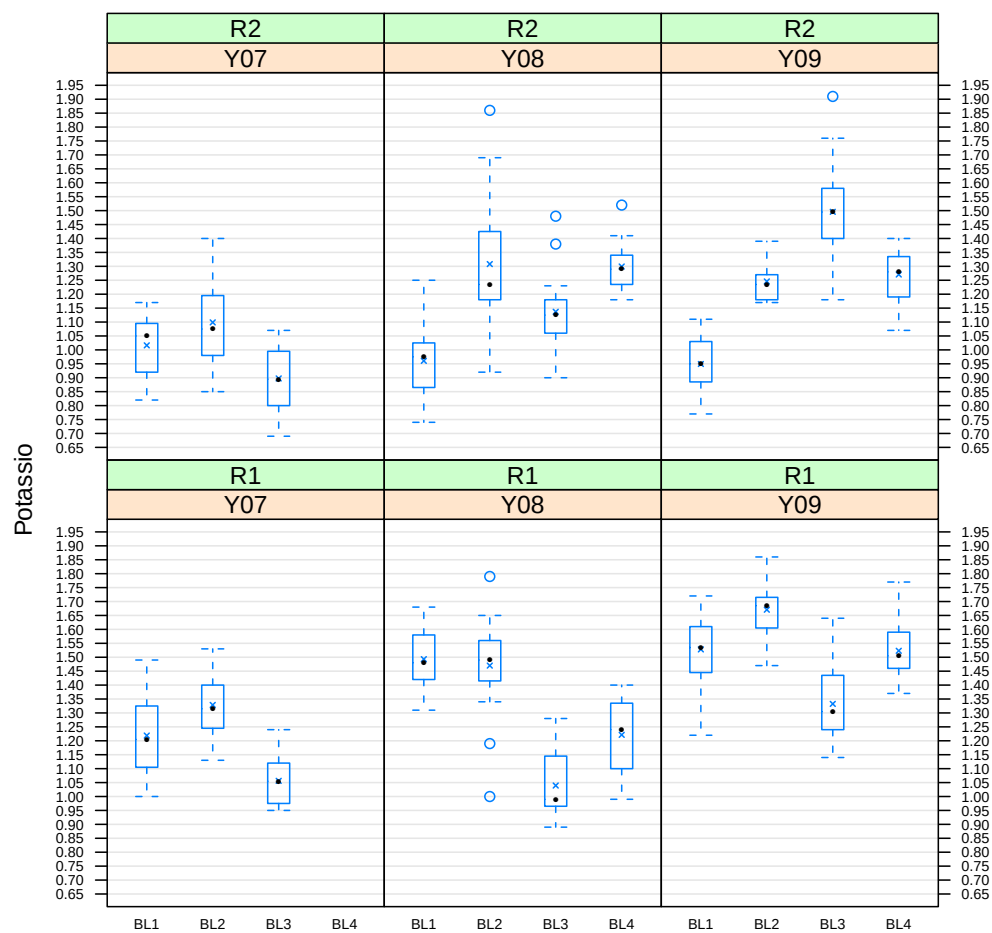


Figura 2.20: Boxplot per Blocco del Potassio

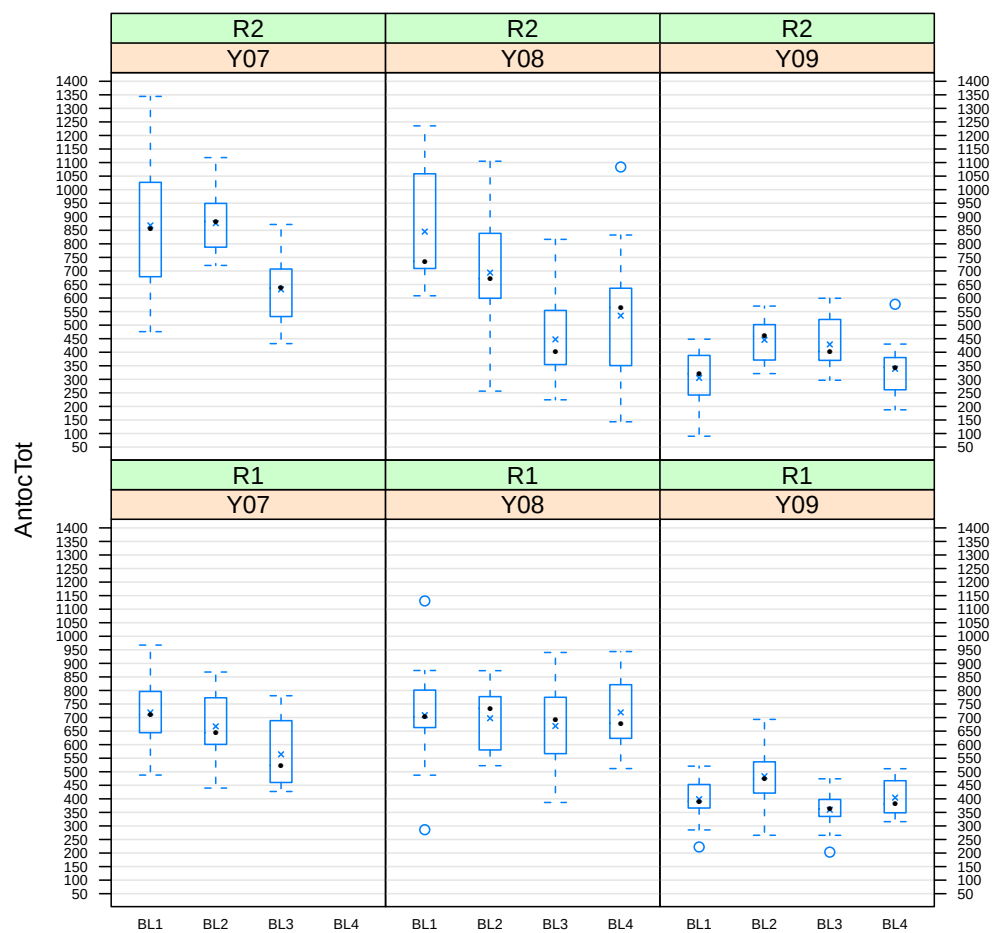


Figura 2.21: Boxplot per Blocco degli Antociani totali

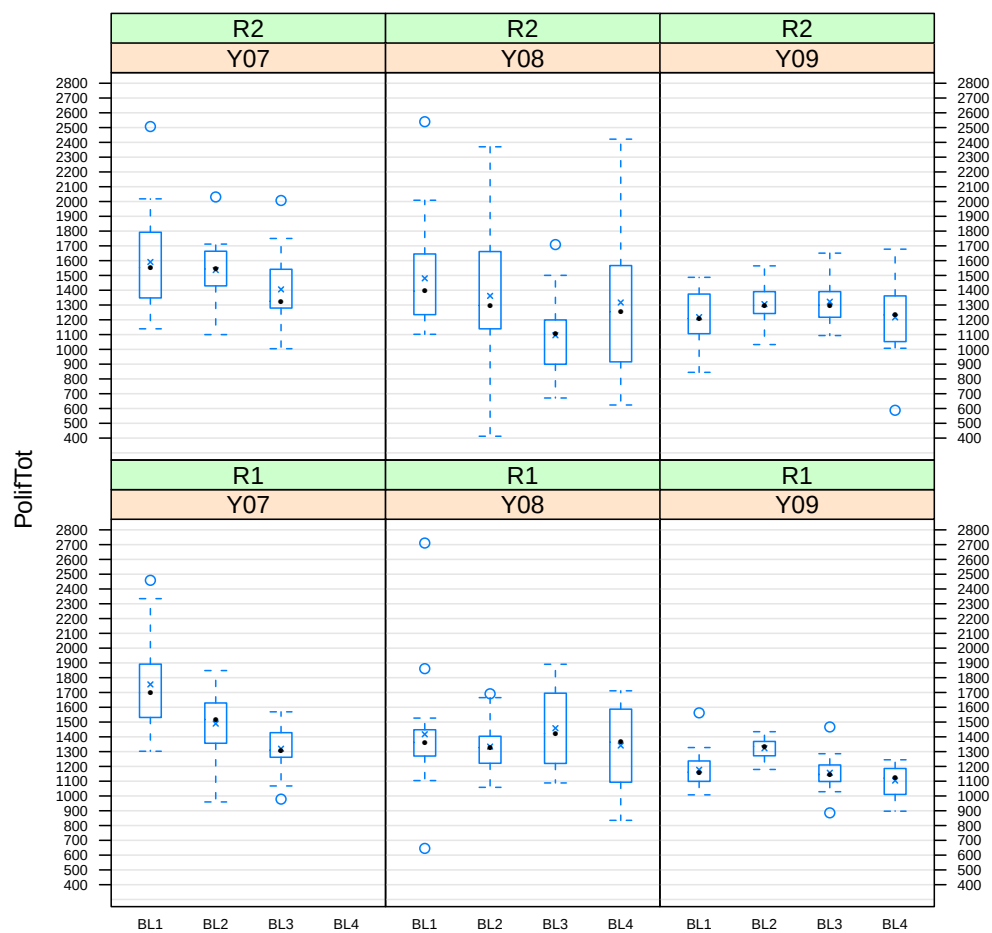


Figura 2.22: Boxplot per Blocco dei Polifenoli totali

2.2.2 Boxplot per Tesi entro Blocco

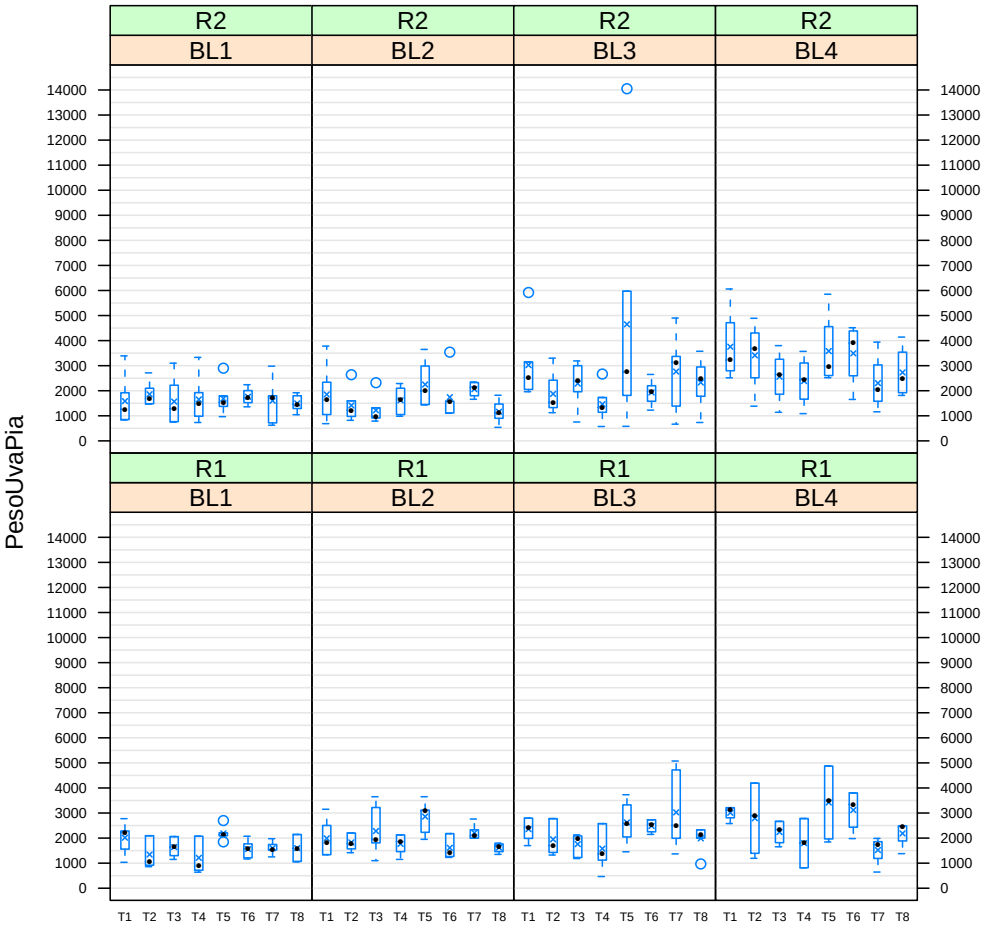


Figura 2.23: Boxplot per Tesi entro Blocco del Peso medio dell’uva per pianta

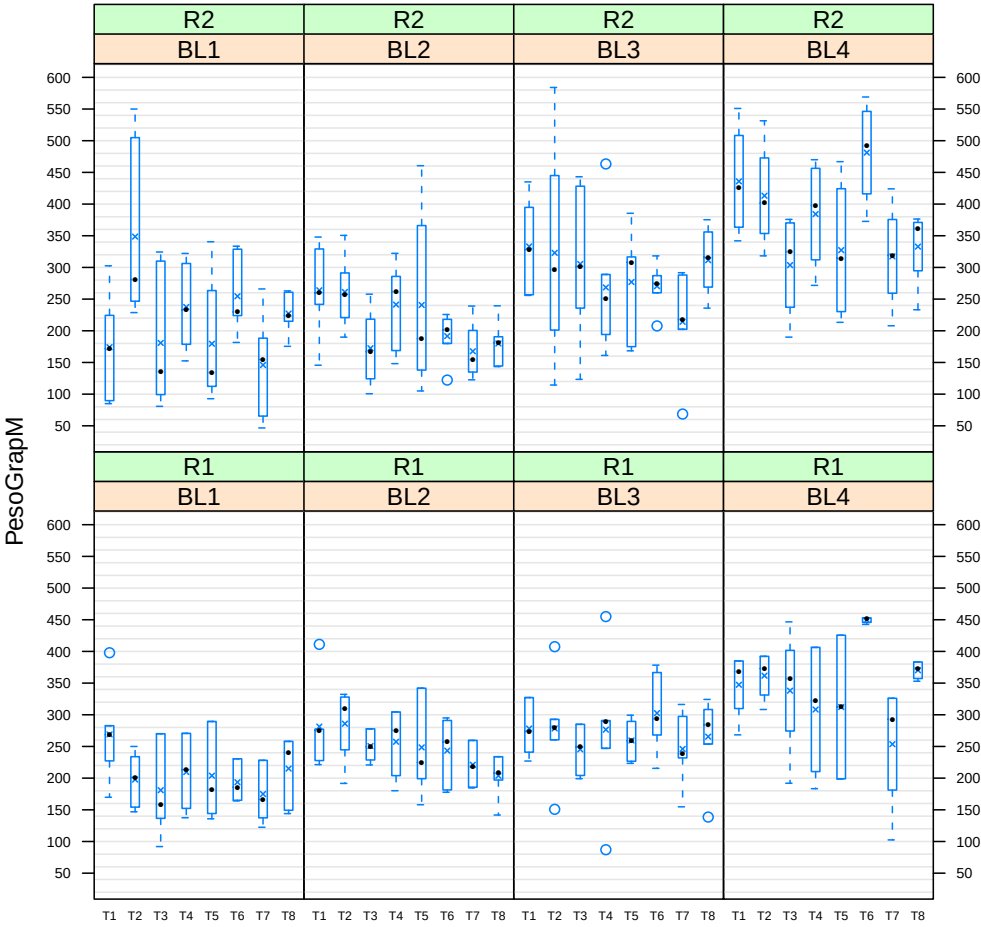


Figura 2.24: Boxplot per Tesi entro Blocco del Peso medio del grappolo

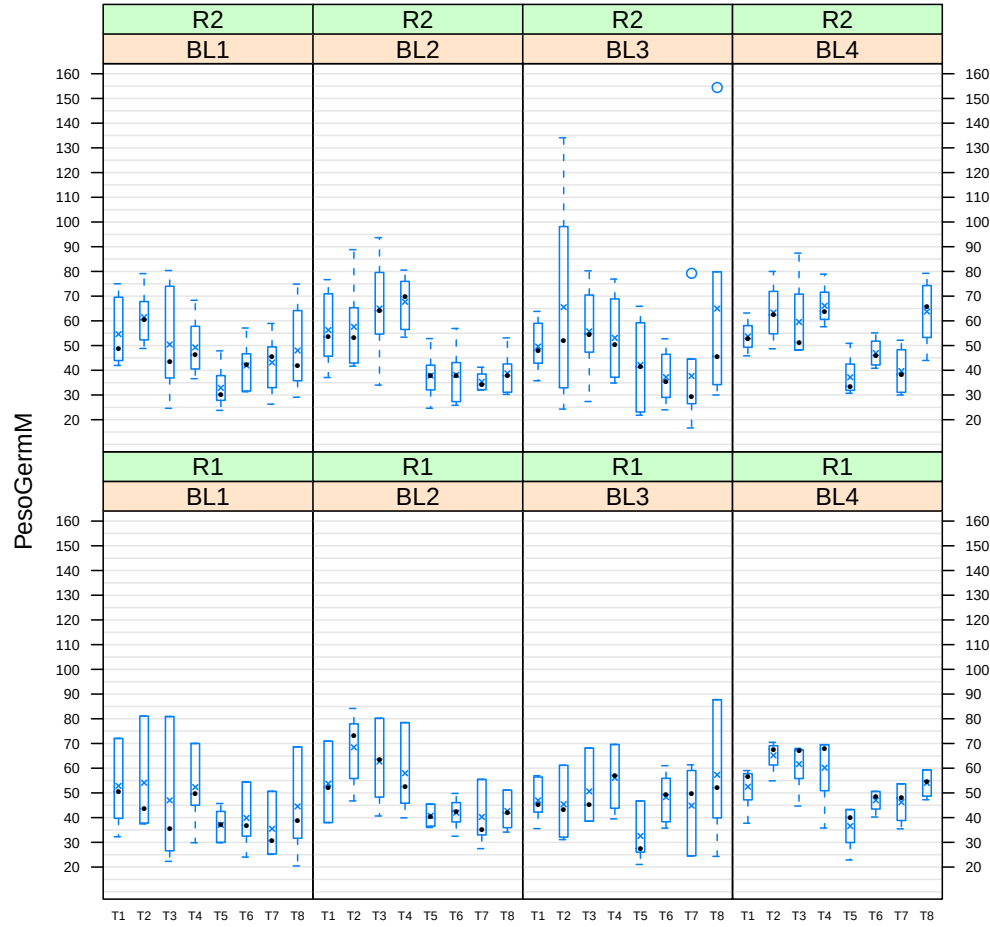


Figura 2.25: Boxplot per Tesi entro Blocco del Peso medio del germoglio

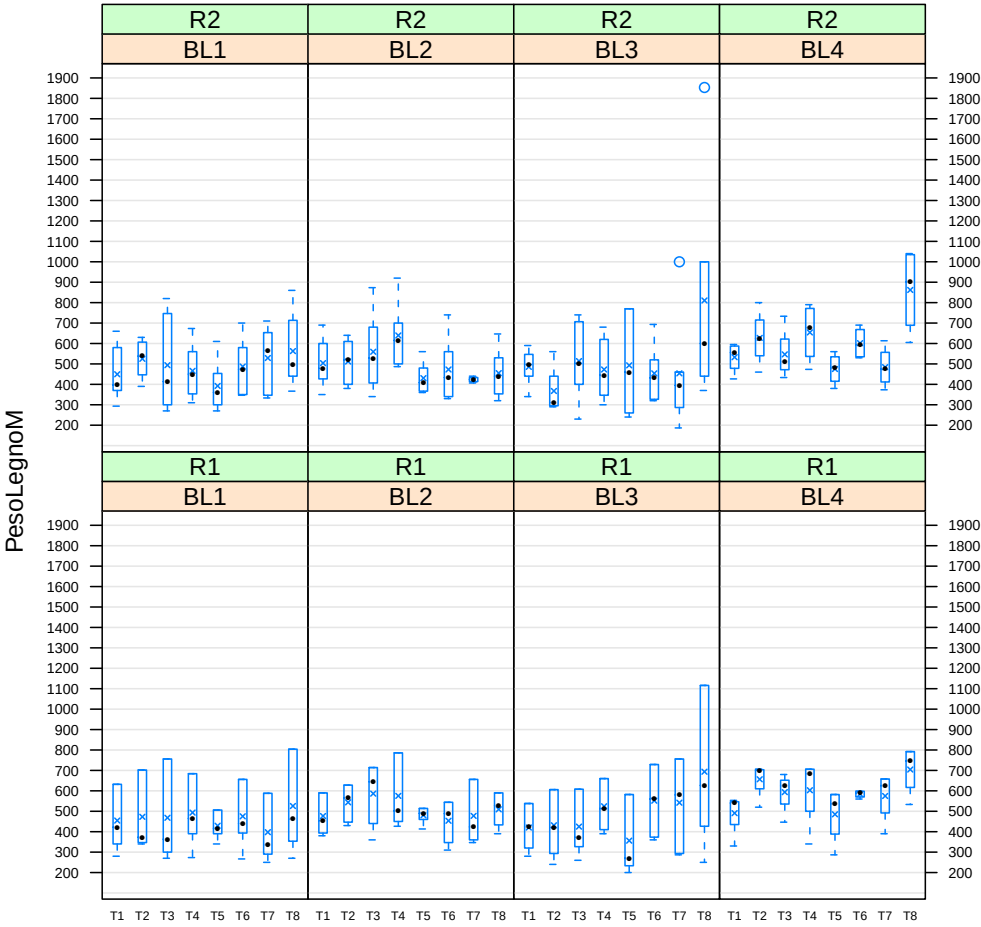


Figura 2.26: Boxplot per Tesi entro Blocco del Peso medio del legno

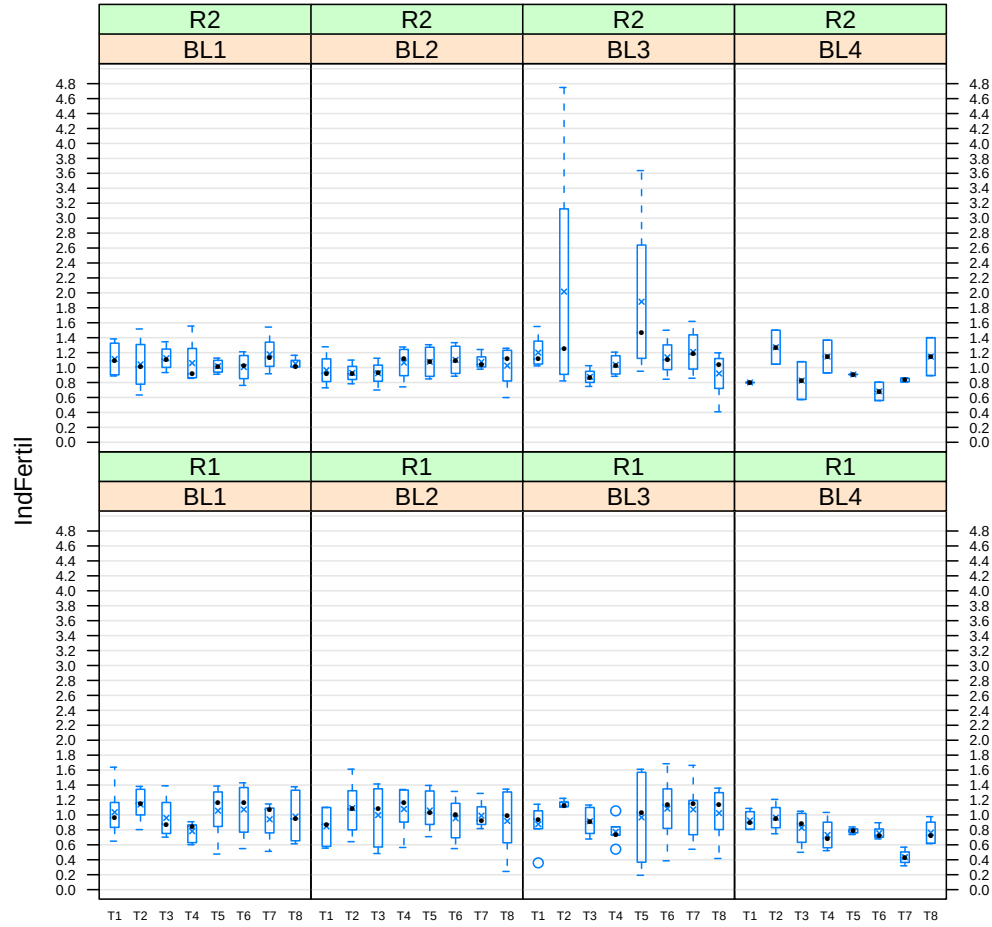


Figura 2.27: Boxplot per Tesi entro Blocco dell'Indice di Fertilità

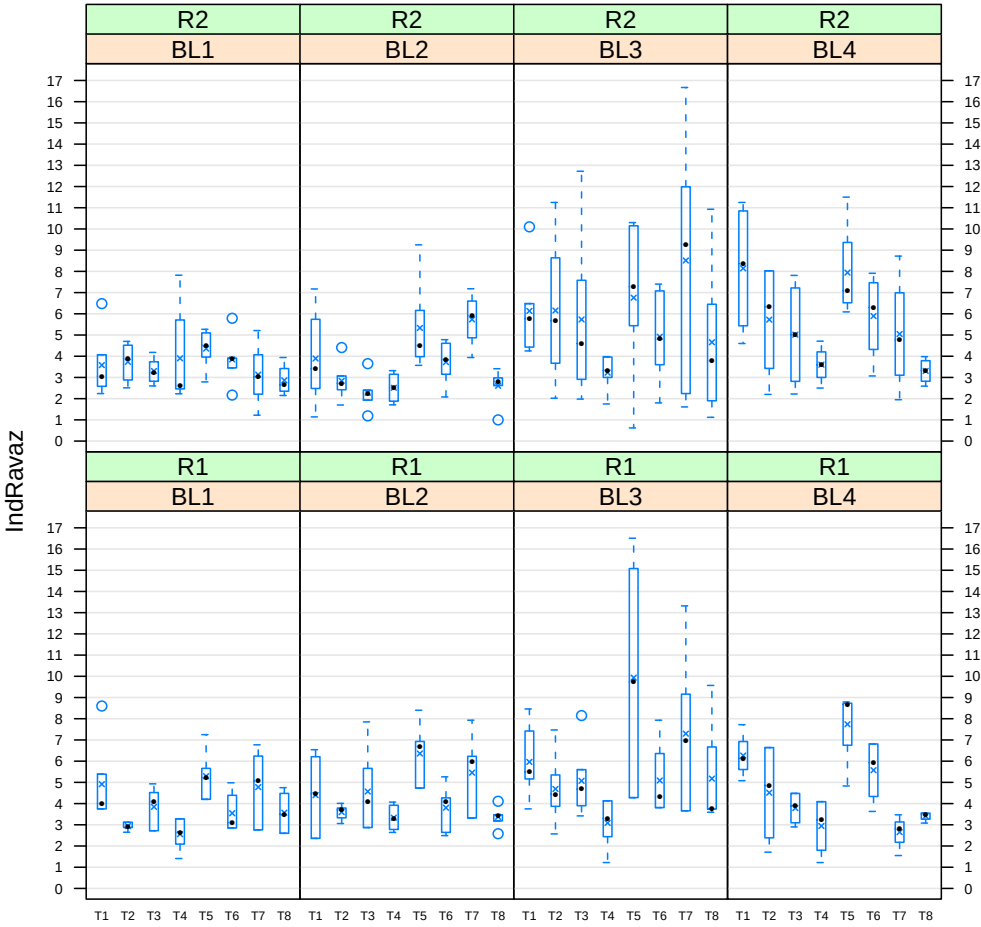


Figura 2.28: Boxplot per Tesi entro Blocco dell'Indice di Ravaz

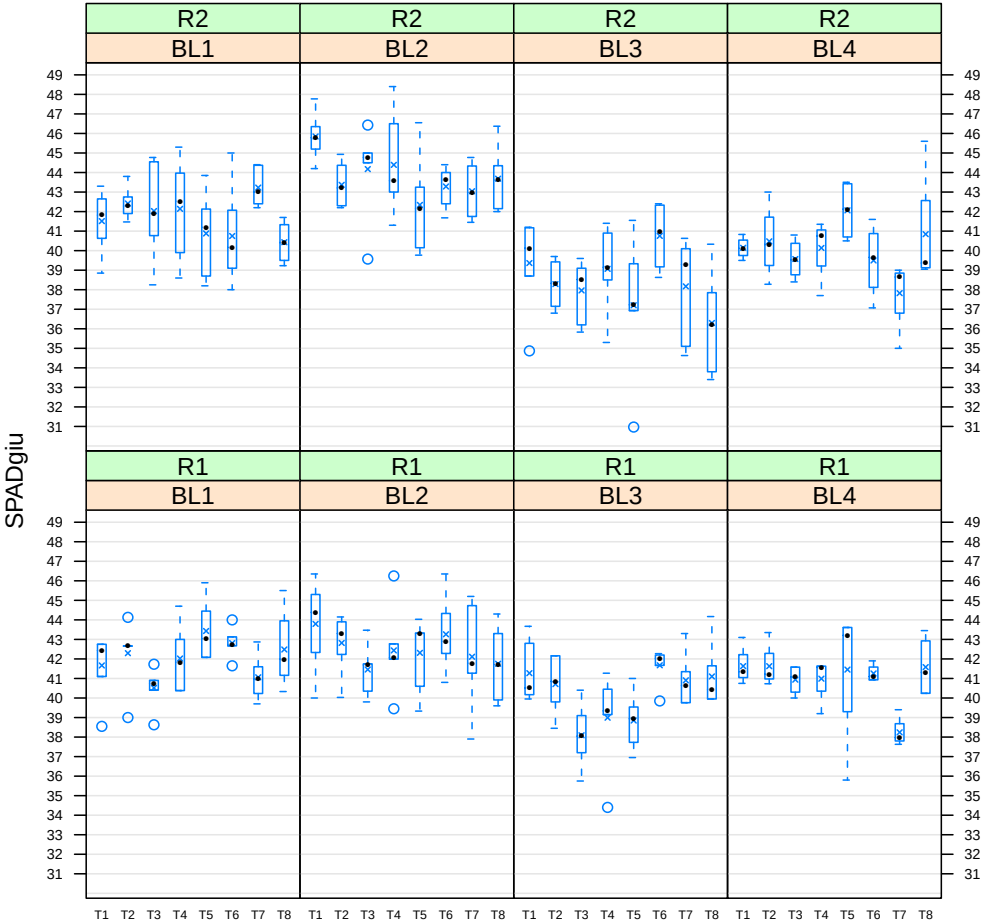


Figura 2.29: Boxplot per Tesi entro Blocco dell'Indice SPAD (giugno)

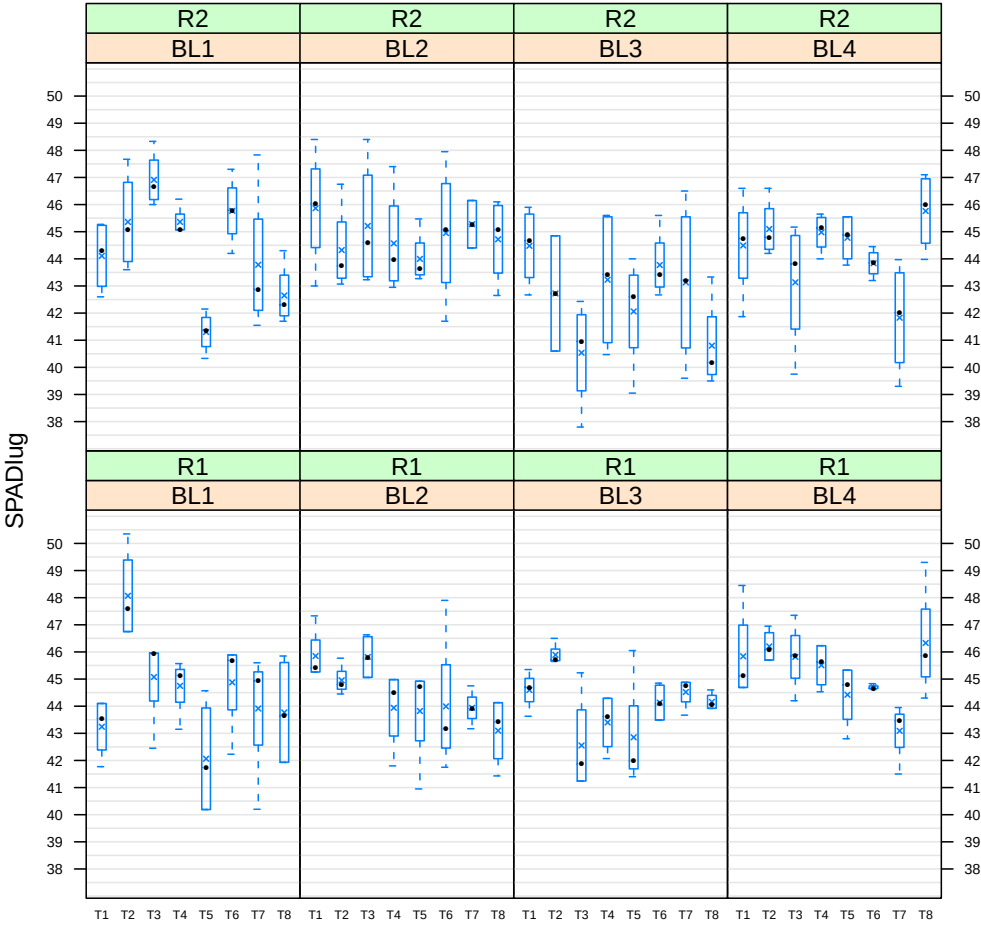


Figura 2.30: Boxplot per Tesi entro Blocco dell'Indice SPAD (luglio)

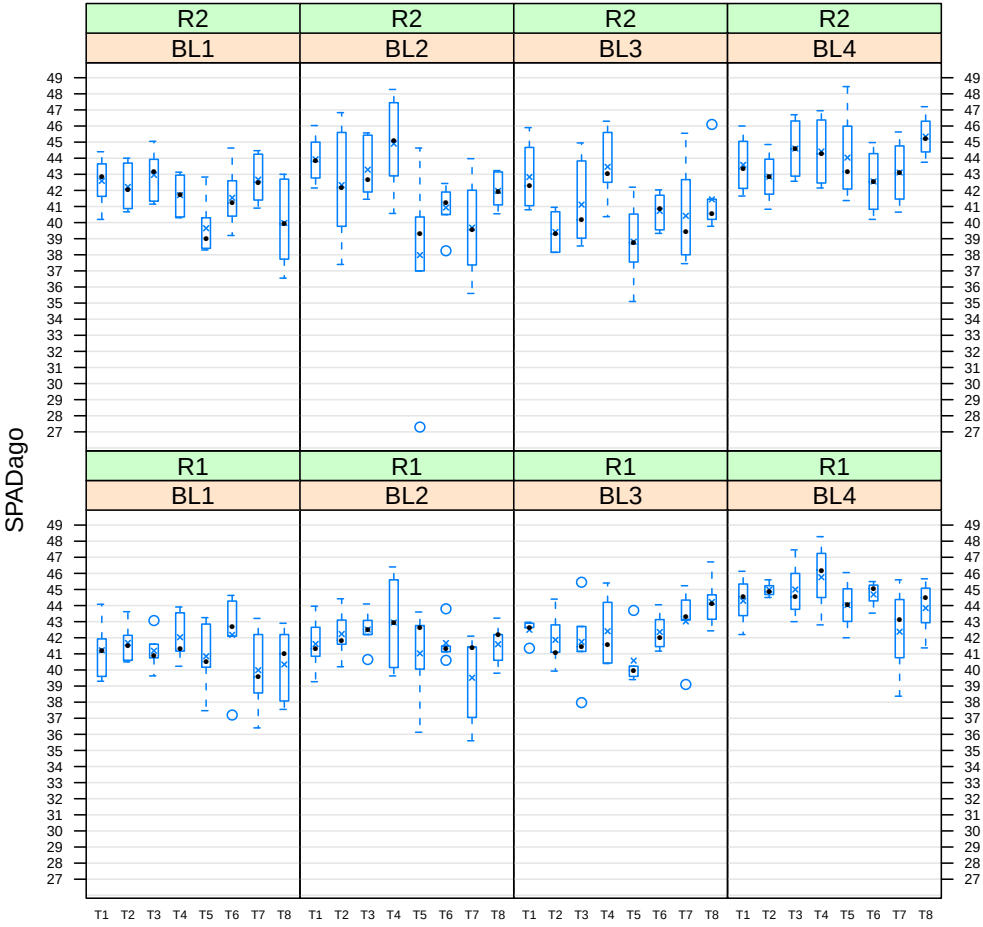


Figura 2.31: Boxplot per Tesi entro Blocco dell'Indice SPAD (agosto)

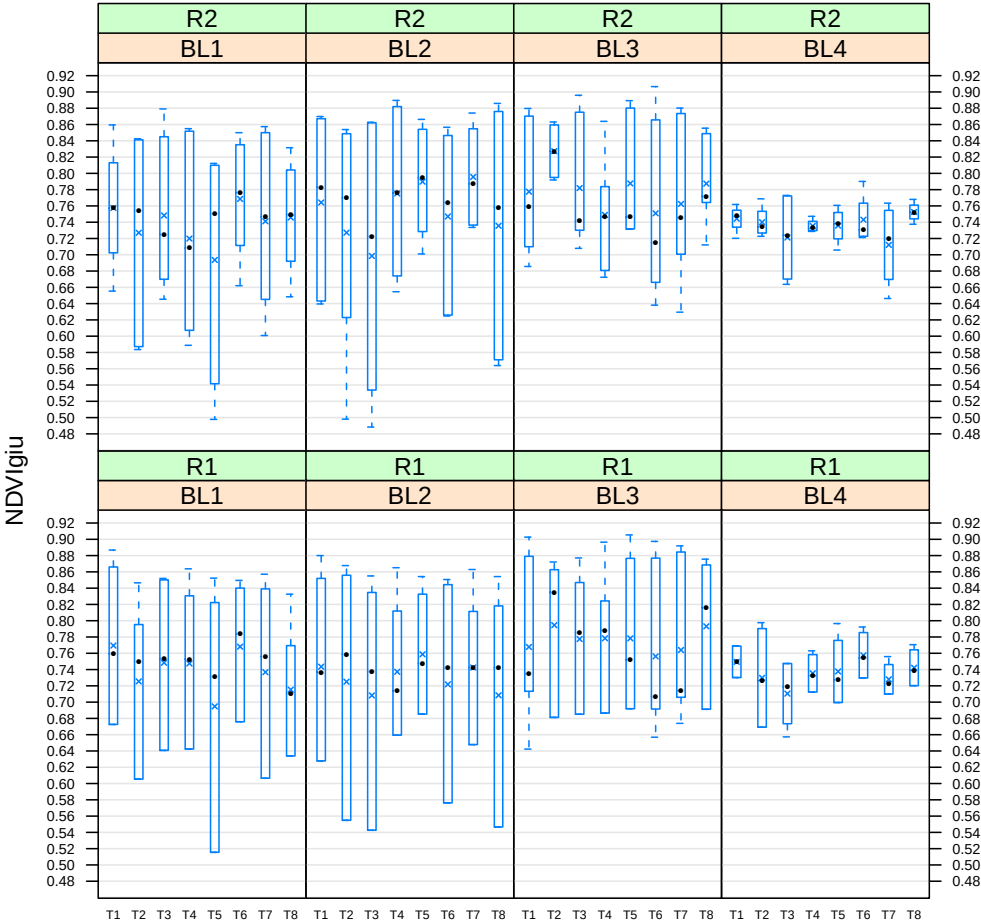


Figura 2.32: Boxplot per Tesi entro Blocco dell'Indice NDVI (giugno)

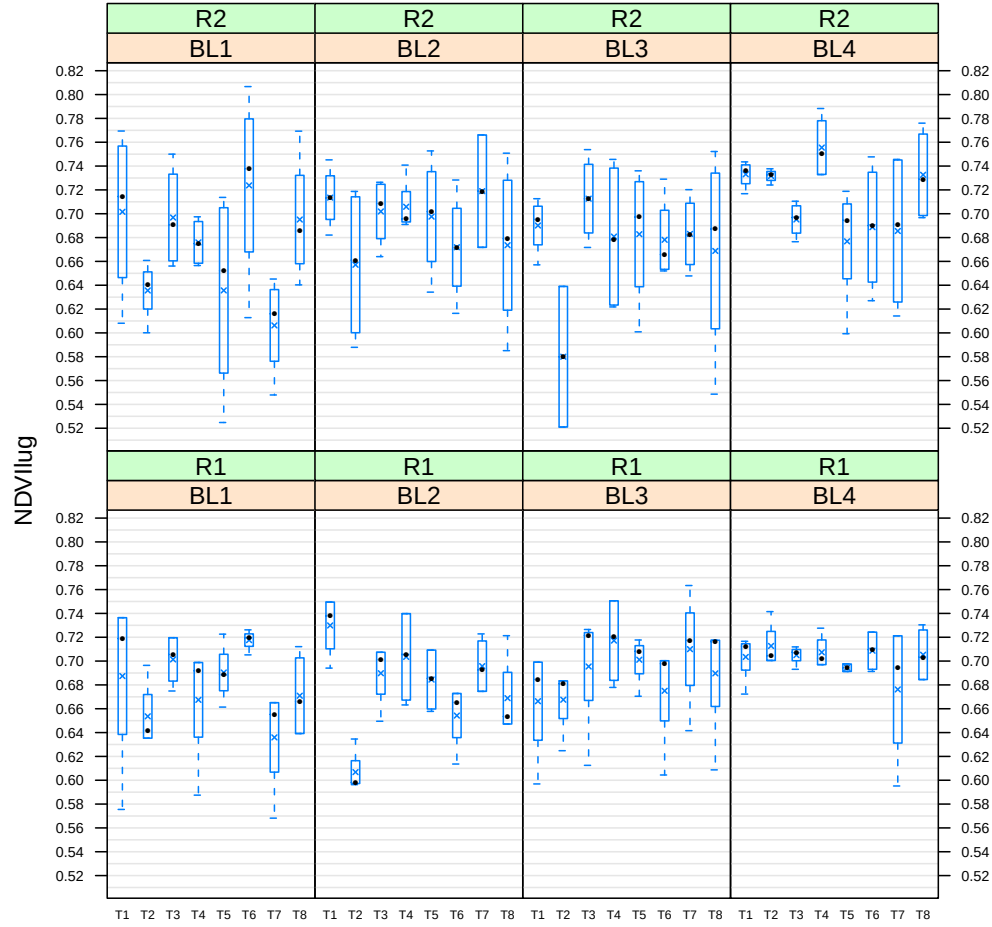


Figura 2.33: Boxplot per Tesi entro Blocco dell'Indice NDVI (luglio)

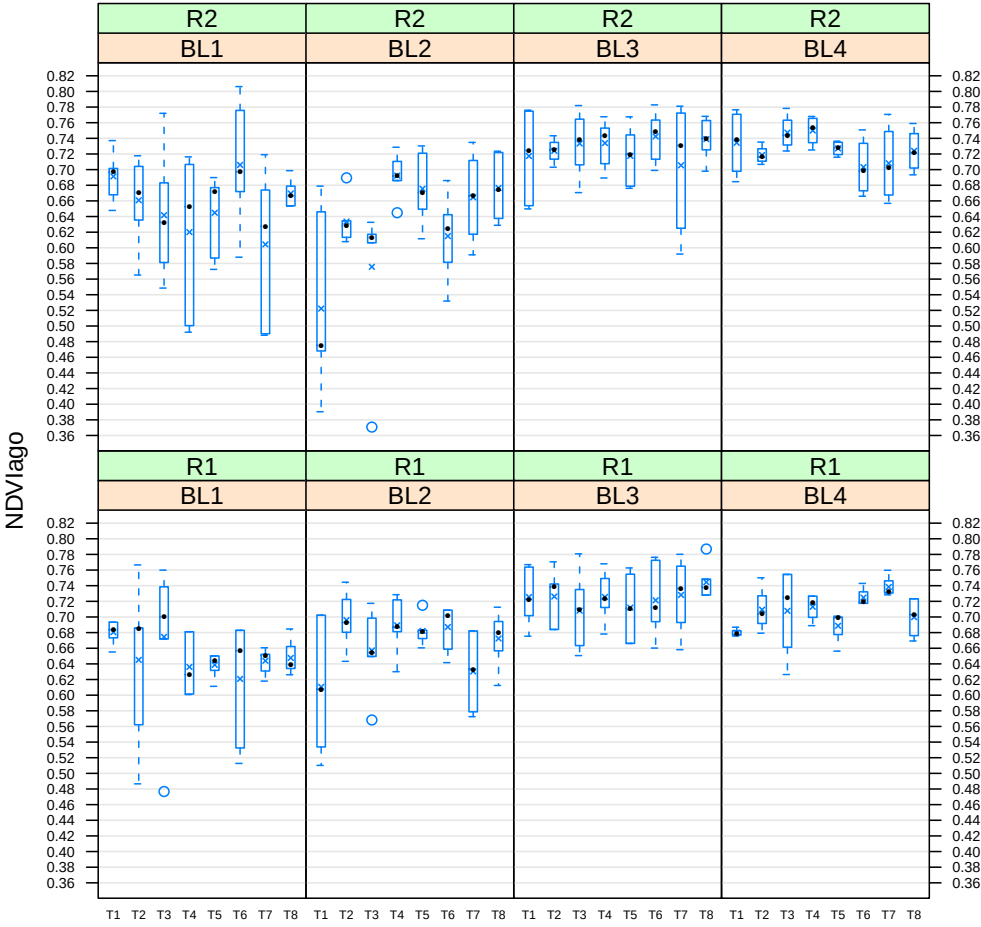


Figura 2.34: Boxplot per Tesi entro Blocco dell'Indice NDVI (agosto)

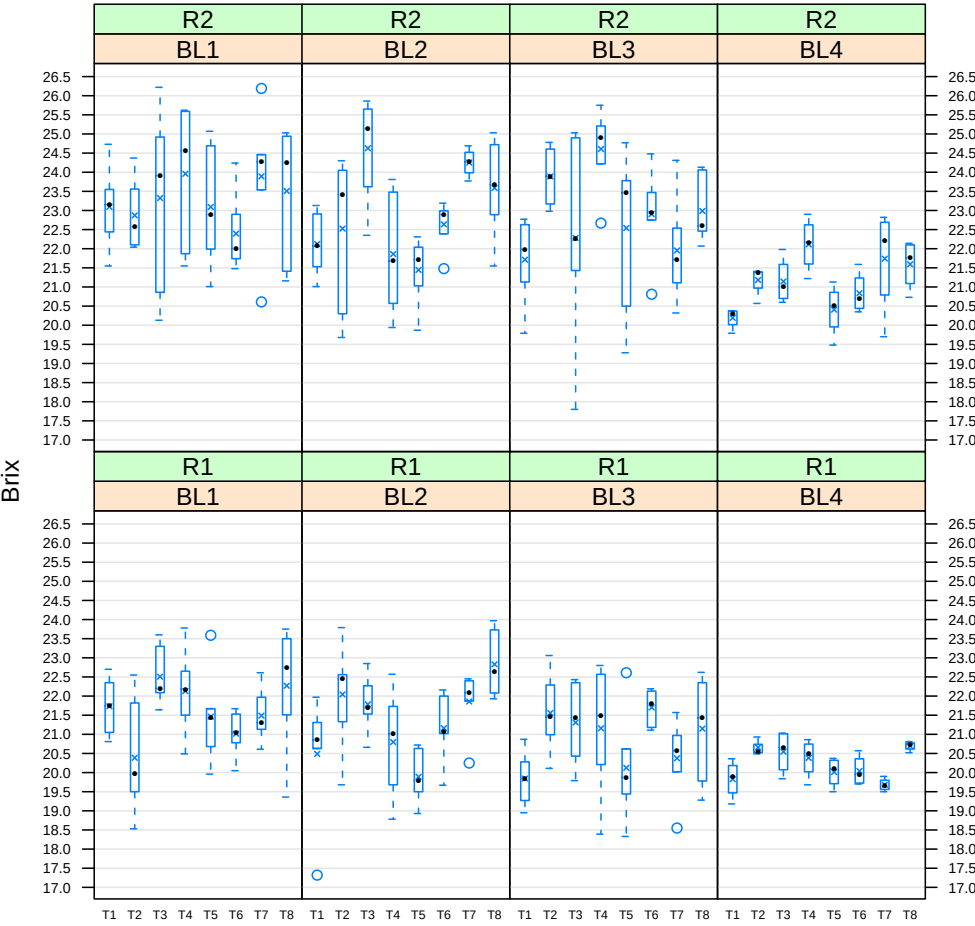


Figura 2.35: Boxplot per Tesi entro Blocco del Brix

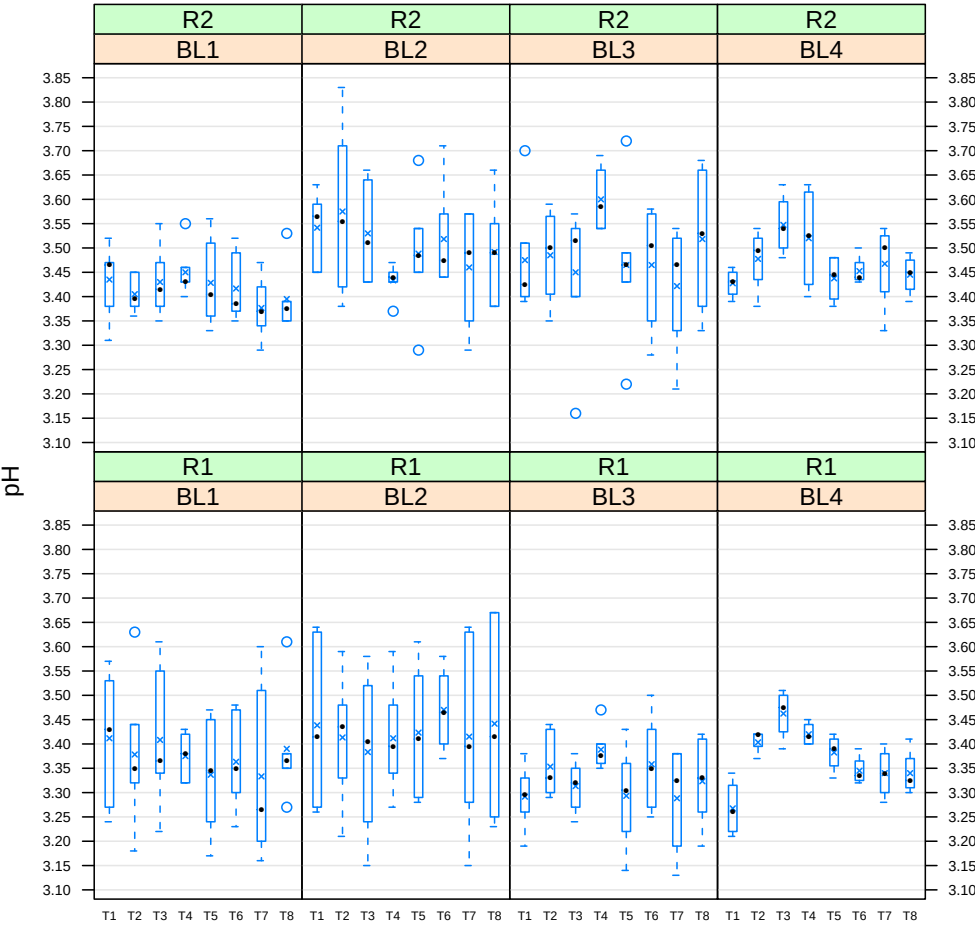


Figura 2.36: Boxplot per Tesi entro Blocco del pH

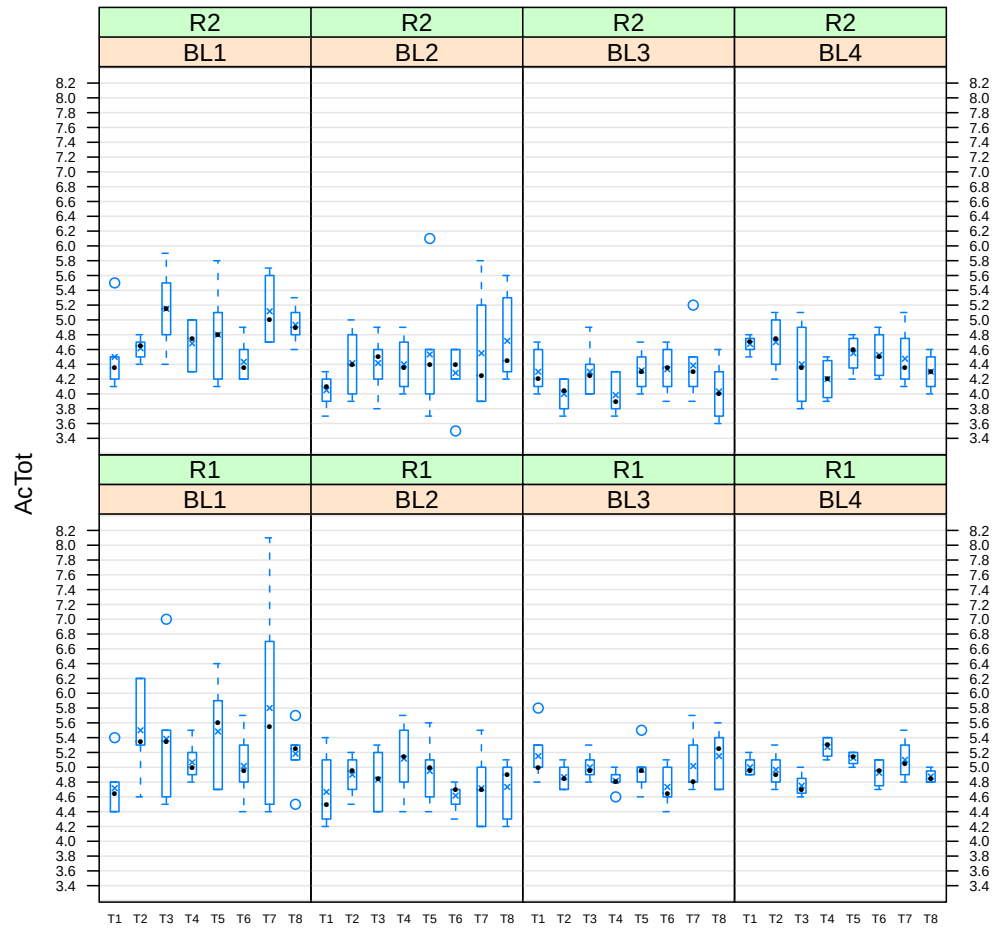


Figura 2.37: Boxplot per Tesi entro Blocco dell'Acidità totale

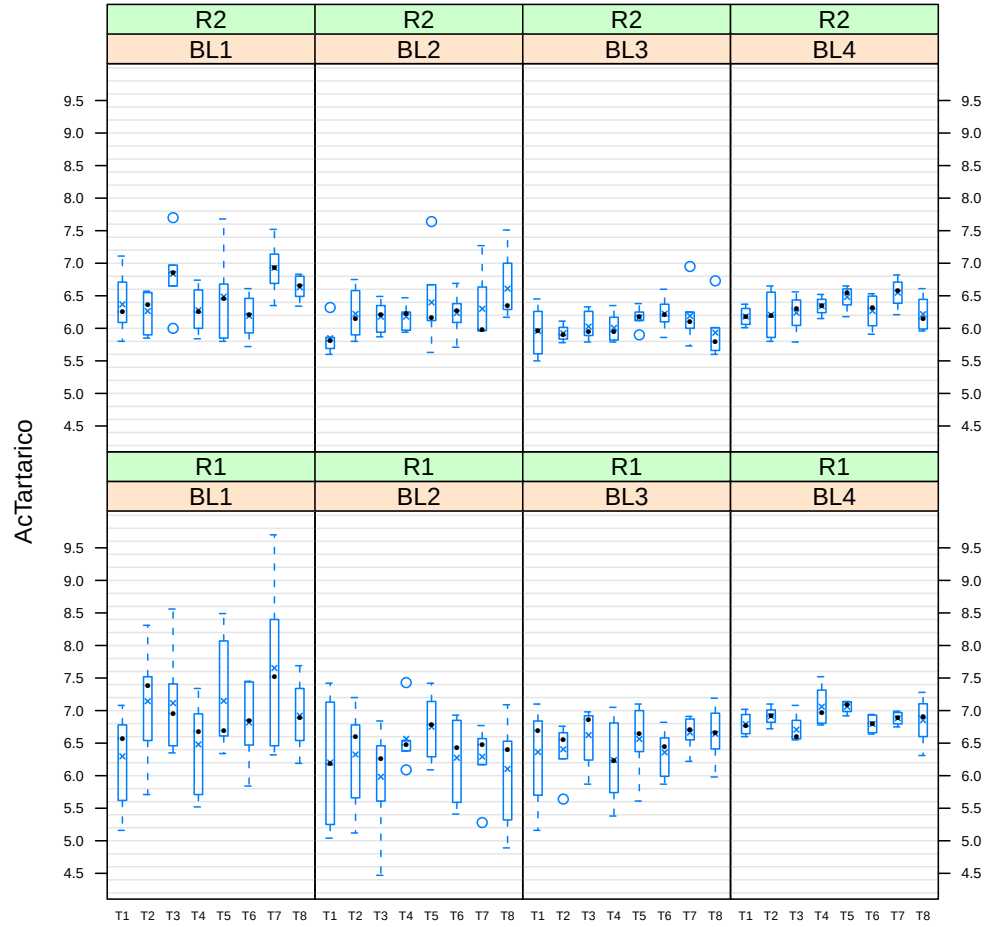


Figura 2.38: Boxplot per Tesi entro Blocco dell'Acido tartarico

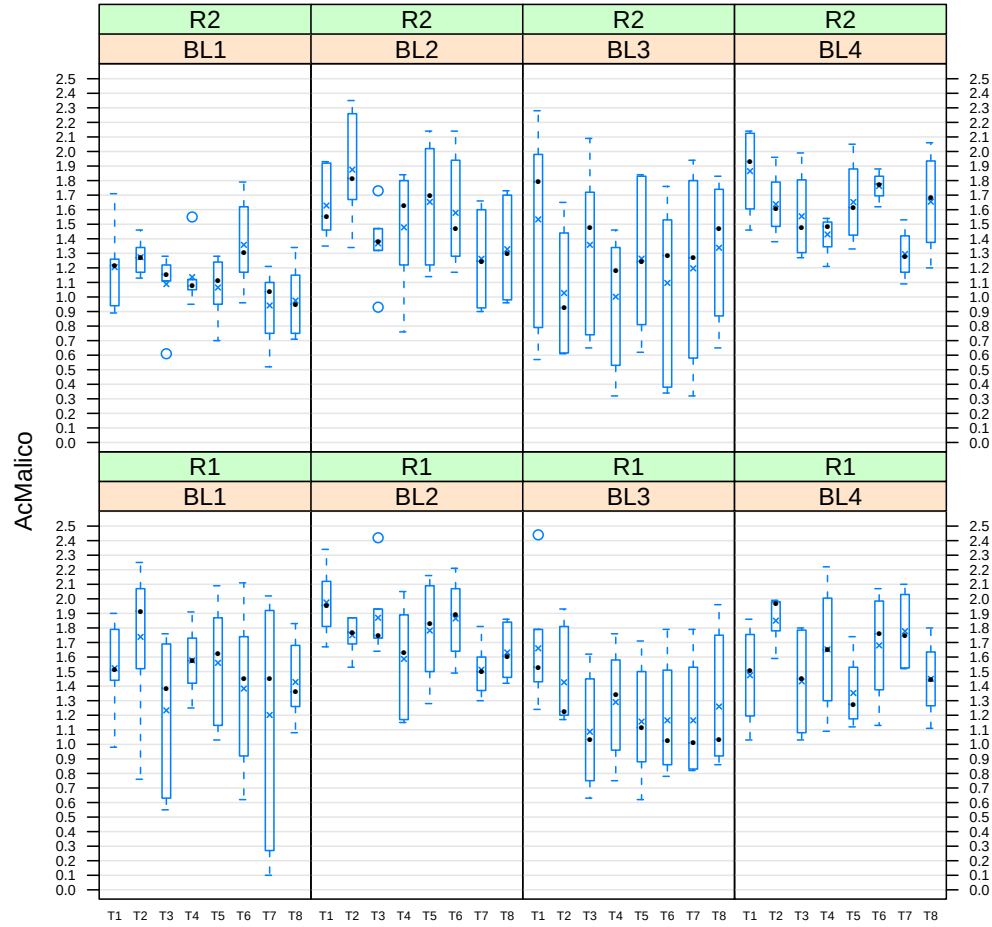


Figura 2.39: Boxplot per Tesi entro Blocco dell'Acido Malico

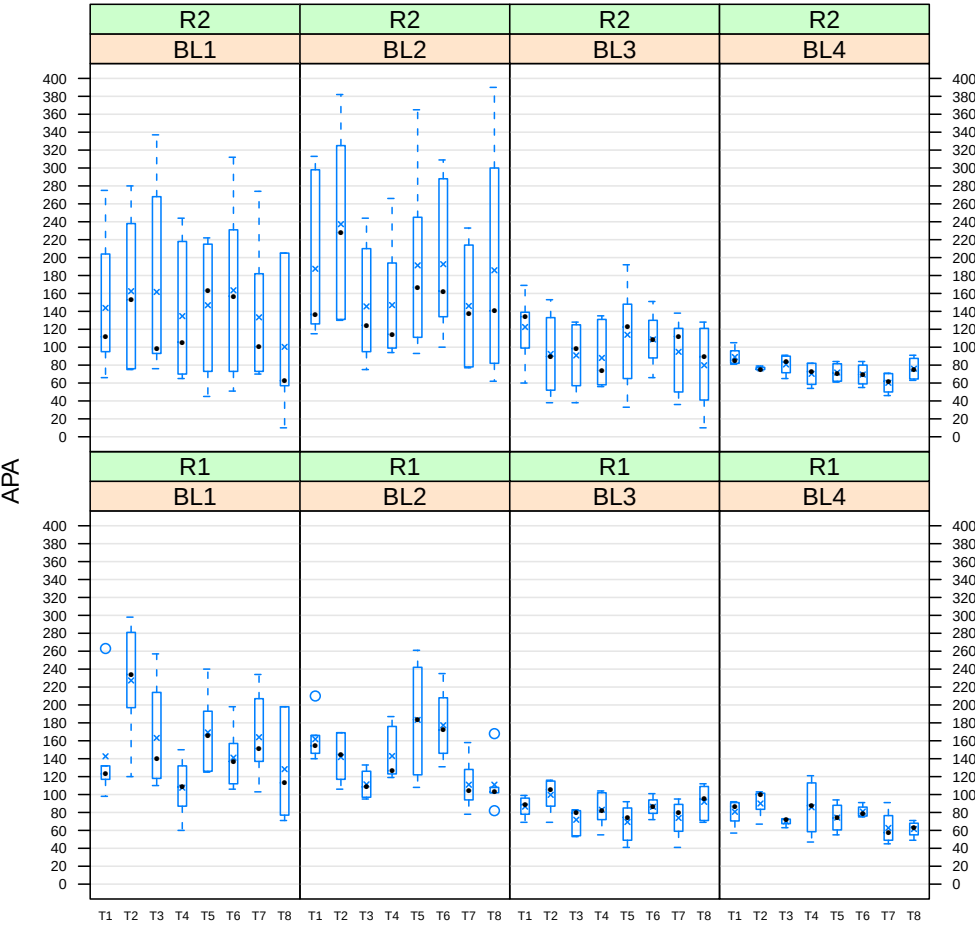


Figura 2.40: Boxplot per Tesi entro Blocco dell'Azoto prontamente assimilabile

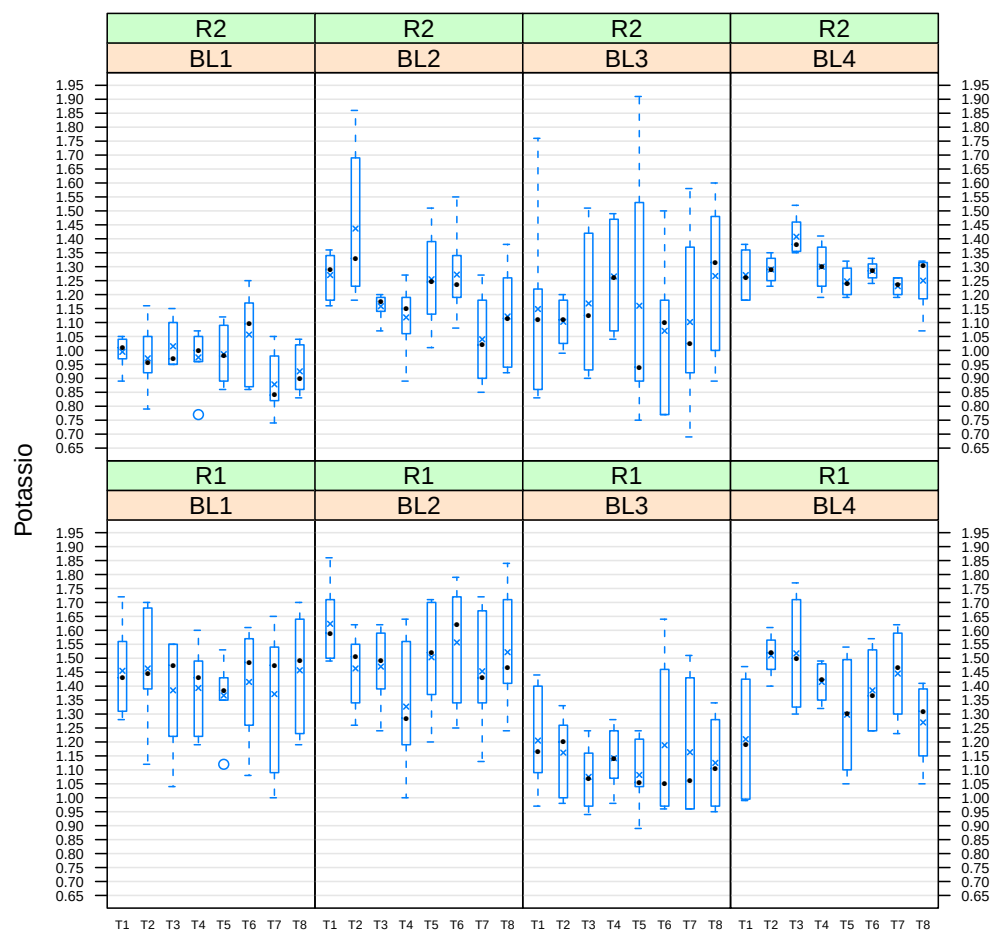


Figura 2.41: Boxplot per Tesi entro Blocco del Potassio

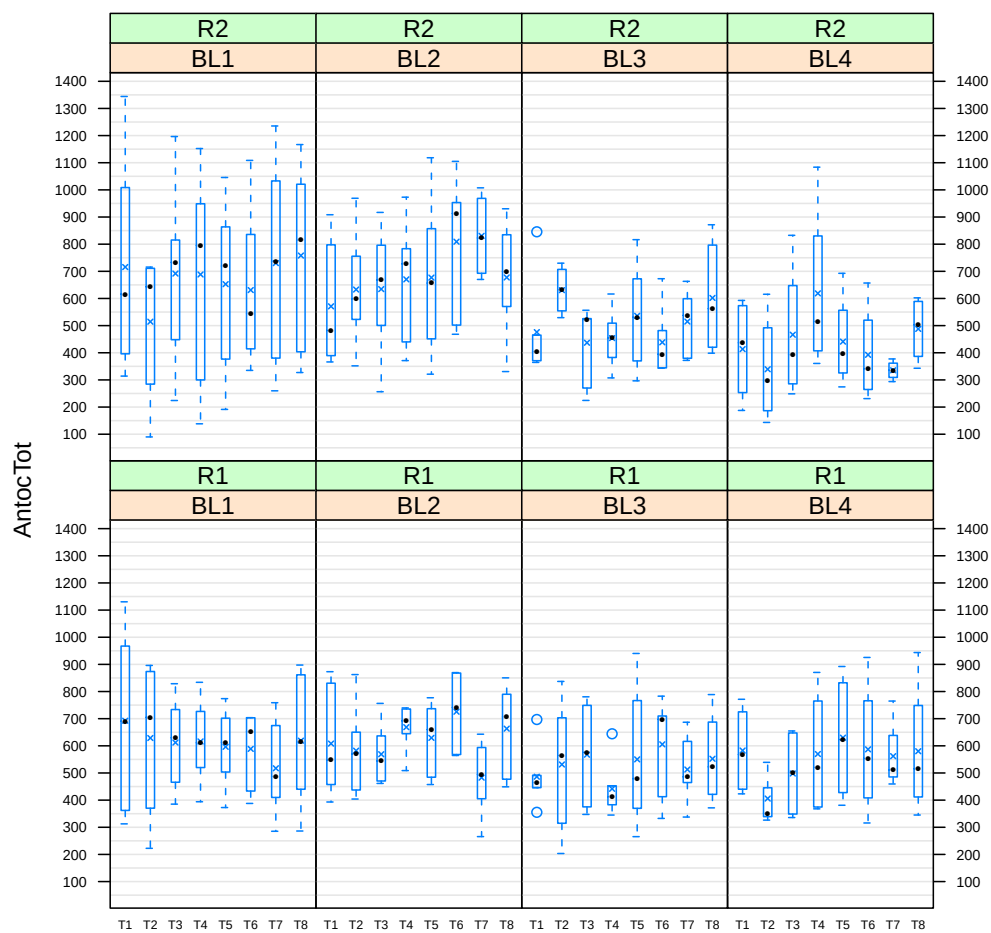


Figura 2.42: Boxplot per Tesi entro Blocco degli Antociani totali

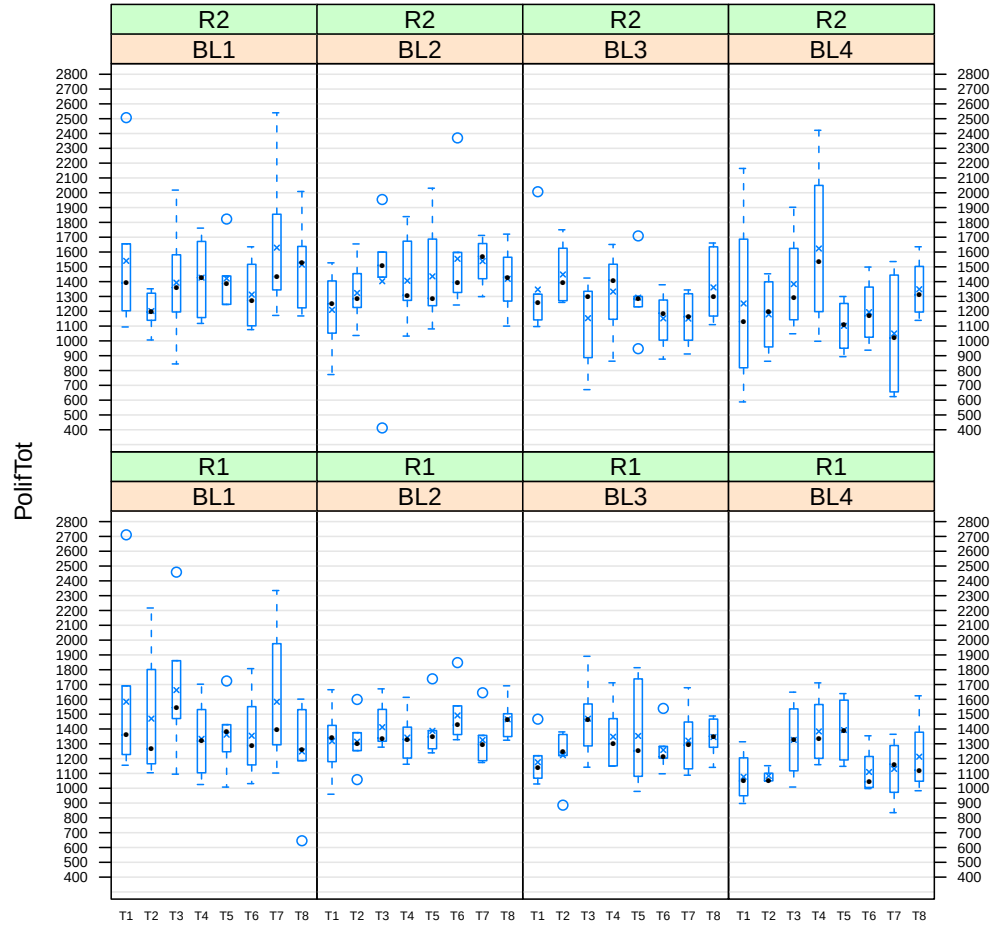


Figura 2.43: Boxplot per Tesi entro Blocco dei Polifenoli totali

2.3 Dotplot (Cortigliano)

2.3.1 Dotplot per Blocco

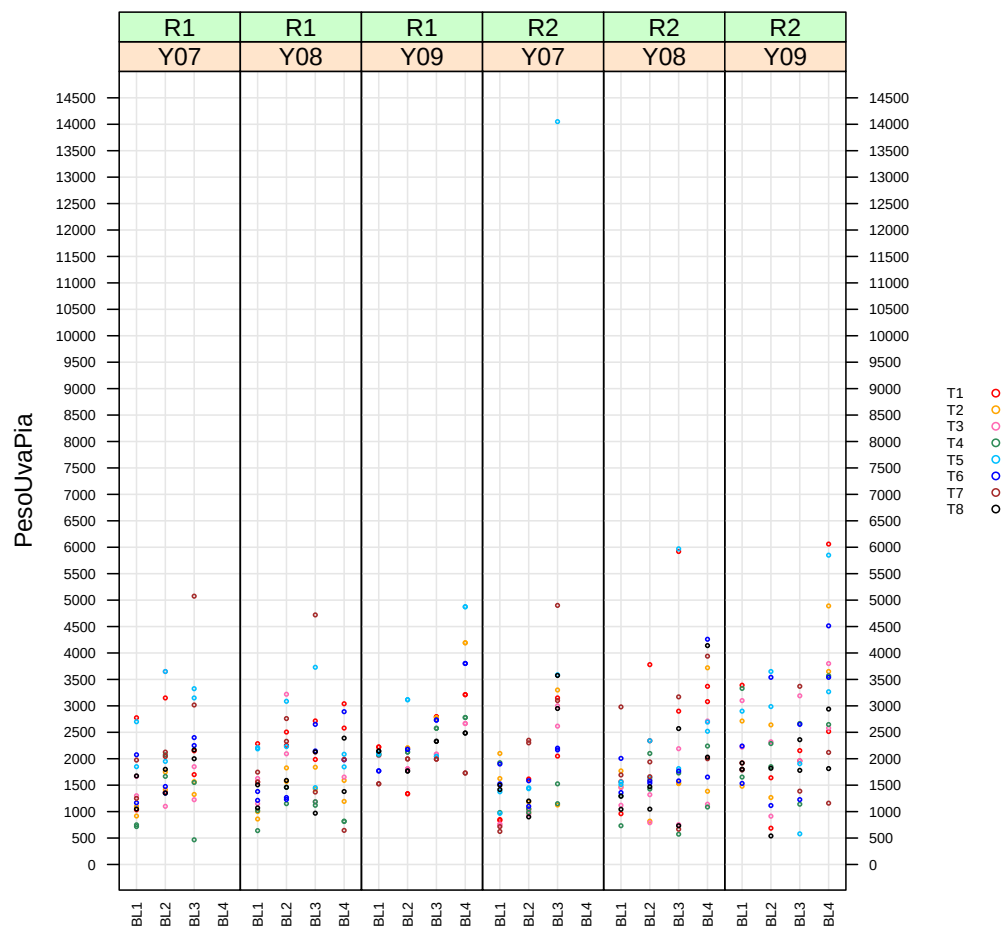


Figura 2.44: Dotplot per Blocco del Peso medio dell’uva per pianta

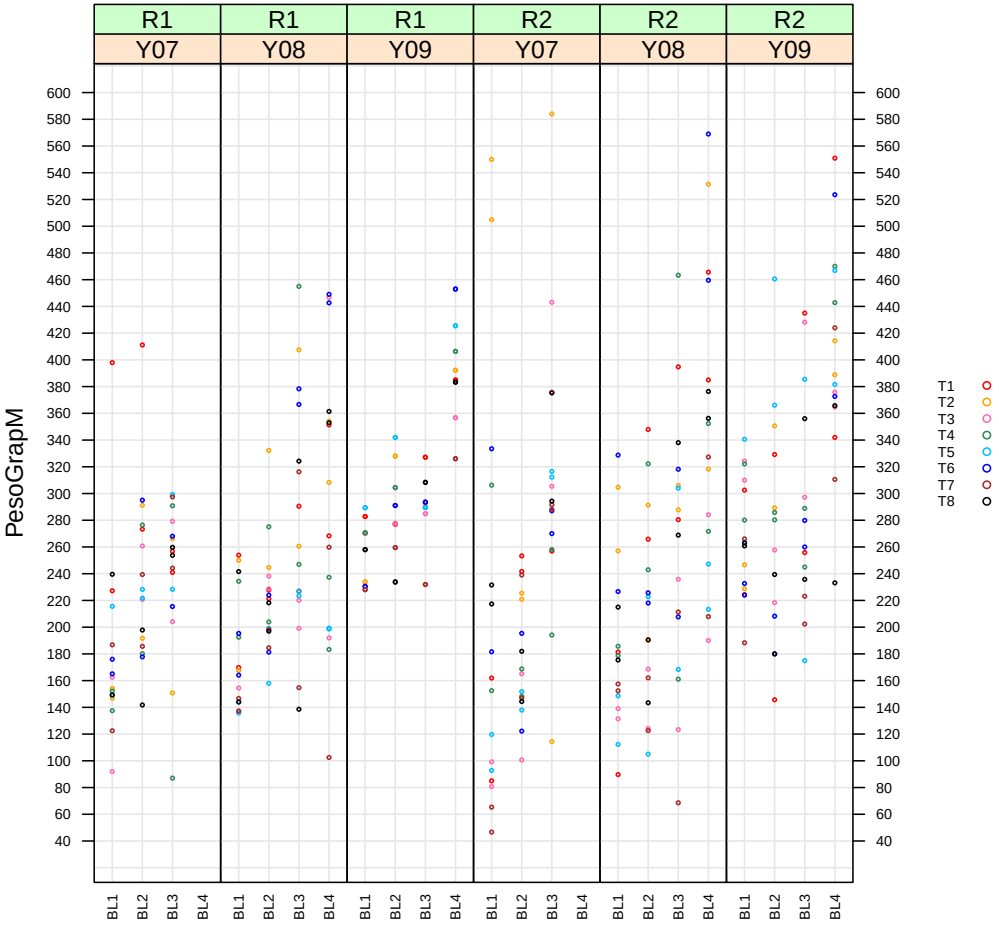


Figura 2.45: Dotplot per Blocco del Peso medio del grappolo

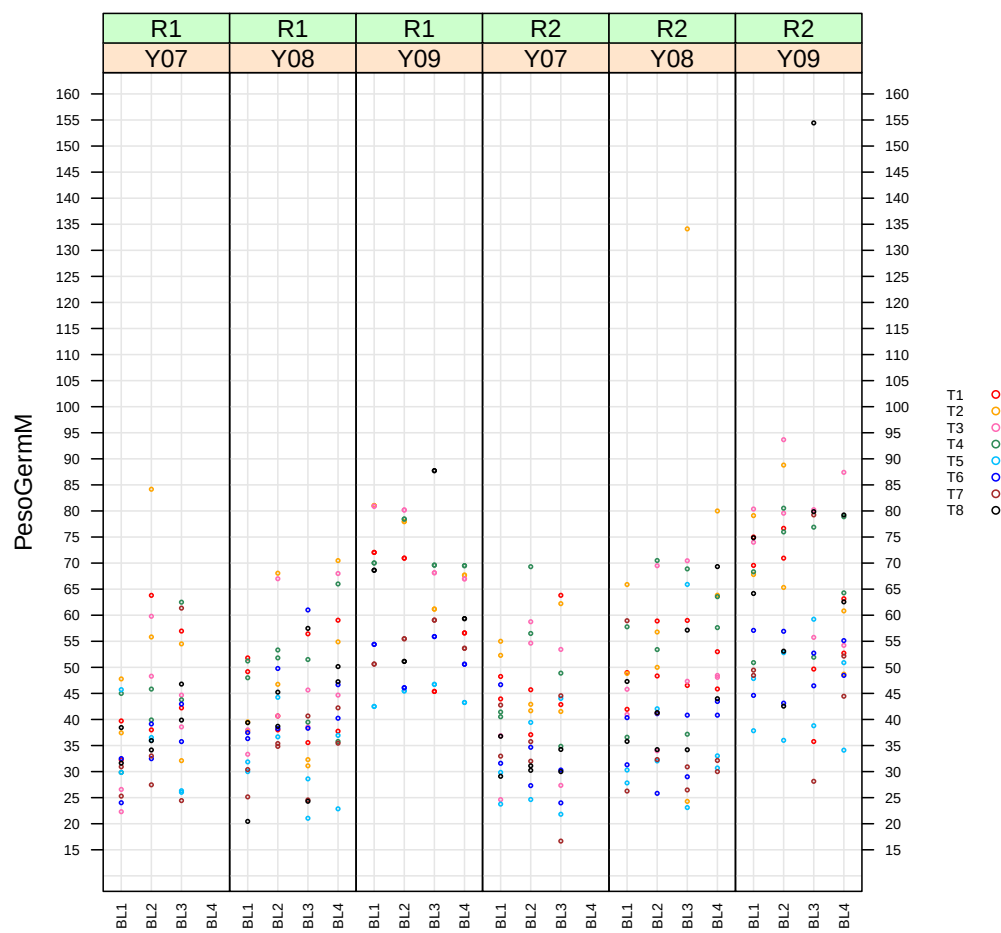


Figura 2.46: Dotplot per Blocco del Peso medio del germoglio

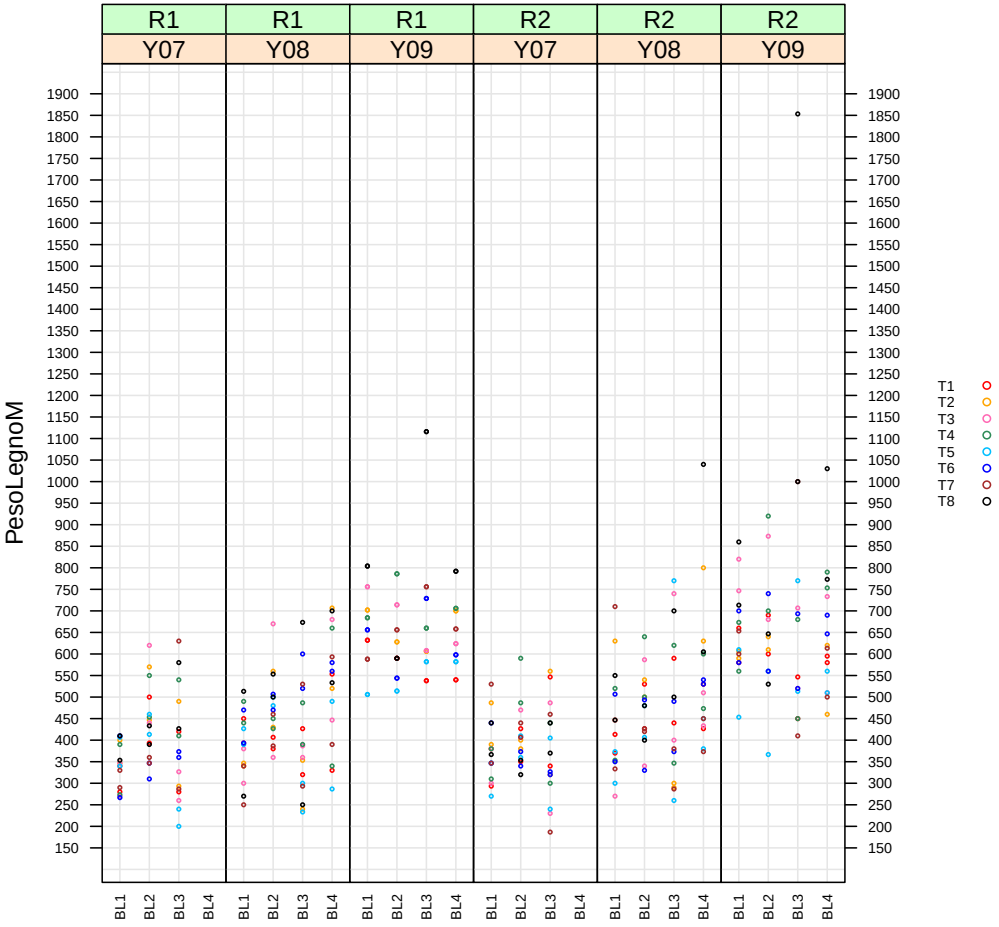


Figura 2.47: Dotplot per Blocco del Peso medio del legno

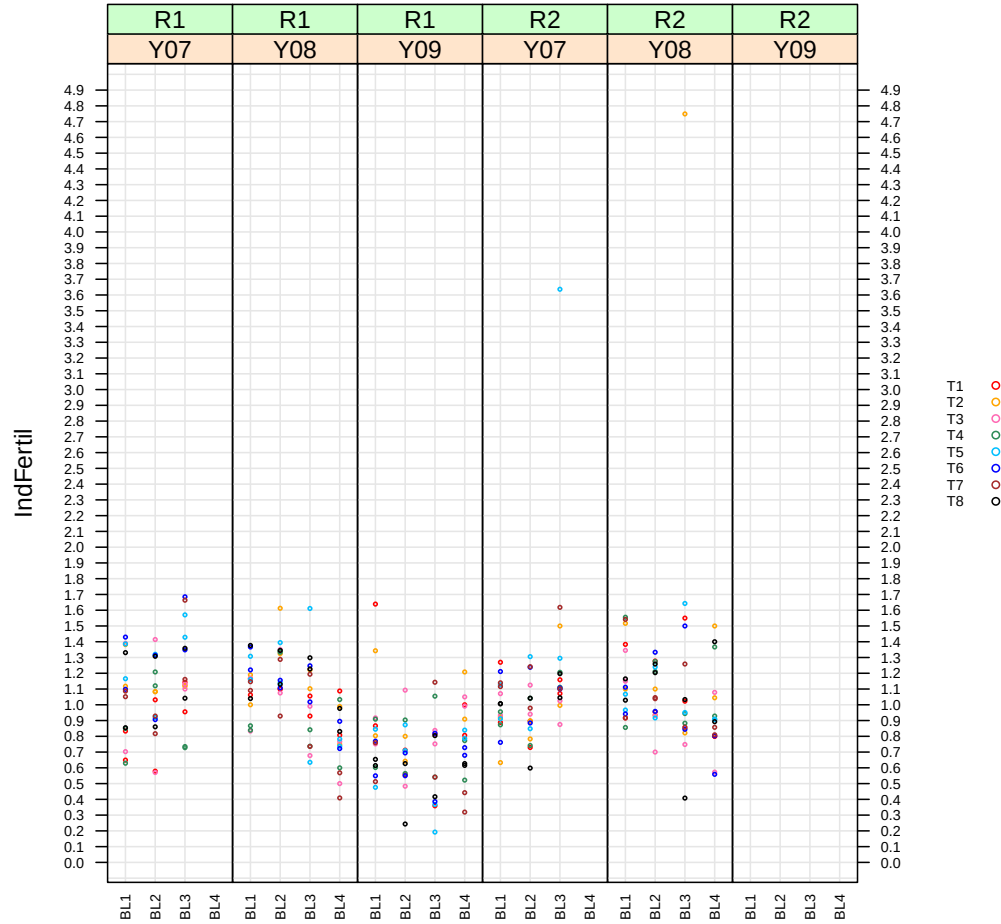


Figura 2.48: Dotplot per Blocco dell'Indice di Fertilità

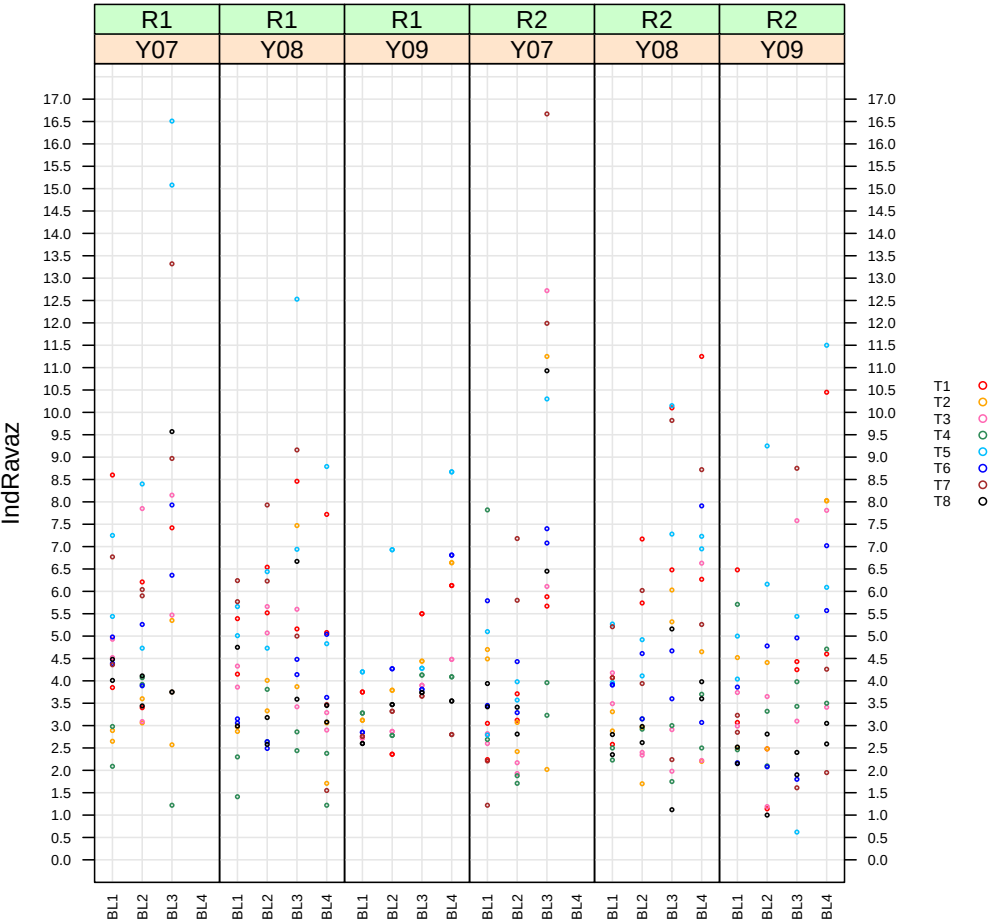


Figura 2.49: Dotplot per Blocco dell'Indice di Ravaz

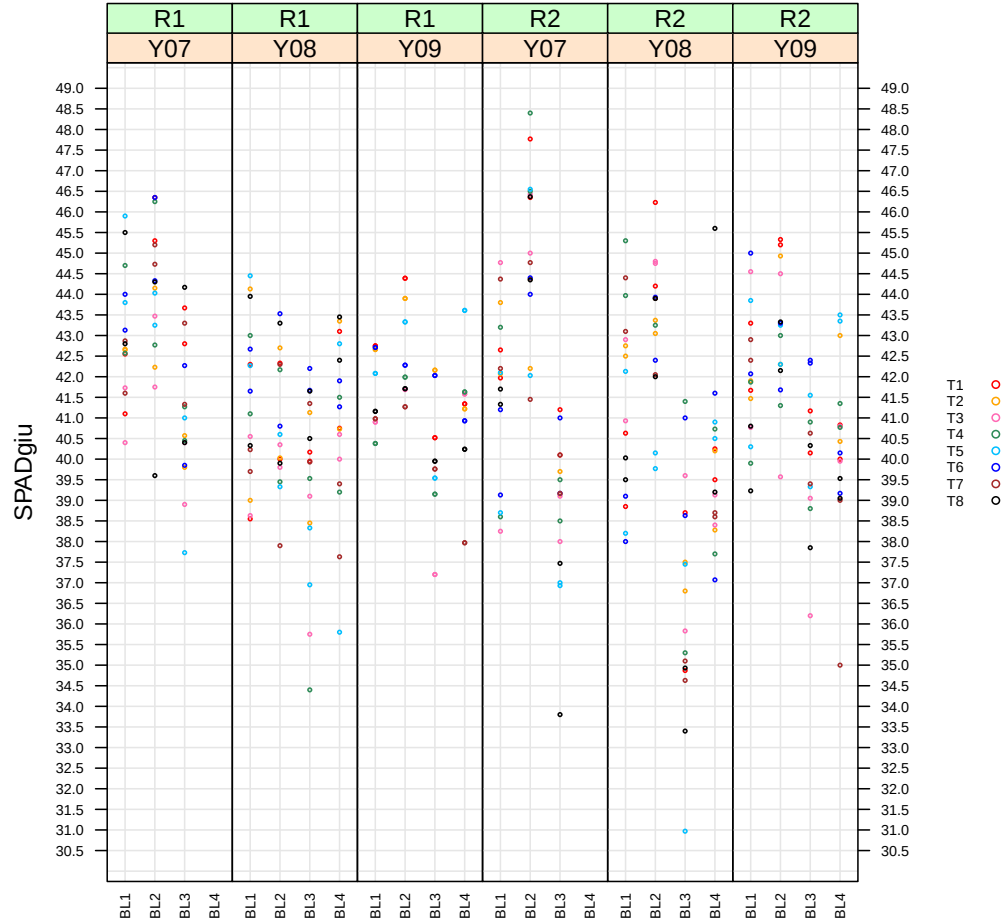


Figura 2.50: Dotplot per Blocco dell'Indice SPAD (giugno)

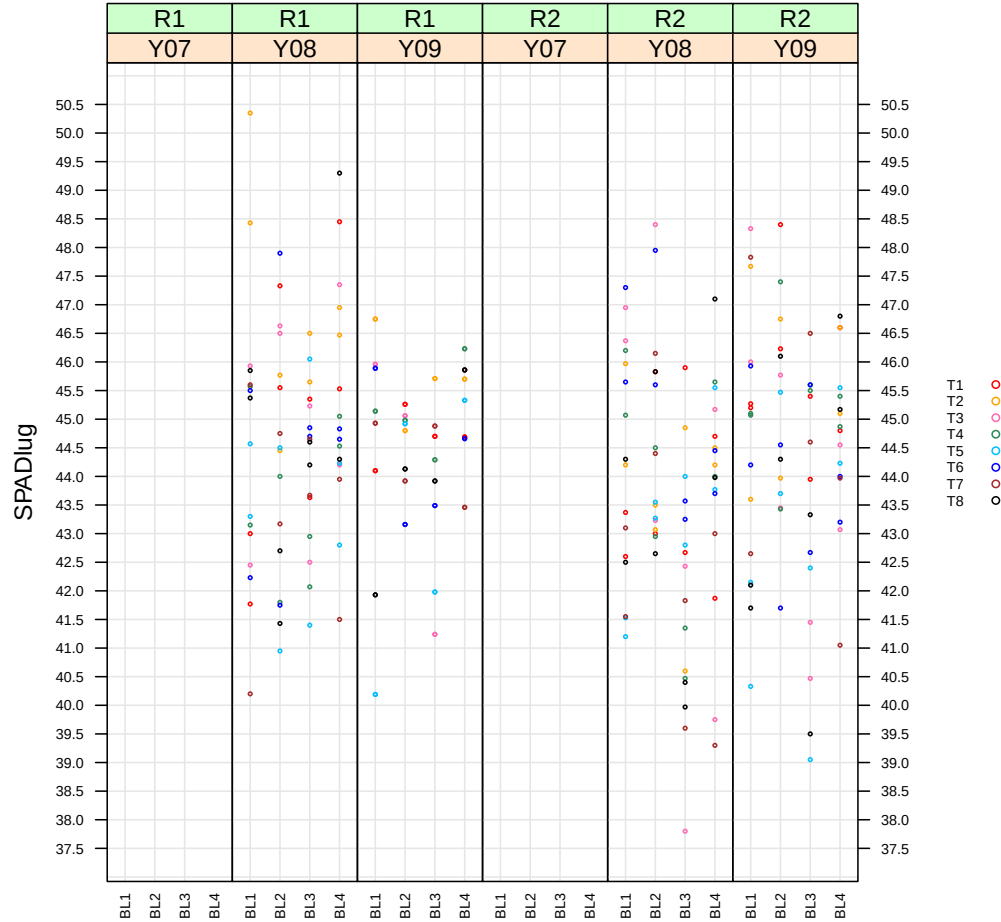


Figura 2.51: Dotplot per Blocco dell'Indice SPAD (luglio)

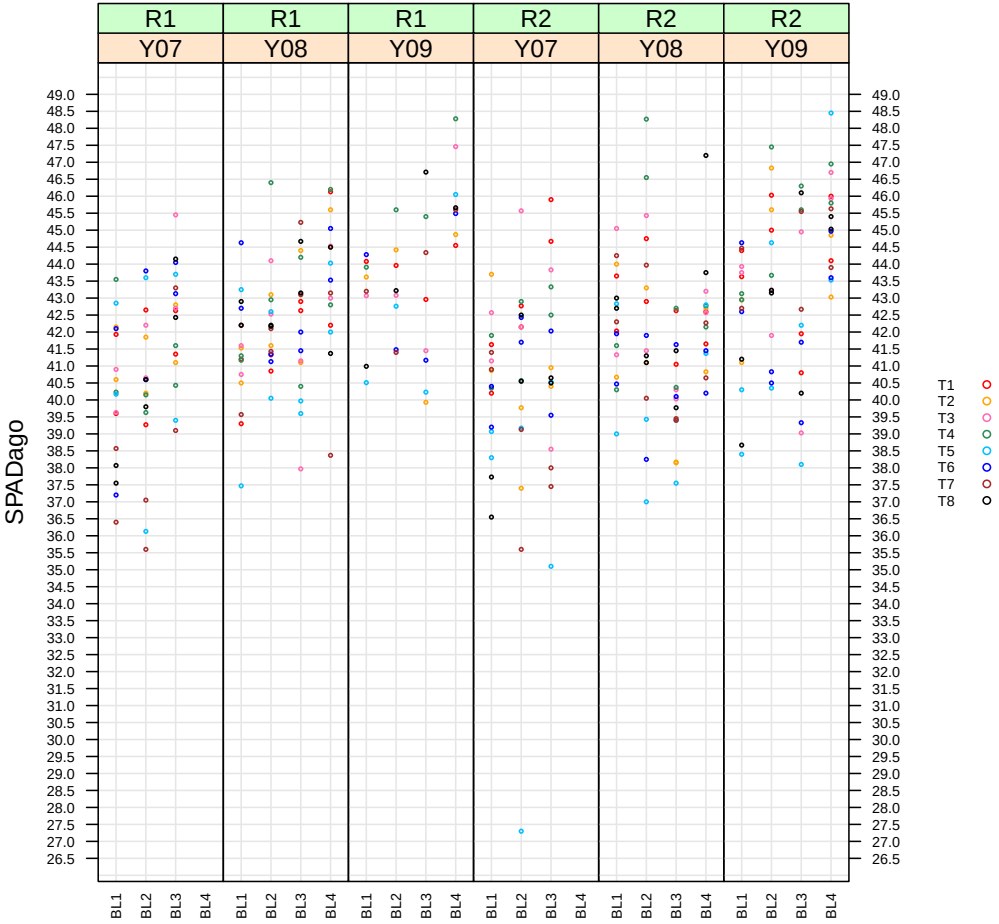


Figura 2.52: Dotplot per Blocco dell'Indice SPAD (agosto)

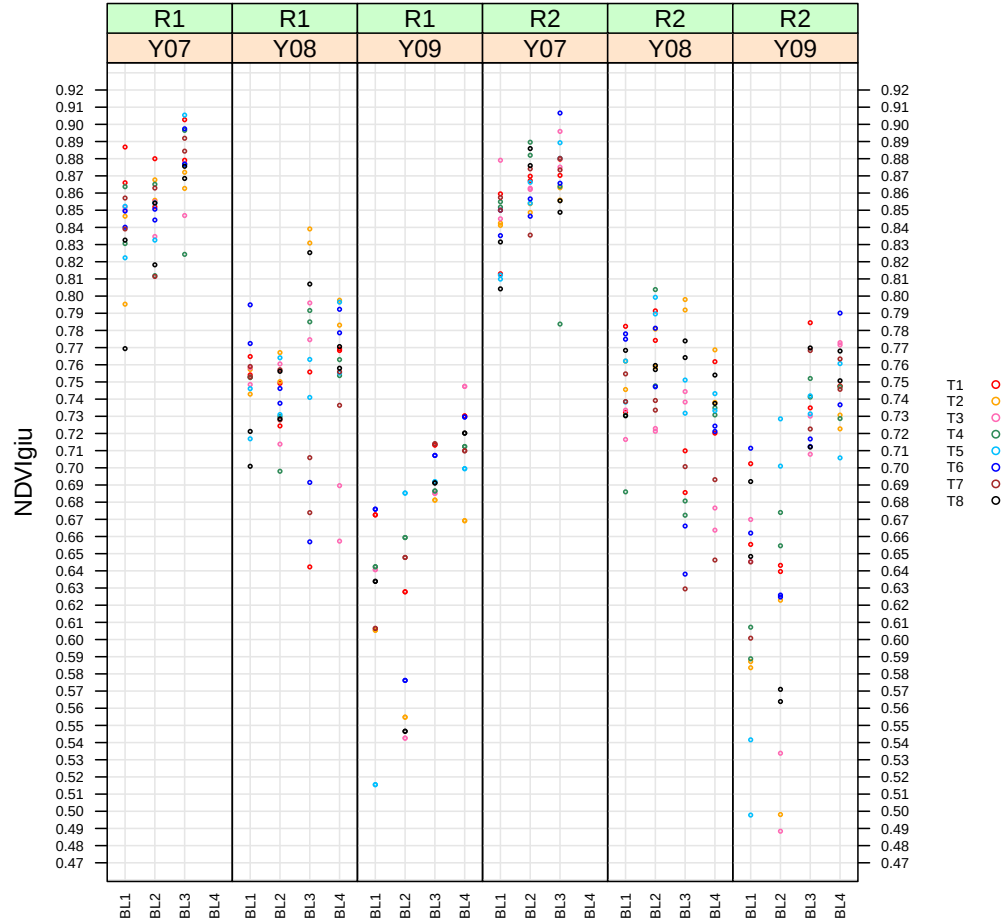


Figura 2.53: Dotplot per Blocco dell'Indice NDVI (giugno)

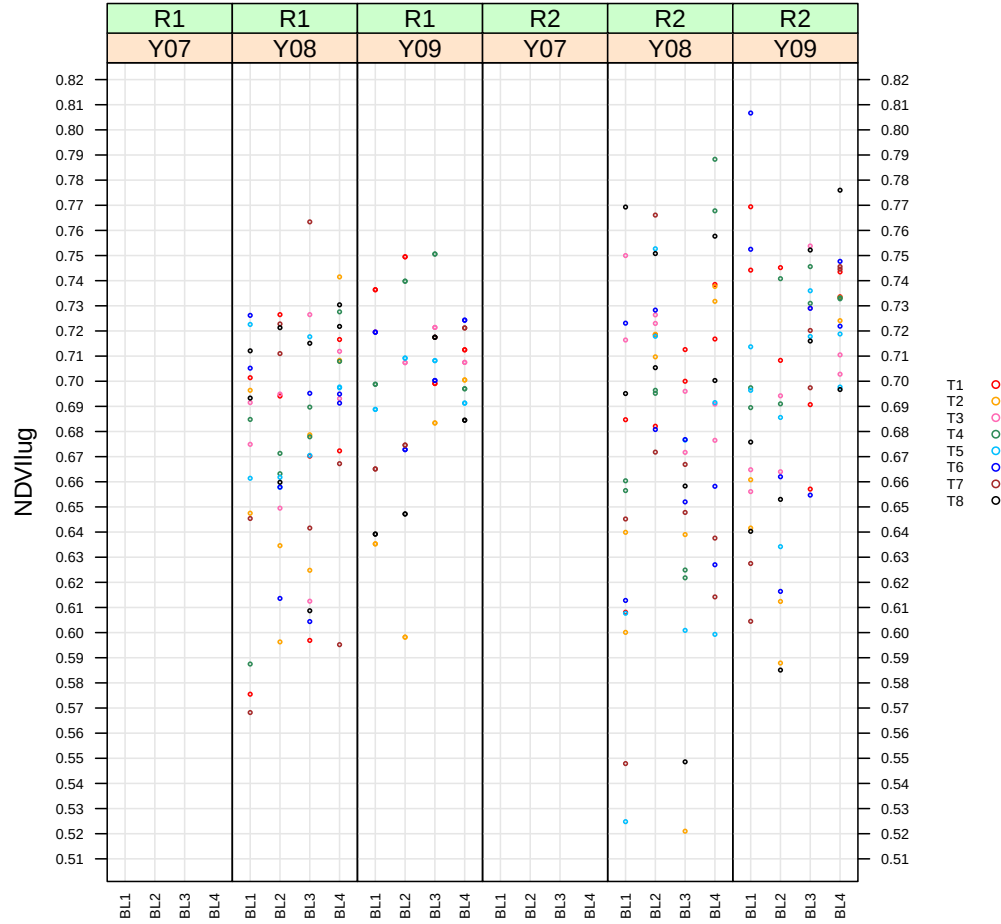


Figura 2.54: Dotplot per Blocco dell'Indice NDVI (luglio)

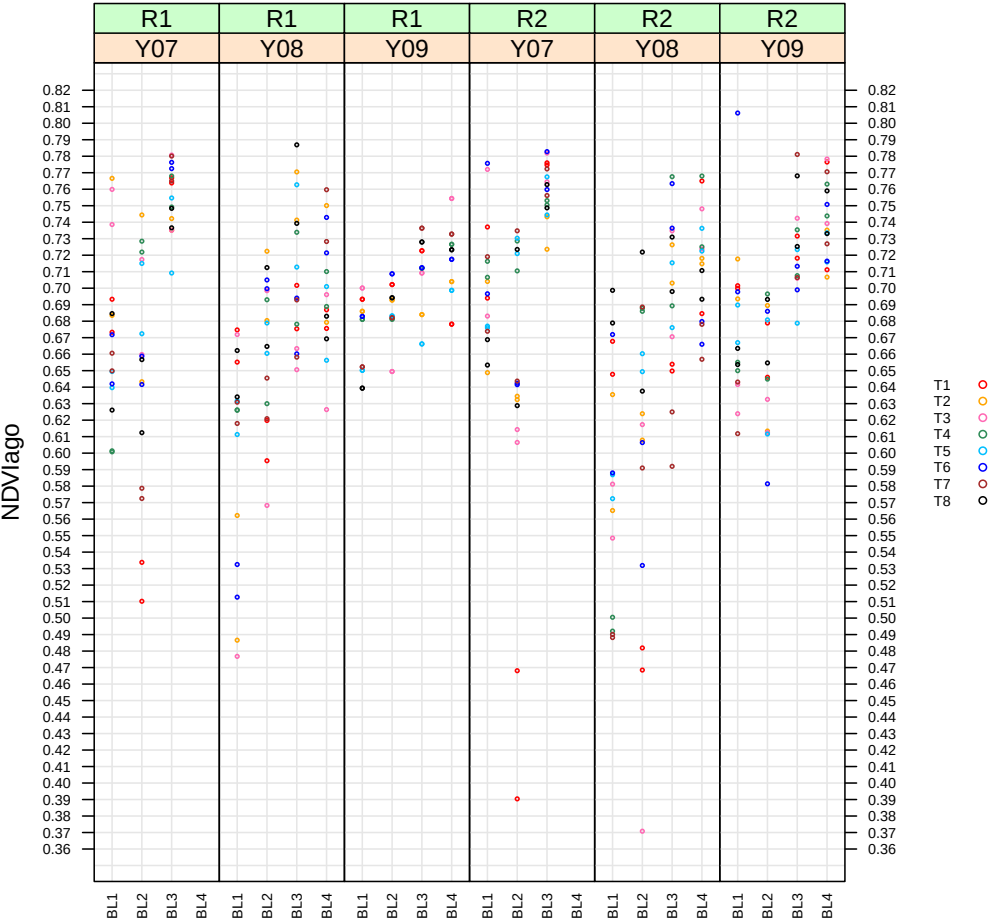


Figura 2.55: Dotplot per Blocco dell'Indice NDVI (agosto)

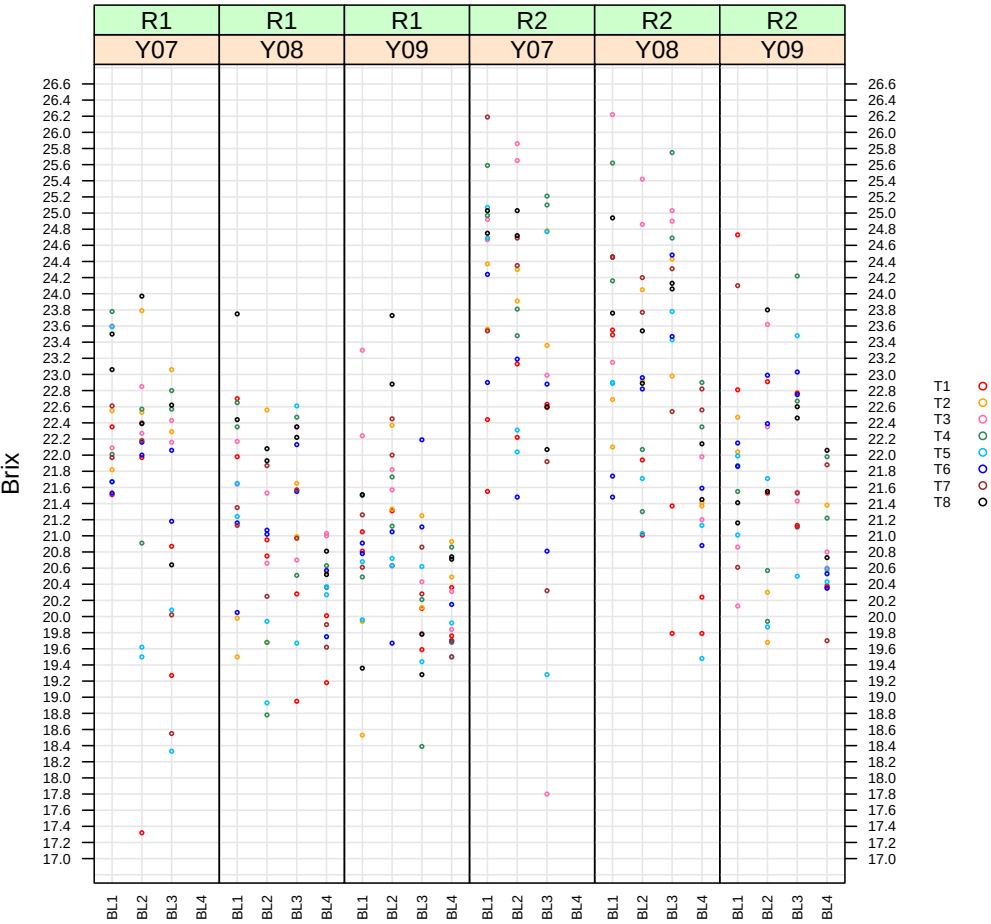


Figura 2.56: Dotplot per Blocco del Brix

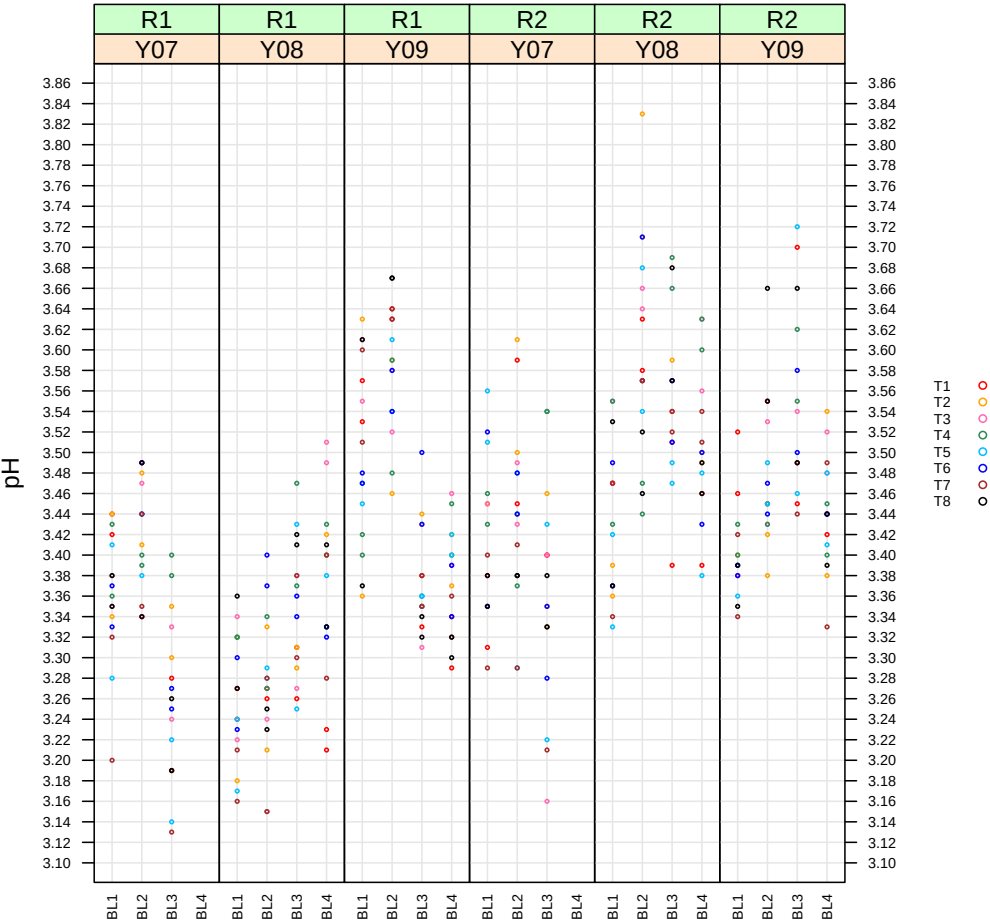


Figura 2.57: Dotplot per Blocco del pH

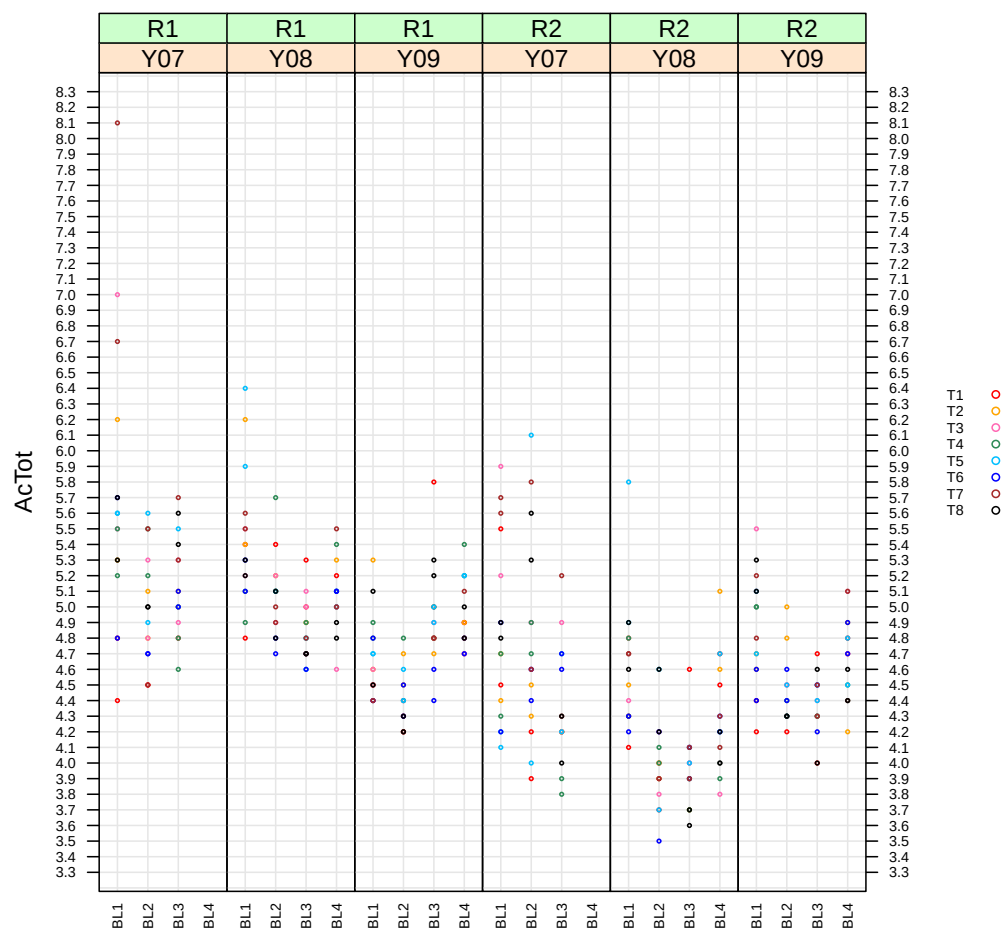


Figura 2.58: Dotplot per Blocco dell'Acidità totale

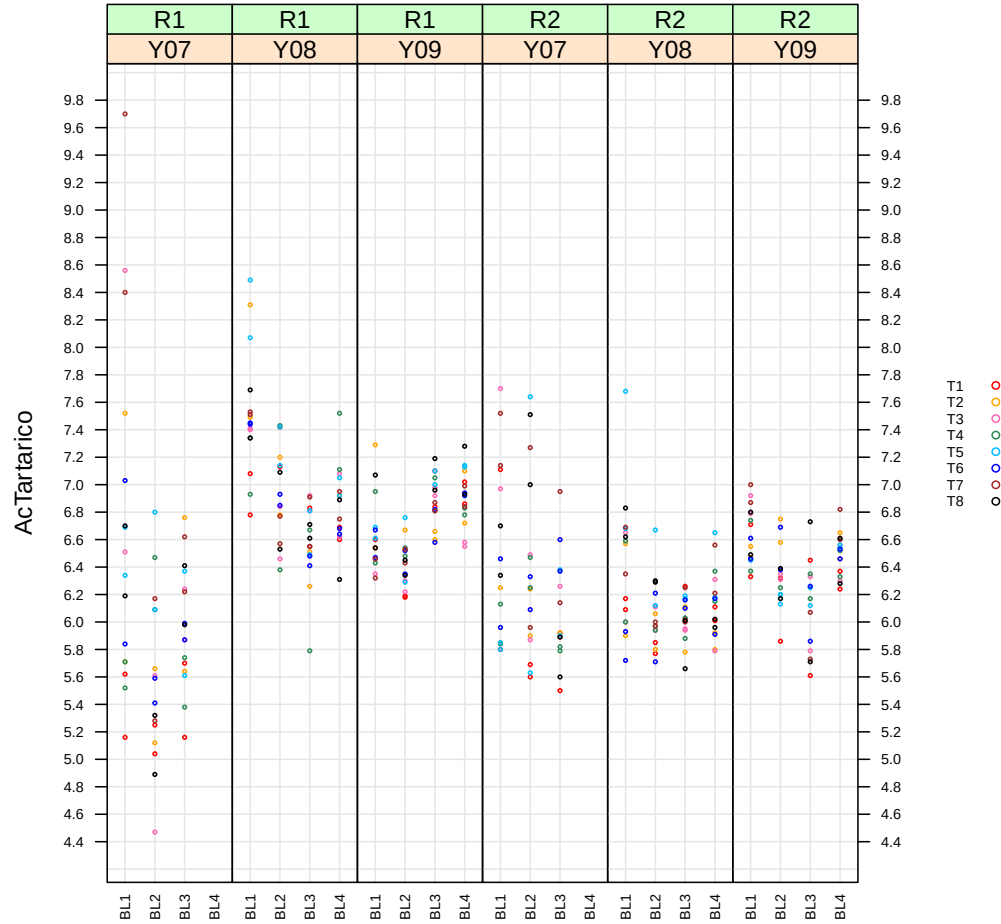


Figura 2.59: Dotplot per Blocco dell'Acido tartarico

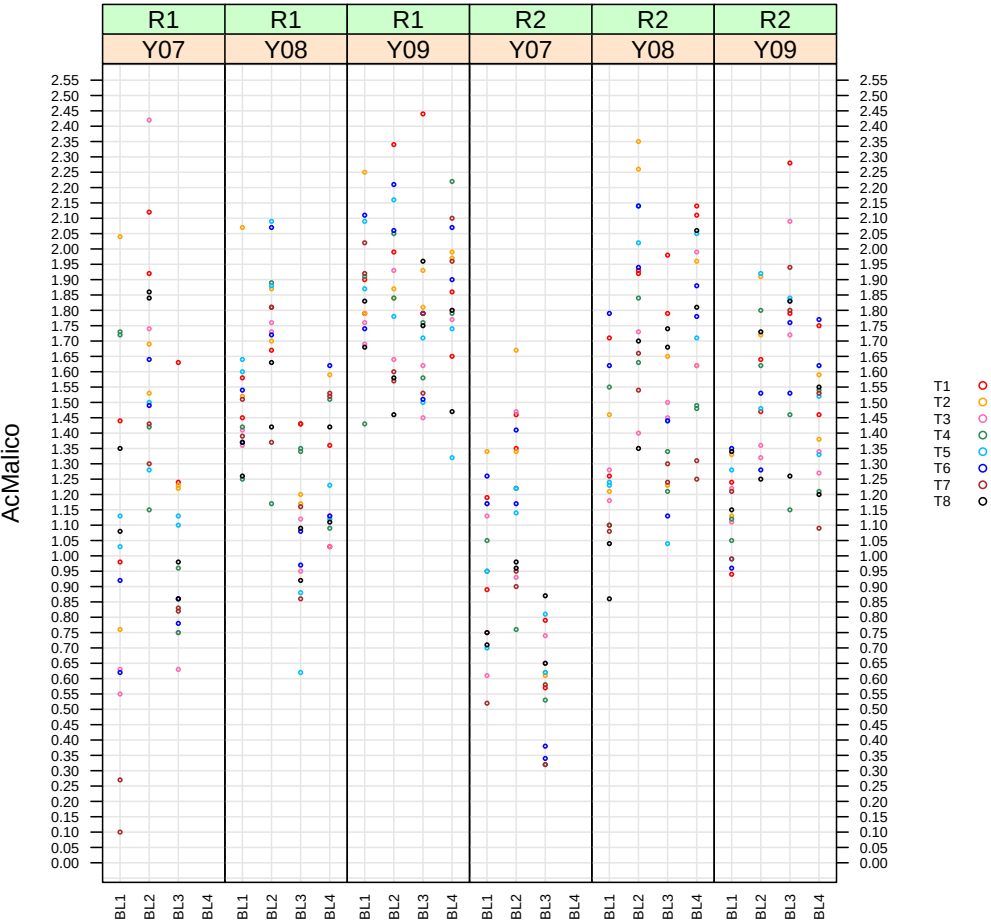


Figura 2.60: Dotplot per Blocco dell'Acido Malico

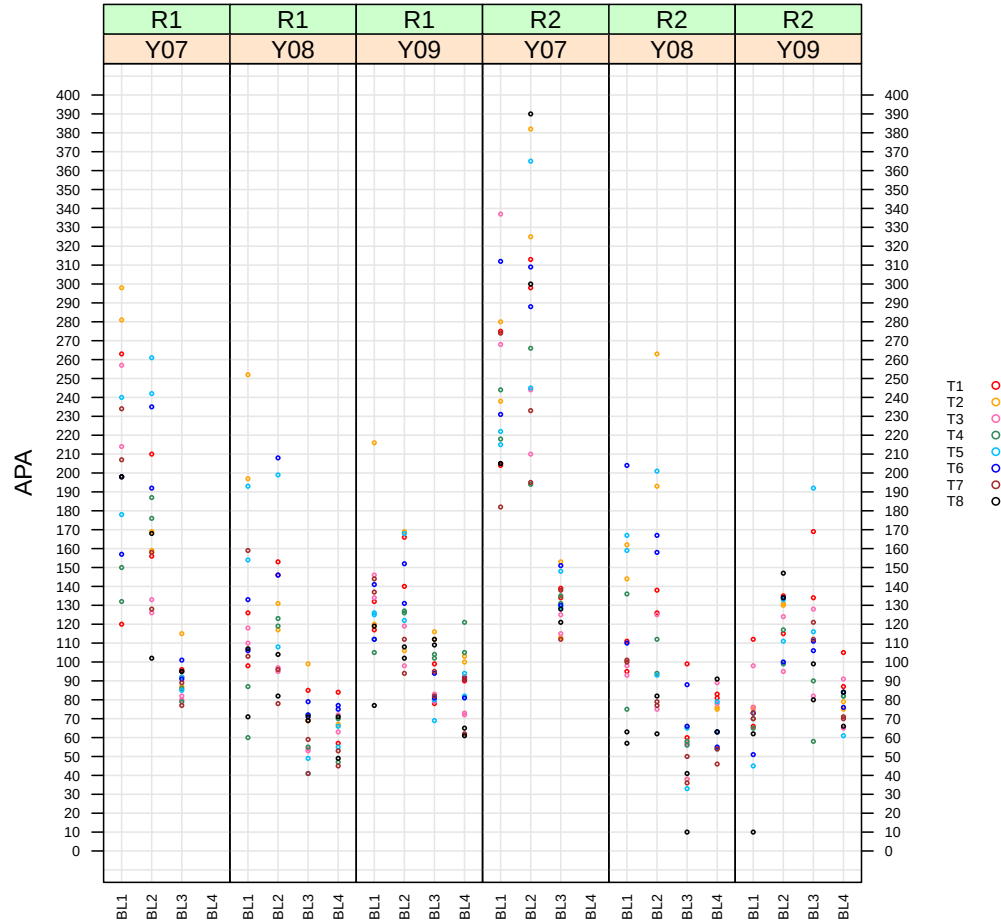


Figura 2.61: Dotplot per Blocco dell’Azoto prontamente assimilabile

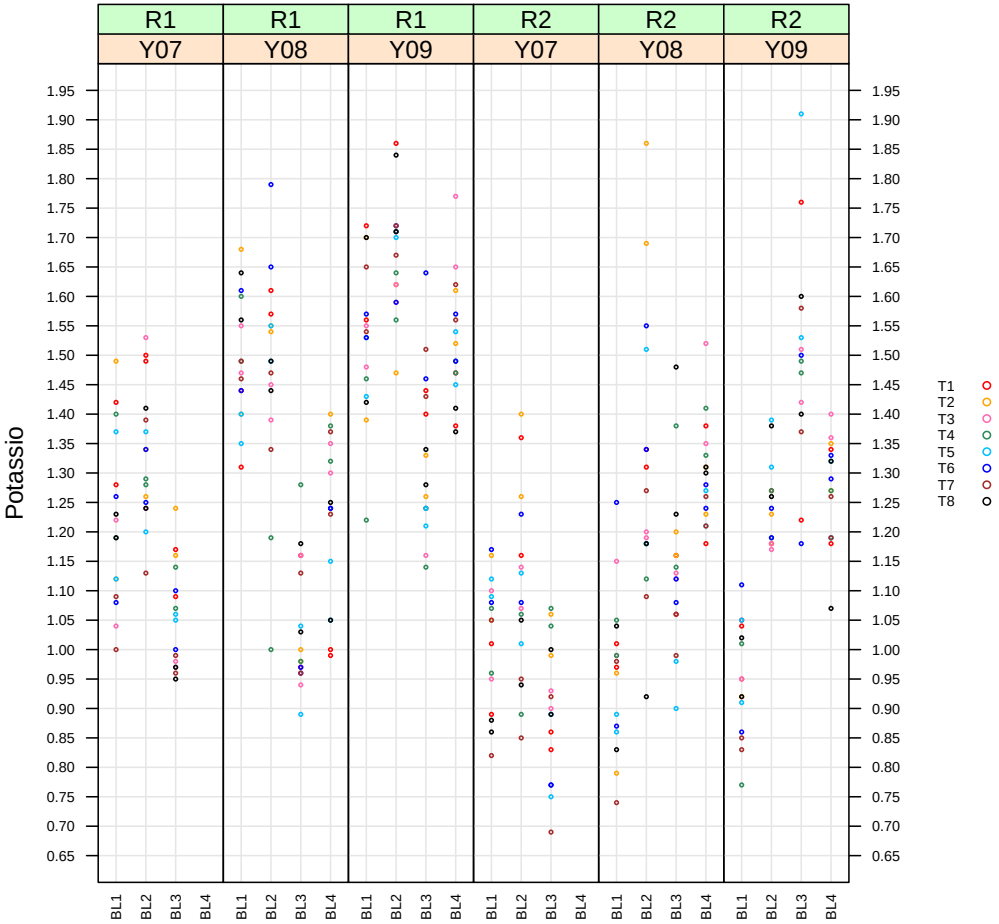


Figura 2.62: Dotplot per Blocco del Potassio

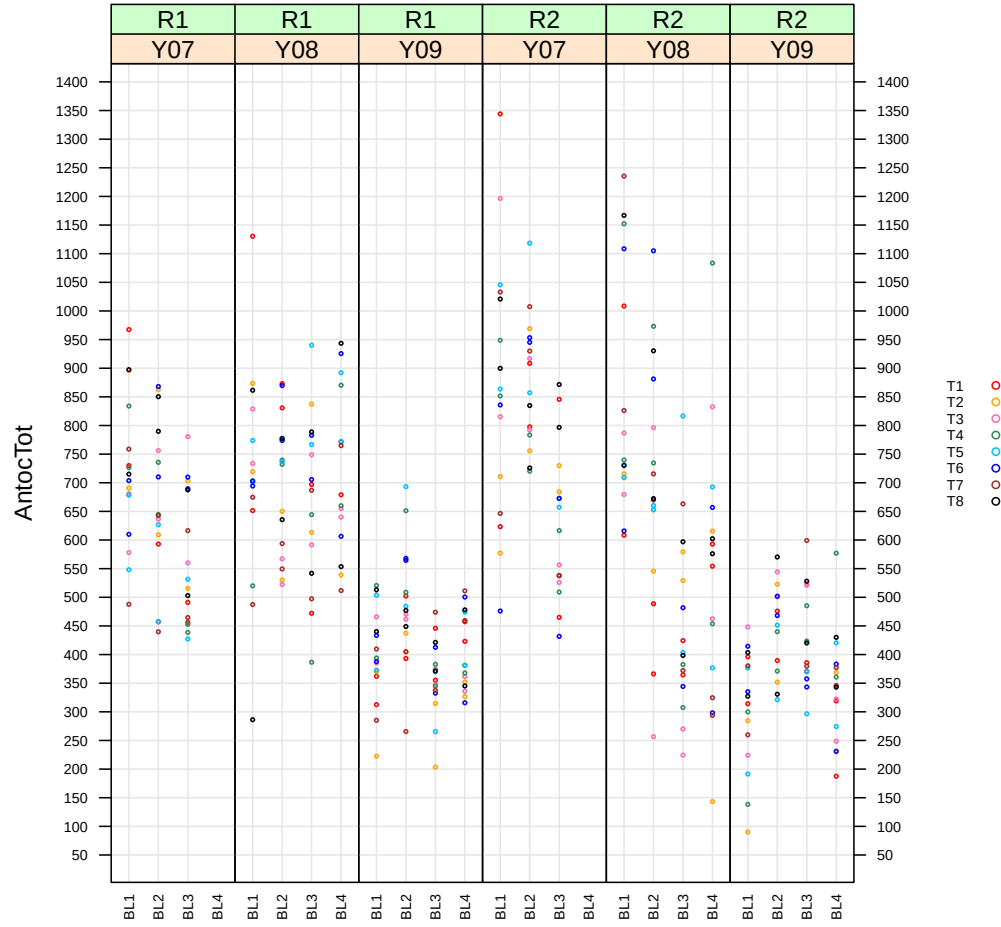


Figura 2.63: Dotplot per Blocco degli Antociani totali

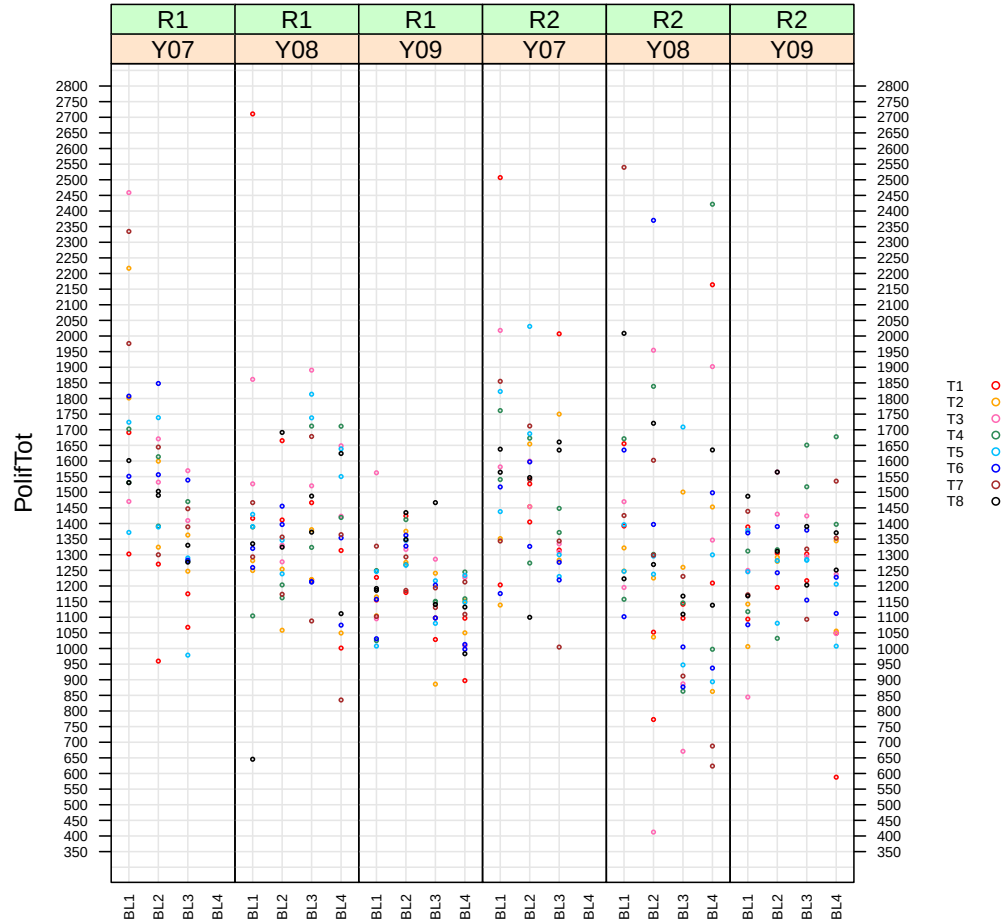


Figura 2.64: Dotplot per Blocco dei Polifenoli totali

2.3.2 Dotplot per Tesi entro Blocco

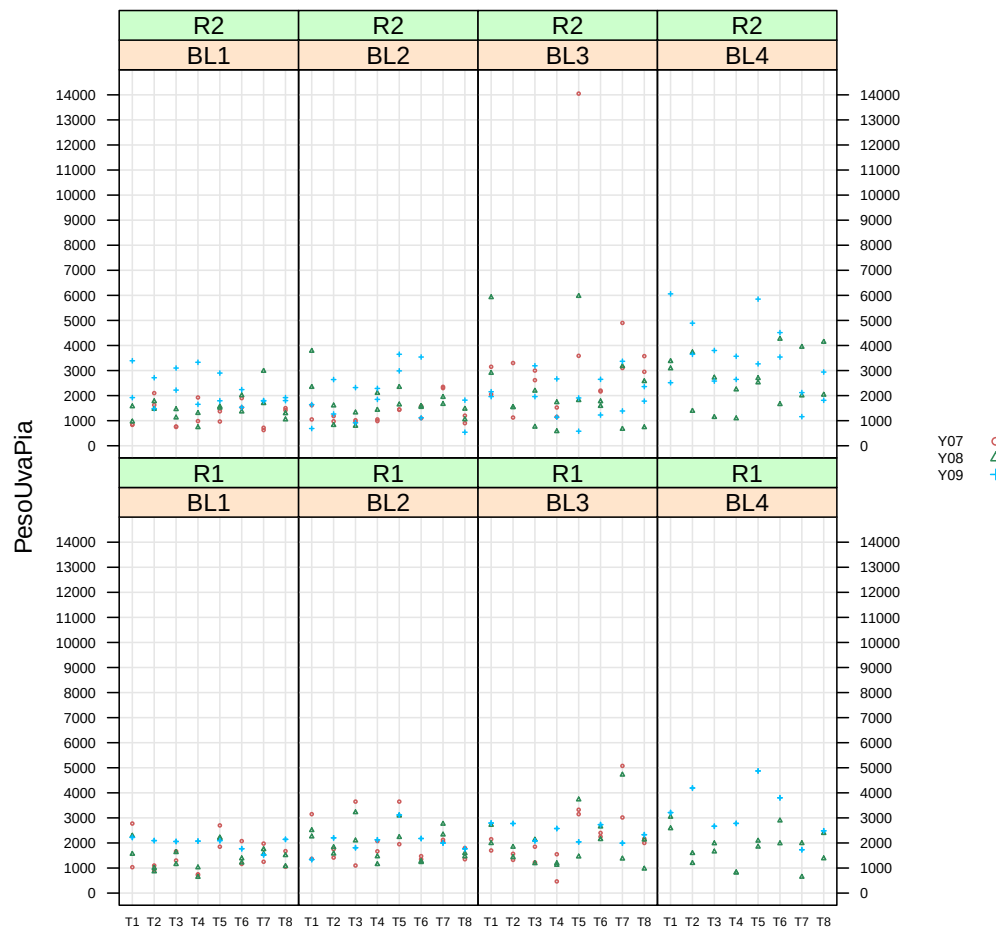


Figura 2.65: Dotplot per Tesi entro Blocco del Peso medio dell’uva per pianta

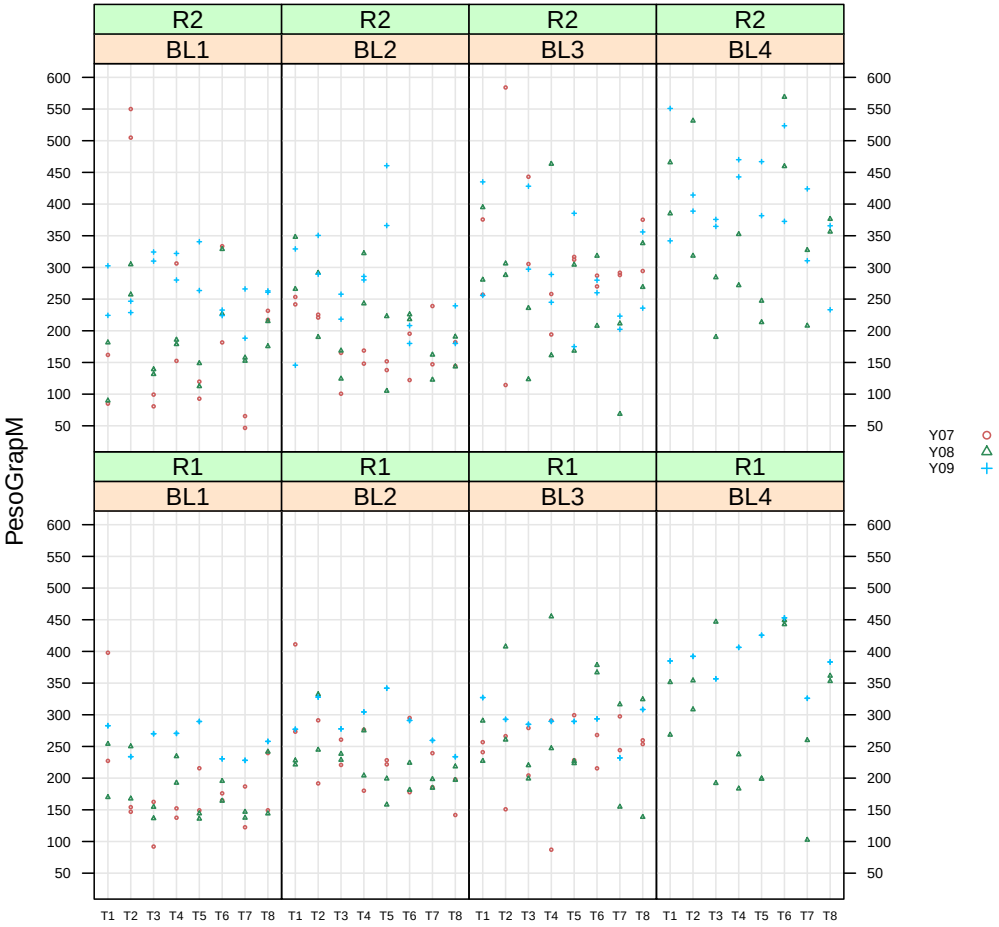


Figura 2.66: Dotplot per Tesi entro Blocco del Peso medio del grappolo

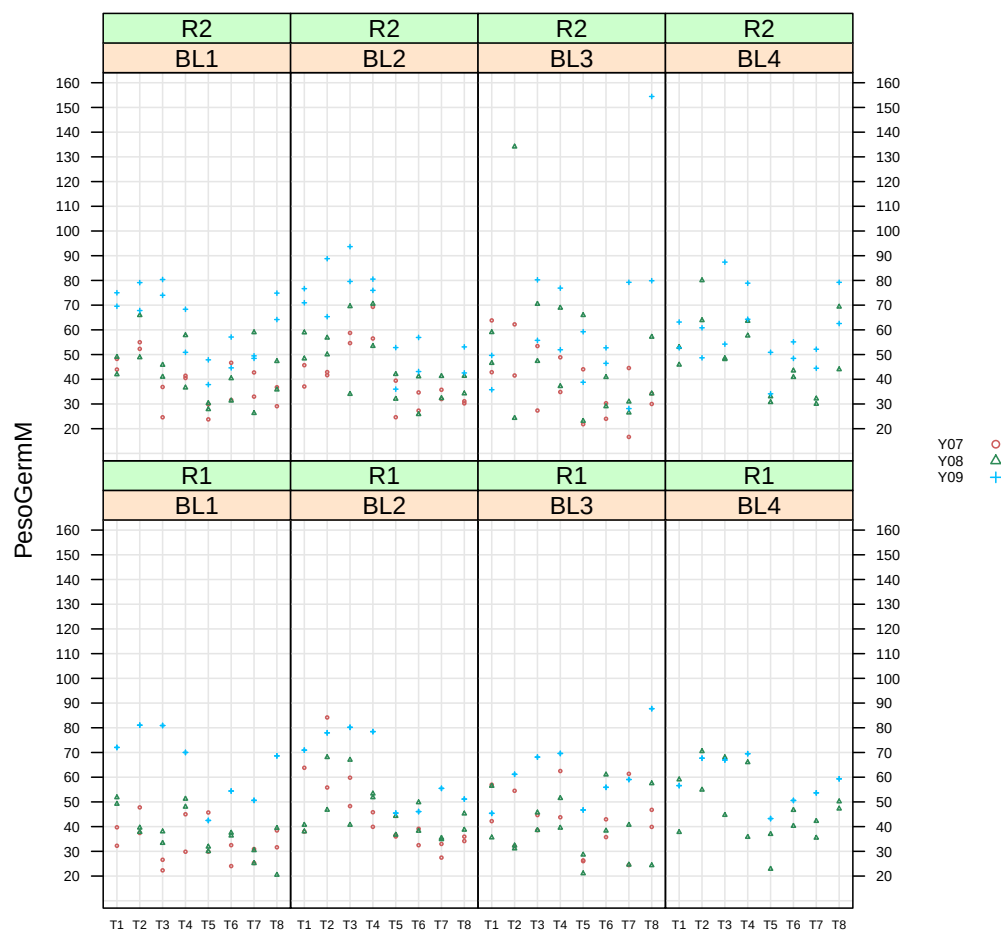


Figura 2.67: Dotplot per Tesi entro Blocco del Peso medio del germoglio

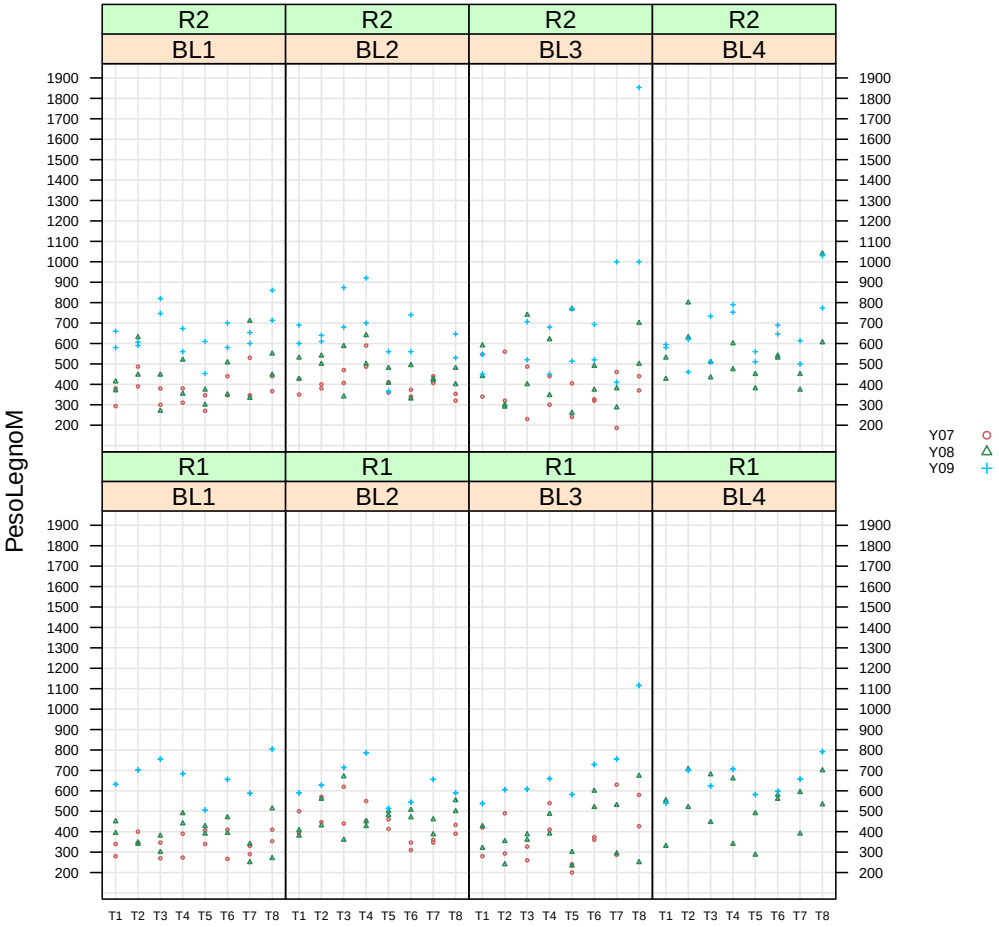


Figura 2.68: Dotplot per Tesi entro Blocco del Peso medio del legno

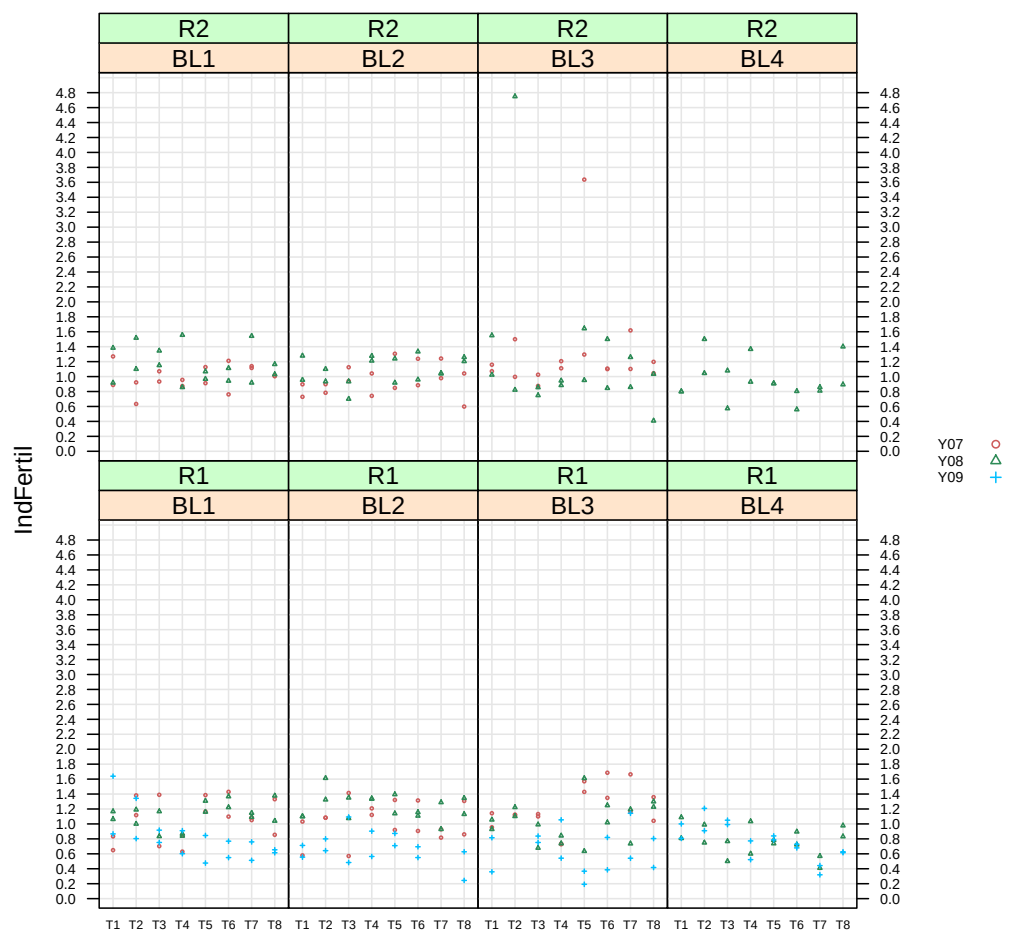


Figura 2.69: Dotplot per Tesi entro Blocco dell'Indice di Fertilità

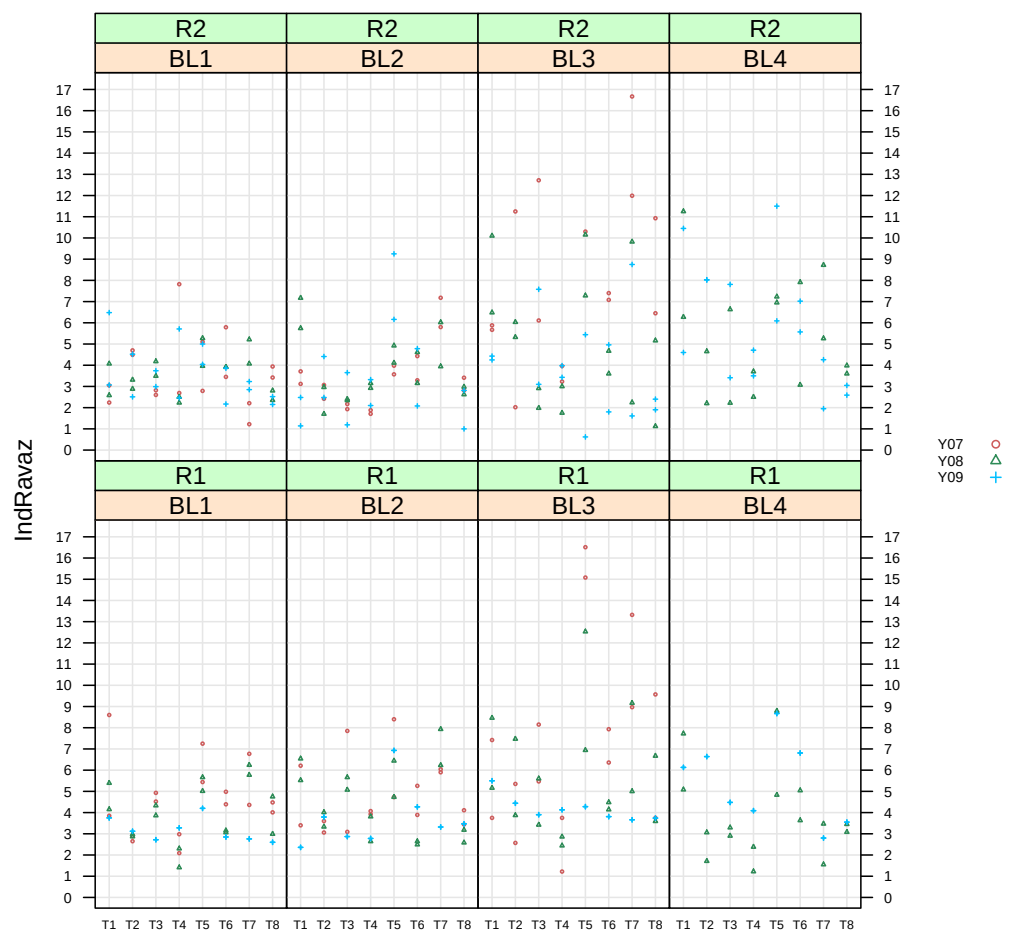


Figura 2.70: Dotplot per Tesi entro Blocco dell'Indice di Ravaz

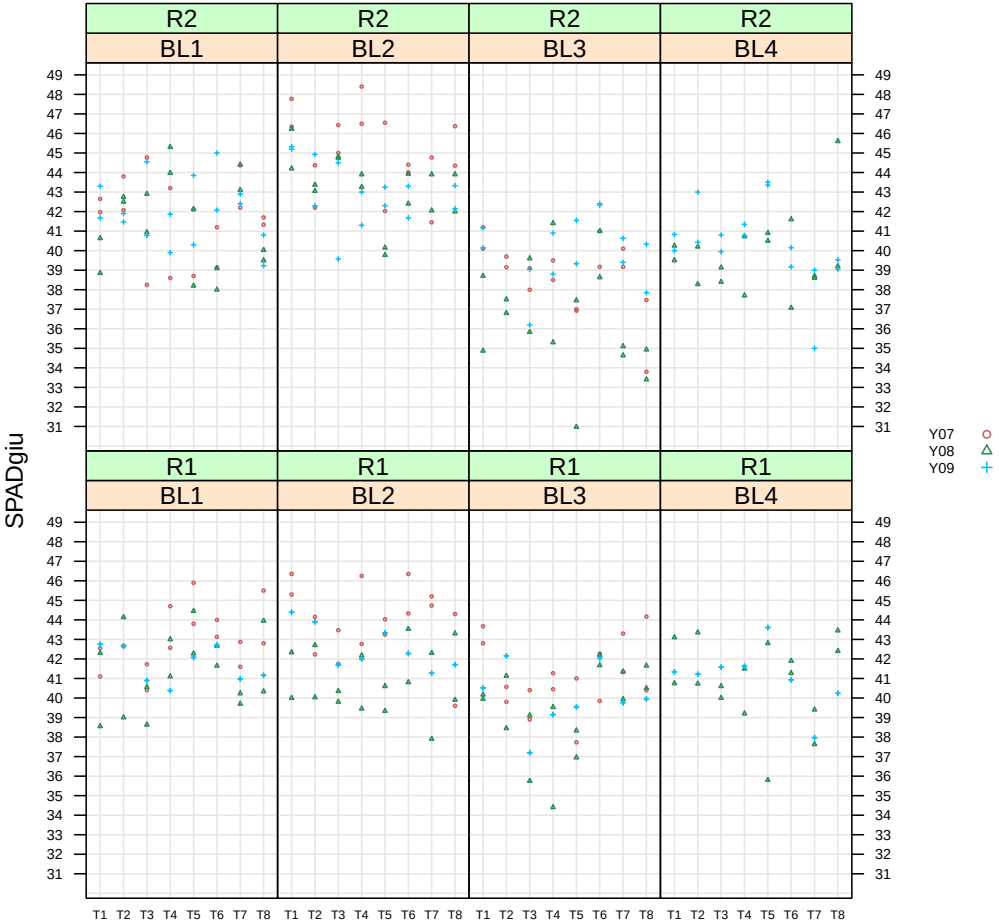


Figura 2.71: Dotplot per Tesi entro Blocco dell'Indice SPAD (giugno)

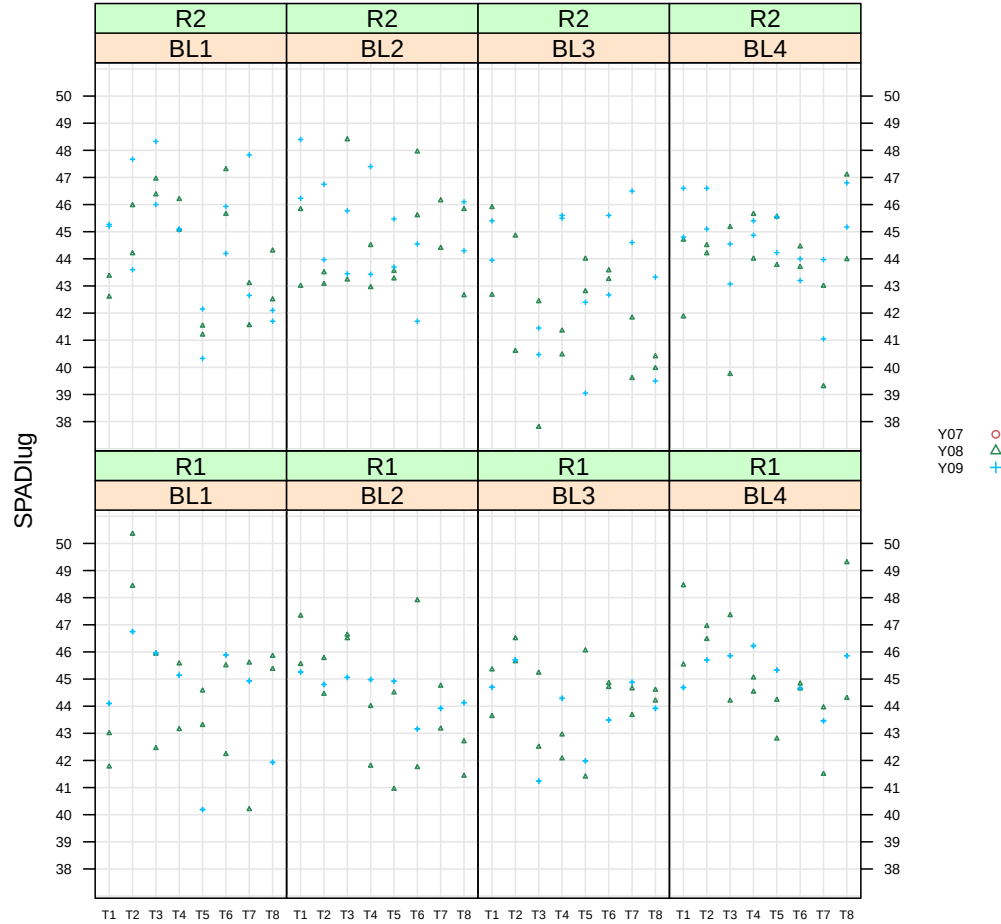


Figura 2.72: Dotplot per Tesi entro Blocco dell'Indice SPAD (luglio)

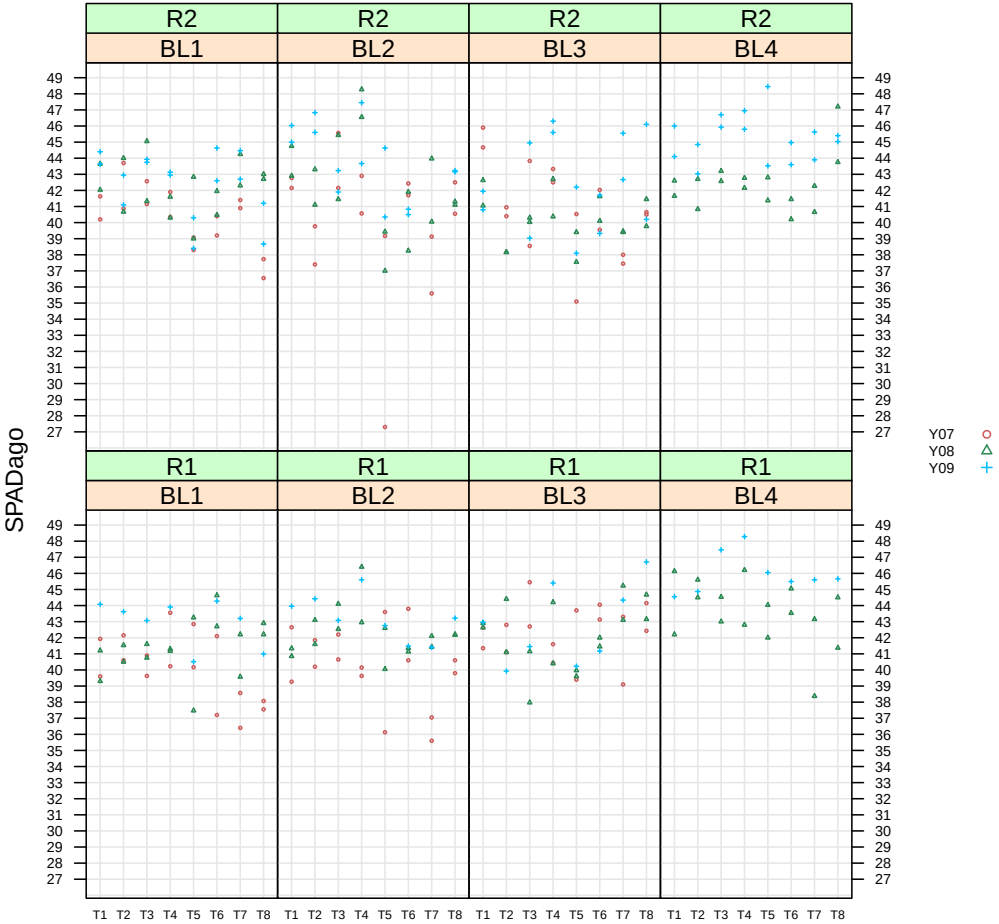


Figura 2.73: Dotplot per Tesi entro Blocco dell'Indice SPAD (agosto)

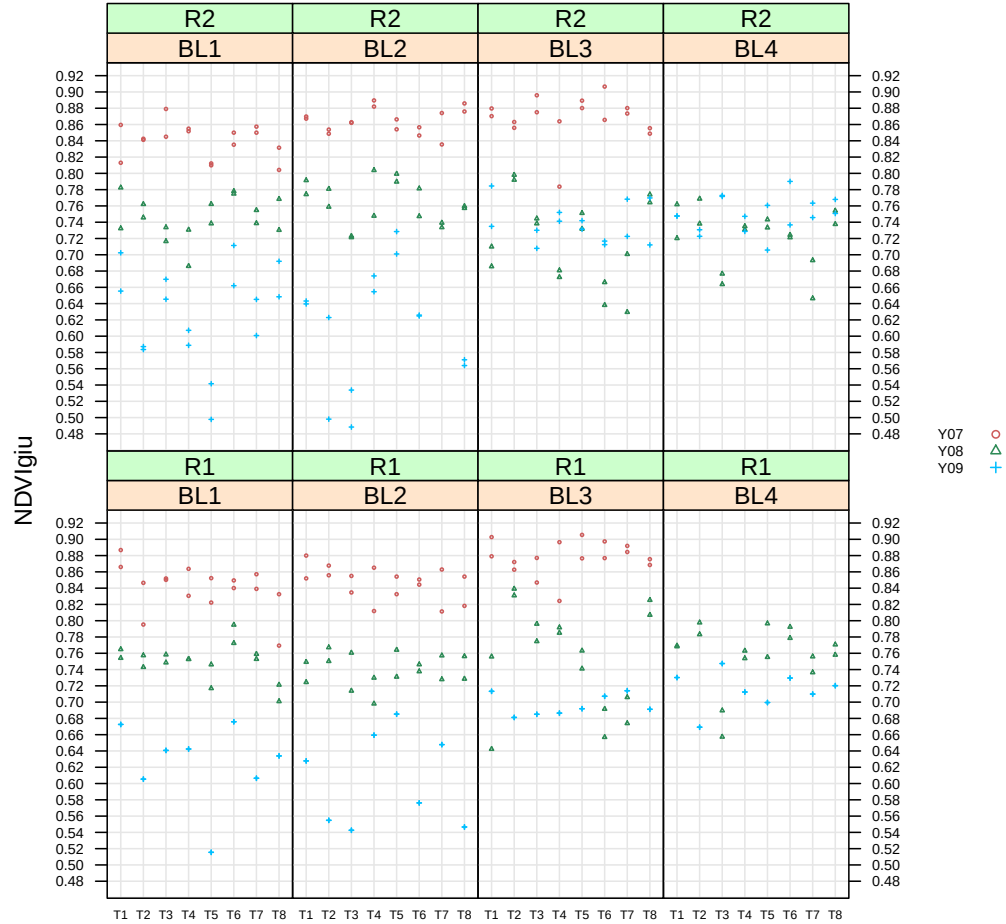


Figura 2.74: Dotplot per Tesi entro Blocco dell'Indice NDVI (giugno)

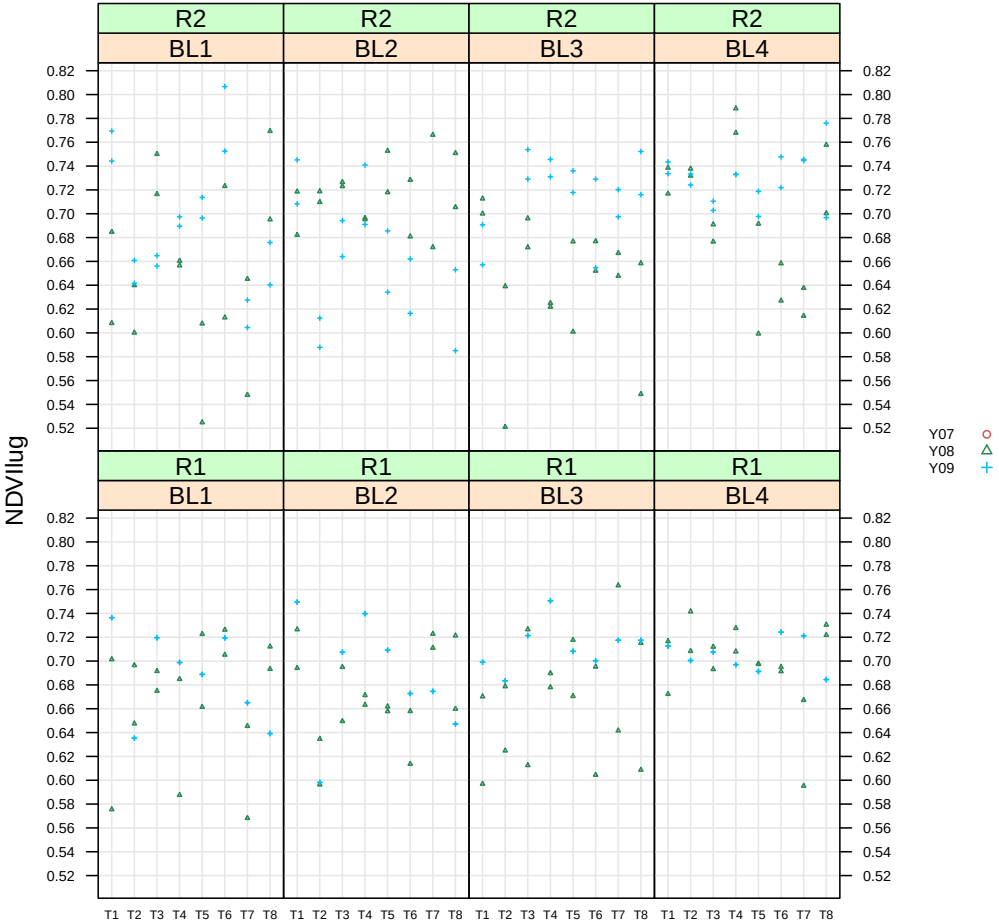


Figura 2.75: Dotplot per Tesi entro Blocco dell'Indice NDVI (luglio)

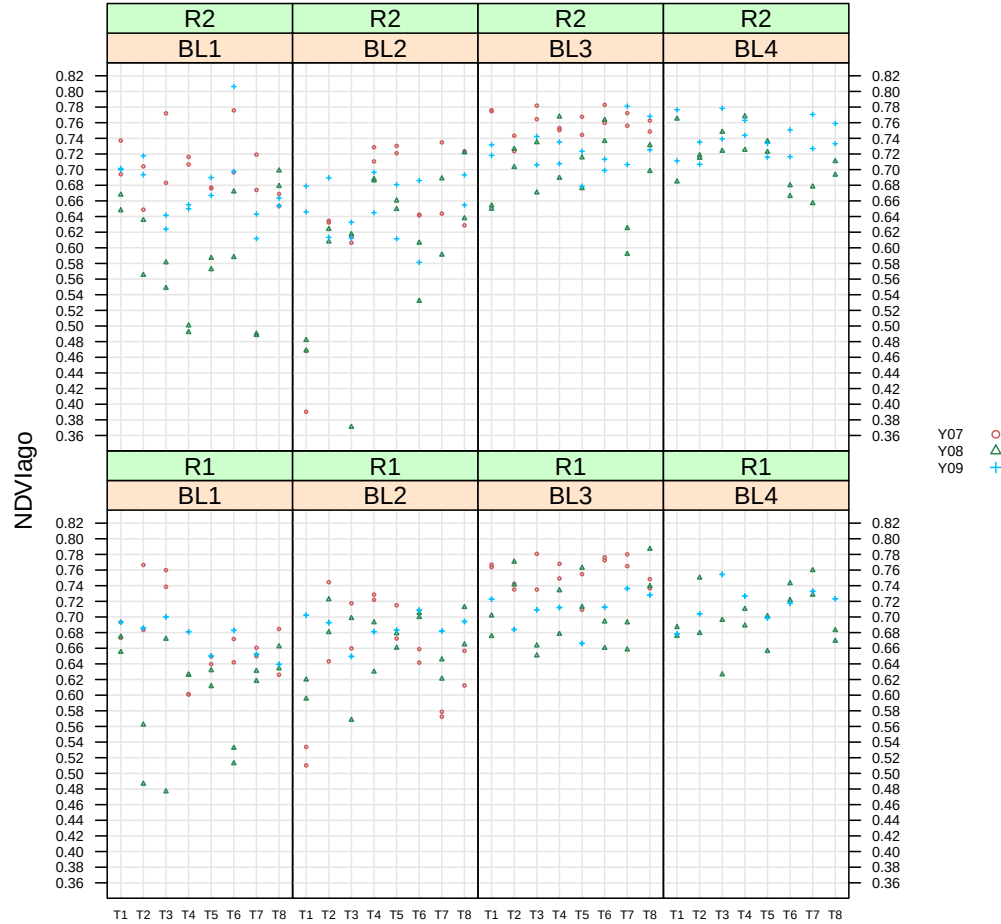


Figura 2.76: Dotplot per Tesi entro Blocco dell'Indice NDVI (agosto)

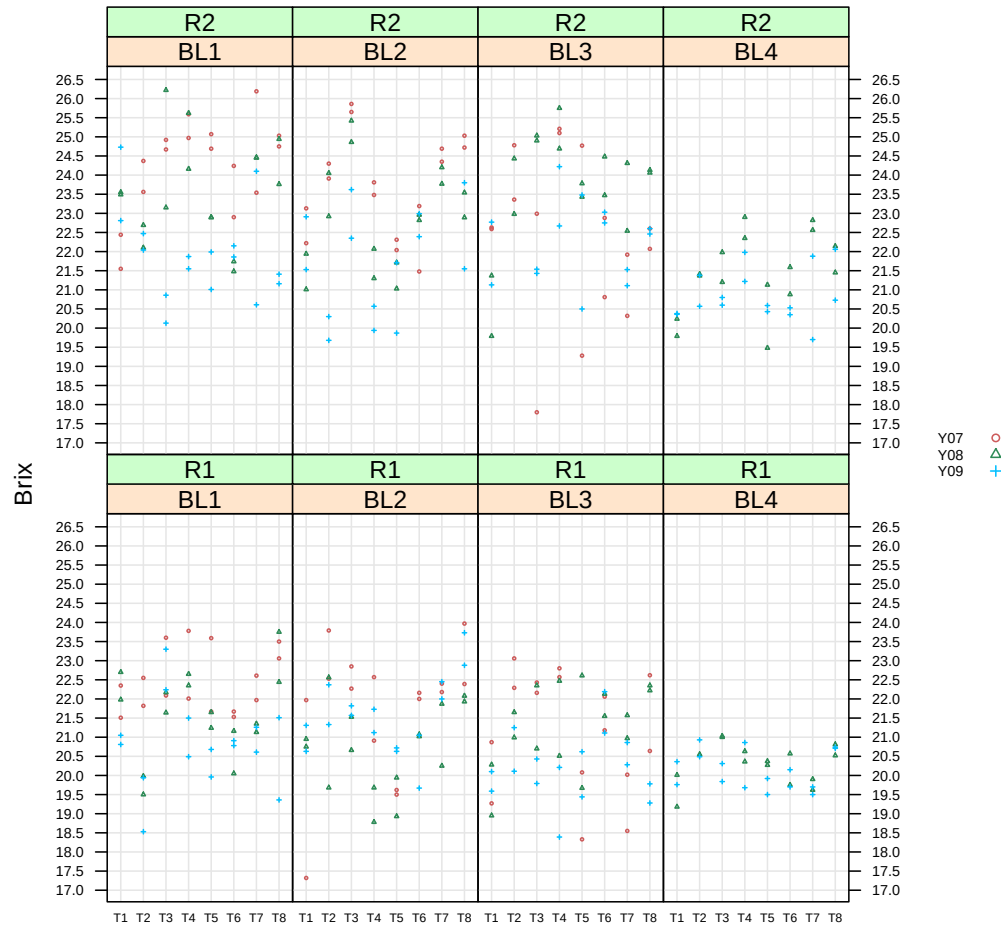


Figura 2.77: Dotplot per Tesi entro Blocco del Brix

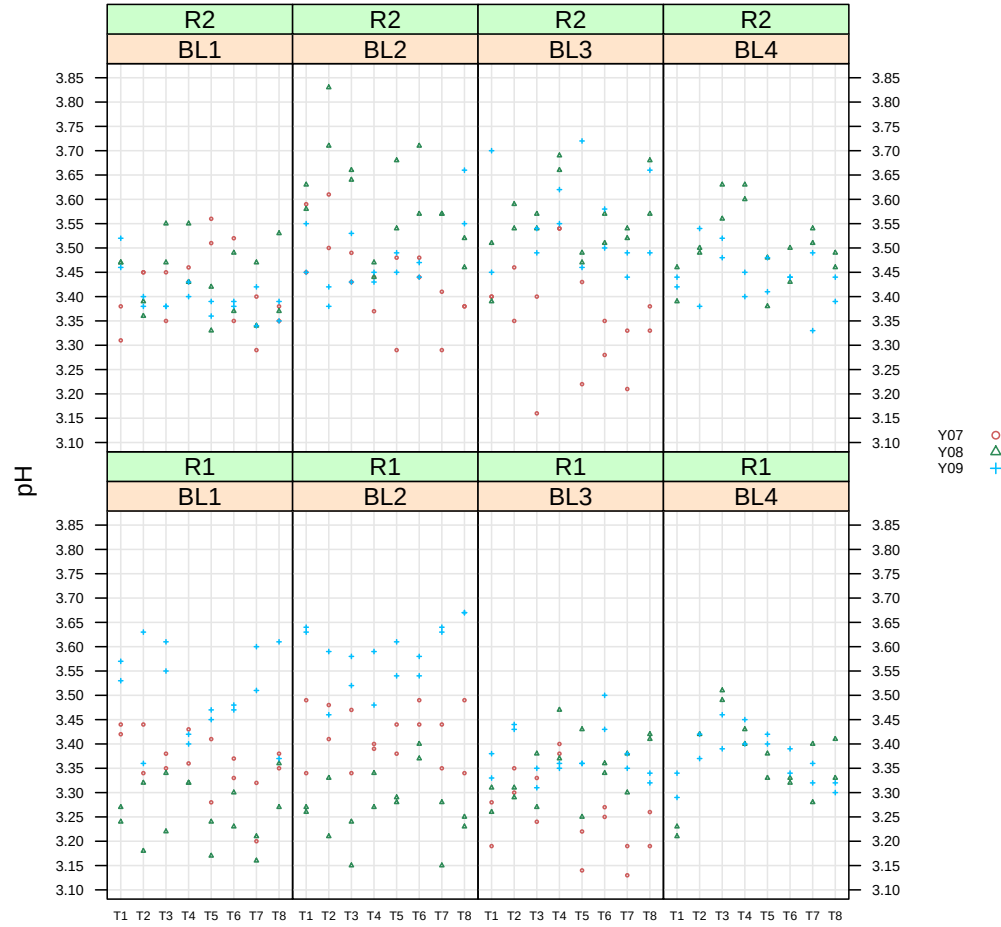


Figura 2.78: Dotplot per Tesi entro Blocco del pH

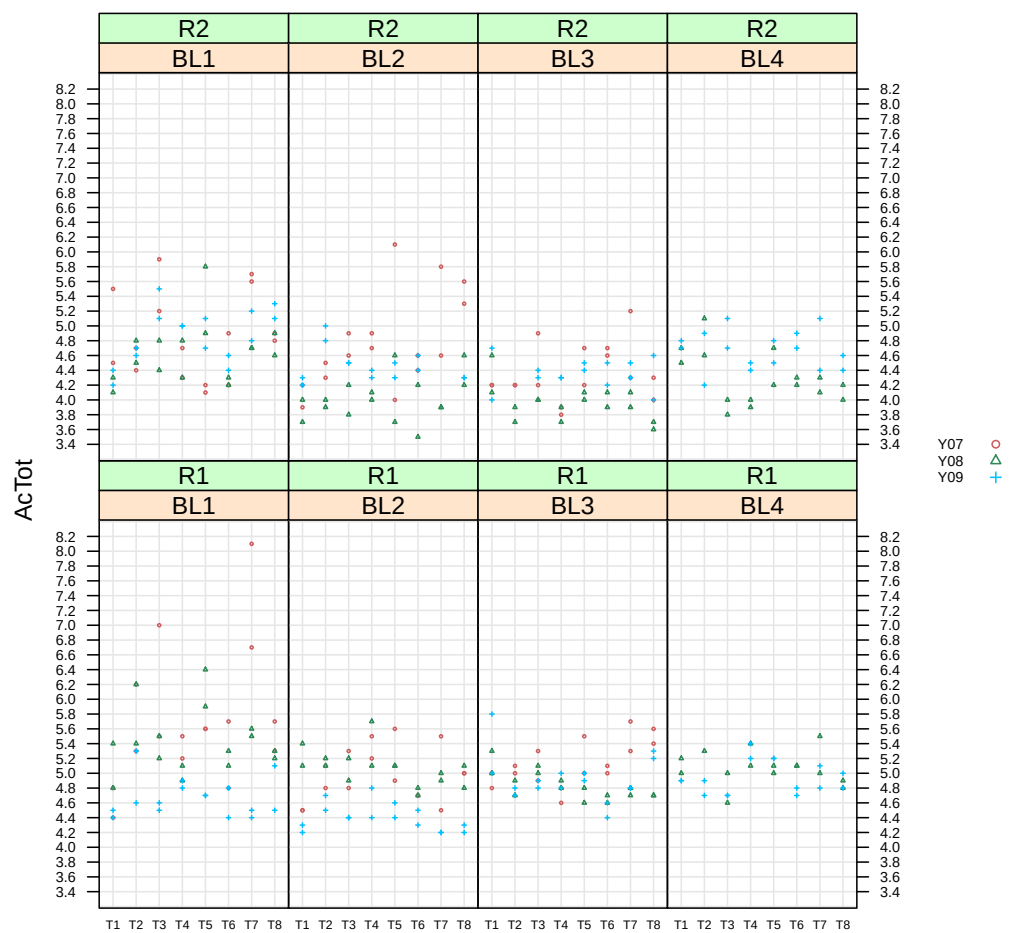


Figura 2.79: Dotplot per Tesi entro Blocco dell'Acidità totale

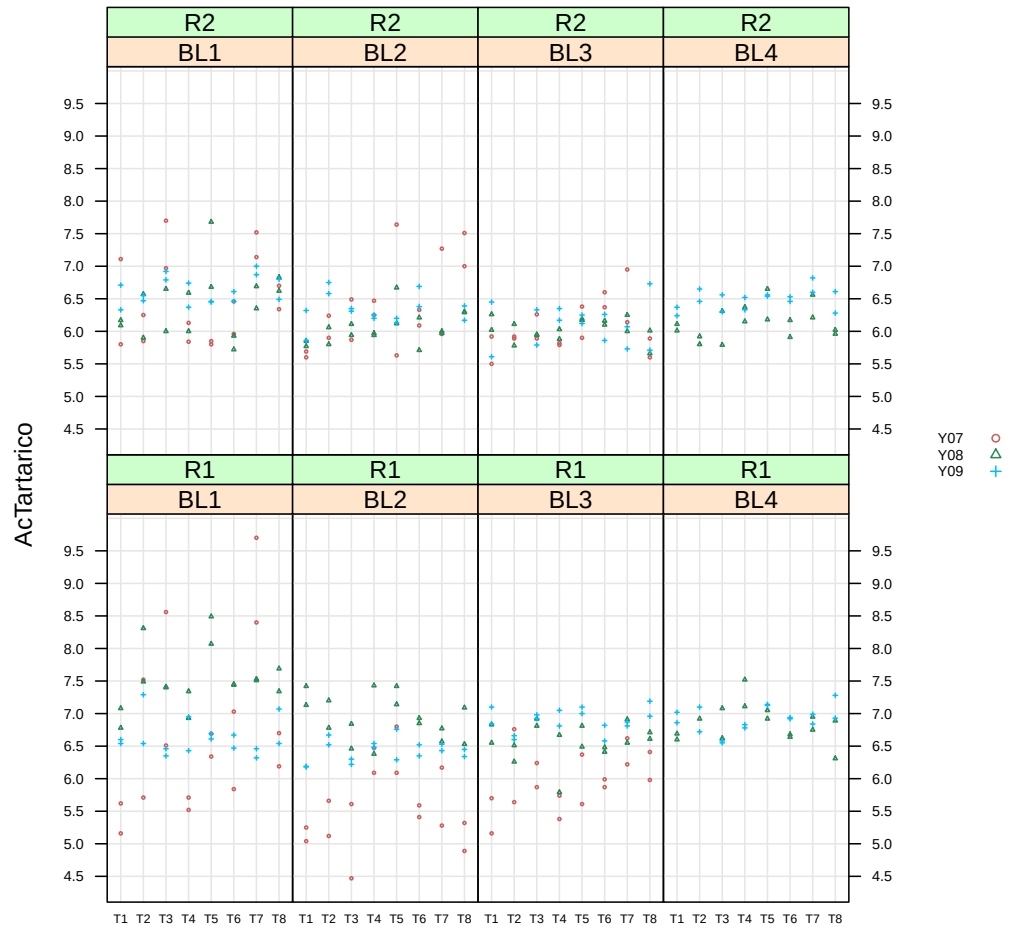


Figura 2.80: Dotplot per Tesi entro Blocco dell'Acido tartarico

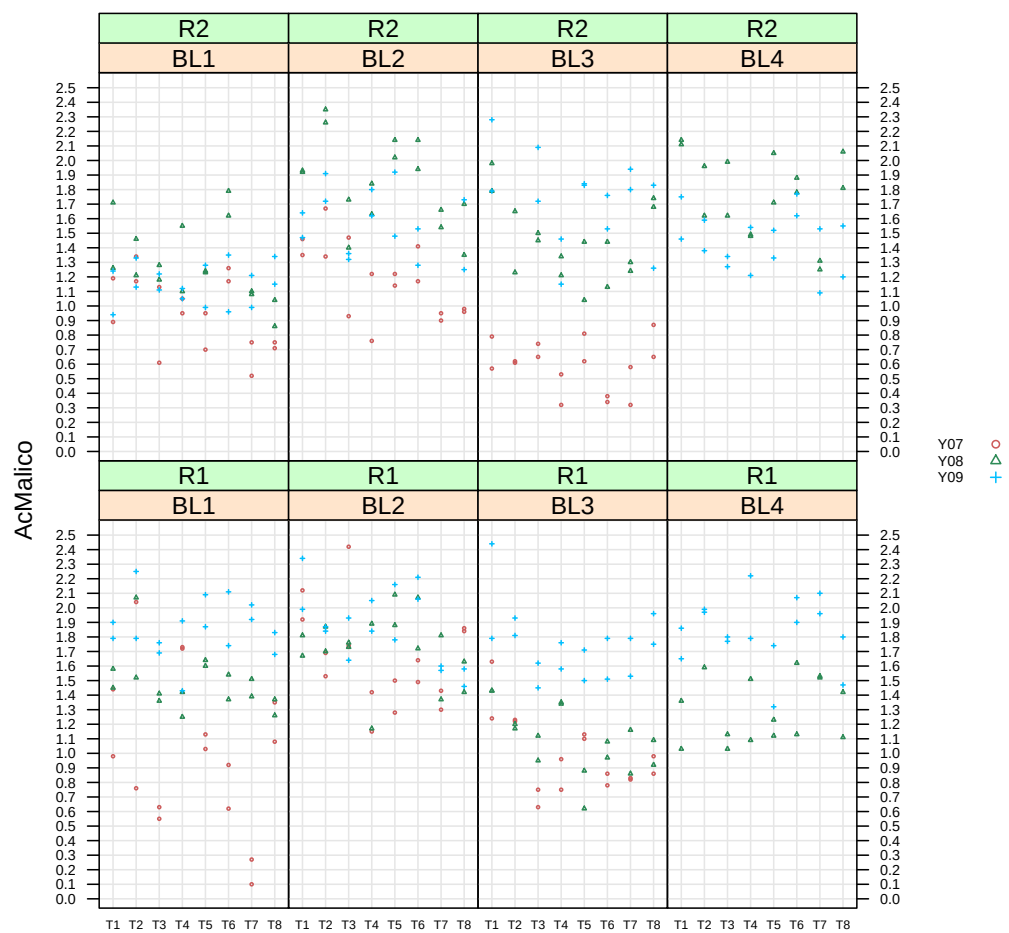


Figura 2.81: Dotplot per Tesi entro Blocco dell'Acido Malico

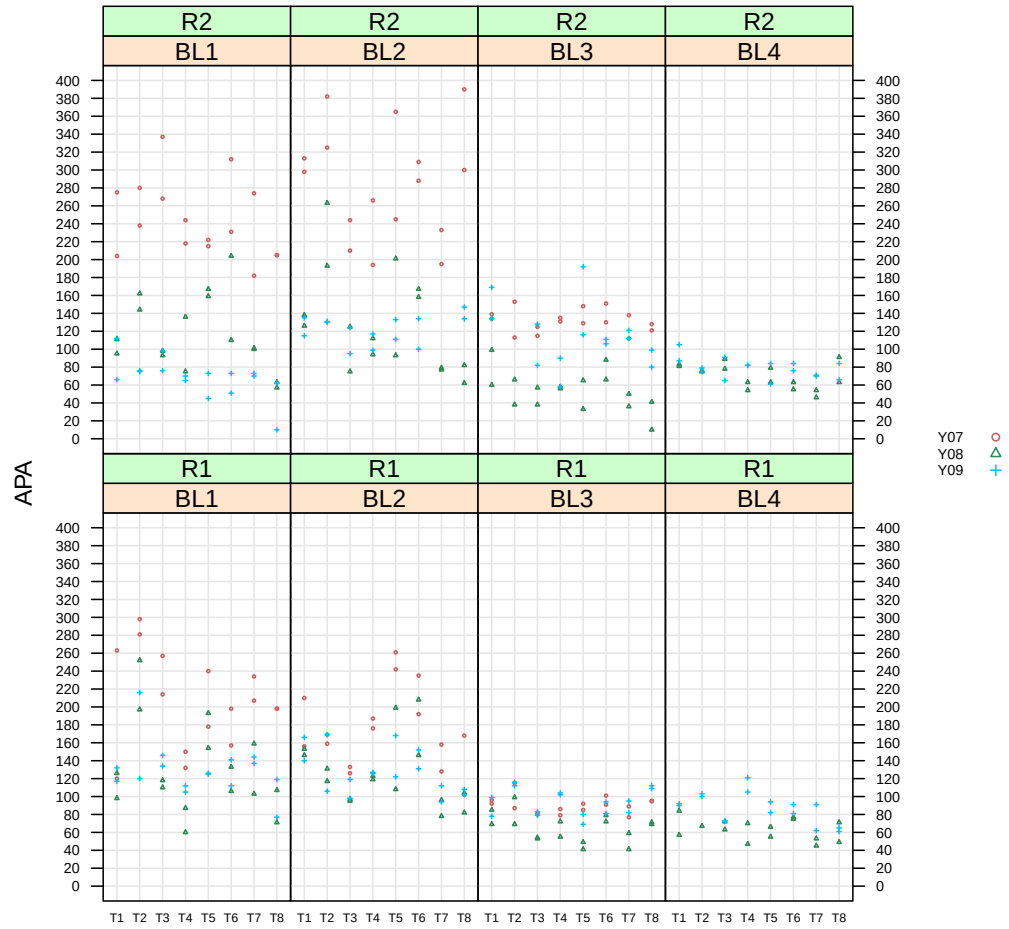


Figura 2.82: Dotplot per Tesi entro Blocco dell'Azoto prontamente assimilabile

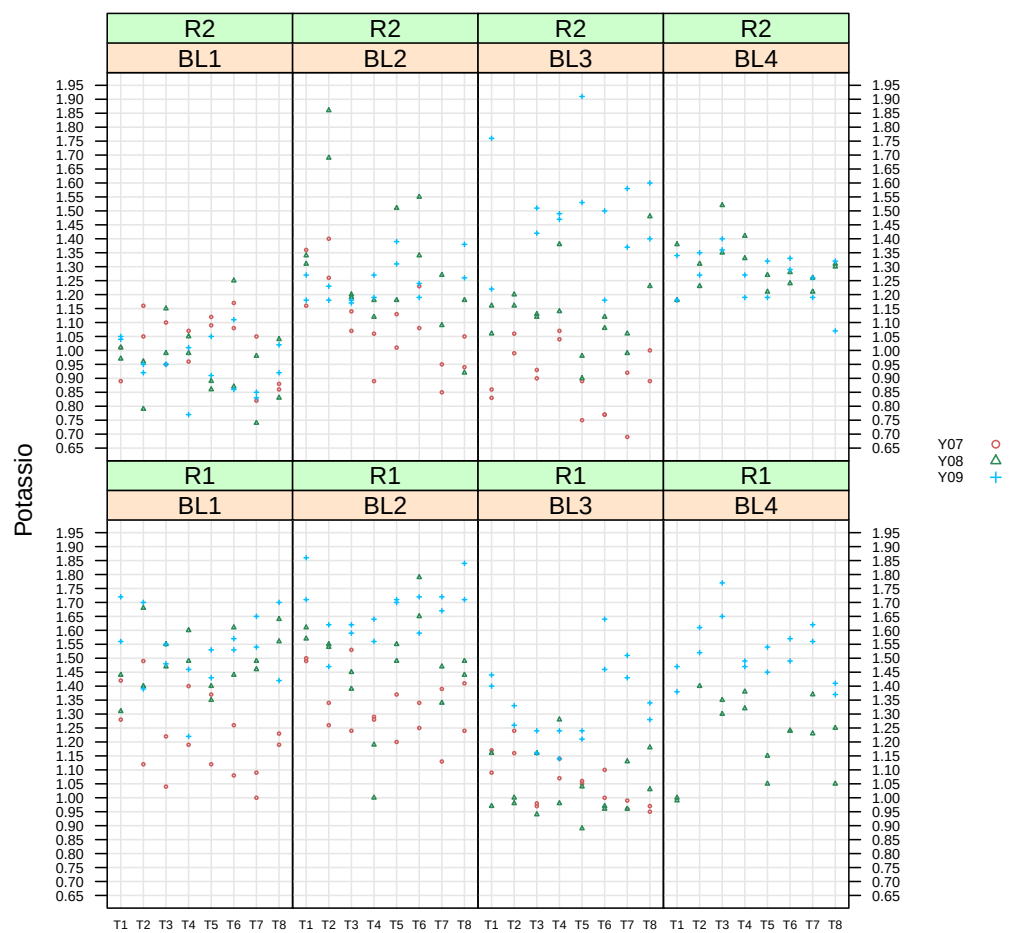


Figura 2.83: Dotplot per Tesi entro Blocco del Potassio

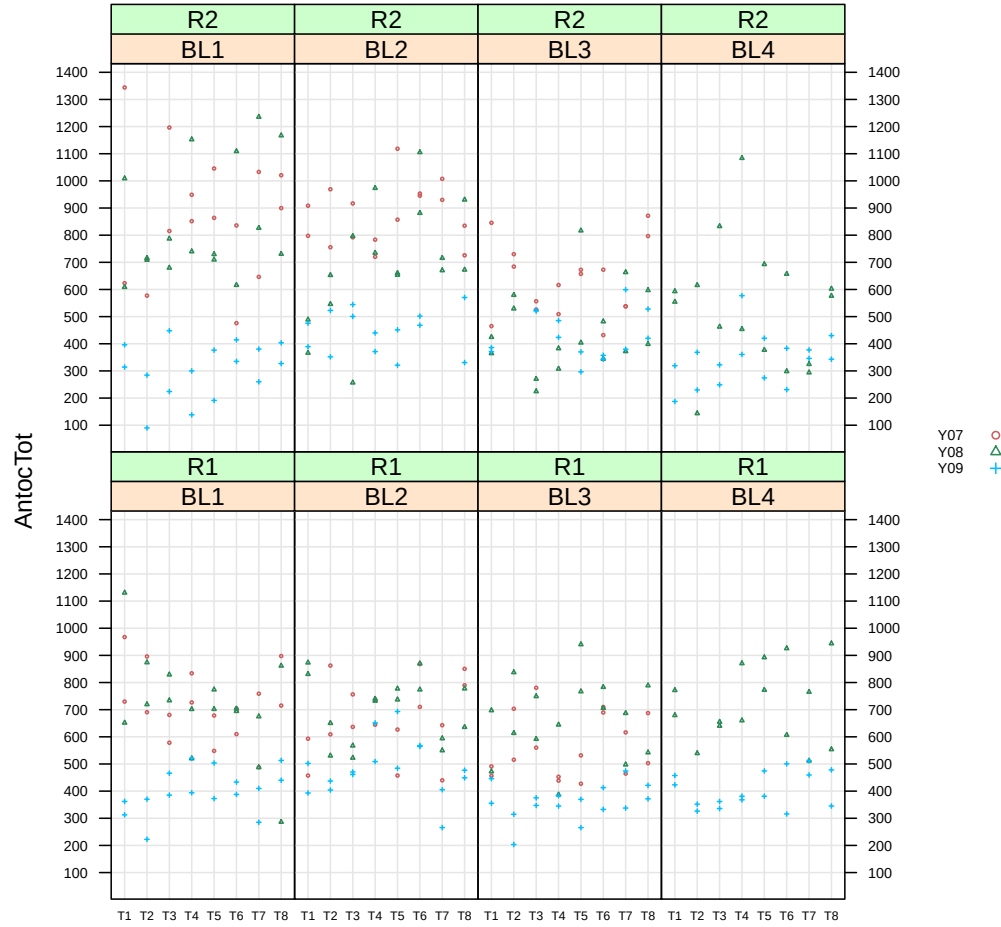


Figura 2.84: Dotplot per Tesi entro Blocco degli Antociani totali

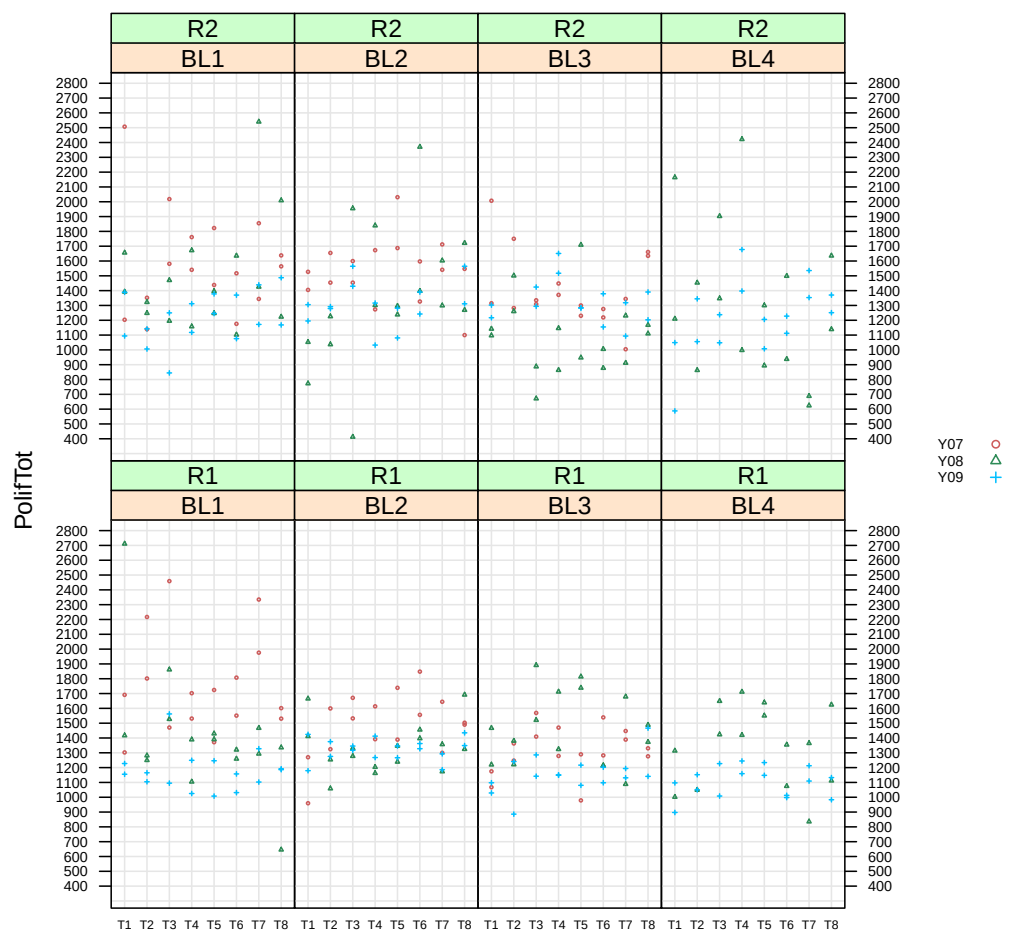


Figura 2.85: Dotplot per Tesi entro Blocco dei Polifenoli totali

Capitolo 3

Vigneto sperimentale di Cacciagrande



Azienda: **Le Mortelle**
 Vigneto: **Cacciagrande -Cabernet Sauvignon-**
 Luogo: **Castiglione della Pescaia (GR)**

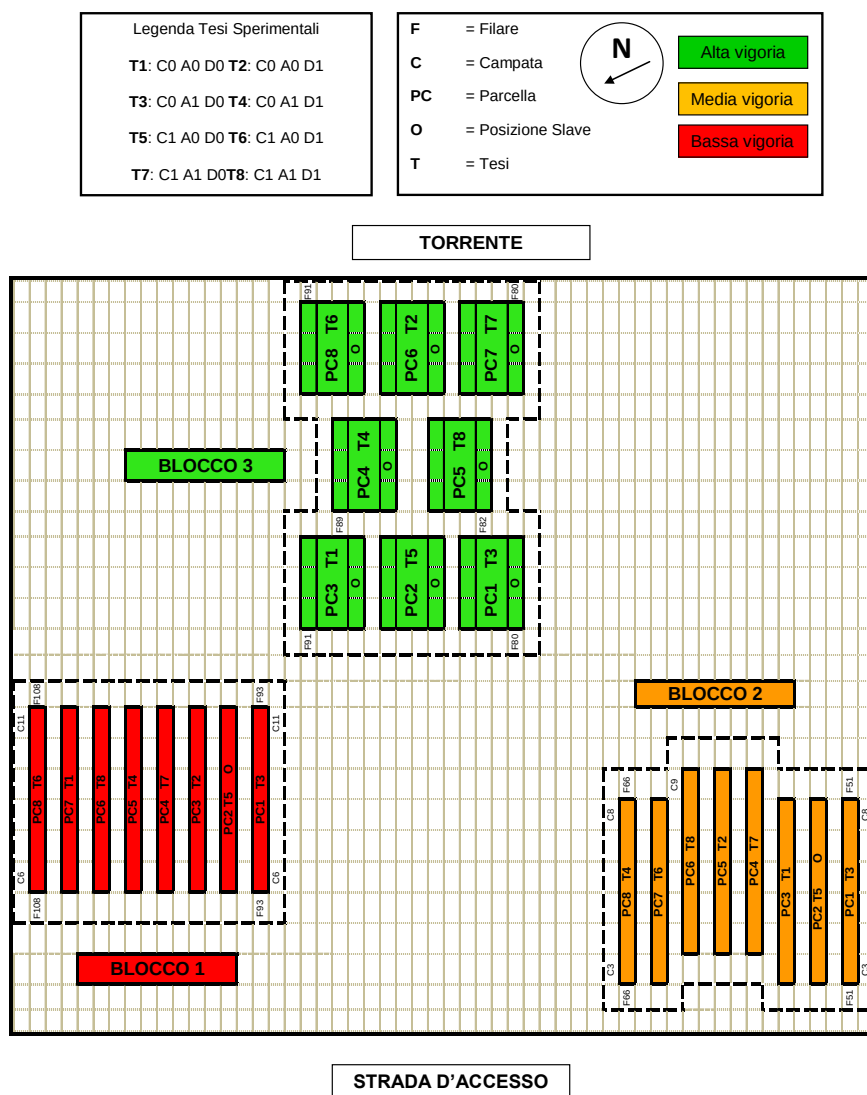


Figura 3.1: Schema di Cacciagrande

3.1 Statistiche descrittive

3.1.1 Sommari per Blocco

Anno: Y07 - Blocco: BL1 - Raccolta: R1							Anno: Y07 - Blocco: BL1 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	616.70	841.70	1079.00	1344.00	1750.00	2950.00	PesoUvaPia	625.00	845.80	1225.00	1261.00	1550.00	2100.00
PesoGrapM	71.31	103.90	115.80	122.30	132.50	219.40	PesoGrapM	66.97	93.59	111.00	121.90	149.20	205.60
PesoGermM	27.75	39.44	42.64	55.67	65.34	149.00	PesoGermM	23.67	48.66	61.61	61.46	73.25	97.78
PesoLegnoM	293.30	348.30	468.30	531.10	617.50	1270.00	PesoLegnoM	253.30	485.00	541.70	585.00	682.50	1030.00
IndFertil	0.94	1.20	1.30	1.35	1.50	1.80	IndFertil	0.85	1.25	1.42	1.38	1.57	1.60
IndRavaz	1.30	1.92	2.44	2.98	3.52	8.07	IndRavaz	0.89	1.69	2.16	2.46	3.44	4.69
SPADgiu	37.75	40.15	40.92	40.58	41.18	42.43	SPADgiu	39.10	39.95	40.26	40.74	41.12	45.10
NDVIgiu	0.86	0.88	0.89	0.89	0.90	0.91	NDVIgiu	0.85	0.87	0.88	0.88	0.89	0.91
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	33.40	36.50	37.59	37.34	38.48	42.85	SPADago	36.77	38.58	39.95	40.04	41.64	44.60
NDVIago	0.72	0.74	0.76	0.77	0.78	0.82	NDVIago	0.71	0.74	0.75	0.75	0.75	0.79
Brix	22.32	22.66	23.86	23.98	25.04	26.17	Brix	24.04	25.07	25.61	25.64	26.38	27.13
pH	3.34	3.38	3.44	3.46	3.51	3.67	pH	3.44	3.48	3.56	3.54	3.57	3.65
AcTot	4.50	4.60	4.75	4.78	4.83	5.40	AcTot	3.40	3.60	3.70	3.70	3.80	4.00
AcTartarico	4.79	5.08	5.48	5.44	5.67	6.42	AcTartarico	4.98	5.05	5.18	5.30	5.53	5.84
AcMalico	0.80	1.05	1.15	1.24	1.27	2.17	AcMalico	0.91	1.09	1.33	1.31	1.43	1.78
Potassio	1.55	1.61	1.70	1.74	1.85	2.03	Potassio	1.08	1.38	1.47	1.45	1.53	1.68
APA	25.00	44.00	53.00	54.06	63.25	82.00	APA	65.00	91.75	97.00	102.00	106.20	162.00
AntocTot	540.90	770.40	846.70	872.00	1025.00	1184.00	AntocTot	746.20	904.10	1061.00	1067.00	1217.00	1437.00
PolifTot	1190.00	1368.00	1444.00	1467.00	1564.00	1758.00	PolifTot	1134.00	1266.00	1323.00	1414.00	1600.00	1733.00
Anno: Y07 - Blocco: BL2 - Raccolta: R1							Anno: Y07 - Blocco: BL2 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	566.70	854.20	1050.00	1421.00	1700.00	4125.00	PesoUvaPia	455.00	708.30	841.70	1040.00	1306.00	2775.00
PesoGrapM	68.88	85.15	105.20	107.60	117.40	162.50	PesoGrapM	42.13	59.28	83.09	89.07	109.30	169.60
PesoGermM	37.78	51.55	65.41	64.74	70.17	105.10	PesoGermM	26.28	54.26	60.80	64.03	68.35	106.50
PesoLegnoM	306.70	492.50	600.00	645.80	835.00	1010.00	PesoLegnoM	306.70	510.00	681.70	627.10	722.50	830.00
IndFertil	0.93	1.38	1.53	1.49	1.67	2.07	IndFertil	1.00	1.34	1.55	1.50	1.61	1.95
IndRavaz	1.18	1.56	2.17	2.34	2.76	5.30	IndRavaz	0.74	1.10	1.66	1.88	2.42	3.44
SPADgiu	36.95	41.23	42.98	42.56	44.35	46.50	SPADgiu	39.30	41.56	42.70	43.16	44.44	48.25
NDVIgiu	0.84	0.86	0.87	0.87	0.87	0.89	NDVIgiu	0.84	0.86	0.87	0.87	0.87	0.89
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	36.05	38.96	39.98	39.85	40.47	42.95	SPADago	40.30	41.51	42.34	42.26	43.20	44.00
NDVIago	0.50	0.56	0.58	0.58	0.61	0.64	NDVIago	0.54	0.57	0.58	0.59	0.61	0.64
Brix	21.05	22.39	23.57	23.29	24.22	25.33	Brix	23.14	24.36	25.20	25.23	26.08	27.79
pH	3.27	3.31	3.40	3.40	3.47	3.55	pH	3.40	3.48	3.50	3.50	3.53	3.64
AcTot	4.60	4.70	4.95	4.94	5.20	5.30	AcTot	3.40	3.98	4.15	4.12	4.20	4.80
AcTartarico	5.49	5.66	5.95	5.94	6.06	7.11	AcTartarico	5.27	5.58	6.00	5.96	6.22	6.59
AcMalico	0.37	0.62	0.80	0.84	1.06	1.40	AcMalico	0.46	0.62	0.86	0.88	1.06	1.46
Potassio	1.29	1.40	1.48	1.53	1.58	1.92	Potassio	1.10	1.22	1.28	1.27	1.34	1.51
APA	47.00	71.25	83.50	81.81	94.00	113.00	APA	97.00	106.80	109.50	112.80	118.50	134.00
AntocTot	333.00	674.10	1088.00	983.10	1321.00	1427.00	AntocTot	849.00	990.30	1173.00	1159.00	1295.00	1444.00
PolifTot	460.30	1006.00	1505.00	1399.00	1755.00	2417.00	PolifTot	1199.00	1288.00	1643.00	1572.00	1783.00	1939.00

Anno: Y07 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1100.00	1629.00	1954.00	2240.00	2750.00	4050.00
PesoGrapM	110.00	147.60	184.40	178.60	204.70	233.30
PesoGermM	37.71	49.80	60.63	65.43	77.40	111.20
PesoLegnoM	280.00	502.50	602.50	626.10	743.30	1213.00
IndFertil	1.13	1.28	1.57	1.55	1.63	2.23
IndRavaz	2.34	2.50	3.28	4.00	5.16	7.57
SPADgiu	40.00	40.70	41.50	42.12	43.05	47.07
NDVIgiu	0.85	0.87	0.87	0.87	0.88	0.89
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	36.55	39.01	40.19	40.23	41.48	44.00
NDVIago	0.66	0.68	0.70	0.71	0.72	0.78
Brix	20.46	20.90	22.24	22.12	23.13	24.10
pH	3.26	3.35	3.42	3.39	3.43	3.48
AcTot	4.10	4.38	4.55	4.59	4.72	5.30
AcTartarico	4.54	4.80	4.97	5.07	5.12	5.96
AcMalico	1.35	1.57	1.75	1.86	2.10	2.44
Potassio	1.49	1.54	1.62	1.61	1.66	1.73
APA	59.00	65.75	71.50	73.00	80.25	90.00
AntocTot	543.10	764.50	877.40	947.10	1069.00	1816.00
PolifTot	915.20	1066.00	1268.00	1311.00	1331.00	2505.00

Anno: Y07 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	1267.00	1825.00	2629.00	2448.00	3083.00	3975.00
PesoGrapM	130.60	149.20	178.10	182.60	204.40	286.80
PesoGermM	34.09	52.26	59.94	64.43	71.58	107.60
PesoLegnoM	390.00	512.50	581.70	625.00	645.00	1070.00
IndFertil	1.31	1.47	1.53	1.66	1.69	2.81
IndRavaz	1.71	2.91	3.35	4.47	5.89	9.64
SPADgiu	39.70	40.80	42.15	42.20	43.05	46.03
NDVIgiu	0.85	0.87	0.88	0.88	0.88	0.89
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	39.30	41.86	43.44	42.98	44.37	45.60
NDVIago	0.69	0.71	0.72	0.73	0.74	0.77
Brix	20.65	23.00	23.67	23.44	24.16	24.72
pH	3.36	3.47	3.50	3.49	3.51	3.57
AcTot	3.20	3.50	3.65	3.70	3.80	4.80
AcTartarico	5.10	5.41	5.55	5.56	5.75	6.00
AcMalico	1.23	1.35	1.47	1.52	1.62	2.19
Potassio	1.20	1.27	1.31	1.32	1.39	1.45
APA	84.00	93.50	101.00	99.69	108.00	113.00
AntocTot	710.00	787.20	914.60	942.50	1046.00	1577.00
PolifTot	885.30	1007.00	1120.00	1154.00	1241.00	1789.00

Anno: Y08 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	333.30	751.70	966.70	1184.00	1358.00	2900.00
PesoGrapM	63.33	119.40	127.30	128.80	136.30	231.30
PesoGermM	18.01	34.00	38.73	50.17	50.40	135.40
PesoLegnoM	186.70	332.50	366.70	450.00	495.00	1050.00
IndFertil	0.61	1.06	1.24	1.25	1.51	1.78
IndRavaz	0.97	1.92	2.34	3.21	4.33	7.48
SPADgiu	33.05	38.87	40.22	39.73	41.04	42.40
NDVIgiu	0.55	0.68	0.72	0.70	0.74	0.75
SPADlug	38.27	41.46	42.56	41.96	42.85	43.70
NDVIlug	0.61	0.63	0.66	0.67	0.70	0.73
SPADago	37.43	39.97	40.52	40.38	41.27	43.00
NDVIago	0.55	0.60	0.67	0.66	0.71	0.74
Brix	20.93	22.95	23.52	23.32	23.95	24.51
pH	3.34	3.47	3.54	3.52	3.57	3.67
AcTot	2.90	3.00	3.15	3.20	3.30	4.10
AcTartarico	4.14	4.36	4.45	4.51	4.59	5.23
AcMalico	1.01	1.19	1.31	1.32	1.45	1.60
Potassio	1.06	1.19	1.29	1.28	1.36	1.51
APA	10.00	33.50	39.50	38.88	48.50	58.00
AntocTot	278.10	521.10	643.00	682.00	760.80	1278.00
PolifTot	676.10	1035.00	1202.00	1214.00	1336.00	1684.00

Anno: Y08 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	526.70	880.00	1012.00	1074.00	1330.00	2020.00
PesoGrapM	54.33	67.86	102.90	102.00	126.70	156.90
PesoGermM	14.40	39.01	45.10	48.09	60.98	83.57
PesoLegnoM	180.00	370.00	440.00	453.10	495.00	870.00
IndFertil	1.16	1.22	1.41	1.39	1.47	1.69
IndRavaz	0.97	1.80	2.60	2.90	3.61	5.82
SPADgiu	34.95	39.62	40.09	40.06	41.17	42.93
NDVIgiu	0.63	0.69	0.71	0.70	0.73	0.74
SPADlug	39.70	42.35	43.48	43.37	45.32	46.75
NDVIlug	0.64	0.66	0.71	0.70	0.73	0.77
SPADago	41.25	42.93	43.50	43.51	44.18	45.70
NDVIago	0.59	0.72	0.74	0.73	0.76	0.78
Brix	22.23	24.51	25.30	25.00	25.73	27.06
pH	3.39	3.54	3.65	3.64	3.74	3.82
AcTot	3.20	3.30	3.30	3.40	3.45	3.90
AcTartarico	4.83	4.99	5.23	5.15	5.30	5.43
AcMalico	1.15	1.40	1.58	1.55	1.70	1.94
Potassio	1.31	1.47	1.73	1.68	1.86	2.10
APA	10.00	10.00	10.00	17.13	25.00	39.00
AntocTot	374.90	449.60	521.90	531.70	604.90	773.60
PolifTot	641.20	852.60	923.80	921.70	984.50	1349.00

Anno: Y08 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	380.00	740.00	960.00	1130.00	1265.00	3047.00
PesoGrapM	67.76	77.11	92.30	98.45	121.20	146.70
PesoGermM	23.26	38.35	43.37	45.39	47.52	100.80
PesoLegnoM	233.30	316.70	468.30	464.40	572.50	786.70
IndFertil	0.72	1.20	1.31	1.32	1.45	1.85
IndRavaz	1.35	1.61	2.23	2.55	3.16	5.16
SPADgiu	35.95	39.35	39.75	39.86	40.71	42.10
NDVIgiu	0.71	0.72	0.74	0.74	0.75	0.79
SPADlug	41.75	42.58	43.20	43.54	43.93	46.50
NDVIlug	0.54	0.57	0.62	0.63	0.69	0.75
SPADago	36.85	39.00	40.33	40.02	40.73	44.03
NDVIago	0.50	0.63	0.65	0.65	0.71	0.76
Brix	20.05	21.96	22.58	22.46	22.95	24.16
pH	3.36	3.47	3.50	3.50	3.56	3.60
AcTot	3.30	3.50	3.65	3.70	3.80	4.50
AcTartarico	4.85	5.06	5.20	5.25	5.39	5.85
AcMalico	1.01	1.23	1.29	1.33	1.43	1.73
Potassio	1.03	1.16	1.22	1.22	1.29	1.41
APA	33.00	50.75	55.50	56.94	63.75	82.00
AntocTot	648.10	860.10	969.20	960.80	1062.00	1263.00
PolifTot	967.40	1180.00	1402.00	1356.00	1501.00	1687.00

Anno: Y08 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	526.70	837.50	951.70	1106.00	1208.00	2840.00
PesoGrapM	54.00	61.26	79.74	88.38	112.30	137.80
PesoGermM	16.00	36.52	46.75	49.41	56.65	95.83
PesoLegnoM	206.70	395.00	496.70	492.10	567.50	810.00
IndFertil	0.99	1.27	1.42	1.44	1.59	1.91
IndRavaz	1.11	1.62	2.13	2.76	2.86	8.10
SPADgiu	35.77	40.09	40.70	40.72	42.36	43.63
NDVIgiu	0.69	0.72	0.74	0.74	0.75	0.79
SPADlug	42.30	44.15	45.03	44.87	45.86	47.13
NDVIlug	0.48	0.65	0.68	0.67	0.70	0.75
SPADago	40.17	42.14	43.64	43.61	45.00	46.75
NDVIago	0.64	0.71	0.73	0.72	0.75	0.78
Brix	22.48	23.69	24.60	24.54	25.50	25.83
pH	3.39	3.54	3.59	3.57	3.63	3.65
AcTot	3.20	3.45	3.50	3.53	3.60	4.10
AcTartarico	4.95	5.07	5.30	5.29	5.45	5.77
AcMalico	1.17	1.30	1.45	1.44	1.55	1.83
Potassio	1.15	1.43	1.61	1.52	1.63	1.71
APA	22.00	27.50	35.00	33.27	37.50	45.00
AntocTot	380.00	599.10	718.10	724.10	793.20	1227.00
PolifTot	532.90	964.00	1051.00	1039.00	1116.00	1699.00

Anno: Y08 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	520.00	860.00	1283.00	1326.00	1691.00	2180.00
PesoGrapM	68.85	96.51	125.60	122.10	138.10	212.70
PesoGermM	26.78	45.82	59.34	59.77	72.73	104.40
PesoLegnoM	330.00	431.70	570.00	569.80	687.50	940.00
IndFertil	0.89	1.14	1.37	1.36	1.60	1.76
IndRavaz	1.03	1.88	2.34	2.62	2.96	6.41
SPADgiu	38.27	40.56	41.83	41.90	43.31	45.75
NDVIgiu	0.60	0.68	0.71	0.70	0.74	0.77
SPADlug	42.00	43.95	44.72	44.88	45.69	48.15
NDVIlug	0.57	0.65	0.71	0.69	0.73	0.77
SPADago	38.90	39.96	40.55	41.24	42.25	45.13
NDVIago	0.55	0.66	0.69	0.69	0.73	0.78
Brix	21.13	21.57	22.31	22.27	22.98	23.53
pH	3.45	3.53	3.56	3.57	3.60	3.68
AcTot	2.90	3.35	3.40	3.51	3.75	4.00
AcTartarico	4.64	4.79	4.87	4.89	4.96	5.20
AcMalico	1.25	1.40	1.54	1.67	1.92	2.31
Potassio	1.09	1.25	1.30	1.32	1.39	1.58
APA	31.00	54.00	67.00	63.07	72.00	87.00
AntocTot	374.80	548.70	682.20	654.50	755.30	825.30
PolifTot	779.60	1147.00	1229.00	1205.00	1301.00	1357.00

Anno: Y08 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	520.00	795.00	1168.00	1366.00	1800.00	2740.00
PesoGrapM	70.00	83.47	104.70	120.50	158.30	225.00
PesoGermM	40.65	44.07	48.58	55.62	58.52	135.10
PesoLegnoM	273.30	412.50	486.70	541.20	595.00	1300.00
IndFertil	0.94	1.14	1.29	1.32	1.49	1.77
IndRavaz	1.42	1.97	2.27	2.69	3.53	4.69
SPADgiu	40.13	41.97	43.50	43.31	44.43	46.50
NDVIgiu	0.69	0.75	0.76	0.76	0.77	0.81
SPADlug	40.43	44.39	45.15	45.45	47.08	48.50
NDVIlug	0.58	0.71	0.73	0.73	0.76	0.80
SPADago	42.20	43.82	44.95	44.87	45.26	49.13
NDVIago	0.63	0.69	0.73	0.73	0.77	0.81
Brix	21.65	23.60	23.88	23.80	24.39	25.35
pH	3.46	3.60	3.63	3.62	3.65	3.72
AcTot	3.20	3.50	3.70	3.68	3.83	4.00
AcTartarico	4.56	4.96	5.00	5.04	5.08	5.57
AcMalico	1.69	1.80	1.94	2.02	2.19	2.54
Potassio	1.44	1.66	1.72	1.74	1.86	1.99
APA	25.00	33.00	37.50	41.00	46.75	78.00
AntocTot	277.10	429.50	565.30	549.90	644.80	785.40
PolifTot	589.70	883.80	1017.00	1023.00	1230.00	1394.00

Anno: Y09 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	353.30	585.00	685.00	757.60	867.50	1790.00
PesoGrapM	64.81	87.75	97.34	104.40	118.20	156.00
PesoGermM	22.22	45.20	60.37	64.71	84.31	119.70
PesoLegnoM	250.00	517.50	661.70	680.80	853.30	1213.00
IndFertil	0.44	0.51	0.64	0.69	0.82	1.27
IndRavaz	0.46	0.82	1.16	1.57	1.60	4.67
SPADgiu	37.45	40.94	41.61	41.49	42.12	44.17
NDVIgiu	0.53	0.55	0.60	0.60	0.64	0.71
SPADlug	39.60	40.88	42.02	42.06	43.08	45.95
NDVIlug	0.47	0.57	0.60	0.59	0.63	0.66
SPADago	36.80	39.74	40.84	40.72	41.78	44.65
NDVIago	0.45	0.56	0.59	0.58	0.62	0.66
Brix	24.15	25.07	25.62	25.60	26.21	27.21
pH	3.59	3.66	3.73	3.71	3.75	3.84
AcTot	4.20	4.38	4.50	4.57	4.62	5.20
AcTartarico	4.65	4.82	4.97	5.01	5.16	5.69
AcMalico	1.80	1.95	2.08	2.12	2.29	2.48
Potassio	1.81	1.89	1.98	2.02	2.18	2.29
APA	65.00	98.25	112.00	108.60	121.00	140.00
AntocTot	90.00	90.00	177.40	175.40	221.20	351.30
PolifTot	948.20	1053.00	1087.00	1105.00	1178.00	1301.00

Anno: Y09 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	360.00	462.50	605.00	657.30	735.80	1510.00
PesoGrapM	66.67	75.83	82.13	88.91	96.24	131.50
PesoGermM	42.17	55.34	63.74	72.46	73.69	185.40
PesoLegnoM	513.30	569.20	645.00	689.20	762.50	1210.00
IndFertil	0.36	0.56	0.78	0.81	0.96	1.40
IndRavaz	0.43	0.73	1.00	1.23	1.47	3.20
SPADgiu	40.50	42.08	42.50	42.81	43.76	46.20
NDVIgiu	0.64	0.69	0.70	0.71	0.72	0.75
SPADlug	37.70	41.30	42.97	42.56	44.36	45.05
NDVIlug	0.57	0.63	0.66	0.66	0.68	0.78
SPADago	40.07	41.71	42.12	42.81	44.06	46.25
NDVIago	0.53	0.64	0.67	0.66	0.69	0.76
Brix	24.78	25.89	26.45	26.58	27.26	28.37
pH	3.69	3.81	3.84	3.85	3.87	4.01
AcTot	4.20	4.50	4.60	4.64	4.83	5.10
AcTartarico	5.47	5.68	5.81	5.89	6.07	6.31
AcMalico	1.14	1.48	1.59	1.60	1.69	2.07
Potassio	2.04	2.15	2.19	2.25	2.26	2.69
APA	41.00	59.00	66.00	70.38	85.25	105.00
AntocTot	90.00	155.60	176.00	217.40	275.60	521.20
PolifTot	846.20	1135.00	1192.00	1211.00	1268.00	1480.00

Anno: Y09 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	353.30	678.30	1007.00	1360.00	1911.00	3540.00
PesoGrapM	66.11	109.70	130.60	127.90	147.10	174.70
PesoGermM	42.98	53.66	67.69	78.45	97.00	145.00
PesoLegnoM	420.00	653.30	810.00	858.70	1058.00	1450.00
IndFertil	0.32	0.69	0.87	0.88	1.01	1.70
IndRavaz	0.44	1.02	1.59	1.95	2.55	6.20
SPADgiu	41.37	42.88	43.30	43.32	43.89	45.00
NDVIgiu	0.52	0.56	0.57	0.59	0.64	0.71
SPADlug	42.35	45.01	45.55	45.41	46.56	47.35
NDVIlug	0.55	0.66	0.68	0.68	0.70	0.76
SPADago	39.05	40.50	41.92	41.96	42.95	47.00
NDVIago	0.61	0.65	0.67	0.67	0.70	0.72
Brix	22.51	23.83	24.45	24.17	24.66	25.38
pH	3.50	3.58	3.62	3.62	3.66	3.70
AcTot	3.80	3.98	4.00	4.04	4.12	4.30
AcTartarico	4.42	4.77	4.82	4.87	4.97	5.28
AcMalico	1.76	1.97	2.12	2.16	2.30	2.88
Potassio	1.52	1.75	1.84	1.81	1.90	2.07
APA	98.00	113.80	119.00	121.40	125.80	152.00
AntocTot	90.00	297.90	358.20	364.50	429.80	717.20
PolifTot	970.10	1078.00	1140.00	1154.00	1192.00	1386.00

Anno: Y09 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	420.00	663.30	935.00	1141.00	1263.00	3260.00
PesoGrapM	57.50	105.20	134.50	128.60	158.10	178.50
PesoGermM	32.42	53.51	63.15	66.86	82.12	96.01
PesoLegnoM	410.00	685.00	765.00	762.30	845.00	1130.00
IndFertil	0.34	0.57	0.68	0.75	0.84	1.62
IndRavaz	0.56	0.99	1.56	1.62	1.77	5.14
SPADgiu	43.03	44.15	45.00	45.02	45.78	47.40
NDVIgiu	0.57	0.63	0.68	0.67	0.71	0.73
SPADlug	43.43	44.39	45.65	45.67	46.24	48.10
NDVIlug	0.69	0.70	0.71	0.72	0.74	0.76
SPADago	40.20	42.75	43.88	43.73	44.85	45.95
NDVIago	0.63	0.72	0.74	0.73	0.75	0.78
Brix	22.88	23.52	24.16	24.39	24.86	26.76
pH	3.61	3.65	3.71	3.71	3.77	3.84
AcTot	3.90	4.10	4.30	4.28	4.40	4.80
AcTartarico	5.68	5.96	6.02	6.02	6.14	6.23
AcMalico	1.29	1.57	1.64	1.64	1.74	1.86
Potassio	1.72	1.88	1.99	2.00	2.12	2.36
APA	42.00	65.25	71.50	72.75	76.75	97.00
AntocTot	90.00	300.20	360.00	380.90	467.40	688.70
PolifTot	858.00	999.60	1058.00	1075.00	1166.00	1338.00

Anno: Y09 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	348.00	958.30	1130.00	1209.00	1357.00	2140.00
PesoGrapM	86.73	125.00	153.10	143.80	161.70	188.10
PesoGermM	27.45	48.31	63.33	64.04	75.16	110.20
PesoLegnoM	346.70	493.30	650.00	713.80	913.30	1240.00
IndFertil	0.45	0.57	0.69	0.75	0.91	1.15
IndRavaz	0.34	1.69	2.22	2.08	2.61	3.70
SPADgiu	38.75	41.88	42.83	42.32	43.31	44.85
NDVIgiu	0.63	0.67	0.70	0.69	0.72	0.75
SPADlug	40.60	43.06	45.22	44.47	45.78	47.45
NDVIlug	0.60	0.71	0.72	0.71	0.74	0.77
SPADago	41.37	42.92	43.47	43.98	44.94	47.70
NDVIago	0.63	0.69	0.73	0.72	0.75	0.77
Brix	21.34	21.96	22.71	22.54	23.04	23.89
pH	3.44	3.48	3.51	3.52	3.53	3.69
AcTot	3.80	4.00	4.10	4.16	4.30	4.50
AcTartarico	4.49	4.70	4.83	4.79	4.87	5.03
AcMalico	2.06	2.41	2.60	2.62	2.73	3.36
Potassio	1.56	1.64	1.73	1.72	1.78	1.91
APA	76.00	103.50	111.00	111.70	125.00	135.00
AntocTot	325.80	440.50	482.30	491.30	554.00	642.20
PolifTot	958.30	1031.00	1126.00	1144.00	1221.00	1453.00

Anno: Y09 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	406.70	755.00	920.00	998.10	1240.00	1850.00
PesoGrapM	105.50	113.40	129.70	132.70	143.80	184.20
PesoGermM	29.17	51.77	64.09	78.28	76.15	274.00
PesoLegnoM	350.00	602.50	695.00	834.00	868.30	2500.00
IndFertil	0.39	0.55	0.68	0.67	0.77	1.13
IndRavaz	0.55	0.96	1.36	1.61	2.20	4.01
SPADgiu	41.47	42.39	42.95	43.01	43.62	44.90
NDVIgiu	0.62	0.69	0.73	0.72	0.76	0.77
SPADlug	40.00	44.36	45.05	44.81	45.90	46.90
NDVIlug	0.66	0.71	0.75	0.73	0.76	0.77
SPADago	40.83	43.21	45.30	44.81	46.02	48.00
NDVIago	0.71	0.74	0.75	0.75	0.76	0.81
Brix	21.22	23.15	23.82	23.61	23.96	25.21
pH	3.44	3.57	3.63	3.62	3.68	3.74
AcTot	4.00	4.20	4.20	4.26	4.40	4.60
AcTartarico	5.58	5.69	5.82	5.81	5.93	6.09
AcMalico	1.45	1.77	1.92	1.96	2.17	2.50
Potassio	1.58	1.80	1.92	1.92	2.05	2.13
APA	31.00	43.00	48.00	52.56	59.50	93.00
AntocTot	185.20	327.80	375.60	380.60	438.30	566.90
PolifTot	775.80	916.20	1033.00	1001.00	1114.00	1153.00

3.1.2 Sommari per Tesi entro Blocco

Anno: Y07

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	2400.00	185.57	96.91	848.34	1.53	3.60	42.14	-	35.82
BL1	T2	R1	733.33	99.24	37.67	331.67	1.20	2.27	40.66	-	38.48
BL1	T3	R1	991.67	120.80	66.27	459.17	1.09	2.37	40.63	-	39.13
BL1	T4	R1	945.83	140.87	83.71	741.67	1.54	1.38	40.05	-	35.13
BL1	T5	R1	1779.17	128.16	27.97	318.34	1.20	6.43	40.17	-	35.14
BL1	T6	R1	845.83	76.70	38.24	421.67	1.43	2.08	38.91	-	36.88
BL1	T7	R1	1970.83	119.43	43.30	550.00	1.42	3.61	41.00	-	37.95
BL1	T8	R1	1087.50	108.01	51.28	578.34	1.38	2.12	41.11	-	40.21
BL2	T1	R1	1804.17	123.77	72.59	685.00	1.56	3.11	39.98	-	40.12
BL2	T2	R1	883.33	105.21	91.80	783.34	1.34	1.23	43.39	-	38.89
BL2	T3	R1	945.83	104.75	55.60	503.34	0.99	2.01	39.94	-	41.13
BL2	T4	R1	862.50	89.88	62.65	478.34	1.48	1.97	44.47	-	39.50
BL2	T5	R1	3245.83	132.29	72.38	903.34	1.91	4.02	40.95	-	40.15
BL2	T6	R1	733.33	105.61	52.25	433.34	1.70	2.05	45.75	-	37.34
BL2	T7	R1	1733.33	93.05	52.21	615.00	1.53	2.76	41.31	-	41.47
BL2	T8	R1	1158.33	106.15	58.45	765.00	1.45	1.56	44.69	-	40.18
BL3	T1	R1	2450.00	201.71	71.81	675.00	1.37	3.73	42.16	-	38.98
BL3	T2	R1	1691.67	225.69	70.67	631.67	1.49	2.92	45.33	-	39.86
BL3	T3	R1	1945.83	187.45	80.38	701.67	1.17	3.23	43.00	-	39.96
BL3	T4	R1	1150.00	139.99	57.37	473.34	1.43	2.44	42.68	-	39.52
BL3	T5	R1	2616.67	134.44	50.17	521.67	1.90	5.85	40.79	-	38.18
BL3	T6	R1	3066.67	192.11	48.06	425.00	1.86	7.30	40.78	-	40.77
BL3	T7	R1	3579.17	206.38	92.60	976.67	1.63	4.08	40.23	-	42.52
BL3	T8	R1	1420.83	141.07	52.40	604.17	1.53	2.44	42.03	-	42.11
BL1	T1	R2	1712.50	201.05	69.98	593.34	1.08	3.14	43.90	-	40.23
BL1	T2	R2	1170.83	150.41	68.98	596.67	1.21	2.03	40.53	-	41.45
BL1	T3	R2	1458.33	121.51	73.11	621.67	1.50	2.66	40.36	-	43.40
BL1	T4	R2	670.83	110.87	86.11	673.34	1.46	1.10	40.96	-	41.07
BL1	T5	R2	1454.17	113.69	35.86	381.67	1.27	3.99	40.96	-	36.83
BL1	T6	R2	841.67	100.65	53.48	463.34	1.38	1.89	39.45	-	37.67
BL1	T7	R2	1862.50	88.04	44.31	595.00	1.58	3.51	39.62	-	38.93
BL1	T8	R2	920.83	88.94	59.81	755.00	1.59	1.37	40.13	-	40.73
BL2	T1	R2	1487.50	154.82	78.10	671.67	1.37	3.09	40.90	-	40.99
BL2	T2	R2	933.33	116.34	96.99	793.34	1.70	1.30	42.51	-	41.96
BL2	T3	R2	1041.67	81.21	64.42	620.00	1.42	1.69	42.68	-	42.98
BL2	T4	R2	502.50	69.11	50.80	498.34	1.10	1.47	46.02	-	41.80
BL2	T5	R2	1745.83	92.23	45.17	568.34	1.45	3.27	42.03	-	43.10
BL2	T6	R2	766.67	71.72	60.28	605.00	1.66	1.26	43.39	-	41.28
BL2	T7	R2	1237.50	70.91	51.26	578.34	1.57	2.05	41.67	-	43.10
BL2	T8	R2	604.17	56.24	65.27	681.67	1.75	0.91	46.06	-	42.83
BL3	T1	R2	3529.17	209.47	57.13	461.67	1.43	8.95	41.18	-	41.33
BL3	T2	R2	2379.17	178.78	79.86	751.67	1.49	3.11	42.59	-	44.83
BL3	T3	R2	2279.17	236.73	90.45	833.34	1.58	3.64	41.63	-	41.90
BL3	T4	R2	1450.00	192.95	64.04	571.67	1.42	2.67	41.69	-	44.78
BL3	T5	R2	3091.67	173.21	44.35	441.67	2.01	7.19	43.87	-	41.06
BL3	T6	R2	1870.83	142.32	78.91	831.67	1.69	2.55	40.54	-	44.42
BL3	T7	R2	2629.17	146.80	60.48	600.00	2.23	5.11	42.03	-	42.14
BL3	T8	R2	2358.33	180.28	40.22	508.34	1.41	2.55	44.09	-	43.43

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.8778	-	0.8008	22.93	3.41	4.70	5.05	1.67	1.61	62.5	822.50	1282.58
BL1	T2	R1	0.9058	-	0.7767	23.79	3.53	4.70	5.54	1.05	1.82	67.5	979.45	1388.35
BL1	T3	R1	0.8954	-	0.7635	24.53	3.47	4.75	5.51	1.14	1.74	49.0	832.11	1435.42
BL1	T4	R1	0.9016	-	0.7428	25.83	3.64	4.55	4.94	1.66	1.96	48.5	690.74	1387.45
BL1	T5	R1	0.8610	-	0.7724	22.39	3.36	4.90	5.80	1.18	1.59	63.5	1055.24	1571.08
BL1	T6	R1	0.8835	-	0.7630	22.55	3.36	5.25	6.22	1.05	1.55	68.0	857.43	1499.36
BL1	T7	R1	0.9005	-	0.7580	24.94	3.50	4.75	5.24	1.10	1.84	43.0	824.35	1677.24
BL1	T8	R1	0.8920	-	0.7477	24.89	3.47	4.60	5.26	1.08	1.76	30.5	914.46	1496.06
BL2	T1	R1	0.8855	-	0.5628	21.28	3.35	4.70	5.67	1.23	1.42	95.0	1011.37	1678.98
BL2	T2	R1	0.8591	-	0.6043	23.58	3.49	4.65	5.61	0.76	1.55	102.0	621.28	903.19
BL2	T3	R1	0.8766	-	0.5427	25.11	3.54	5.05	6.03	0.67	1.90	49.0	1158.50	1712.61
BL2	T4	R1	0.8636	-	0.5669	23.78	3.44	5.10	6.77	0.43	1.56	103.5	1381.76	1816.49
BL2	T5	R1	0.8641	-	0.6109	21.29	3.29	5.00	5.78	1.27	1.40	83.5	733.81	1052.49
BL2	T6	R1	0.8567	-	0.5391	24.95	3.43	5.00	5.95	0.76	1.58	70.5	880.60	1340.74
BL2	T7	R1	0.8733	-	0.5948	22.76	3.31	5.10	6.02	0.84	1.39	66.5	745.33	1044.75
BL2	T8	R1	0.8583	-	0.6248	23.57	3.36	4.95	5.75	0.79	1.40	84.5	1331.76	1645.75
BL3	T1	R1	0.8485	-	0.6749	21.52	3.39	4.75	4.90	2.20	1.67	76.0	800.25	1157.55
BL3	T2	R1	0.8752	-	0.6926	23.02	3.43	4.30	4.62	2.25	1.66	81.0	1287.26	1709.95
BL3	T3	R1	0.8757	-	0.6706	23.26	3.46	4.35	5.13	1.53	1.59	74.5	1040.54	1363.80
BL3	T4	R1	0.8654	-	0.7730	23.05	3.45	4.20	4.80	1.57	1.65	66.0	808.47	1278.30
BL3	T5	R1	0.8796	-	0.7249	20.83	3.35	4.95	5.77	1.46	1.52	70.5	1004.74	1492.76
BL3	T6	R1	0.8733	-	0.6805	20.48	3.29	5.00	5.53	1.94	1.58	62.5	652.04	986.11
BL3	T7	R1	0.8879	-	0.7219	21.45	3.37	4.60	4.81	2.25	1.59	83.0	934.40	1139.80
BL3	T8	R1	0.8793	-	0.7100	23.41	3.41	4.55	5.02	1.73	1.59	70.5	1049.13	1359.04
BL1	T1	R2	0.8857	-	0.7384	24.44	3.55	3.50	5.10	1.55	1.52	104.0	919.07	1199.66
BL1	T2	R2	0.9006	-	0.7520	25.61	3.57	3.65	5.07	1.62	1.60	106.5	1093.41	1439.46
BL1	T3	R2	0.8748	-	0.7176	26.03	3.52	3.90	5.53	1.09	1.39	98.0	976.33	1292.34
BL1	T4	R2	0.8947	-	0.7438	27.05	3.64	3.55	5.09	1.39	1.59	83.0	832.39	1273.00
BL1	T5	R2	0.8720	-	0.7893	24.64	3.49	3.85	5.73	0.92	1.12	151.5	1346.75	1680.74
BL1	T6	R2	0.8745	-	0.7531	24.90	3.44	3.85	5.44	1.29	1.38	88.0	1130.78	1455.66
BL1	T7	R2	0.8750	-	0.7498	25.99	3.53	3.75	5.41	1.31	1.47	90.5	1202.57	1481.67
BL1	T8	R2	0.8594	-	0.7469	26.50	3.56	3.55	5.01	1.36	1.50	94.5	1031.01	1485.87
BL2	T1	R2	0.8701	-	0.5906	23.92	3.54	3.70	5.46	1.43	1.36	111.0	934.02	1205.99
BL2	T2	R2	0.8680	-	0.6197	25.00	3.51	3.95	5.78	1.04	1.22	121.0	1121.61	1438.74
BL2	T3	R2	0.8683	-	0.5405	25.05	3.50	4.70	6.40	0.50	1.38	97.0	1210.75	1808.24
BL2	T4	R2	0.8729	-	0.5933	27.47	3.54	3.85	5.40	0.80	1.31	109.0	1000.03	1513.66
BL2	T5	R2	0.8617	-	0.6006	23.59	3.41	4.40	6.34	0.93	1.20	102.5	1215.32	1538.72
BL2	T6	R2	0.8590	-	0.5657	25.66	3.54	4.10	6.27	0.60	1.27	130.0	1111.02	1568.54
BL2	T7	R2	0.8793	-	0.5970	24.75	3.51	4.05	6.04	0.89	1.22	119.5	1319.58	1818.95
BL2	T8	R2	0.8563	-	0.5951	26.46	3.48	4.20	5.99	0.90	1.26	112.5	1359.18	1684.69
BL3	T1	R2	0.8706	-	0.7461	22.92	3.48	3.55	5.41	1.71	1.33	100.0	953.18	1045.65
BL3	T2	R2	0.8802	-	0.7391	24.00	3.54	3.55	5.45	1.48	1.31	104.5	933.65	1271.34
BL3	T3	R2	0.8541	-	0.7487	24.51	3.52	3.75	5.52	1.60	1.36	106.5	831.39	1030.76
BL3	T4	R2	0.8904	-	0.7037	23.90	3.53	3.50	5.56	1.33	1.34	108.5	1309.39	1492.25
BL3	T5	R2	0.8667	-	0.7427	21.60	3.41	4.30	5.71	2.03	1.35	109.5	776.55	965.09
BL3	T6	R2	0.8828	-	0.7280	23.79	3.54	3.35	5.24	1.37	1.38	88.5	796.48	959.44
BL3	T7	R2	0.8876	-	0.6964	22.94	3.46	3.80	5.79	1.33	1.26	85.0	892.01	1237.64
BL3	T8	R2	0.8683	-	0.7063	23.89	3.48	3.80	5.80	1.35	1.26	95.0	1047.64	1230.39

Anno: Y08

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1846.67	142.34	81.13	638.34	1.52	4.94	41.30	42.60	39.81
BL1	T2	R1	1086.67	185.79	36.79	271.67	1.37	4.77	40.93	42.69	39.83
BL1	T3	R1	576.67	81.35	46.98	380.00	0.79	1.48	40.76	41.94	39.65
BL1	T4	R1	870.00	134.96	88.08	670.00	1.70	1.33	38.97	41.43	41.80
BL1	T5	R1	2401.67	132.12	32.84	426.67	1.41	5.58	39.93	42.88	40.97
BL1	T6	R1	743.33	125.38	26.38	273.34	1.04	3.14	39.72	38.88	38.97
BL1	T7	R1	1041.67	115.95	40.14	426.67	0.90	2.43	35.88	42.97	41.21
BL1	T8	R1	905.00	112.64	49.00	513.34	1.26	1.99	40.34	42.31	40.80
BL2	T1	R1	1265.00	97.63	43.67	448.34	1.29	3.87	38.08	42.70	39.77
BL2	T2	R1	993.33	133.33	75.04	603.34	1.30	1.87	40.57	43.71	41.85
BL2	T3	R1	550.00	77.00	38.10	310.00	0.90	1.82	39.68	43.50	40.77
BL2	T4	R1	660.00	102.07	33.90	376.67	1.26	1.80	41.02	43.35	40.72
BL2	T5	R1	2668.33	118.59	46.82	611.67	1.71	4.45	40.48	44.88	38.19
BL2	T6	R1	816.67	108.14	42.47	363.34	1.33	2.56	40.82	42.57	38.08
BL2	T7	R1	1305.00	72.54	42.37	498.34	1.48	2.51	38.78	42.76	39.12
BL2	T8	R1	783.33	78.31	40.74	503.34	1.29	1.49	39.45	44.85	41.69
BL3	T1	R1	1551.67	120.11	68.24	578.34	1.56	2.80	41.97	45.22	43.72
BL3	T2	R1	1555.00	187.90	88.38	860.00	1.09	2.19	42.23	43.55	39.43
BL3	T3	R1	946.67	80.11	57.27	475.00	1.45	2.08	41.66	45.65	42.99
BL3	T4	R1	640.00	98.94	52.97	588.34	1.00	1.07	42.01	46.14	41.74
BL3	T5	R1	2086.67	112.22	32.95	378.34	1.63	5.76	42.54	43.98	40.46
BL3	T6	R1	1283.33	152.74	54.85	638.34	1.12	2.30	42.70	45.78	40.93
BL3	T7	R1	1813.33	131.53	75.92	633.34	1.63	2.86	42.41	44.03	39.64
BL3	T8	R1	730.00	93.22	47.56	406.67	1.38	1.88	39.71	44.66	40.98
BL1	T1	R2	1461.67	131.84	57.80	440.00	1.52	3.81	41.27	42.43	43.60
BL1	T2	R2	985.00	143.20	47.19	463.34	1.20	2.48	40.28	44.43	44.93
BL1	T3	R2	1136.67	90.79	51.87	458.34	1.44	3.14	40.49	42.58	42.78
BL1	T4	R2	563.33	84.68	71.74	526.67	1.43	1.10	40.05	44.37	43.12
BL1	T5	R2	1483.33	83.06	23.49	280.00	1.46	5.82	39.46	45.16	43.50
BL1	T6	R2	1120.00	129.88	31.50	346.67	1.19	3.32	41.34	41.43	42.87
BL1	T7	R2	1033.33	64.12	45.87	451.67	1.56	2.23	36.94	44.03	44.30
BL1	T8	R2	808.33	88.04	55.22	658.34	1.29	1.27	40.63	42.55	43.03
BL2	T1	R2	1206.67	87.78	45.69	383.34	1.60	3.85	42.14	45.45	43.75
BL2	T2	R2	1168.33	133.85	73.33	633.34	1.42	1.96	41.58	46.97	44.08
BL2	T3	R2	1023.33	75.95	74.13	638.34	1.54	1.67	39.91	44.45	42.11
BL2	T4	R2	768.33	89.66	35.70	456.67	1.09	1.64	36.66	44.32	42.32
BL2	T5	R2	1940.00	99.59	30.83	378.34	1.65	6.62	42.08	44.96	45.79
BL2	T6	R2	851.67	95.33	46.88	416.67	1.26	2.54	42.07	44.01	44.27
BL2	T7	R2	1185.00	56.65	37.65	470.00	1.65	2.56	39.98	43.40	42.66
BL2	T8	R2	708.33	68.22	51.06	560.00	1.31	1.26	41.31	45.41	43.91
BL3	T1	R2	1693.33	139.00	42.16	426.67	1.25	3.99	43.58	47.31	45.08
BL3	T2	R2	948.33	152.74	58.72	441.67	1.25	2.13	43.02	45.82	44.25
BL3	T3	R2	1101.67	77.39	55.85	540.00	1.44	2.00	43.03	44.90	43.83
BL3	T4	R2	630.00	94.76	46.33	426.67	1.05	1.74	41.02	43.87	44.05
BL3	T5	R2	1760.83	101.43	51.64	560.00	1.57	3.59	43.25	44.21	44.47
BL3	T6	R2	2000.00	194.14	54.46	696.67	1.11	2.81	44.72	44.71	45.11
BL3	T7	R2	2126.67	127.70	90.07	860.00	1.75	3.43	44.95	47.75	47.19
BL3	T8	R2	665.00	76.93	45.72	378.34	1.15	1.81	42.89	45.08	44.95

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.7407	0.7211	0.7191	23.29	3.51	3.15	4.34	1.48	1.31	46.5	698.80	1057.09
BL1	T2	R1	0.6946	0.6951	0.6978	23.15	3.51	3.10	4.42	1.39	1.32	50.0	650.91	1212.61
BL1	T3	R1	0.5850	0.6147	0.6412	23.53	3.59	3.30	4.77	1.34	1.34	40.5	519.40	1116.86
BL1	T4	R1	0.7384	0.6528	0.6923	24.07	3.57	3.15	4.44	1.23	1.34	38.0	474.56	1119.80
BL1	T5	R1	0.6789	0.6841	0.5708	21.41	3.38	3.75	4.84	1.59	1.13	47.0	666.38	1145.06
BL1	T6	R1	0.7382	0.6481	0.7172	23.05	3.47	3.20	4.68	1.06	1.13	31.0	1222.15	1554.03
BL1	T7	R1	0.6804	0.6759	0.5913	23.66	3.54	3.00	4.35	1.28	1.30	25.0	588.04	1253.03
BL1	T8	R1	0.7262	0.6335	0.6137	24.40	3.63	2.95	4.30	1.24	1.39	33.0	635.43	1253.39
BL2	T1	R1	0.7194	0.6823	0.6934	21.81	3.48	3.85	5.39	1.43	1.22	56.5	921.13	1272.79
BL2	T2	R1	0.7446	0.6204	0.7021	22.50	3.52	3.70	5.12	1.35	1.30	71.0	1130.22	1481.83
BL2	T3	R1	0.7390	0.5904	0.6306	22.98	3.56	3.40	4.96	1.34	1.24	55.5	884.59	1440.64
BL2	T4	R1	0.7174	0.7194	0.7167	23.66	3.52	3.55	5.21	1.20	1.26	40.0	759.37	1072.83
BL2	T5	R1	0.7530	0.5821	0.6050	20.89	3.43	4.05	5.44	1.65	1.15	56.5	859.48	1293.99
BL2	T6	R1	0.7155	0.5519	0.5643	22.50	3.56	3.65	5.34	1.17	1.23	75.5	947.31	1385.34
BL2	T7	R1	0.7481	0.6941	0.6949	22.22	3.41	3.90	5.26	1.32	1.08	55.0	1100.05	1479.15
BL2	T8	R1	0.7775	0.5858	0.6284	23.14	3.56	3.50	5.27	1.19	1.30	45.5	1084.11	1422.46
BL3	T1	R1	0.6996	0.6710	0.7546	21.96	3.50	3.50	4.79	1.48	1.12	76.0	813.25	1234.71
BL3	T2	R1	0.7580	0.7614	0.6145	21.48	3.58	3.90	4.83	2.30	1.48	77.0	693.73	1212.76
BL3	T3	R1	0.6321	0.5841	0.6492	23.04	3.63	3.15	4.93	1.30	1.24	42.5	603.56	1268.77
BL3	T4	R1	0.7566	0.7078	0.7327	22.78	3.56	3.40	4.84	1.55	1.32	72.5	605.14	1194.00
BL3	T5	R1	0.7109	0.7224	0.6858	21.92	3.54	3.40	5.03	1.53	1.26	42.0	750.29	1264.47
BL3	T6	R1	0.6717	0.6114	0.6880	22.20	3.56	3.80	5.13	1.86	1.40	68.0	825.31	1229.06
BL3	T7	R1	0.7029	0.7135	0.6095	21.33	3.53	3.75	4.75	2.06	1.34	72.0	583.07	1202.94
BL3	T8	R1	0.7041	0.7223	0.7740	23.47	3.65	3.30	4.94	1.36	1.44	57.0	447.09	1047.95
BL1	T1	R2	0.7354	0.7231	0.7793	25.62	3.66	3.25	4.85	1.78	1.69	18.0	500.12	984.47
BL1	T2	R2	0.7031	0.7419	0.7291	24.07	3.53	3.40	4.97	1.60	1.50	34.0	441.69	819.66
BL1	T3	R2	0.6367	0.6887	0.7333	23.75	3.65	3.40	5.24	1.50	1.68	10.0	568.20	1137.69
BL1	T4	R2	0.7106	0.6871	0.7217	25.89	3.79	3.25	5.32	1.64	2.01	10.0	491.80	763.48
BL1	T5	R2	0.6982	0.7602	0.6590	22.71	3.45	3.80	5.32	1.46	1.31	31.5	653.08	966.14
BL1	T6	R2	0.7330	0.6792	0.7670	25.40	3.55	3.45	5.03	1.42	1.43	10.0	519.84	871.53
BL1	T7	R2	0.6736	0.6851	0.7375	25.20	3.70	3.30	5.19	1.64	1.80	22.0	527.49	782.51
BL1	T8	R2	0.7320	0.6455	0.7305	26.92	3.75	3.35	5.24	1.42	1.97	10.0	506.53	996.94
BL2	T1	R2	0.7166	0.7035	0.7129	23.76	3.57	3.50	5.27	1.53	1.51	34.5	614.29	879.08
BL2	T2	R2	0.7472	0.6736	0.7620	25.04	3.62	3.20	4.99	1.40	1.51	36.5	676.50	1051.20
BL2	T3	R2	0.7292	0.6444	0.7015	25.71	3.60	3.40	5.30	1.30	1.63	22.0	997.37	1375.19
BL2	T4	R2	0.7645	0.7429	0.7259	25.22	3.59	3.60	5.49	1.37	1.63	24.0	624.22	996.48
BL2	T5	R2	0.7248	0.6698	0.7368	23.12	3.43	3.85	5.41	1.53	1.24	41.5	903.59	1190.44
BL2	T6	R2	0.7247	0.5686	0.6970	24.38	3.64	3.60	5.54	1.46	1.68	40.0	452.84	597.16
BL2	T7	R2	0.7351	0.6988	0.7455	23.52	3.50	3.65	5.29	1.57	1.37	36.0	716.76	1015.42
BL2	T8	R2	0.7464	0.6492	0.6882	25.51	3.65	3.45	5.19	1.39	1.66	35.0	671.26	985.20
BL3	T1	R2	0.7742	0.7458	0.7732	23.47	3.58	3.45	4.96	1.82	1.60	46.5	591.93	911.88
BL3	T2	R2	0.7761	0.7991	0.7059	23.88	3.65	3.85	5.08	2.33	1.86	34.5	464.95	864.90
BL3	T3	R2	0.7426	0.6469	0.7705	24.98	3.62	3.55	5.00	1.73	1.61	32.5	466.51	935.67
BL3	T4	R2	0.7146	0.7075	0.7378	24.10	3.68	3.60	5.04	1.80	1.78	33.5	608.66	1207.70
BL3	T5	R2	0.7644	0.7303	0.6567	23.14	3.54	3.70	5.03	1.93	1.55	40.5	743.27	1235.50
BL3	T6	R2	0.7868	0.7449	0.7157	23.94	3.68	4.00	5.52	2.19	1.99	47.5	437.48	919.24
BL3	T7	R2	0.7640	0.7139	0.6721	22.30	3.59	3.70	4.77	2.33	1.76	55.5	572.67	1186.65
BL3	T8	R2	0.7540	0.7608	0.7992	24.59	3.64	3.60	4.96	2.05	1.73	37.5	513.93	921.49

Anno: Y09

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	638.33	108.04	75.35	698.34	0.64	1.09	42.83	41.59	43.26
BL1	T2	R1	1071.67	115.69	52.49	488.34	0.88	2.76	42.46	43.53	39.75
BL1	T3	R1	653.33	108.80	72.28	631.67	0.74	1.41	41.69	42.85	42.69
BL1	T4	R1	683.33	82.50	112.89	1171.67	0.79	0.60	41.94	43.53	39.53
BL1	T5	R1	923.33	131.31	53.95	760.00	0.53	1.22	38.54	41.98	38.63
BL1	T6	R1	845.00	127.07	27.28	331.67	0.64	3.27	40.67	39.97	40.25
BL1	T7	R1	510.83	70.20	67.22	688.34	0.64	0.75	42.05	41.17	40.46
BL1	T8	R1	735.00	91.47	56.23	676.67	0.70	1.46	41.73	41.85	41.18
BL2	T1	R1	1578.33	144.69	90.85	891.67	1.06	1.71	44.01	46.31	39.98
BL2	T2	R1	1506.67	129.68	125.00	1145.00	1.13	2.18	43.00	44.30	39.38
BL2	T3	R1	636.67	89.00	107.23	1010.00	0.76	0.64	42.46	43.76	41.93
BL2	T4	R1	436.67	98.06	75.06	795.00	0.51	0.72	42.73	46.31	41.83
BL2	T5	R1	1536.67	147.94	71.17	996.67	0.76	1.77	43.58	46.16	41.15
BL2	T6	R1	2393.33	152.40	45.22	585.00	1.14	4.43	43.73	44.99	41.98
BL2	T7	R1	1405.83	134.65	51.08	630.00	0.85	2.38	43.65	45.19	43.68
BL2	T8	R1	1383.33	127.16	62.01	816.67	0.81	1.76	43.40	46.23	45.78
BL3	T1	R1	1123.33	158.03	59.14	625.00	0.73	2.05	43.84	47.21	45.58
BL3	T2	R1	958.33	137.33	77.85	1000.00	0.54	1.15	42.78	46.64	44.09
BL3	T3	R1	348.00	86.73	110.16	1012.00	0.45	0.34	43.40	45.22	43.54
BL3	T4	R1	961.67	131.35	78.67	698.34	0.88	1.55	40.93	43.10	43.86
BL3	T5	R1	1768.33	180.91	68.59	913.34	0.77	2.54	42.81	43.96	46.35
BL3	T6	R1	1636.67	167.35	46.70	530.00	0.86	3.18	43.11	43.29	41.68
BL3	T7	R1	1168.33	122.11	34.98	393.34	0.82	2.93	40.05	42.30	42.77
BL3	T8	R1	1277.50	138.41	59.27	687.50	0.79	2.05	42.18	44.41	43.78
BL1	T1	R2	476.67	97.05	91.71	795.00	0.56	0.65	43.83	41.68	42.43
BL1	T2	R2	601.67	116.86	65.40	666.67	0.63	0.93	45.12	43.08	43.81
BL1	T3	R2	495.00	73.17	59.88	521.67	0.96	1.31	42.65	44.43	45.31
BL1	T4	R2	408.33	76.45	129.04	965.00	0.65	0.49	41.93	42.60	42.01
BL1	T5	R2	765.00	83.36	50.85	565.00	1.15	2.39	41.35	43.78	43.00
BL1	T6	R2	1018.33	102.42	52.83	585.00	0.79	1.81	42.93	38.73	41.93
BL1	T7	R2	751.67	80.31	72.45	816.67	0.86	0.98	41.53	44.06	41.86
BL1	T8	R2	741.67	81.63	57.51	598.34	0.87	1.30	43.15	42.11	42.13
BL2	T1	R2	866.67	142.62	74.44	865.00	0.51	1.32	46.62	45.74	42.85
BL2	T2	R2	1550.00	168.81	67.32	680.00	1.05	1.18	46.20	45.48	40.63
BL2	T3	R2	646.67	98.93	87.32	823.34	0.72	0.88	45.53	45.41	43.88
BL2	T4	R2	560.00	72.50	68.58	770.00	0.73	0.80	44.04	44.96	44.50
BL2	T5	R2	1196.67	133.69	55.69	755.00	0.71	2.20	44.33	45.18	43.52
BL2	T6	R2	2250.00	155.35	55.48	770.00	0.96	3.42	45.48	48.02	45.30
BL2	T7	R2	770.00	128.05	65.37	716.67	0.57	1.18	44.58	45.84	45.23
BL2	T8	R2	1288.33	129.02	60.68	718.34	0.79	2.01	43.39	44.73	43.93
BL3	T1	R2	1015.00	138.05	208.04	1860.00	0.79	0.99	43.40	45.01	45.10
BL3	T2	R2	1005.00	147.36	67.07	663.34	0.68	1.62	42.38	45.38	41.52
BL3	T3	R2	493.33	108.89	75.12	743.34	0.48	0.70	42.21	44.73	46.75
BL3	T4	R2	710.00	109.90	69.93	796.67	0.58	0.99	43.16	42.60	44.95
BL3	T5	R2	1141.67	162.58	48.17	591.67	0.61	2.01	43.46	43.97	44.18
BL3	T6	R2	1365.00	158.53	54.40	800.00	0.61	1.92	43.80	44.50	43.97
BL3	T7	R2	1295.00	124.08	53.40	605.00	0.94	3.12	43.18	45.48	44.32
BL3	T8	R2	960.00	111.99	50.08	611.67	0.70	1.55	42.53	46.83	47.68

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.6440	0.6387	0.6549	25.22	3.72	4.25	4.75	2.08	2.09	118.0	223.43	1147.01
BL1	T2	R1	0.6557	0.6132	0.5773	24.29	3.69	4.40	5.08	2.34	2.05	118.5	308.56	1061.57
BL1	T3	R1	0.5501	0.5914	0.5611	25.99	3.73	5.05	5.49	2.14	2.09	109.5	202.08	1228.01
BL1	T4	R1	0.5748	0.6214	0.5939	26.46	3.80	4.55	4.90	1.87	2.19	106.0	90.00	1146.53
BL1	T5	R1	0.6579	0.6312	0.5252	25.39	3.69	4.90	5.22	2.29	1.96	135.0	155.42	1014.89
BL1	T6	R1	0.6173	0.5725	0.6087	25.27	3.61	4.45	4.93	2.08	1.81	89.0	147.59	1085.35
BL1	T7	R1	0.5797	0.5324	0.5833	25.84	3.77	4.45	5.01	1.94	1.94	109.5	151.25	1012.41
BL1	T8	R1	0.5441	0.5511	0.5656	26.37	3.71	4.50	4.69	2.21	2.02	83.0	124.83	1144.49
BL2	T1	R1	0.6760	0.6533	0.6744	23.82	3.65	4.05	4.56	2.69	1.98	129.5	223.13	999.28
BL2	T2	R1	0.5713	0.7075	0.6841	24.28	3.70	3.90	4.77	2.05	1.85	149.0	367.15	1089.56
BL2	T3	R1	0.5256	0.5595	0.6234	25.21	3.66	4.25	5.14	1.97	1.95	119.5	217.41	1157.98
BL2	T4	R1	0.5980	0.7377	0.7007	24.62	3.63	4.10	5.01	1.89	1.78	114.0	415.96	1284.66
BL2	T5	R1	0.6676	0.6784	0.6522	23.11	3.55	4.15	4.89	2.37	1.70	108.5	419.75	1211.54
BL2	T6	R1	0.6027	0.6907	0.6565	23.43	3.55	3.95	4.88	2.08	1.63	112.0	541.14	1117.87
BL2	T7	R1	0.5616	0.6659	0.7157	24.68	3.63	3.95	4.81	2.09	1.86	113.5	273.00	1143.11
BL2	T8	R1	0.5405	0.7120	0.6774	24.24	3.60	3.95	4.88	2.14	1.75	125.5	458.37	1224.00
BL3	T1	R1	0.6815	0.6580	0.7196	22.96	3.60	3.90	4.75	2.43	1.71	133.5	597.30	1364.25
BL3	T2	R1	0.7338	0.7443	0.7673	21.55	3.52	4.45	4.79	3.31	1.84	117.0	500.55	1000.13
BL3	T3	R1	0.6522	0.7578	0.6854	23.89	3.69	4.10	5.03	2.06	1.91	111.0	431.92	1177.55
BL3	T4	R1	0.6971	0.7464	0.7187	22.81	3.49	4.05	4.76	2.57	1.66	104.0	538.02	1213.39
BL3	T5	R1	0.7249	0.7314	0.7614	22.84	3.53	4.05	4.62	2.68	1.75	131.5	461.44	1057.08
BL3	T6	R1	0.6632	0.7011	0.7233	21.76	3.46	4.35	4.87	2.68	1.63	113.5	421.42	1081.65
BL3	T7	R1	0.6990	0.7244	0.6442	22.06	3.48	4.05	4.69	2.71	1.70	82.5	525.32	1235.63
BL3	T8	R1	0.6685	0.6761	0.7068	23.11	3.52	4.30	4.90	2.26	1.67	100.5	424.49	1038.93
BL1	T1	R2	0.7045	0.6487	0.6920	27.46	4.00	4.60	5.75	1.60	2.45	87.0	123.13	1160.95
BL1	T2	R2	0.7095	0.6236	0.6630	25.88	3.84	4.70	5.86	1.88	2.22	97.0	172.79	960.36
BL1	T3	R2	0.6758	0.6305	0.6676	26.96	3.83	5.00	6.27	1.43	2.18	54.5	210.94	1239.42
BL1	T4	R2	0.7204	0.6881	0.6715	26.11	3.83	4.50	6.08	1.49	2.27	66.5	402.71	1369.93
BL1	T5	R2	0.7112	0.7042	0.6081	26.01	3.84	4.60	6.00	1.22	2.09	79.5	305.76	1114.87
BL1	T6	R2	0.7264	0.5948	0.6996	26.98	3.78	4.70	5.74	1.81	2.42	64.5	132.99	1294.13
BL1	T7	R2	0.7223	0.7145	0.6435	26.62	3.84	4.60	5.71	1.61	2.17	62.0	160.02	1180.77
BL1	T8	R2	0.6745	0.6590	0.6512	26.65	3.84	4.45	5.76	1.78	2.16	52.0	274.88	1321.61
BL2	T1	R2	0.7266	0.7218	0.7479	23.64	3.72	4.35	6.03	1.66	2.06	84.0	352.53	1020.00
BL2	T2	R2	0.6992	0.7014	0.7676	23.65	3.67	4.15	6.09	1.63	1.94	66.5	474.56	1011.54
BL2	T3	R2	0.6383	0.6909	0.6821	26.64	3.81	4.50	6.10	1.63	2.24	69.0	286.26	1188.72
BL2	T4	R2	0.6002	0.7444	0.7173	25.40	3.73	4.60	5.91	1.75	2.09	85.5	163.60	1241.06
BL2	T5	R2	0.7137	0.6996	0.7417	24.66	3.76	4.20	5.92	1.75	2.08	83.0	313.92	927.42
BL2	T6	R2	0.6324	0.7295	0.7328	23.17	3.63	4.15	6.10	1.64	1.88	72.5	516.99	1042.94
BL2	T7	R2	0.6640	0.7234	0.7202	24.03	3.72	4.30	6.05	1.69	1.91	58.0	361.63	1108.55
BL2	T8	R2	0.6470	0.7358	0.7598	23.92	3.63	4.00	5.98	1.36	1.79	63.5	577.52	1062.11
BL3	T1	R2	0.7444	0.6788	0.7550	23.71	3.69	4.35	5.78	2.34	2.12	71.0	373.57	1069.97
BL3	T2	R2	0.7259	0.7526	0.7541	23.10	3.58	4.20	5.72	2.15	2.01	45.0	311.45	803.93
BL3	T3	R2	0.7486	0.7574	0.7975	25.13	3.73	4.50	5.91	1.68	1.93	82.5	222.93	1135.81
BL3	T4	R2	0.6915	0.7421	0.7473	23.94	3.69	4.15	5.94	1.61	1.92	48.0	495.70	1033.32
BL3	T5	R2	0.6932	0.7379	0.7496	23.85	3.66	4.20	5.69	2.03	1.97	51.5	315.76	982.77
BL3	T6	R2	0.7546	0.7100	0.7439	23.11	3.57	4.35	6.06	1.92	1.90	42.0	389.31	902.45
BL3	T7	R2	0.6876	0.7583	0.7168	21.93	3.49	4.20	5.72	2.11	1.65	37.0	505.29	1098.35
BL3	T8	R2	0.7349	0.7421	0.7535	24.10	3.60	4.10	5.70	1.87	1.82	43.5	430.89	984.12

3.2 Boxplot (Cacciagrande)

3.2.1 Boxplot per Blocco

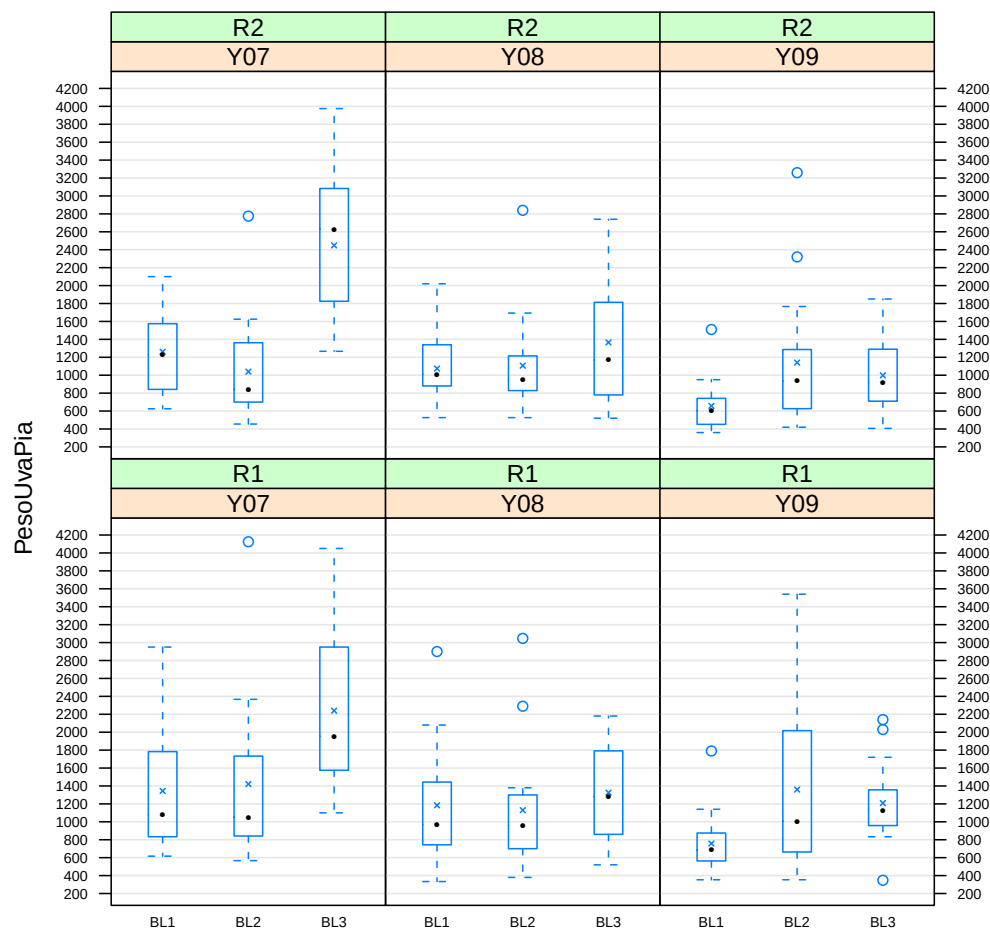


Figura 3.2: Boxplot per Blocco del Peso medio dell’uva per pianta

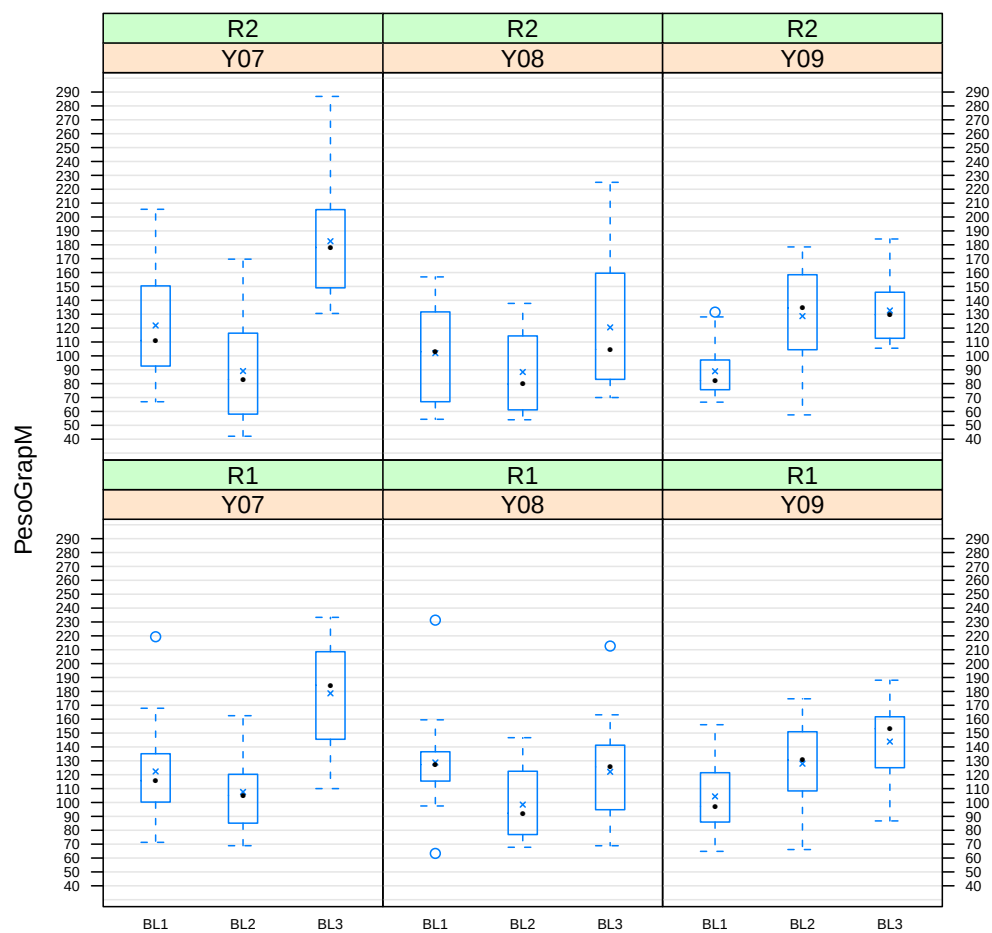


Figura 3.3: Boxplot per Blocco del Peso medio del grappolo

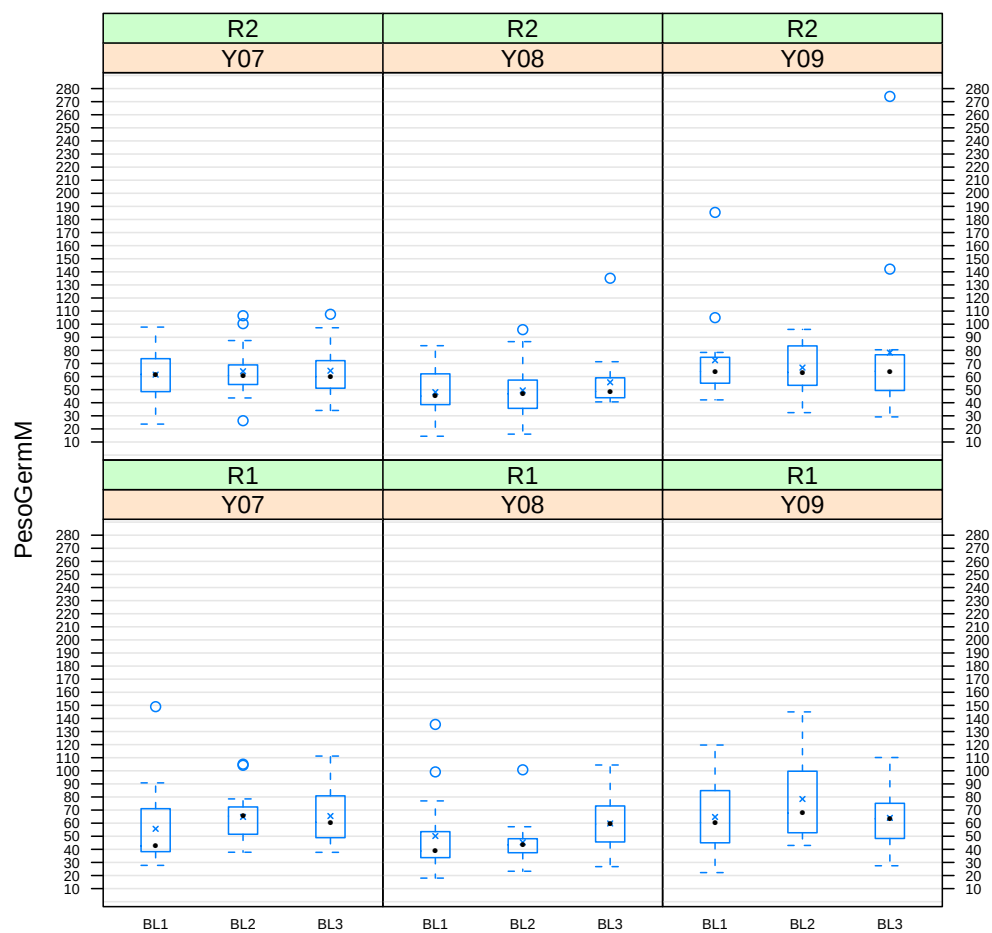


Figura 3.4: Boxplot per Blocco del Peso medio del germoglio

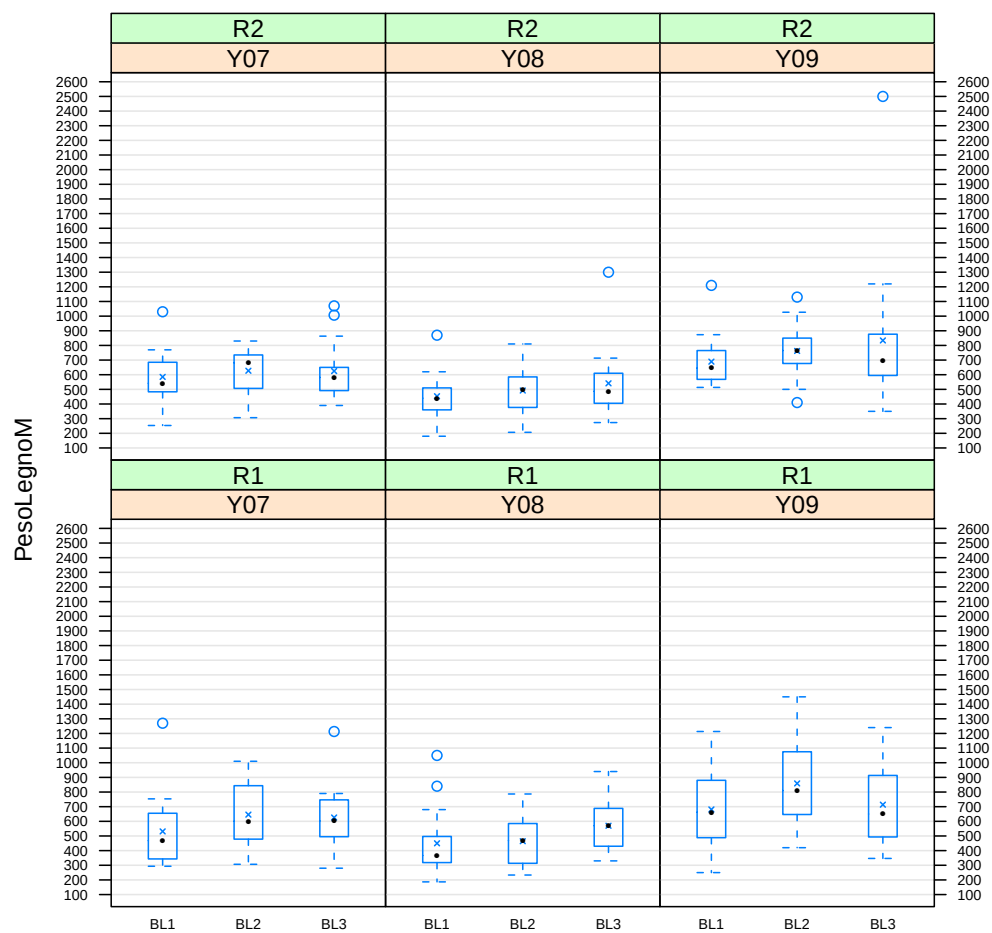


Figura 3.5: Boxplot per Blocco del Peso medio del legno

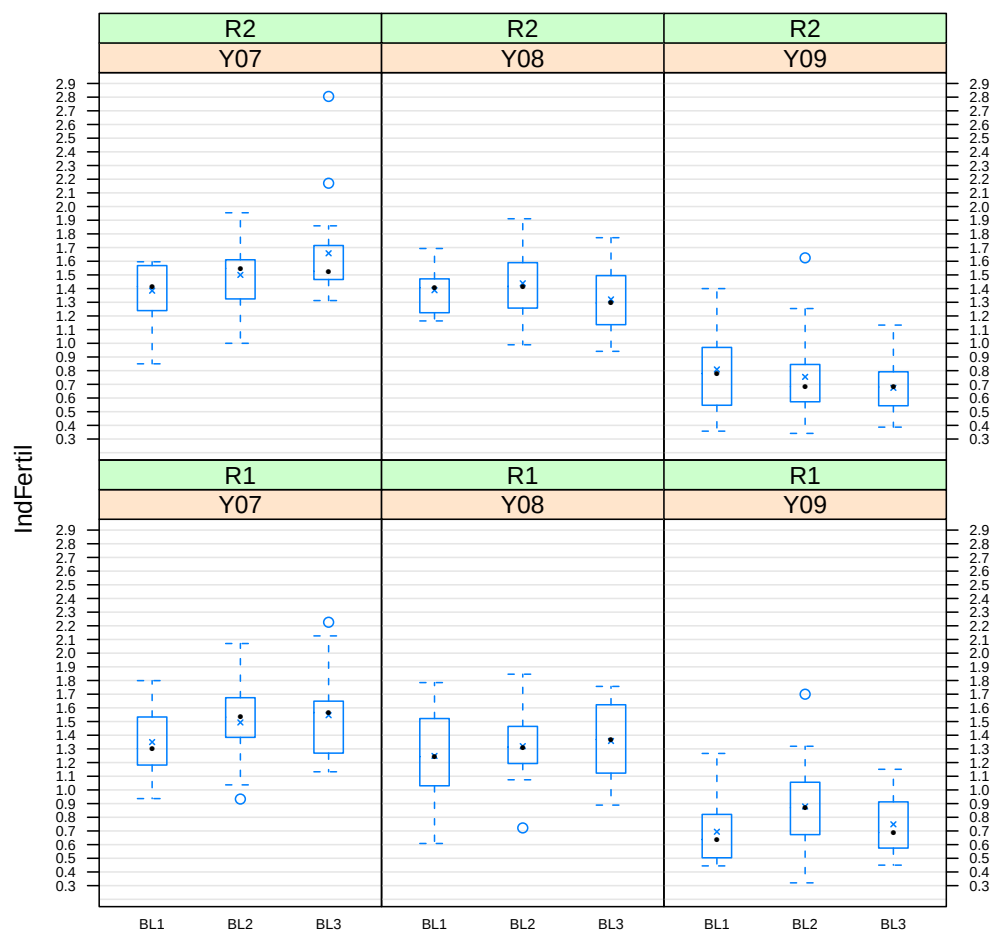


Figura 3.6: Boxplot per Blocco dell'Indice di Fertilità

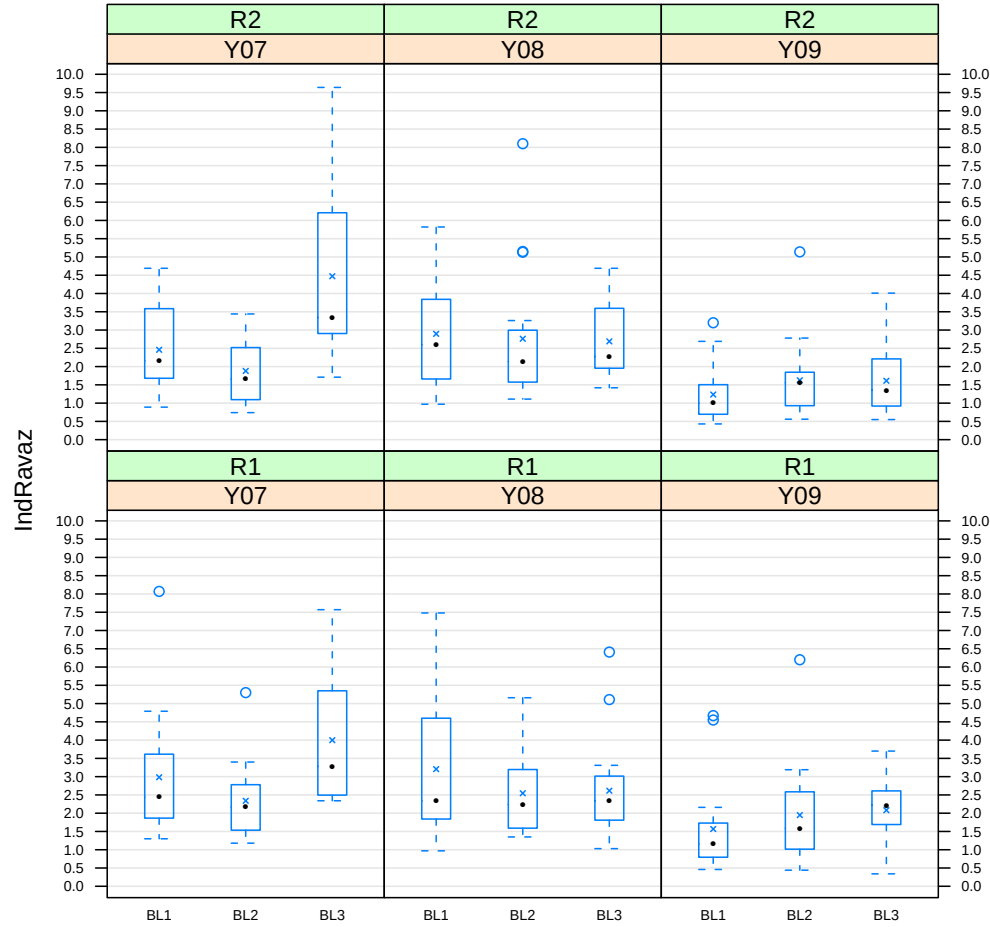


Figura 3.7: Boxplot per Blocco dell'Indice di Ravaz

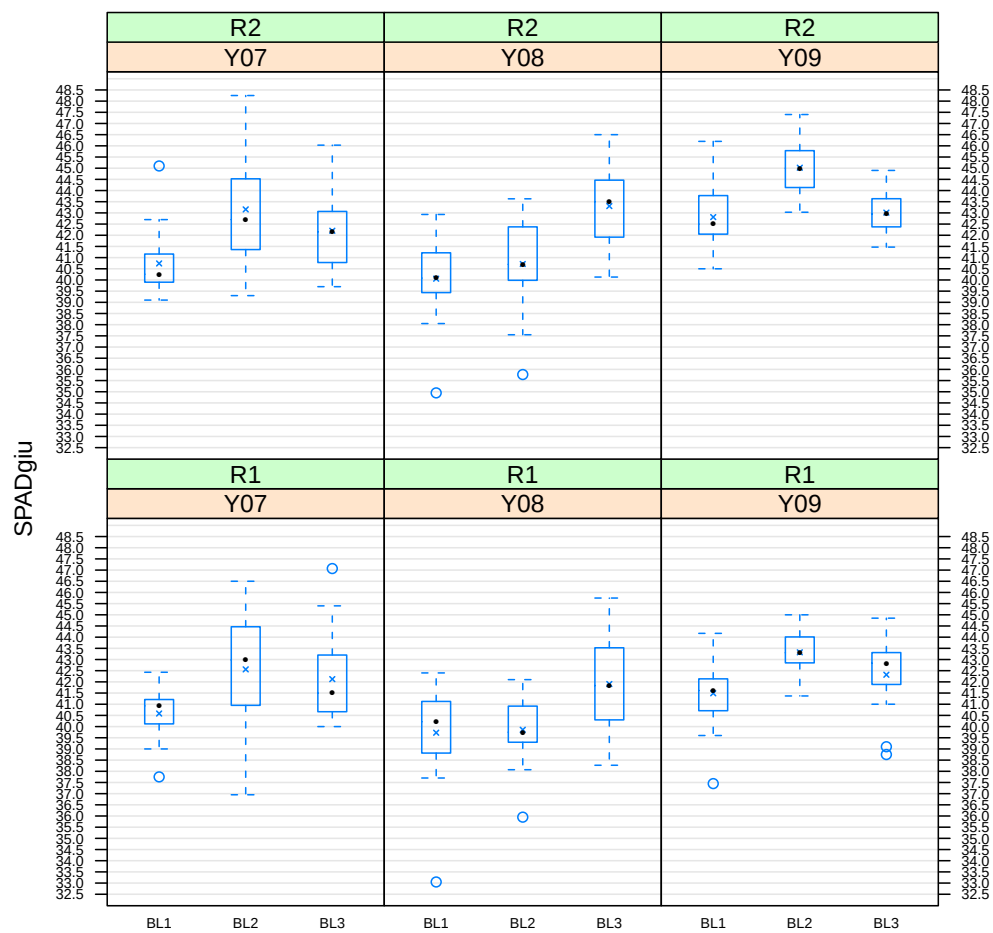


Figura 3.8: Boxplot per Blocco dell'Indice SPAD (giugno)

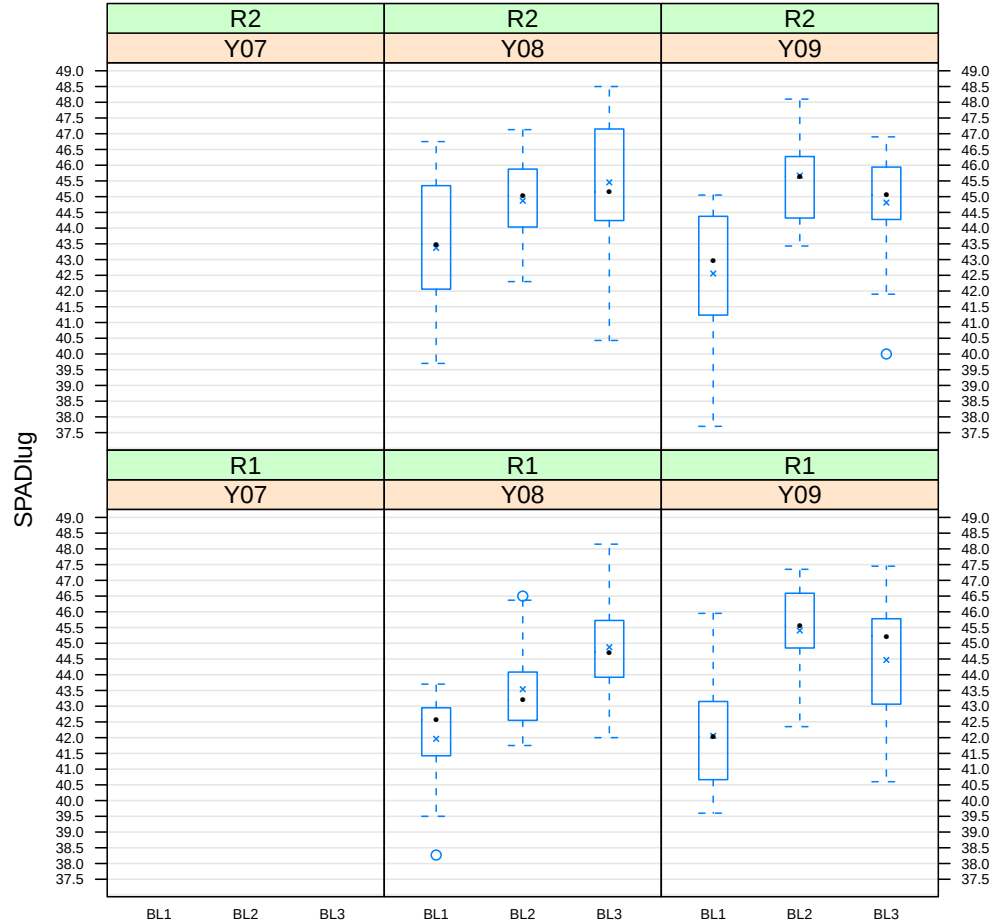


Figura 3.9: Boxplot per Blocco dell'Indice SPAD (luglio)

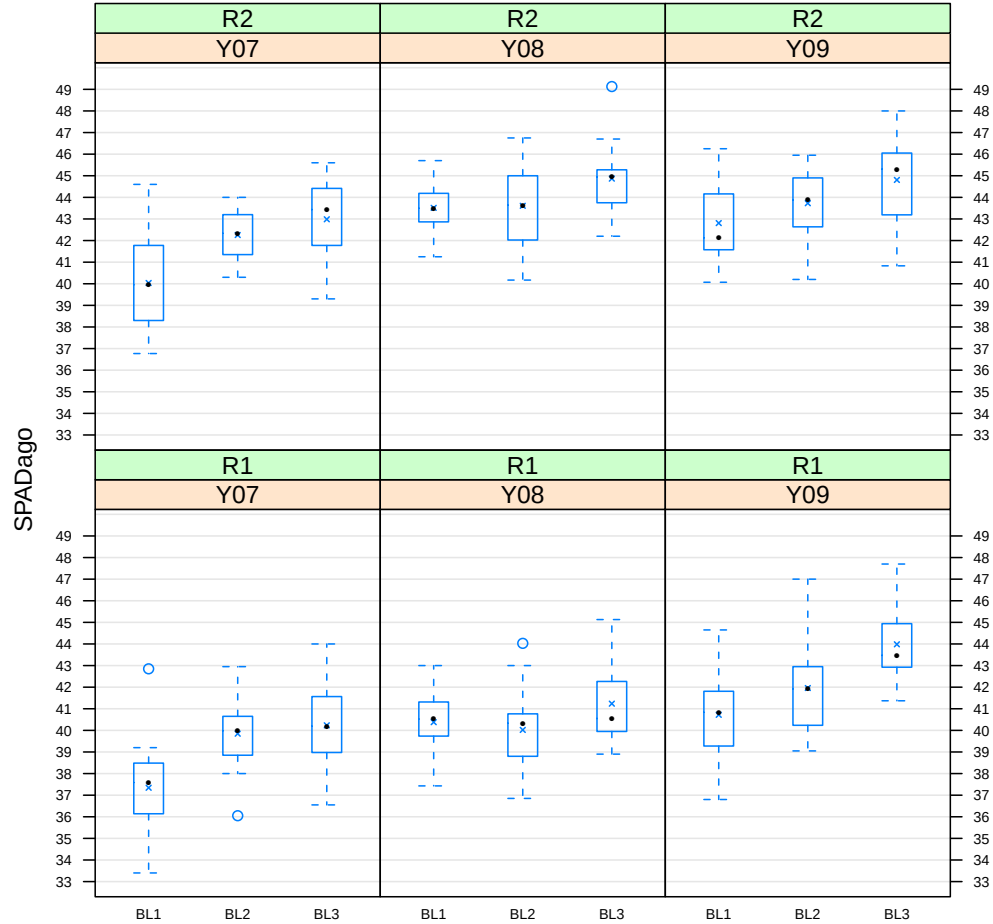


Figura 3.10: Boxplot per Blocco dell'Indice SPAD (agosto)

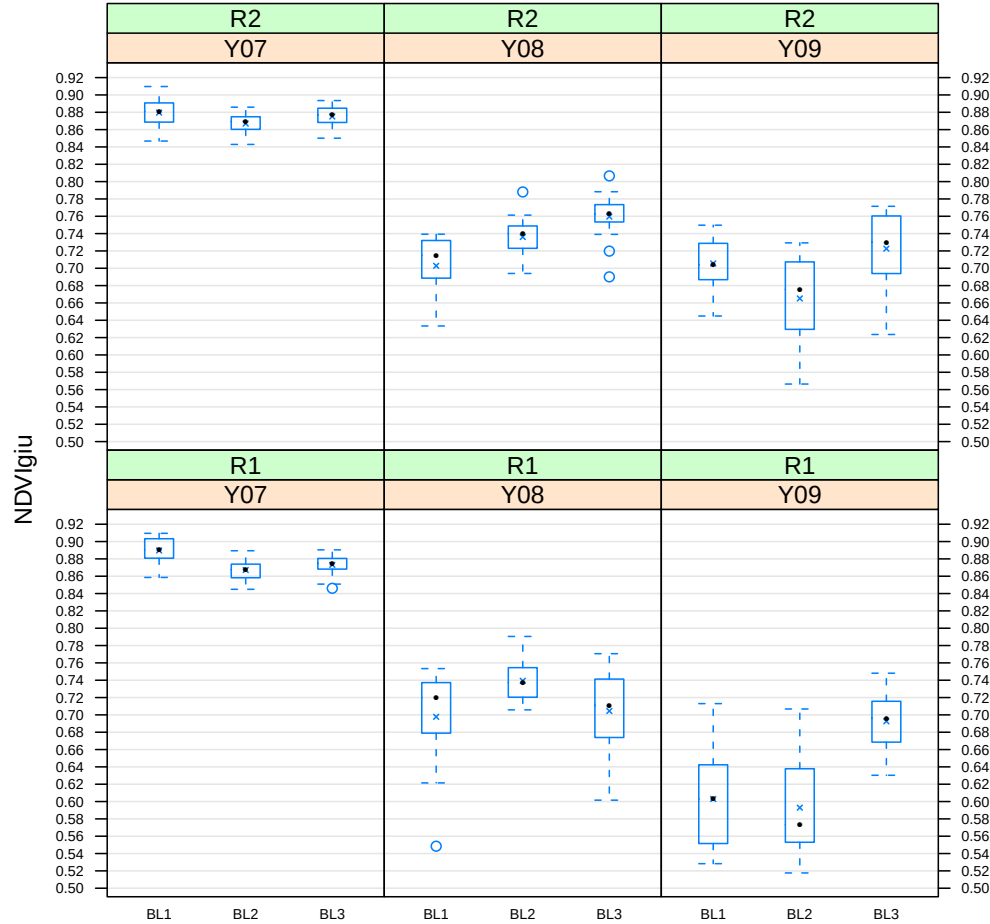


Figura 3.11: Boxplot per Blocco dell'Indice NDVI (giugno)

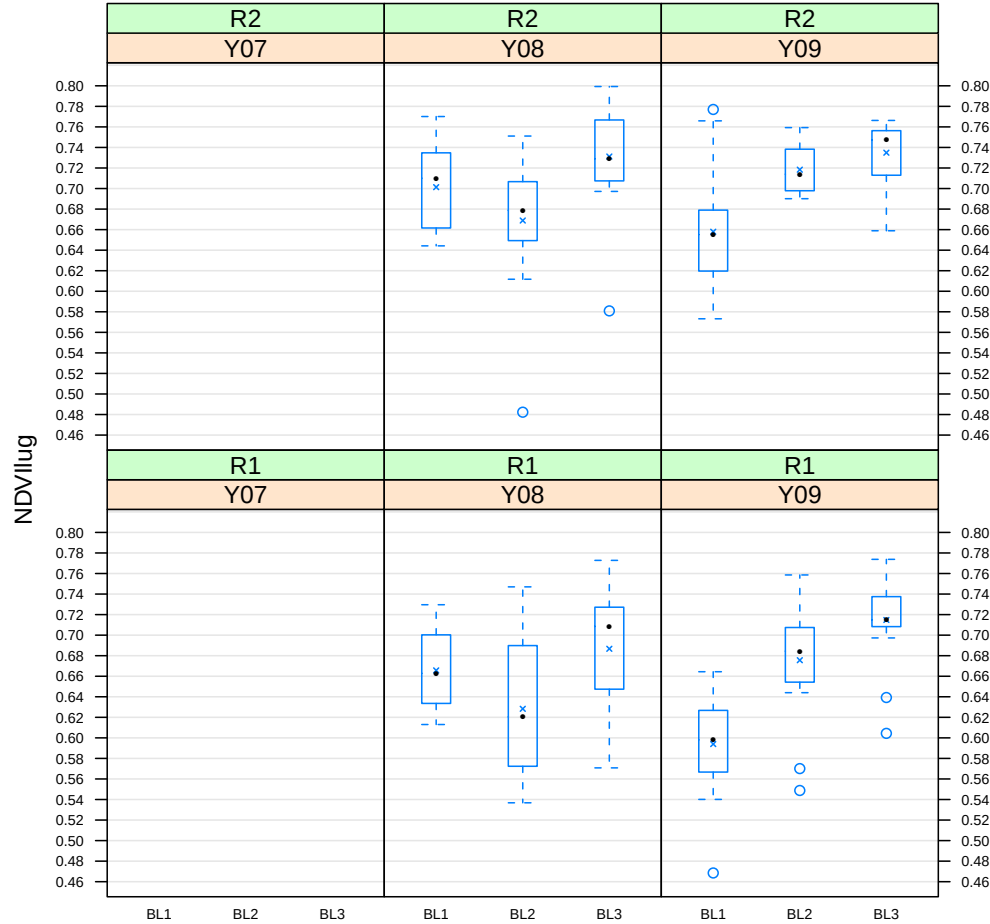


Figura 3.12: Boxplot per Blocco dell'Indice NDVI (luglio)

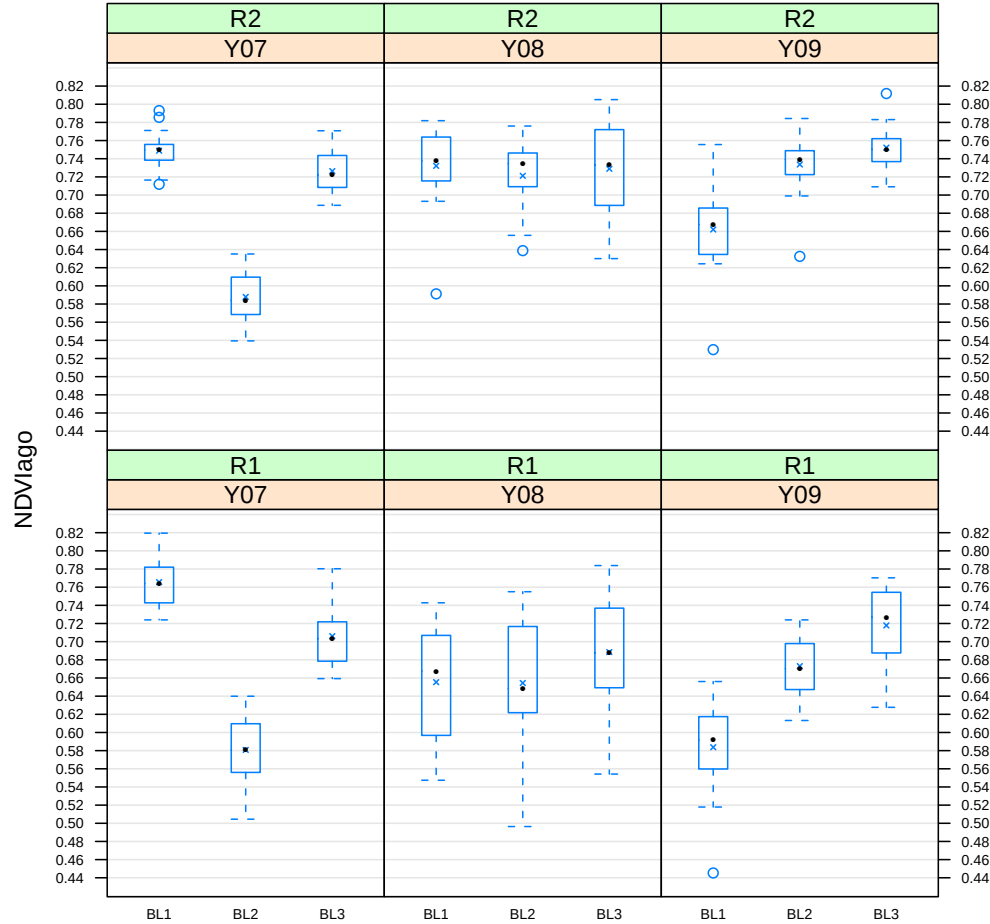


Figura 3.13: Boxplot per Blocco dell'Indice NDVI (agosto)

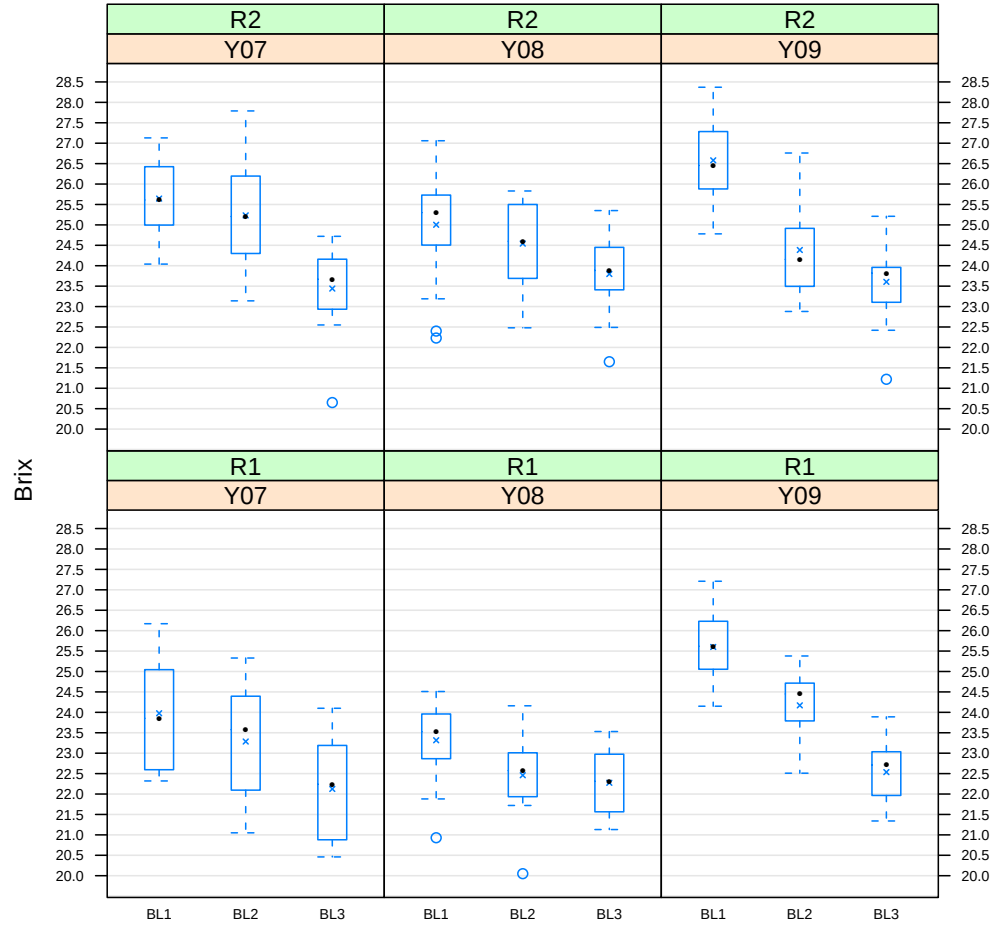


Figura 3.14: Boxplot per Blocco del Brix

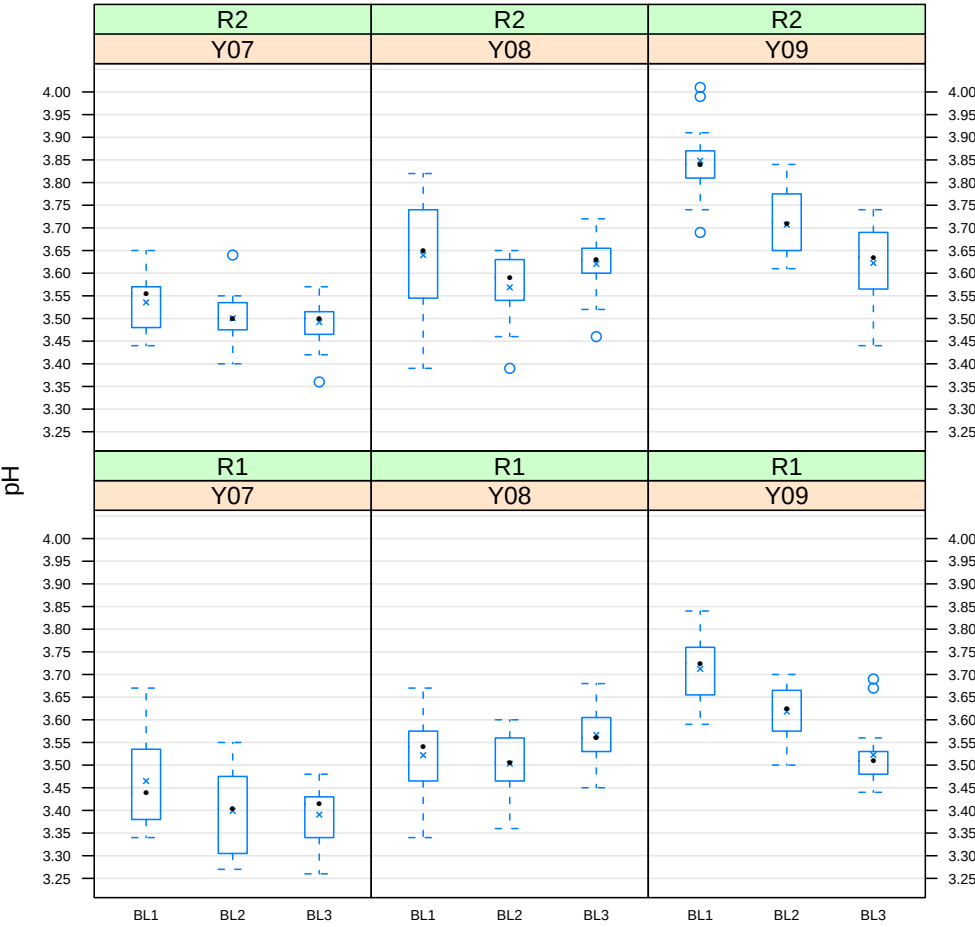


Figura 3.15: Boxplot per Blocco del pH

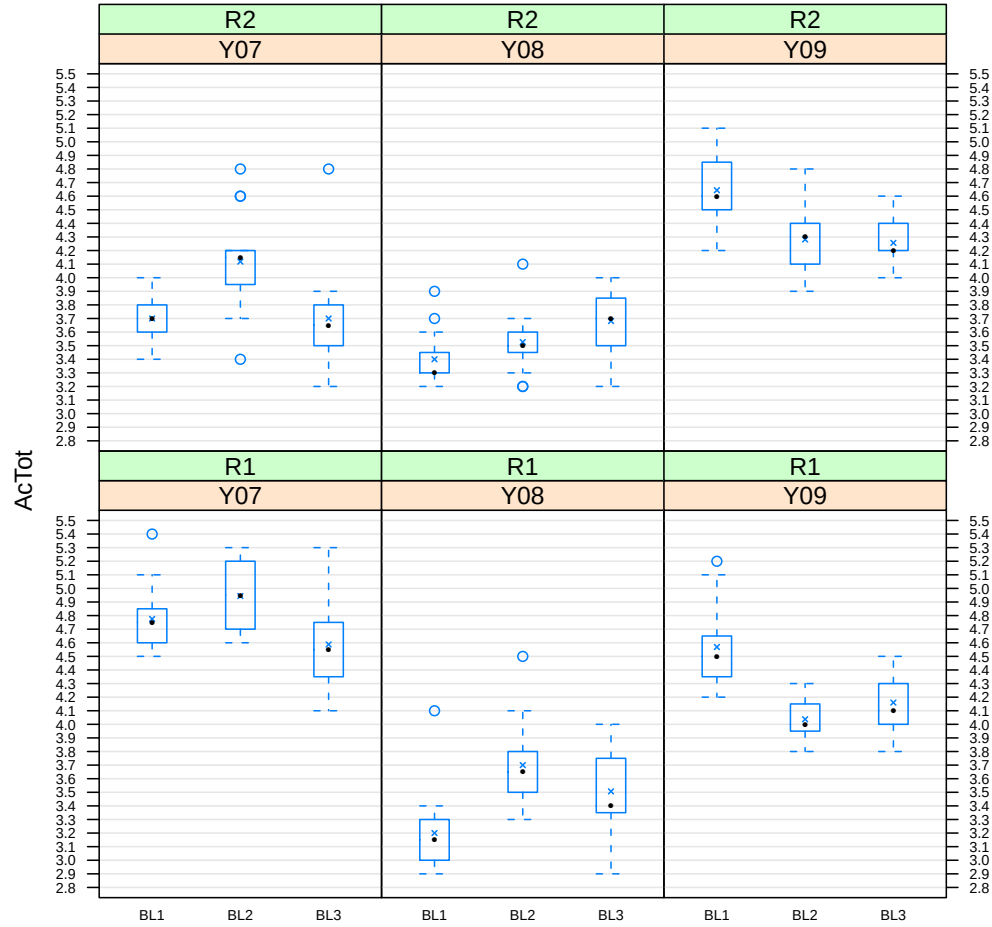


Figura 3.16: Boxplot per Blocco dell'Acidità totale

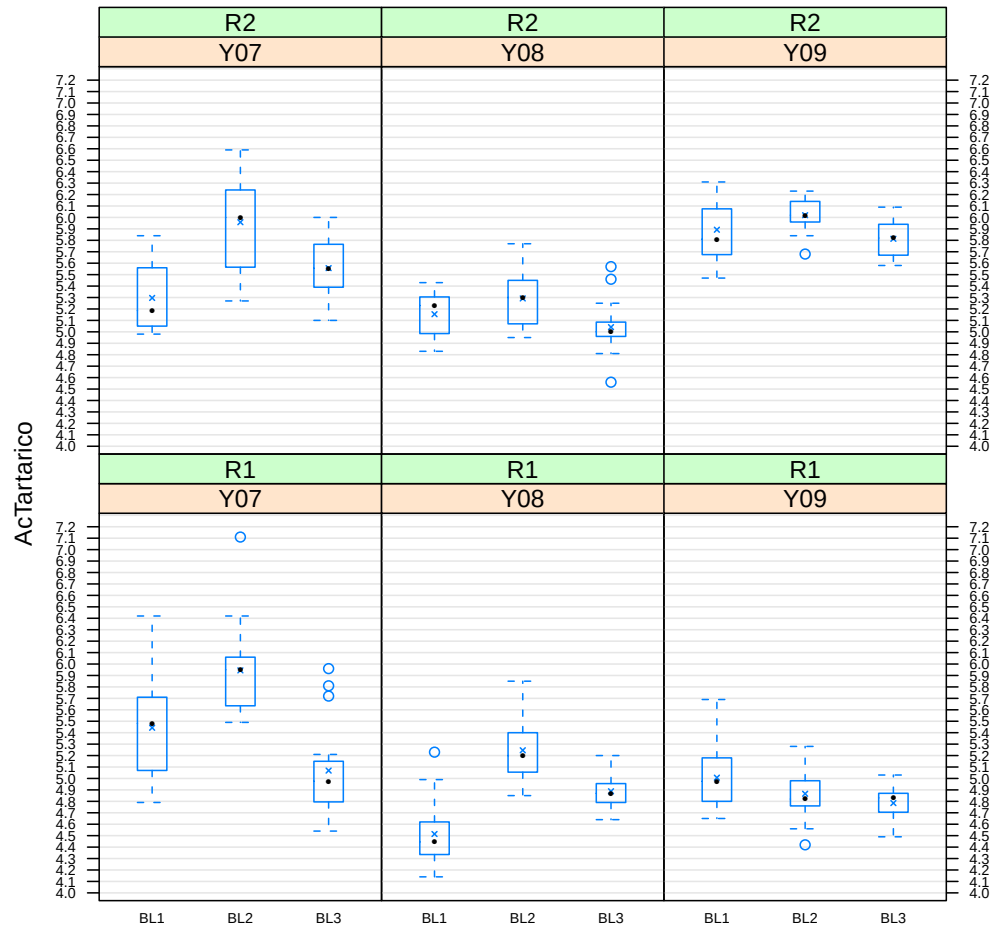


Figura 3.17: Boxplot per Blocco dell'Acido tartarico

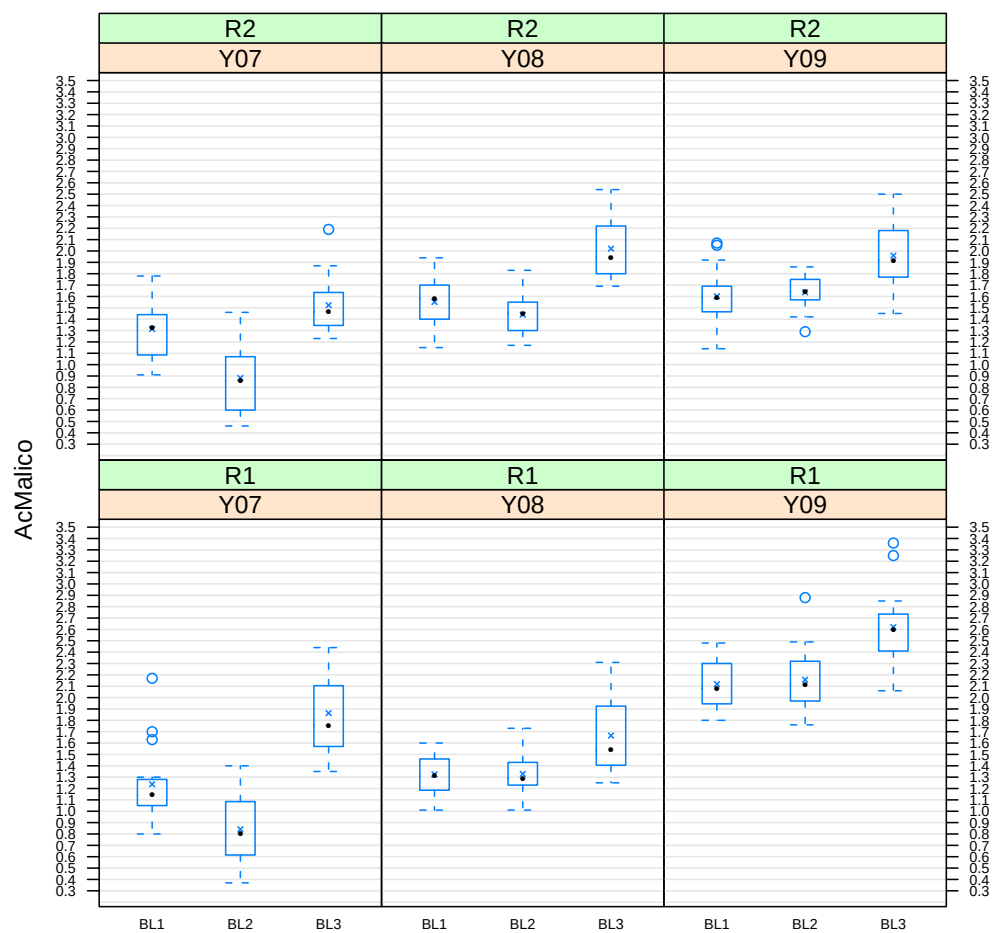


Figura 3.18: Boxplot per Blocco dell'Acido Malico

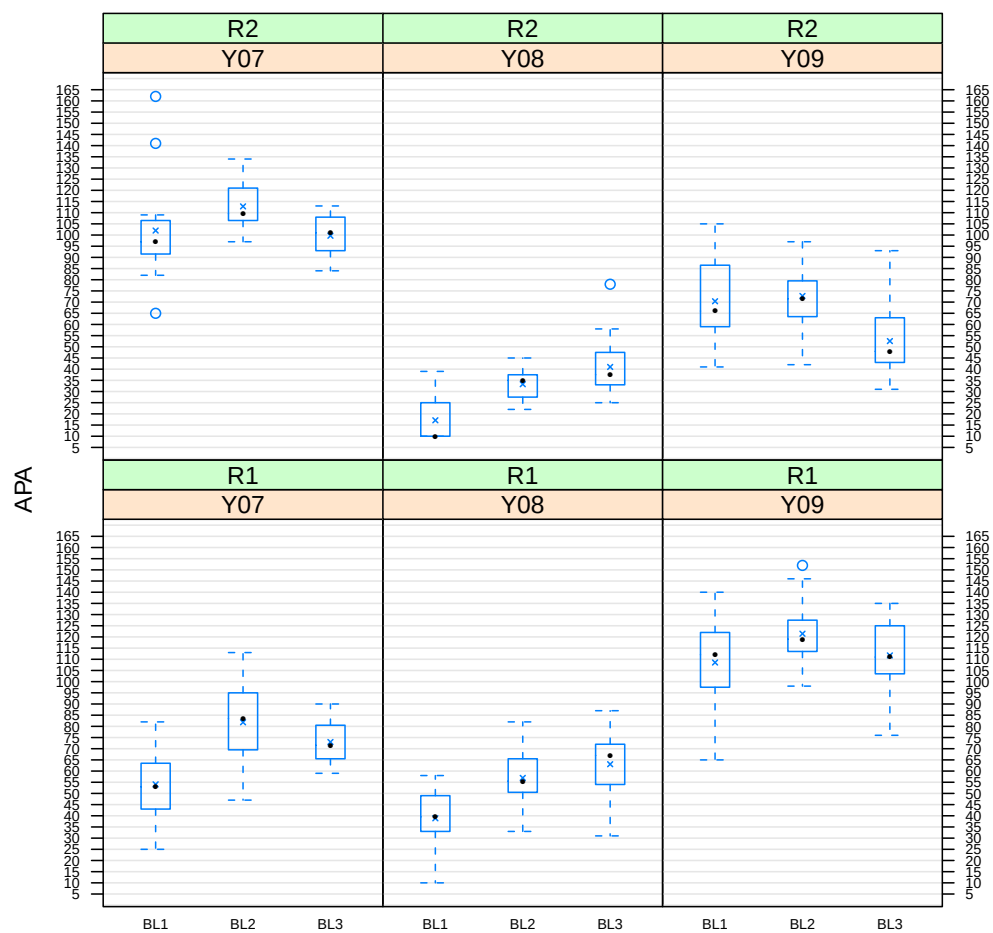


Figura 3.19: Boxplot per Blocco dell'Azoto prontamente assimilabile

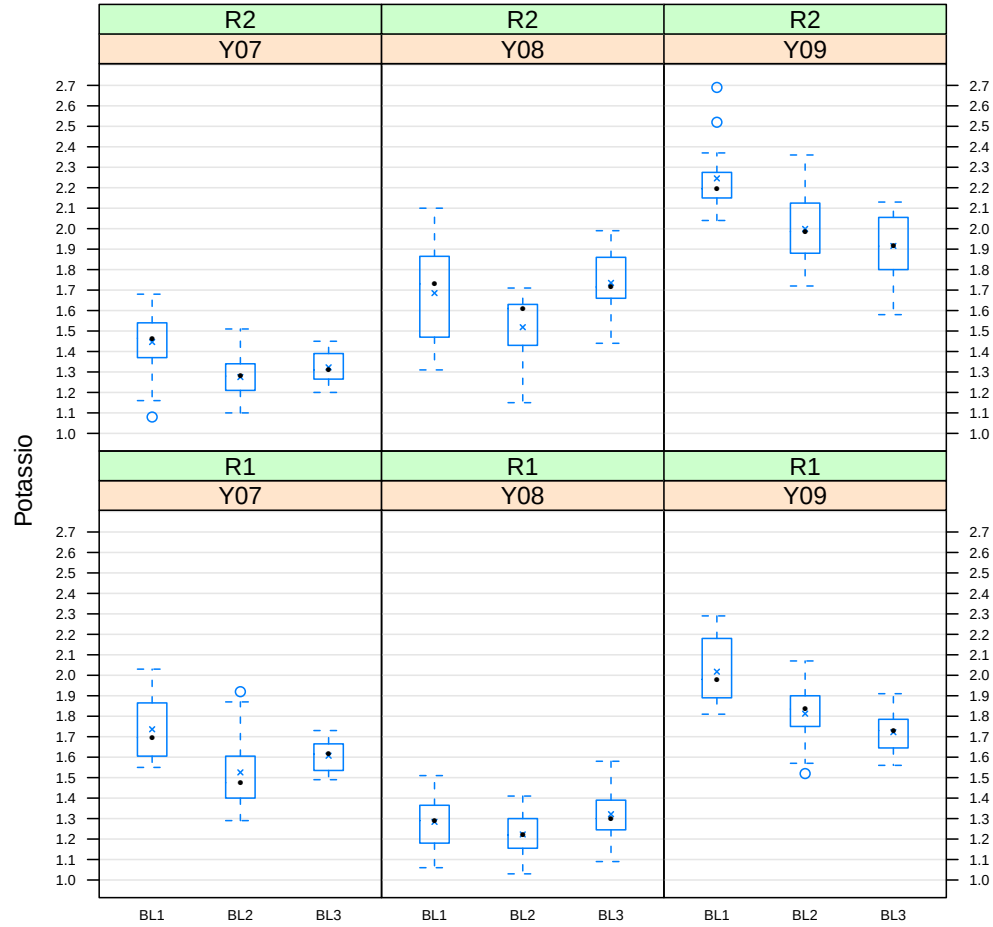


Figura 3.20: Boxplot per Blocco del Potassio

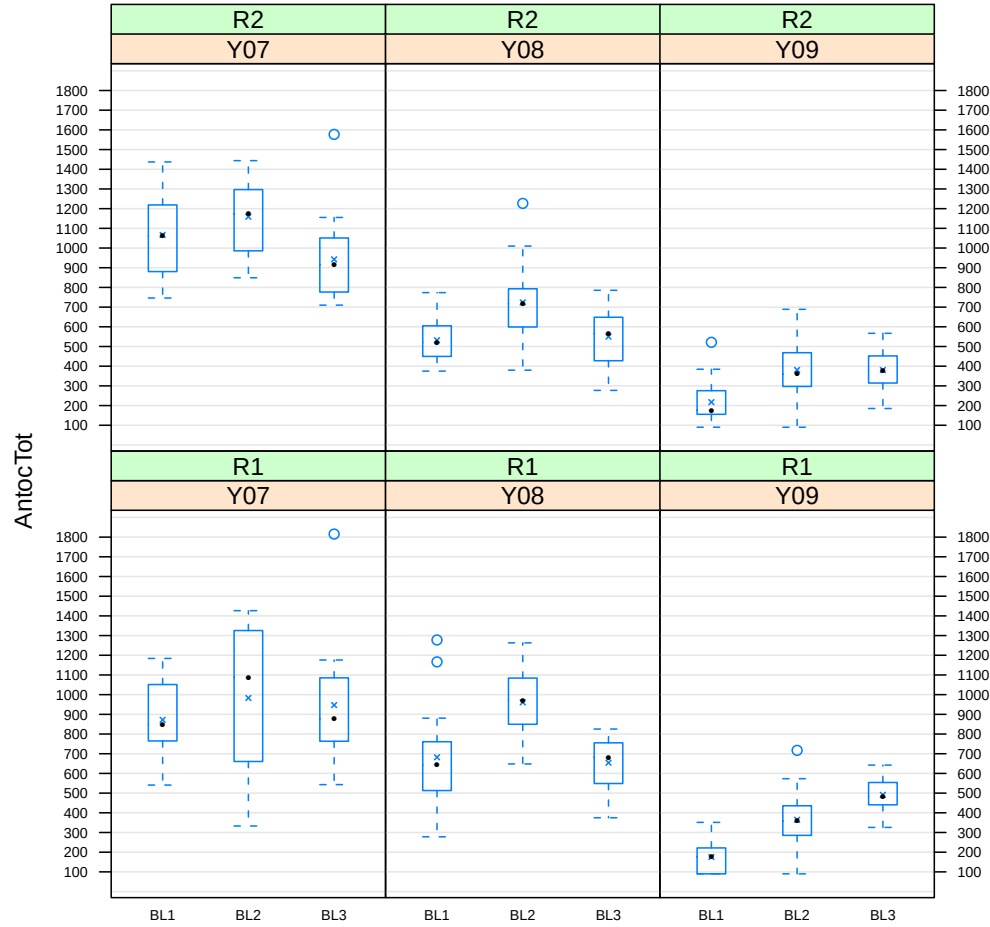


Figura 3.21: Boxplot per Blocco degli Antociani totali

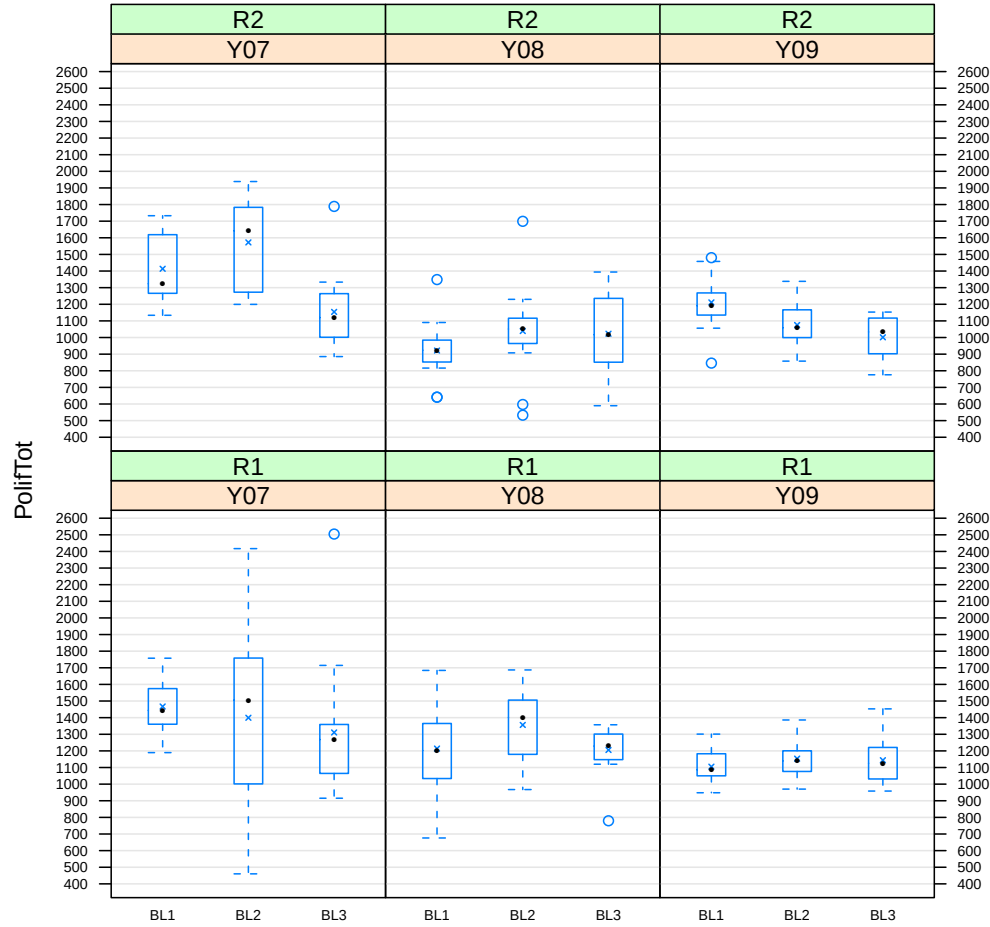


Figura 3.22: Boxplot per Blocco dei Polifenoli totali

3.2.2 Boxplot per Tesi entro Blocco

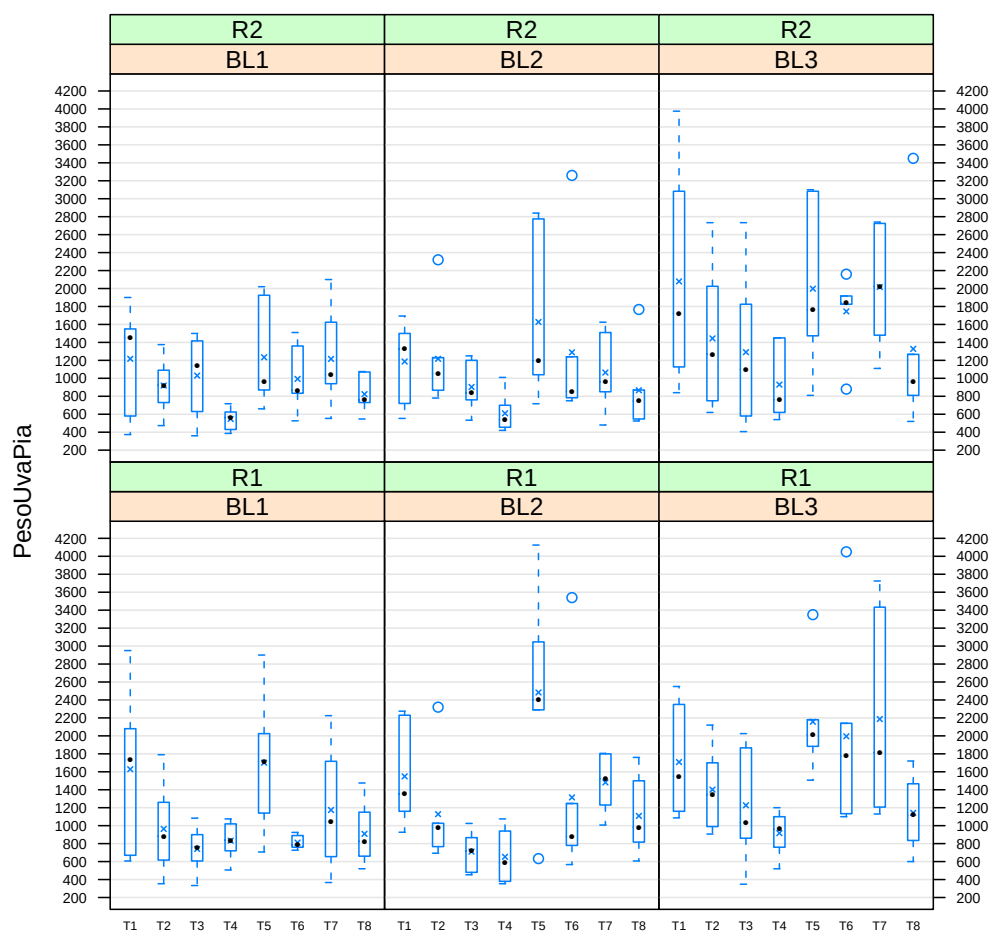


Figura 3.23: Boxplot per Tesi entro Blocco del Peso medio dell'uva per pianta

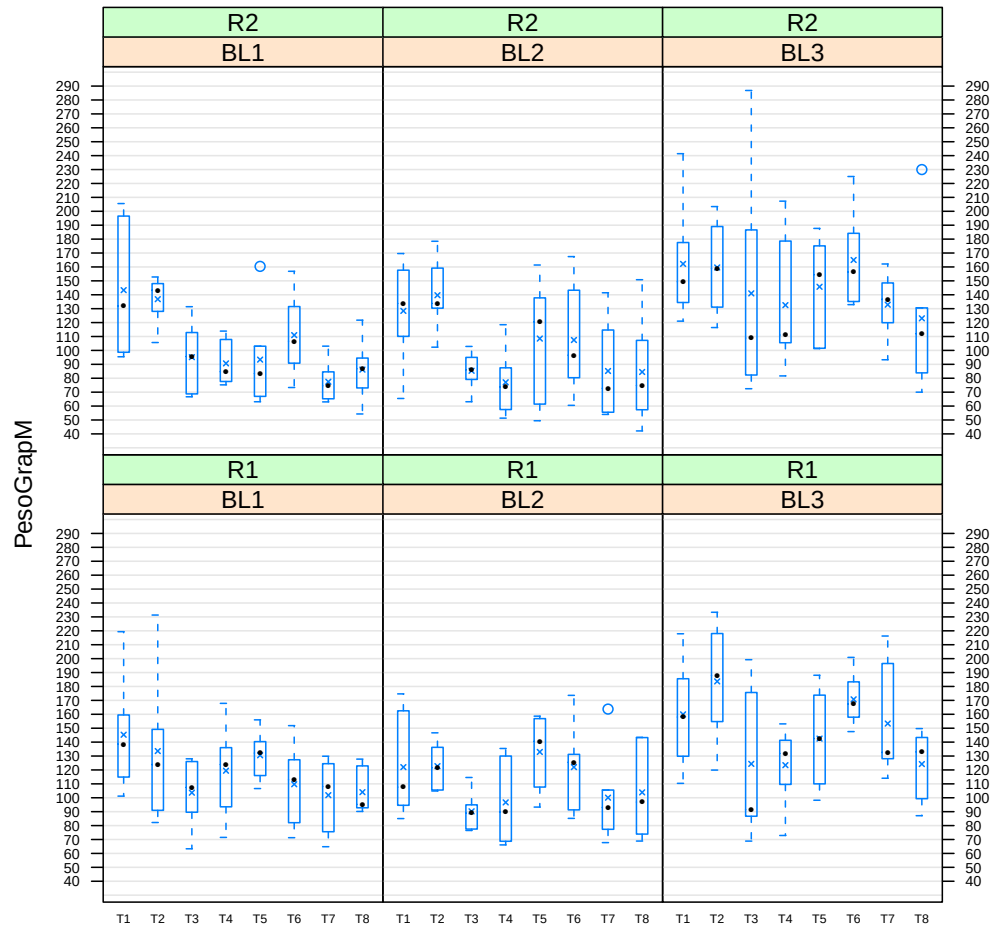


Figura 3.24: Boxplot per Tesi entro Blocco del Peso medio del grappolo

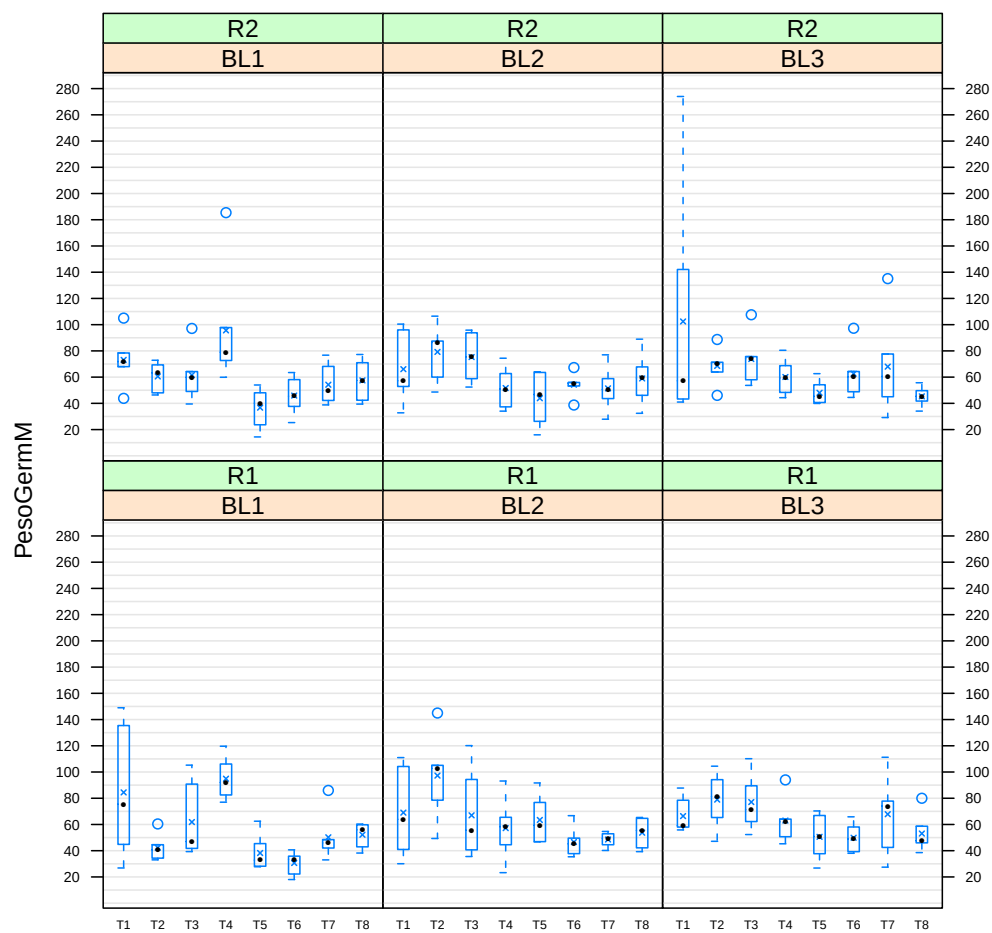


Figura 3.25: Boxplot per Tesi entro Blocco del Peso medio del germoglio

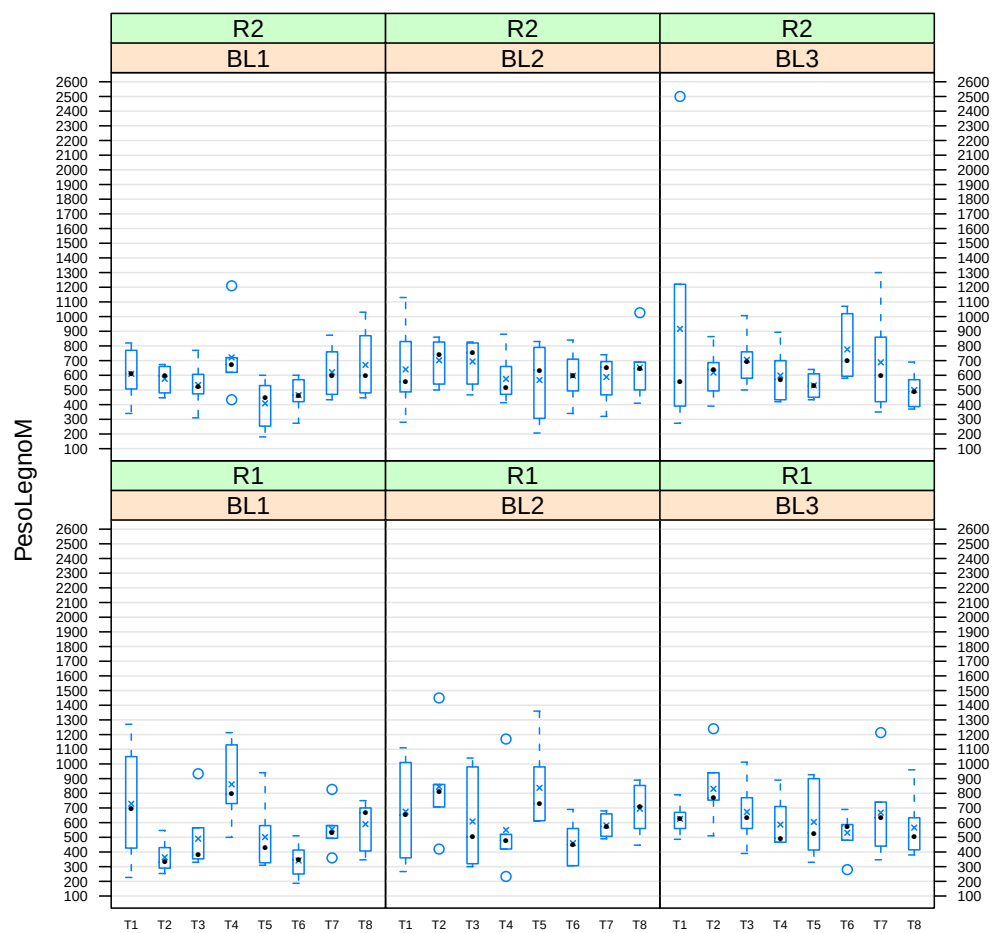


Figura 3.26: Boxplot per Tesi entro Blocco del Peso medio del legno

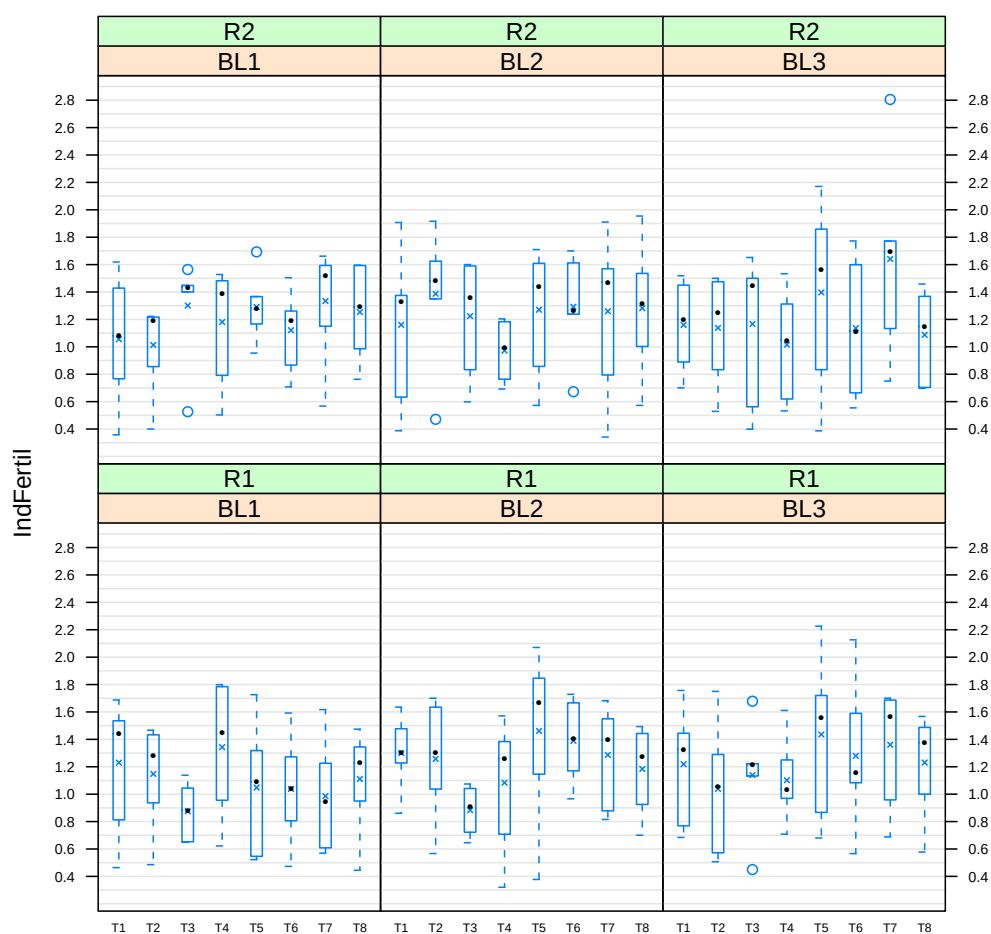


Figura 3.27: Boxplot per Tesi entro Blocco dell'Indice di Fertilità

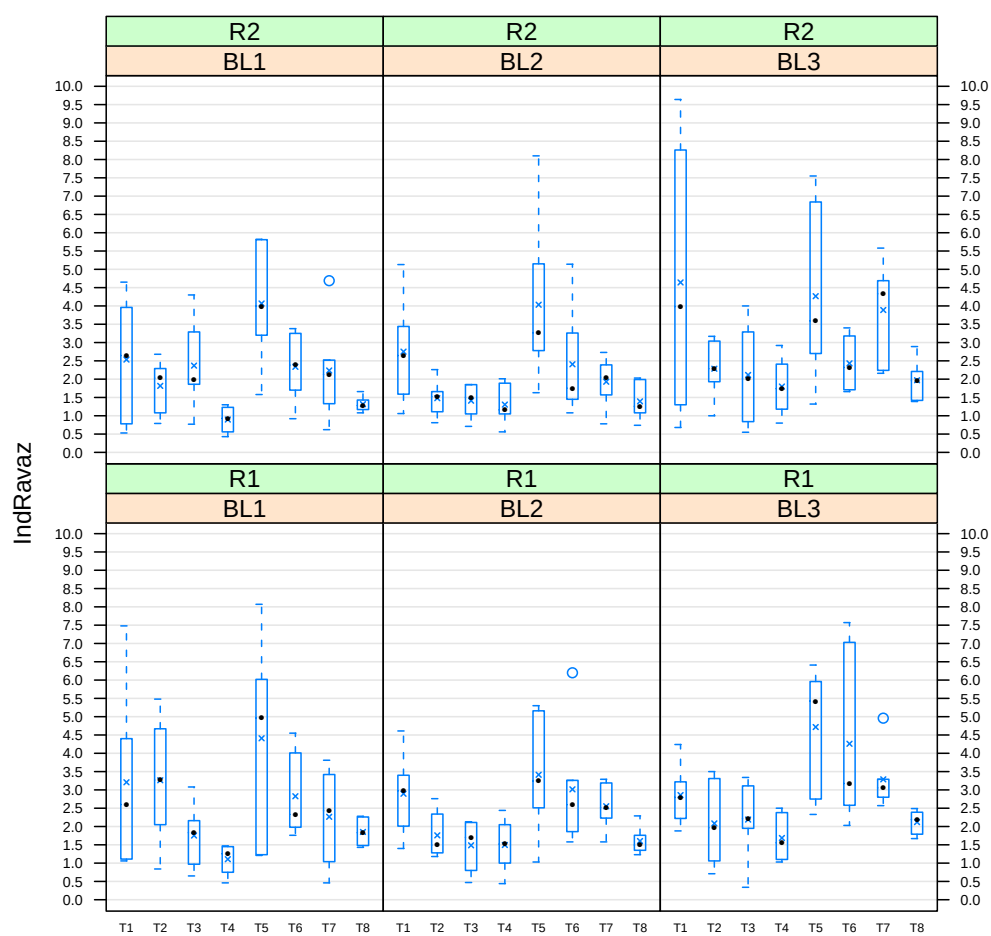


Figura 3.28: Boxplot per Tesi entro Blocco dell'Indice di Ravaz

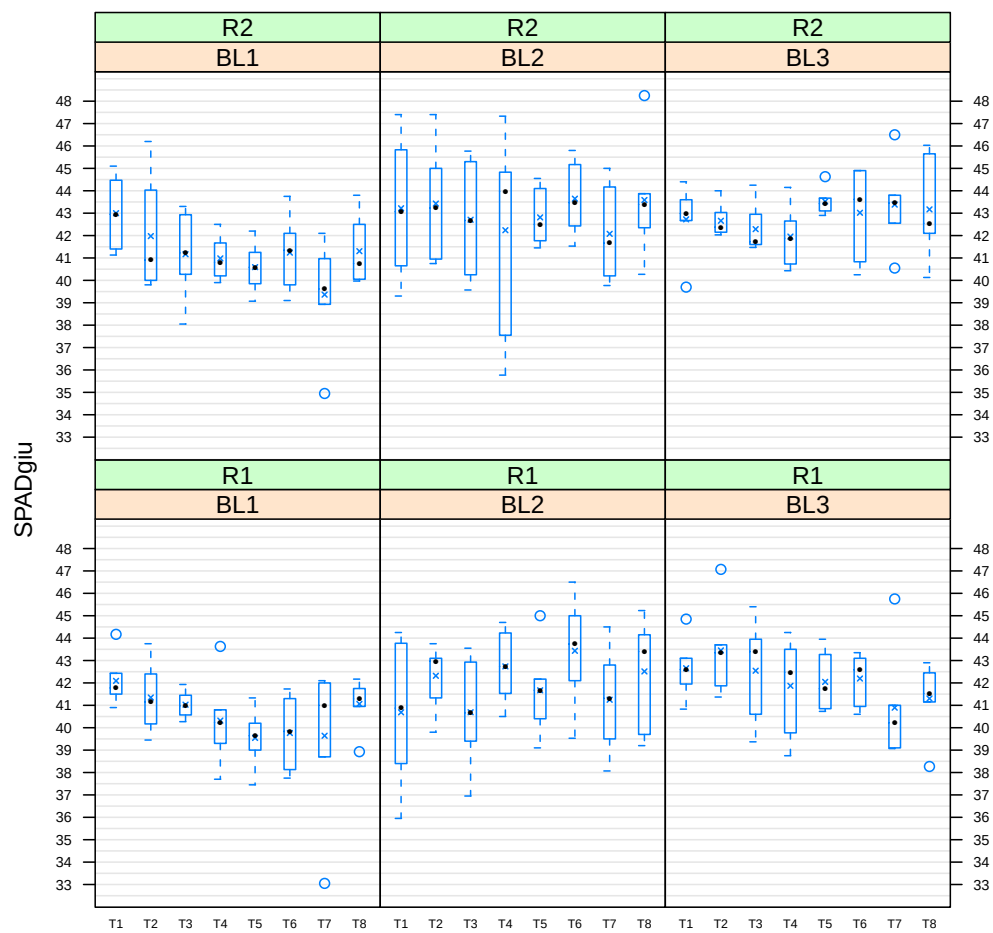


Figura 3.29: Boxplot per Tesi entro Blocco dell'Indice SPAD (giugno)

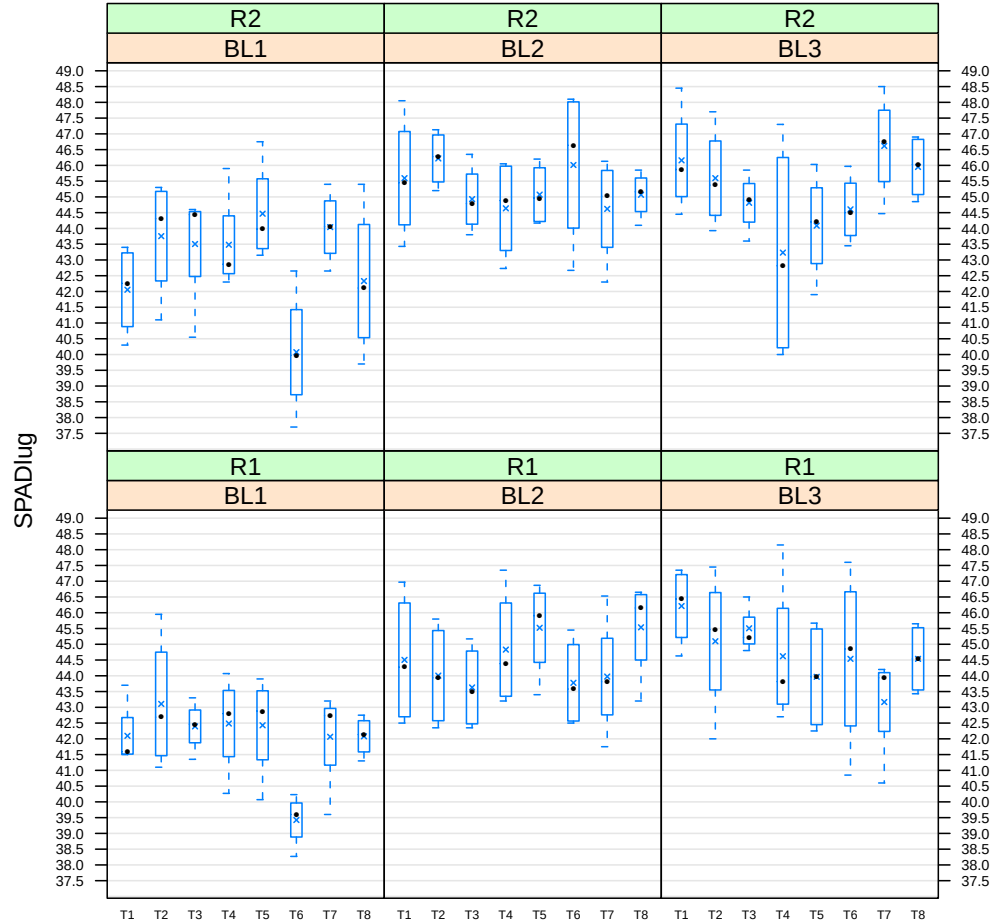


Figura 3.30: Boxplot per Tesi entro Blocco dell'Indice SPAD (luglio)

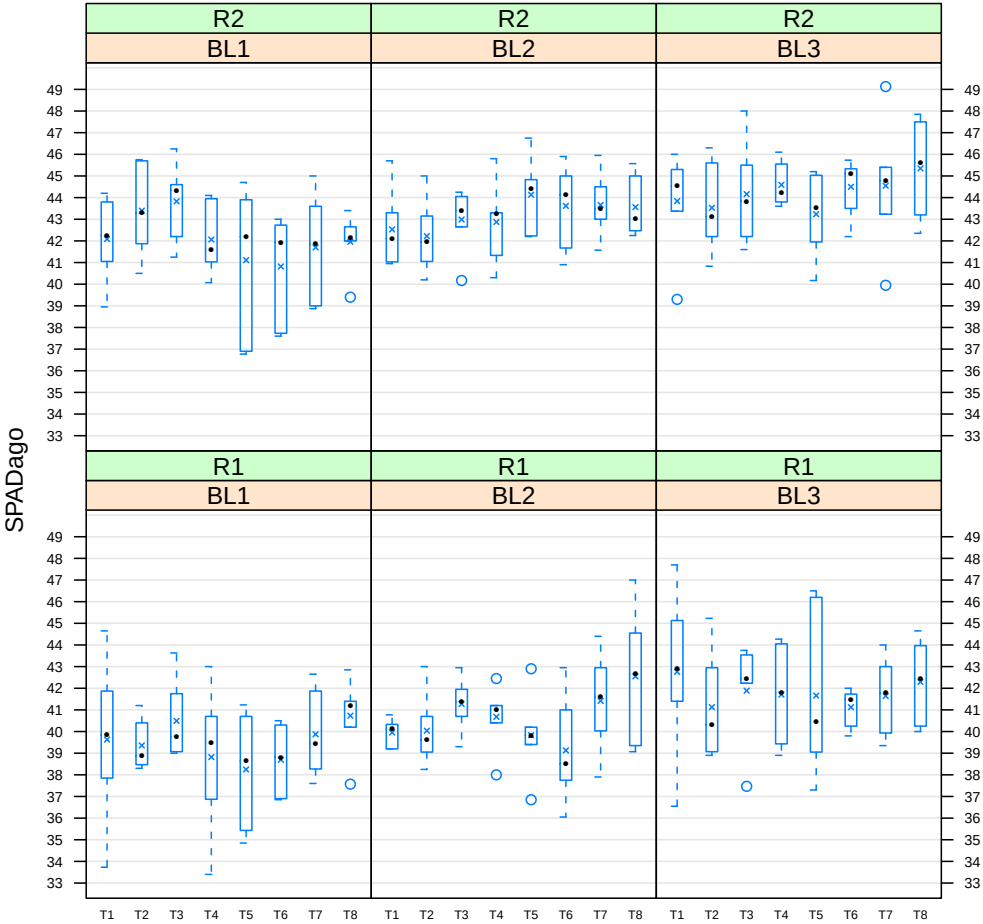


Figura 3.31: Boxplot per Tesi entro Blocco dell'Indice SPAD (agosto)

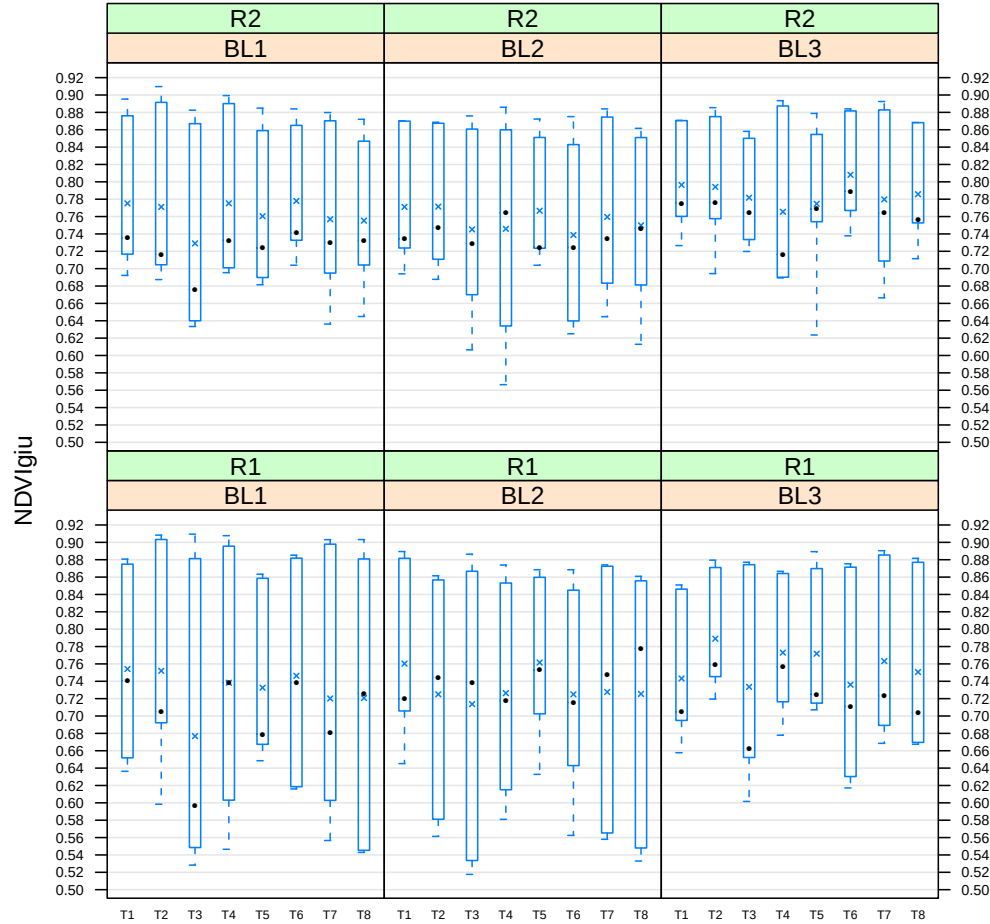


Figura 3.32: Boxplot per Tesi entro Blocco dell'Indice NDVI (giugno)

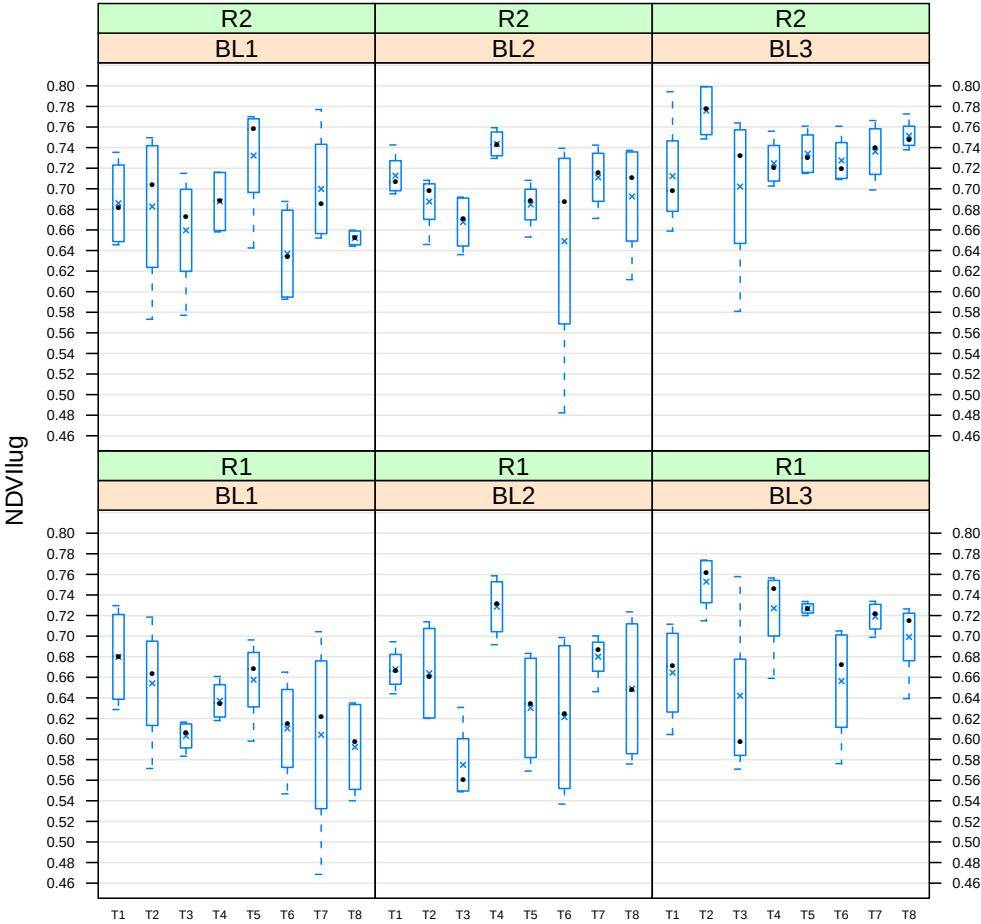


Figura 3.33: Boxplot per Tesi entro Blocco dell'Indice NDVI (luglio)

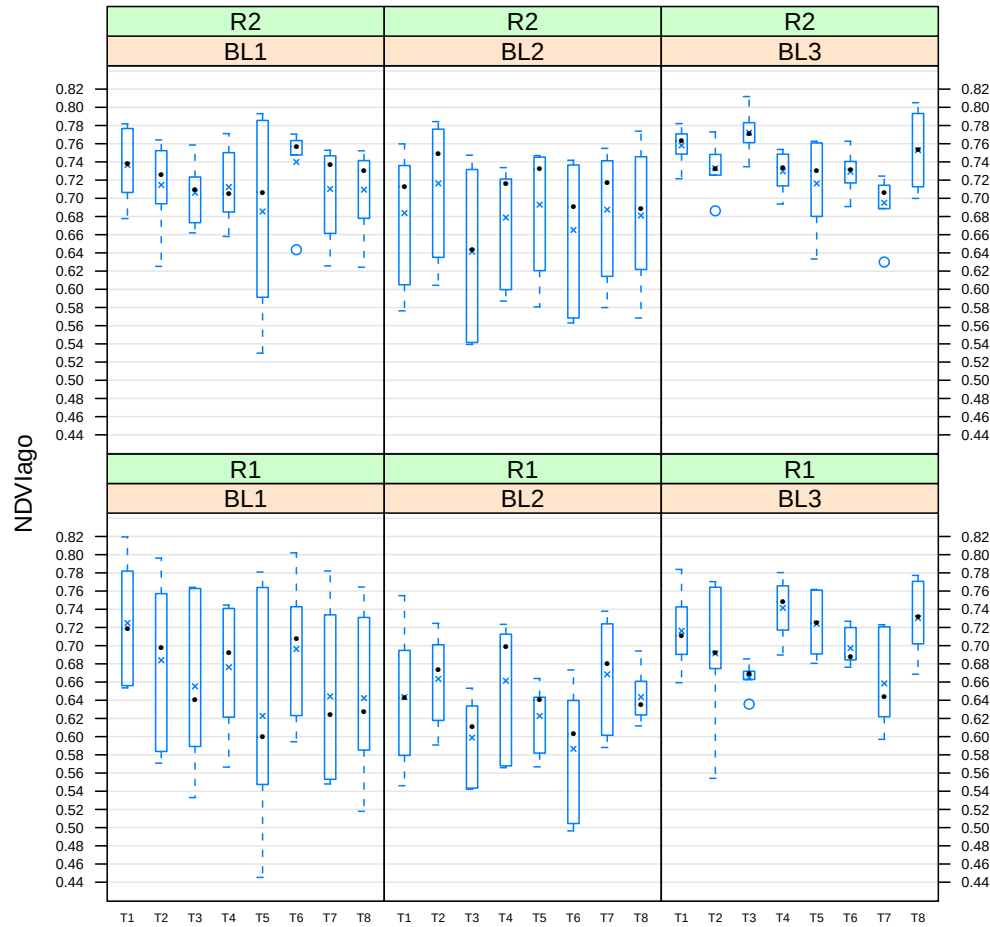


Figura 3.34: Boxplot per Tesi entro Blocco dell'Indice NDVI (agosto)

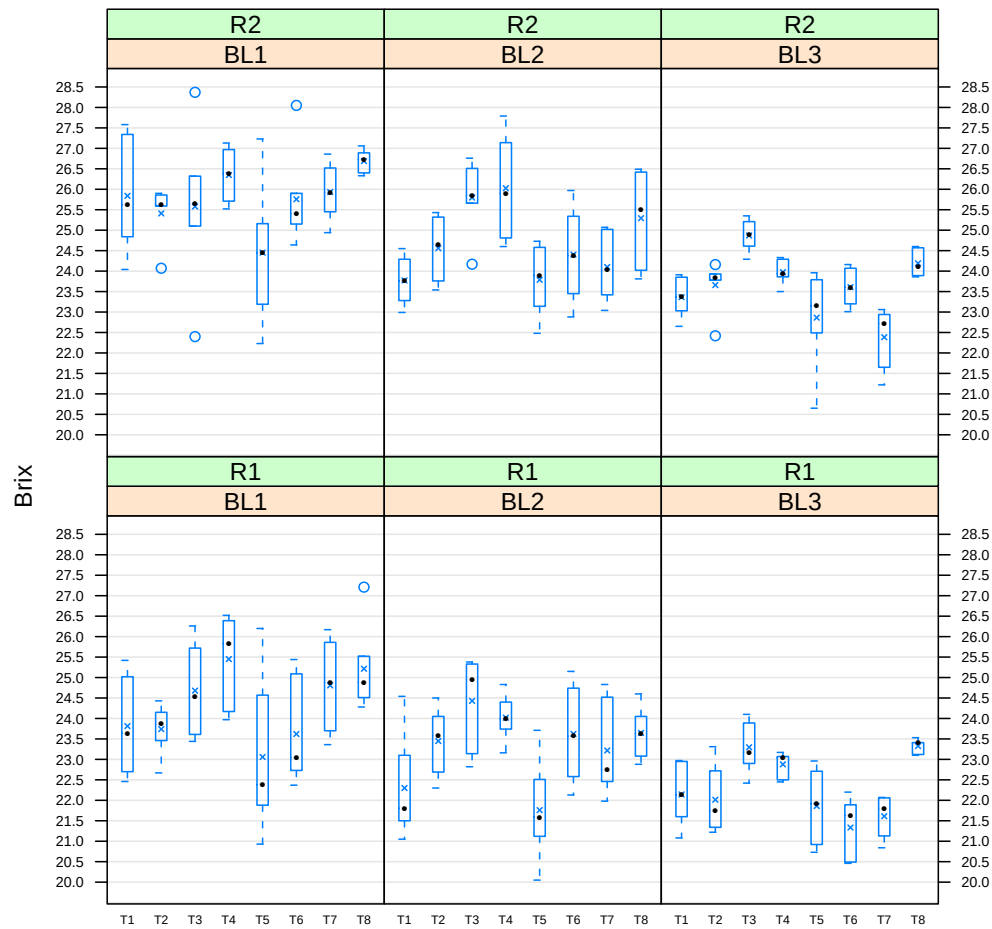


Figura 3.35: Boxplot per Tesi entro Blocco del Brix

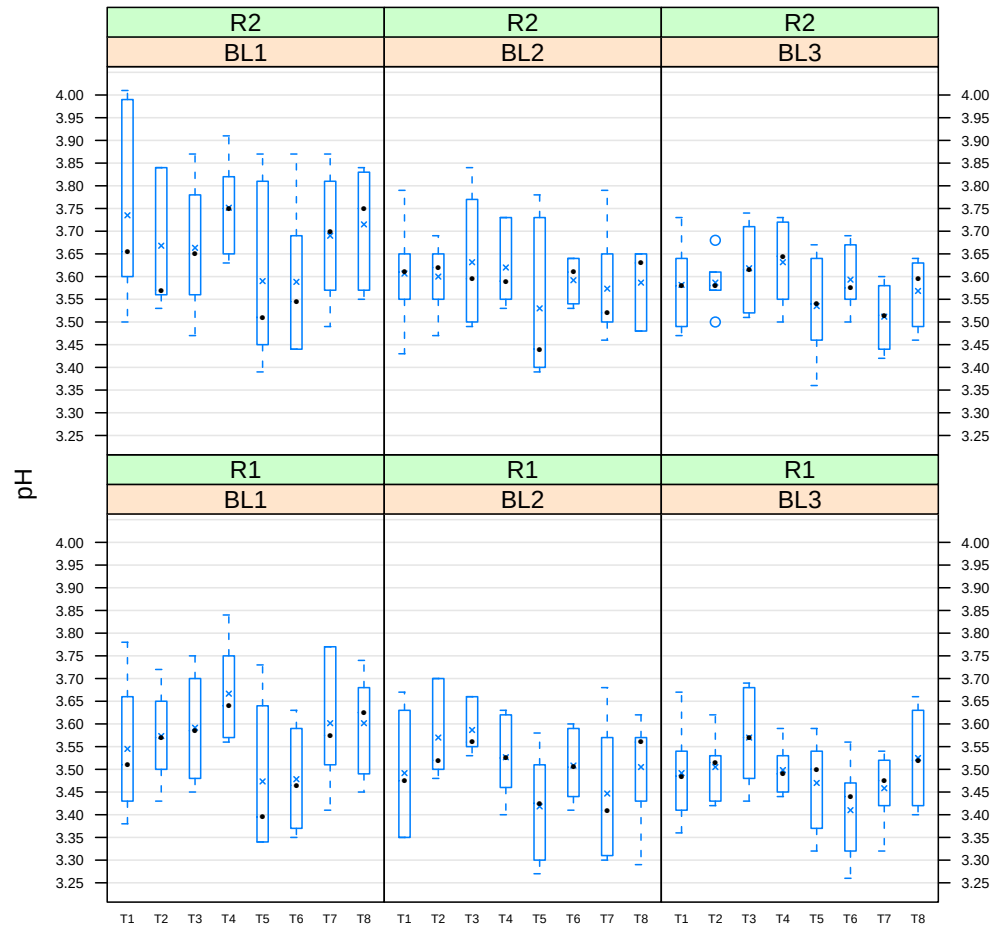


Figura 3.36: Boxplot per Tesi entro Blocco del pH

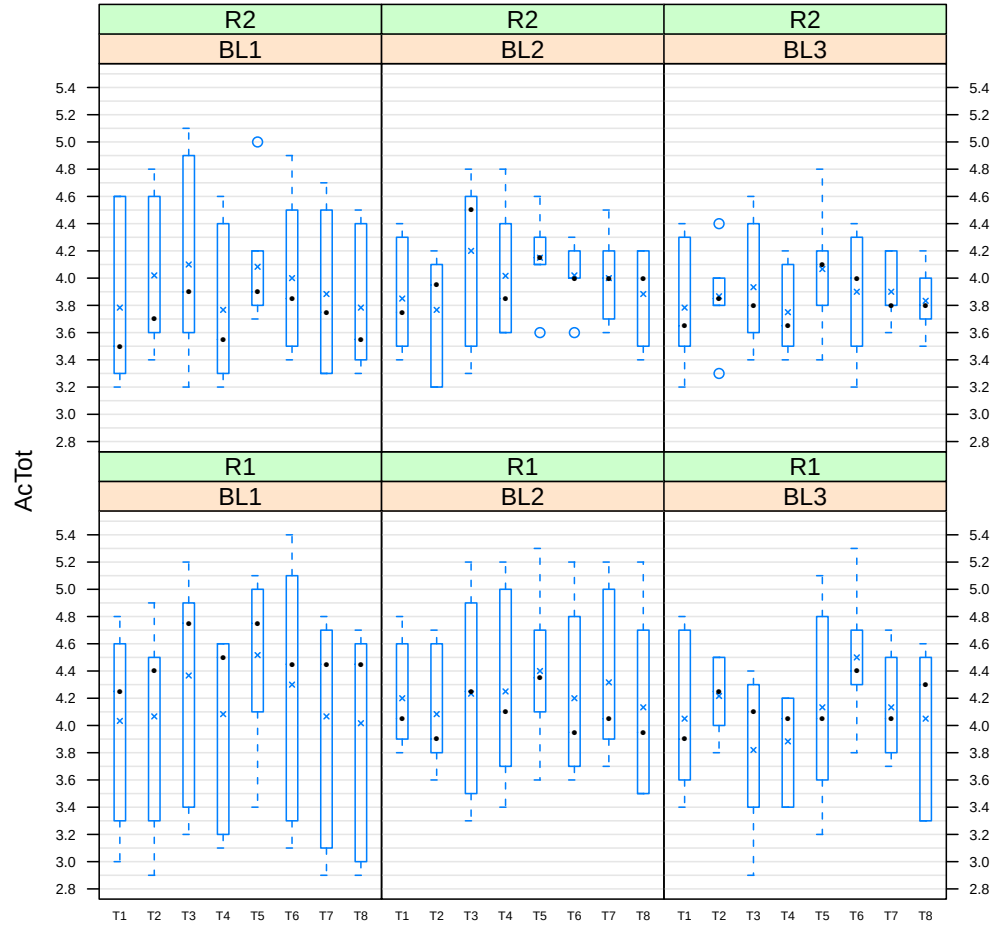


Figura 3.37: Boxplot per Tesi entro Blocco dell'Acidità totale

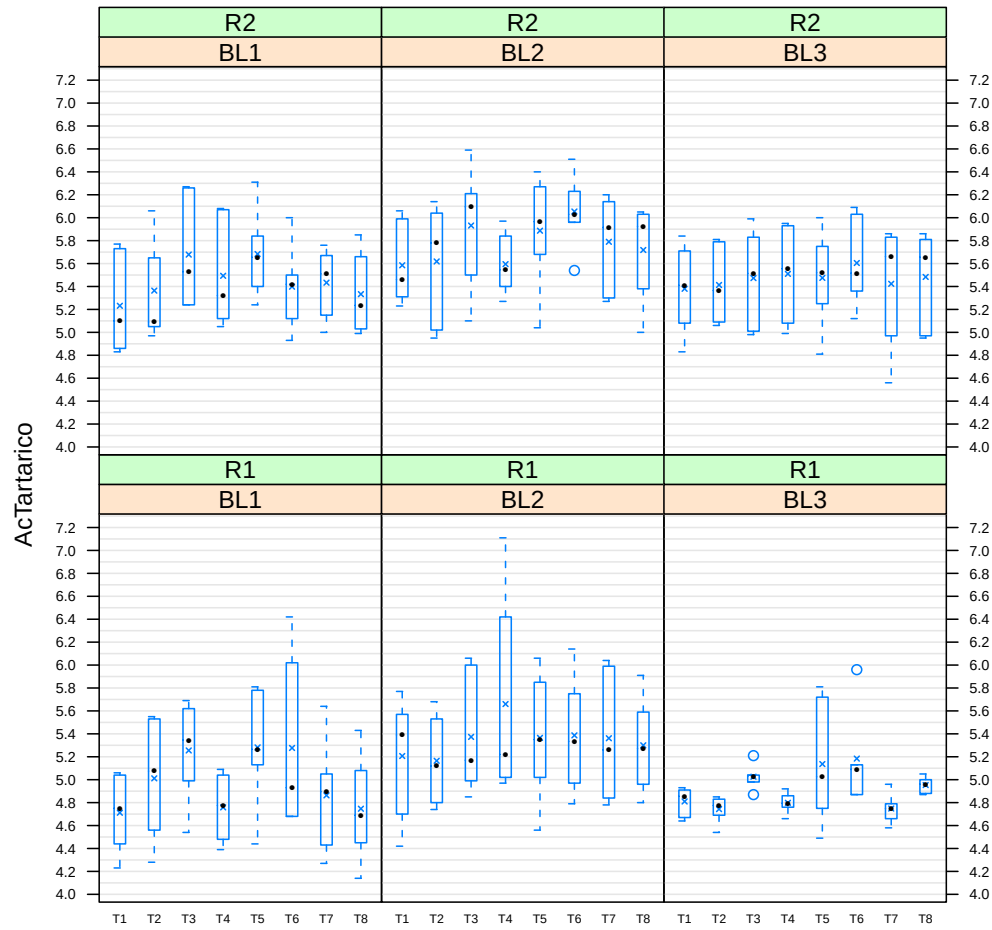


Figura 3.38: Boxplot per Tesi entro Blocco dell'Acido tartarico

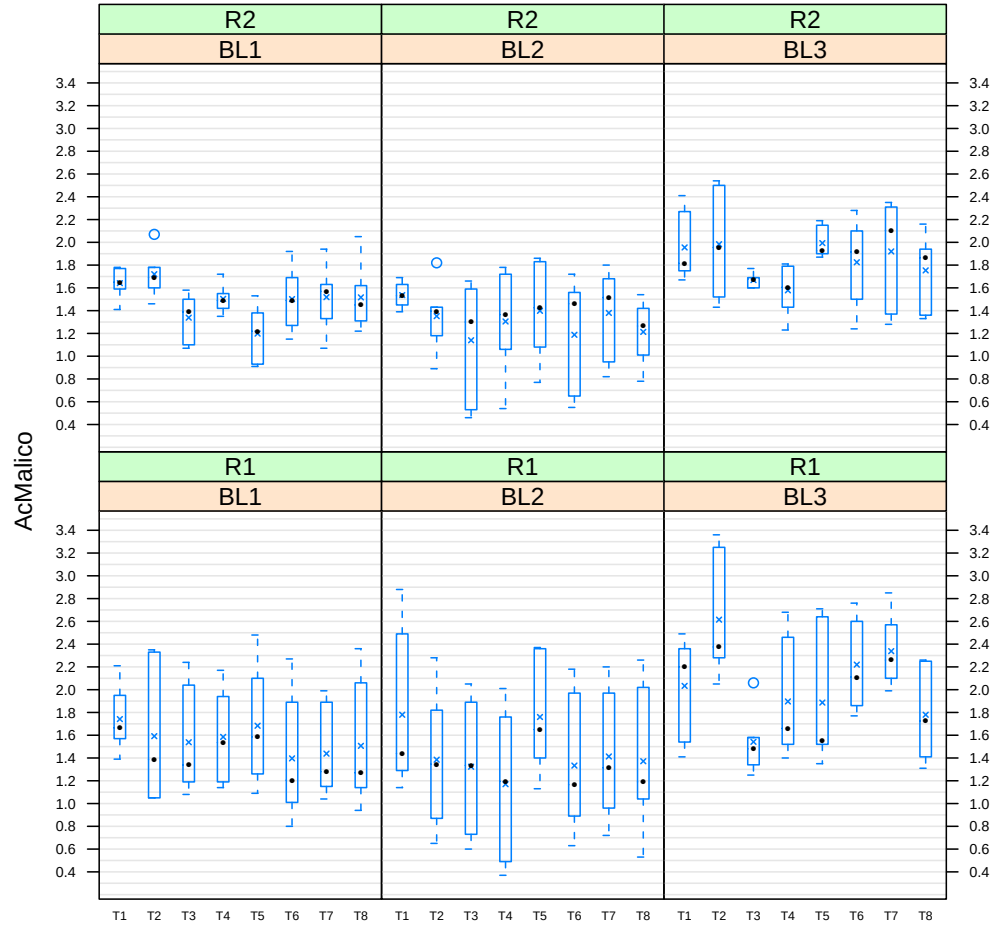


Figura 3.39: Boxplot per Tesi entro Blocco dell'Acido Malico

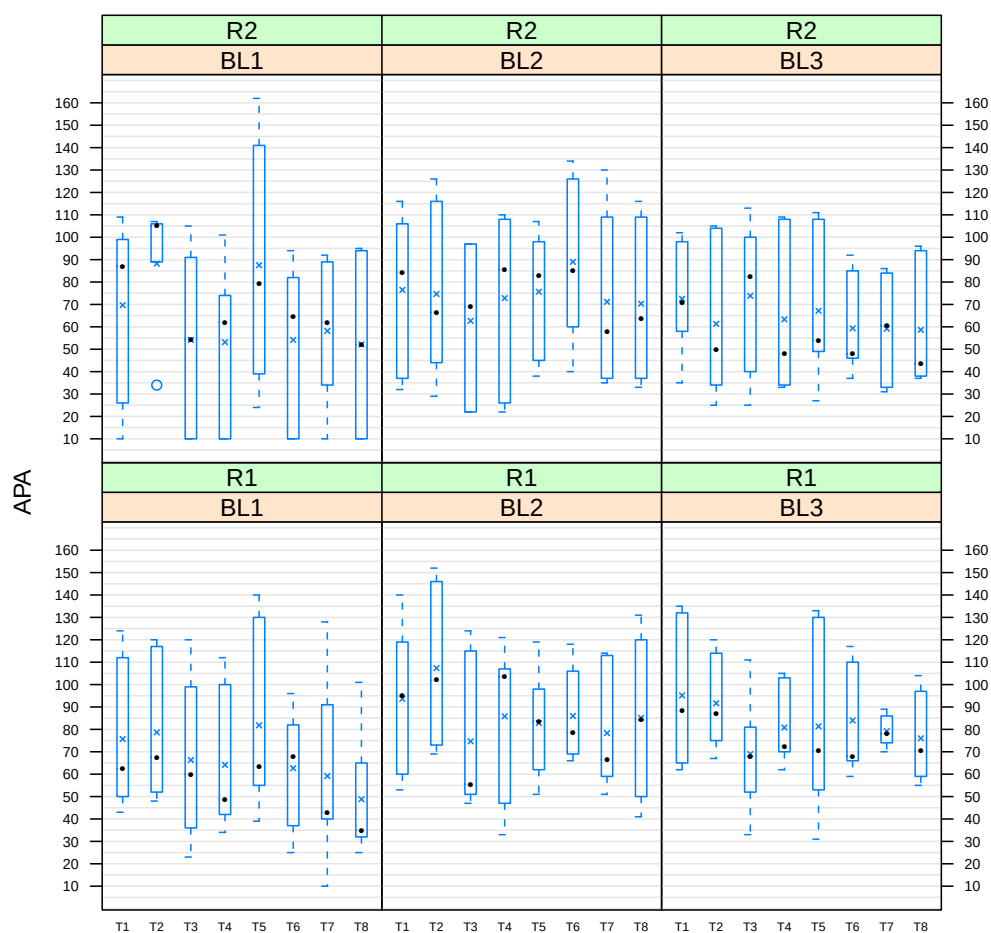


Figura 3.40: Boxplot per Tesi entro Blocco dell'Azoto prontamente assimilabile

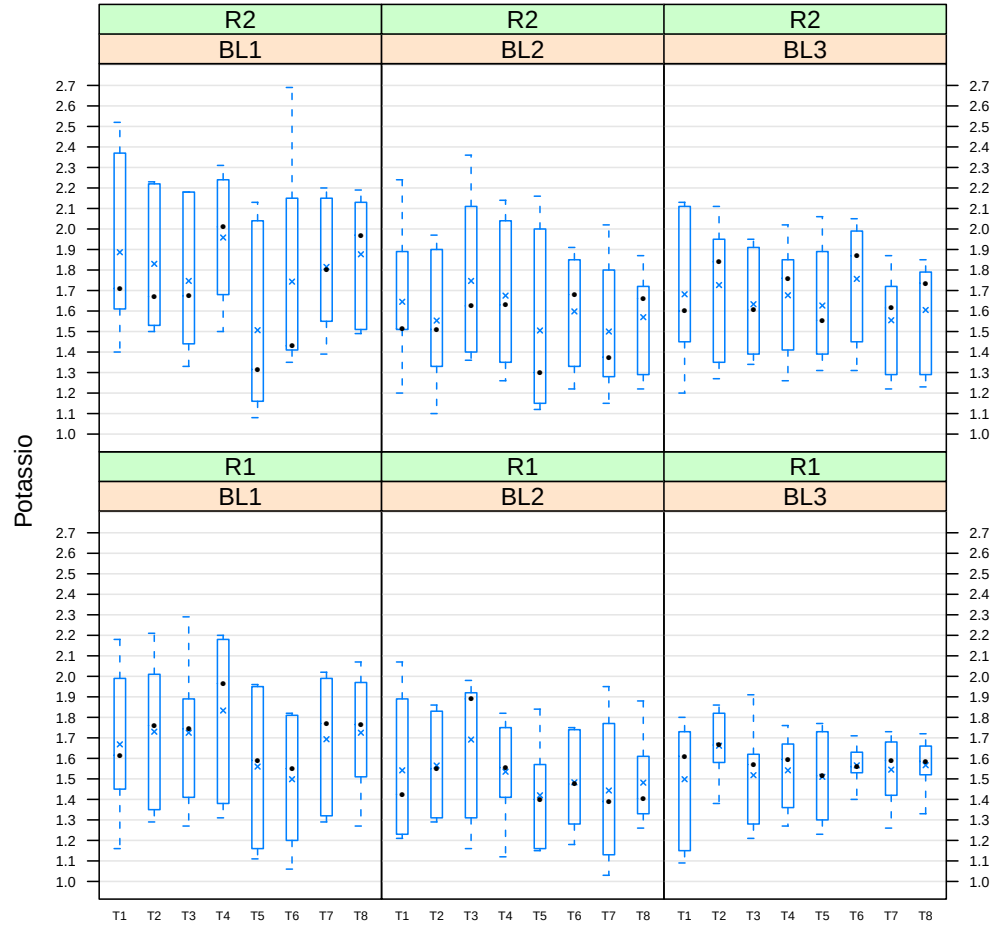


Figura 3.41: Boxplot per Tesi entro Blocco del Potassio

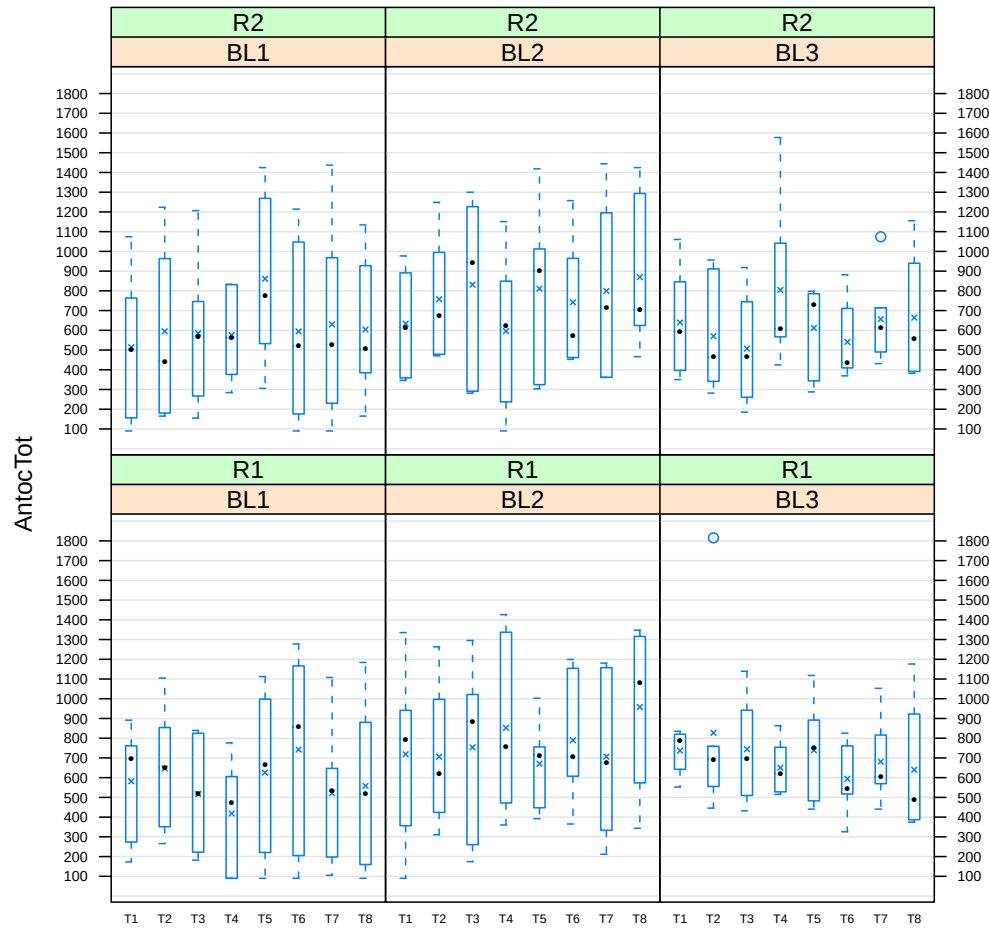


Figura 3.42: Boxplot per Tesi entro Blocco degli Antociani totali

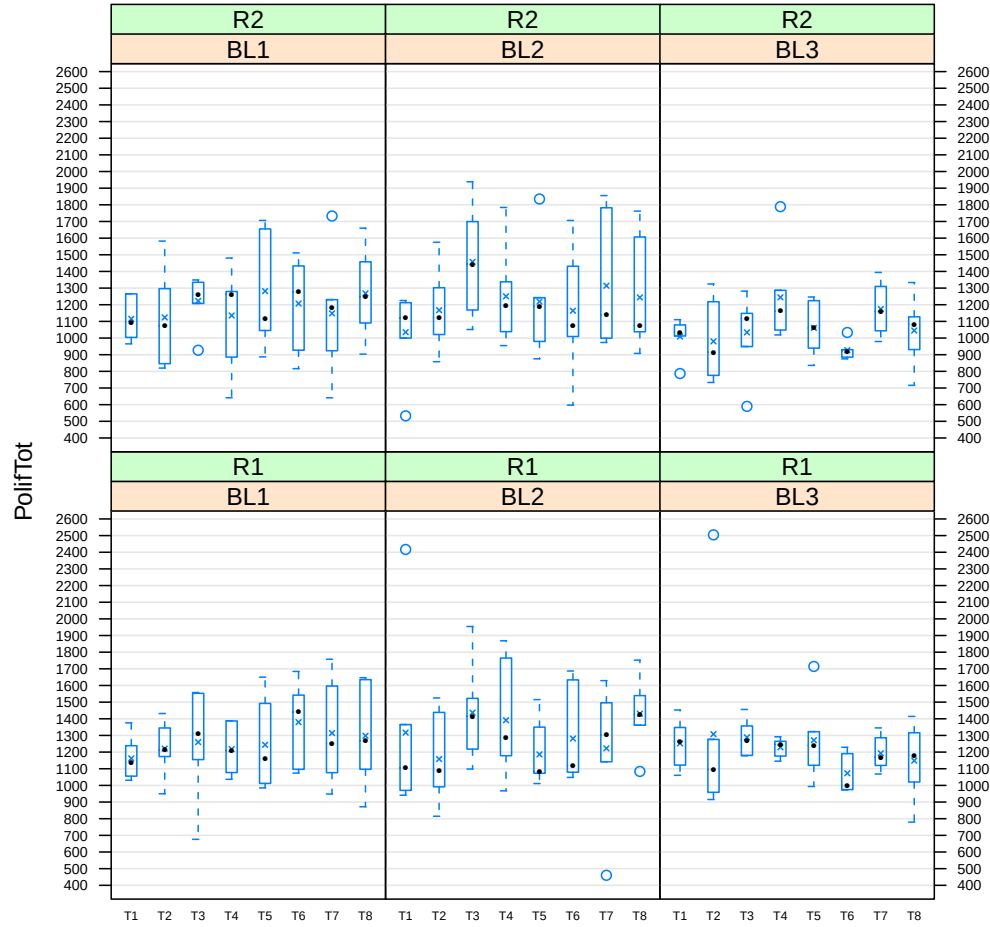


Figura 3.43: Boxplot per Tesi entro Blocco dei Polifenoli totali

3.3 Dotplot (Cacciagrande)

3.3.1 Dotplot per Blocco

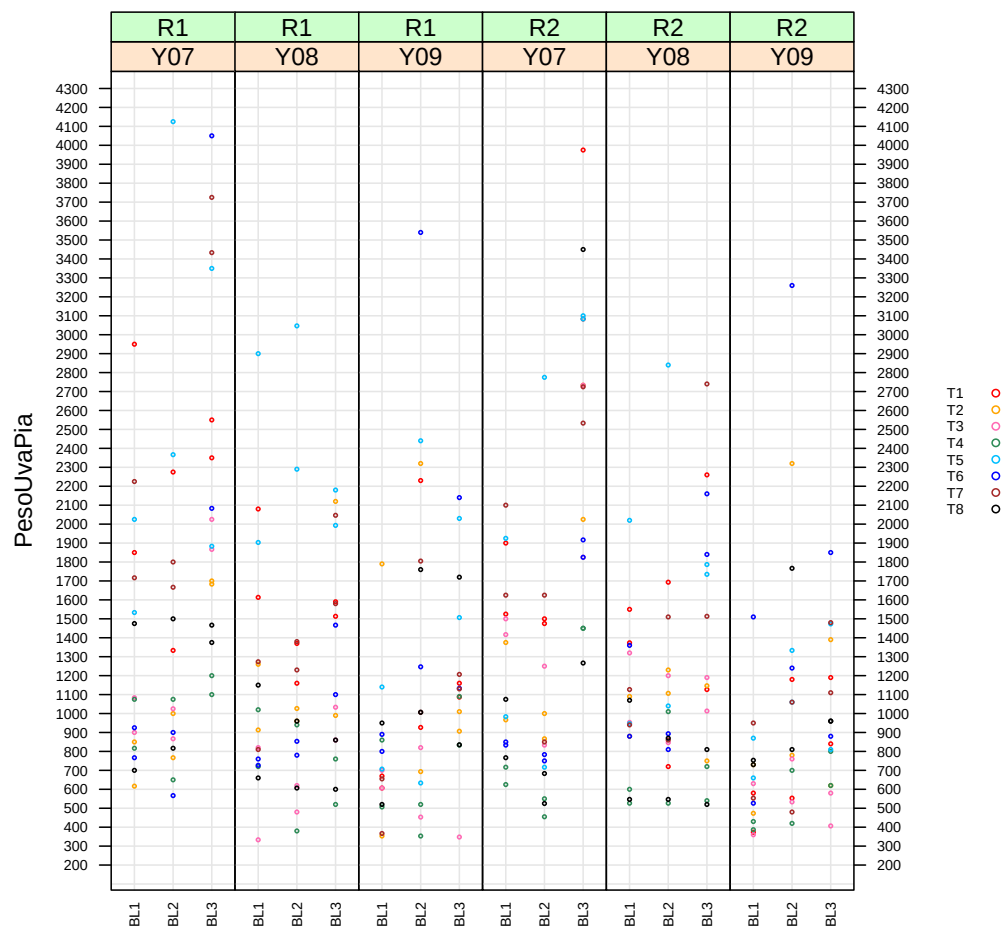


Figura 3.44: Dotplot per Blocco del Peso medio dell’uva per pianta

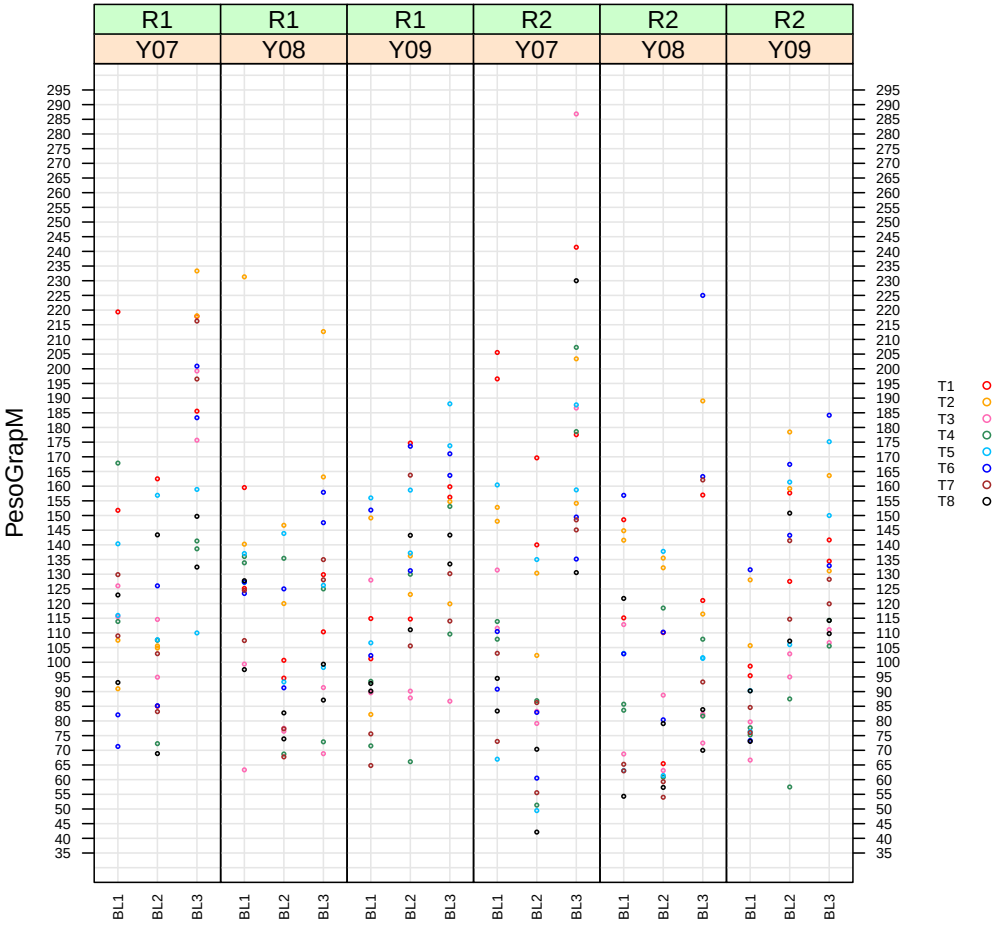


Figura 3.45: Dotplot per Blocco del Peso medio del grappolo

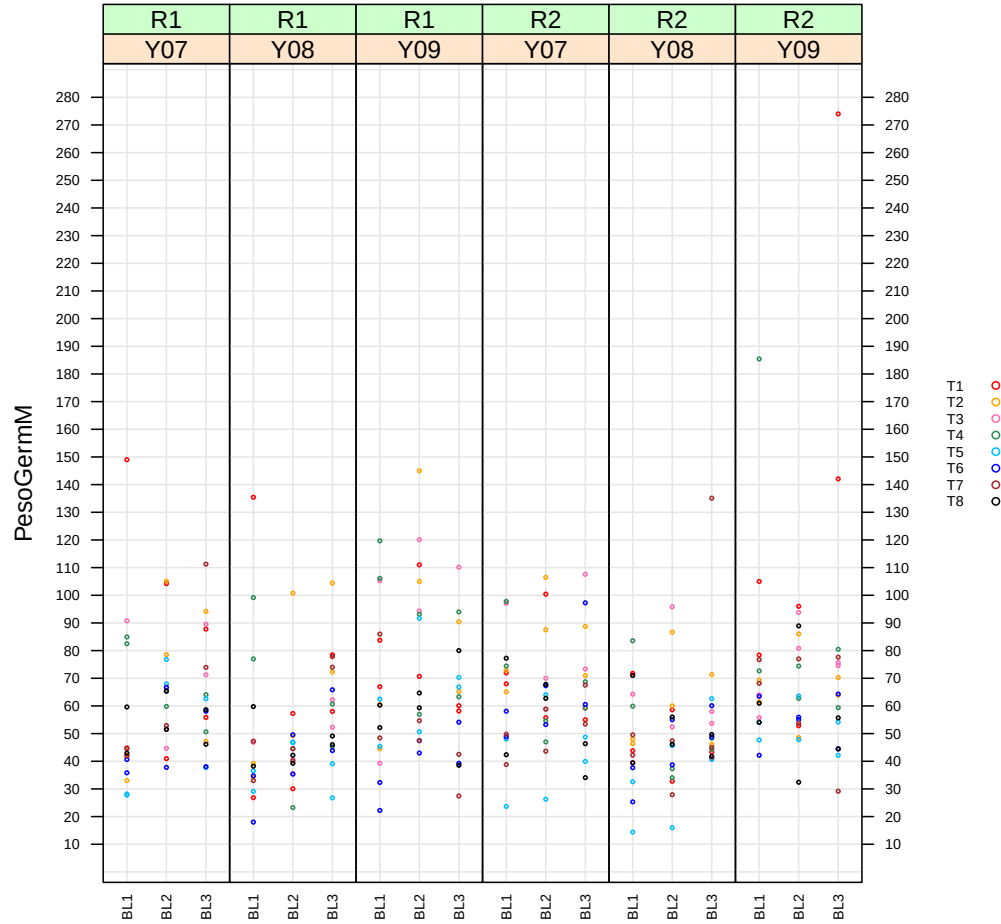


Figura 3.46: Dotplot per Blocco del Peso medio del germoglio

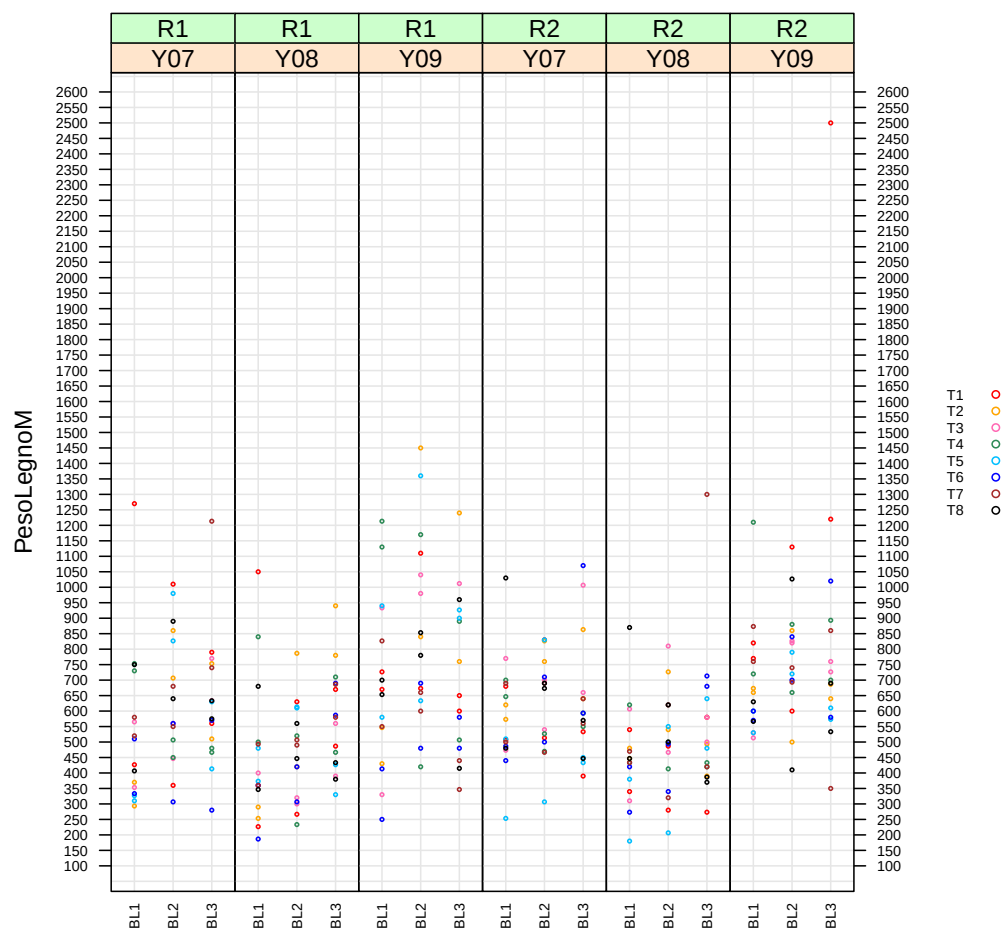


Figura 3.47: Dotplot per Blocco del Peso medio del legno

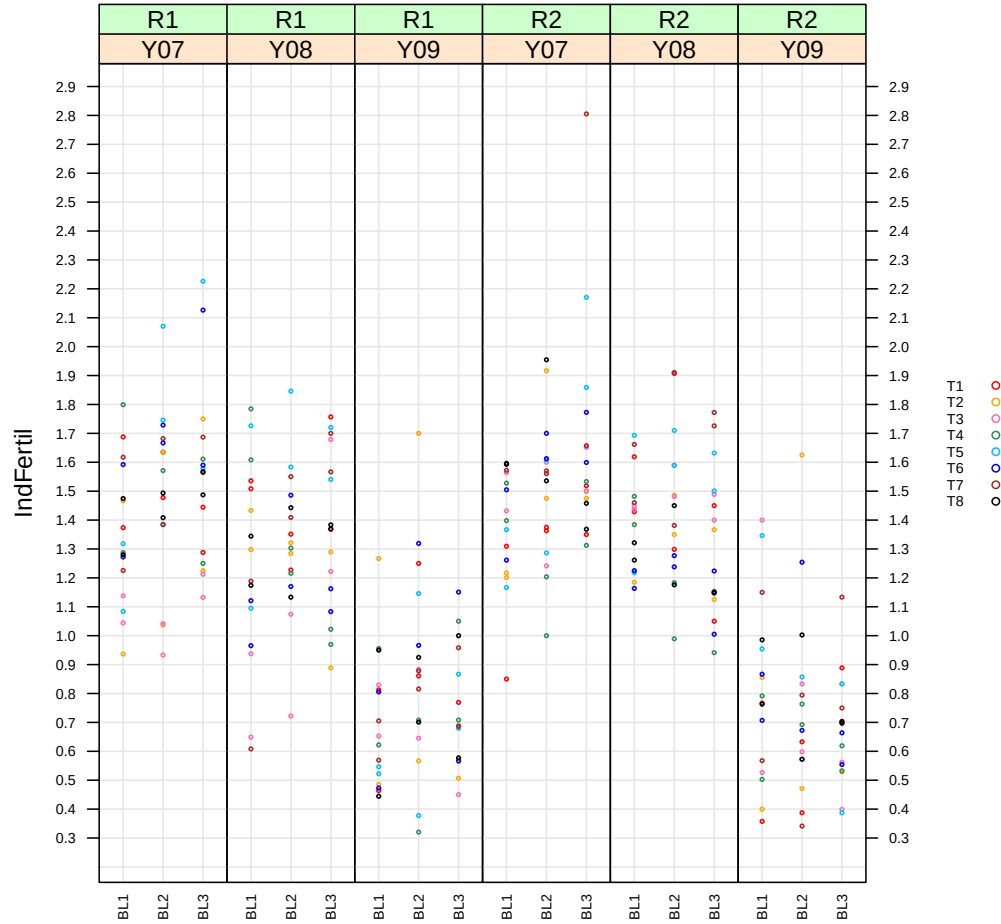


Figura 3.48: Dotplot per Blocco dell'Indice di Fertilità

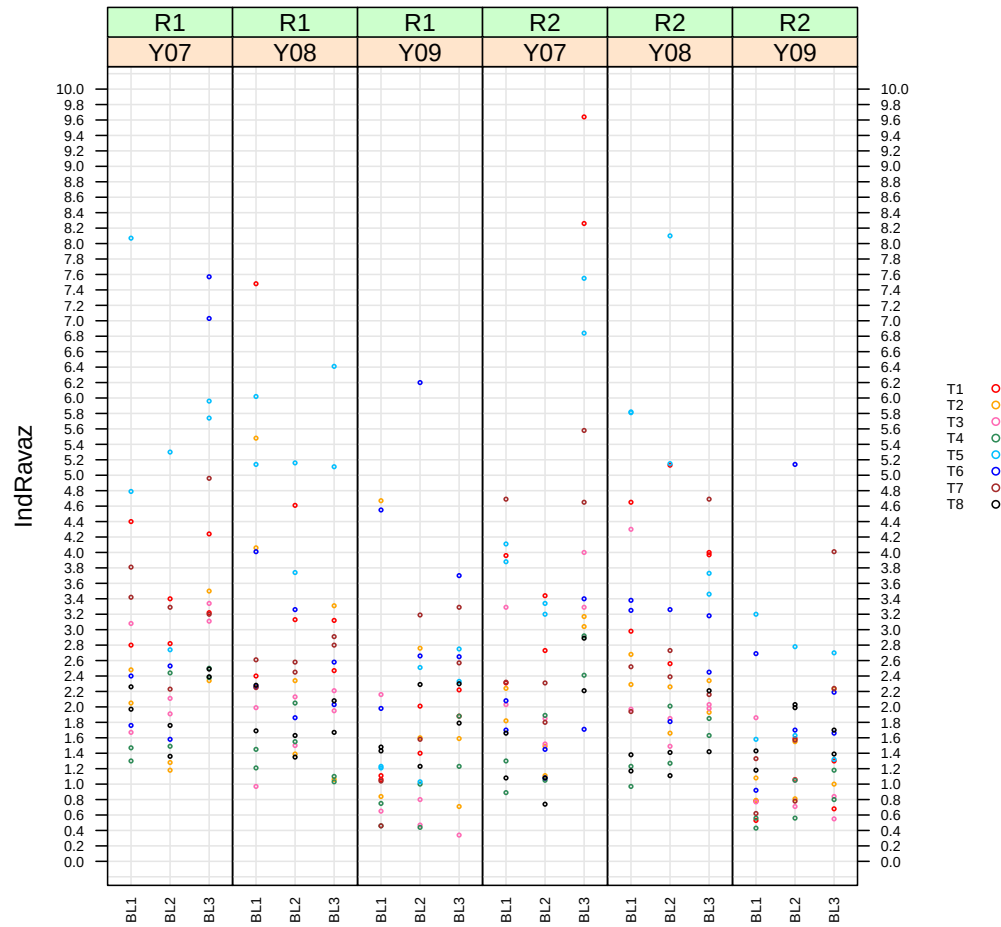


Figura 3.49: Dotplot per Blocco dell'Indice di Ravaz

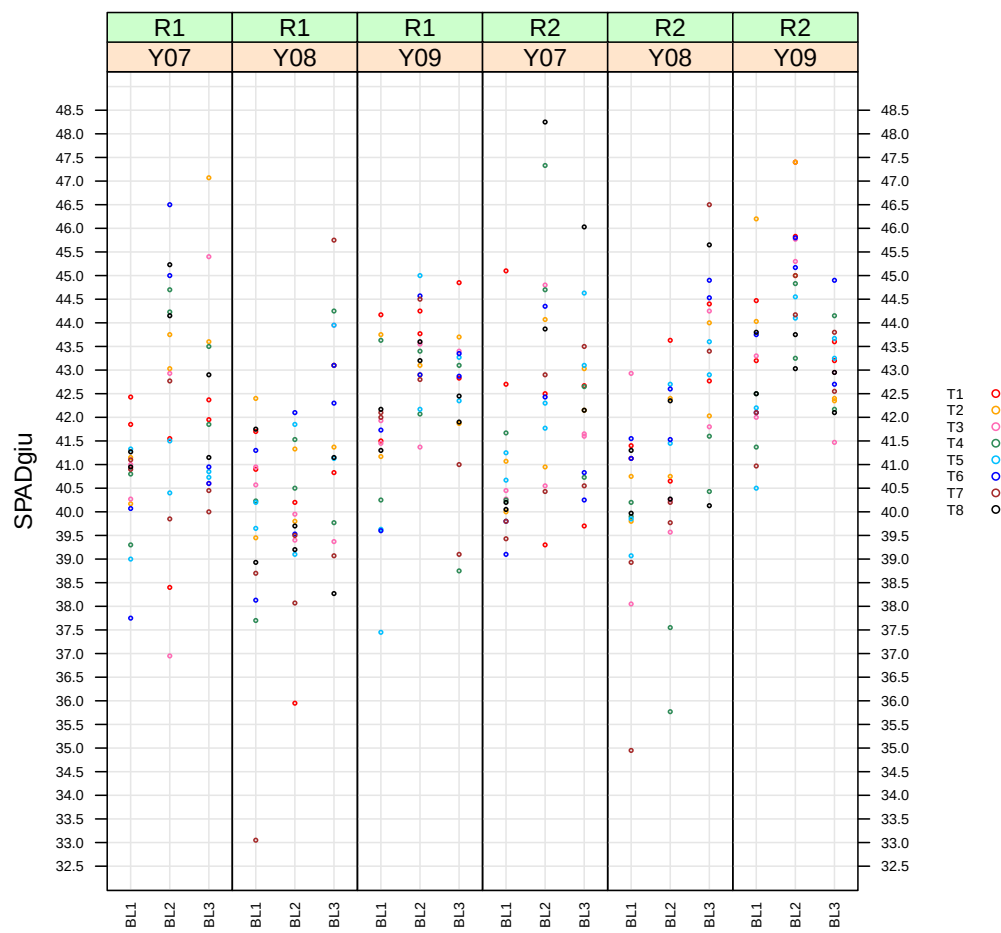


Figura 3.50: Dotplot per Blocco dell'Indice SPAD (giugno)

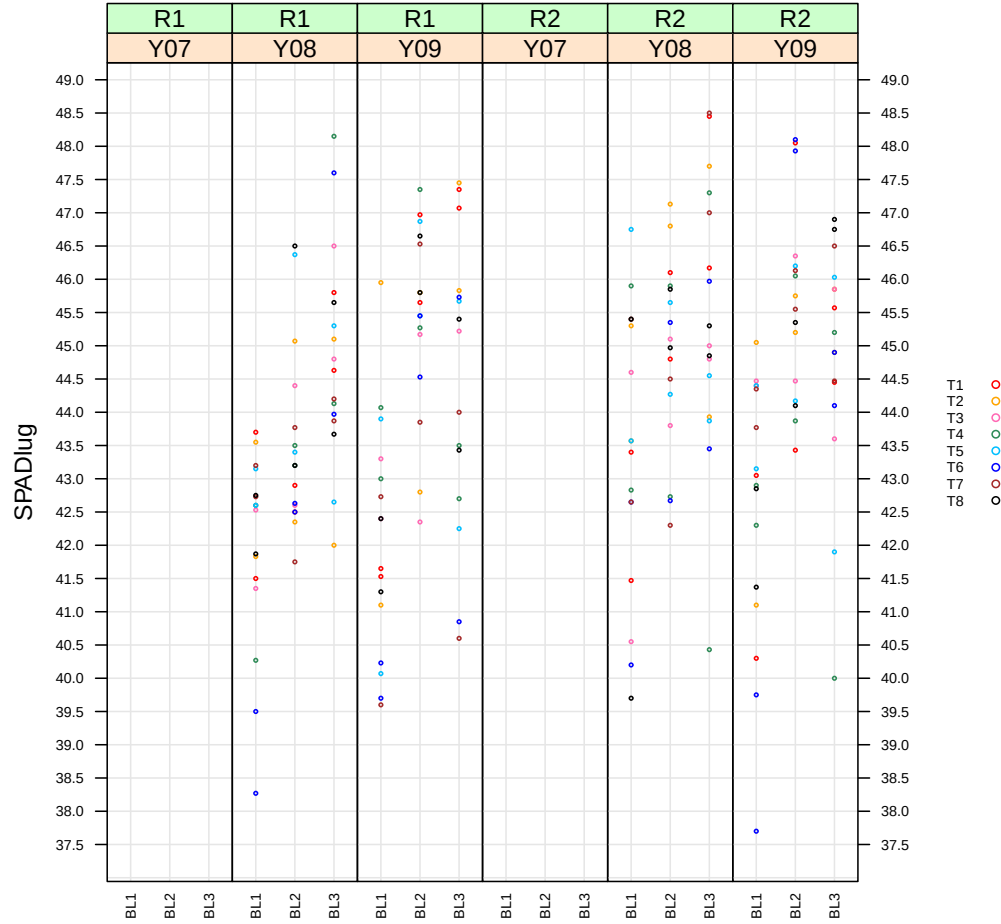


Figura 3.51: Dotplot per Blocco dell'Indice SPAD (luglio)

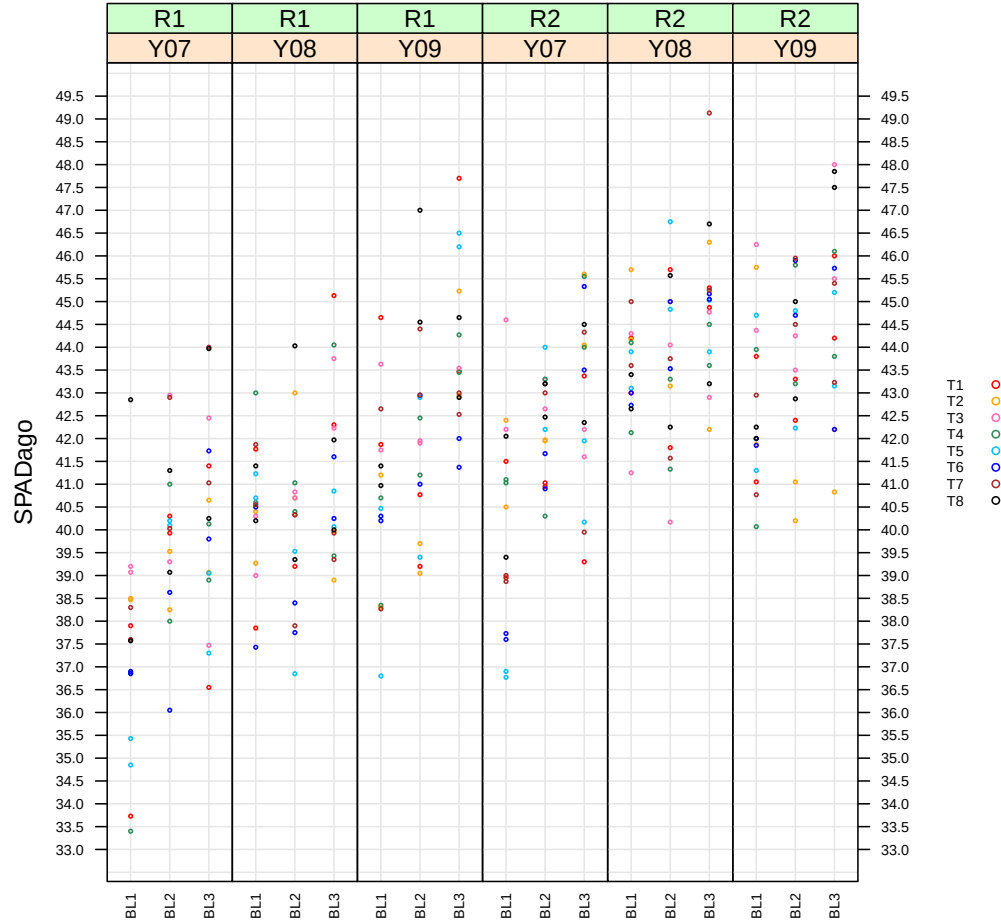


Figura 3.52: Dotplot per Blocco dell'Indice SPAD (agosto)

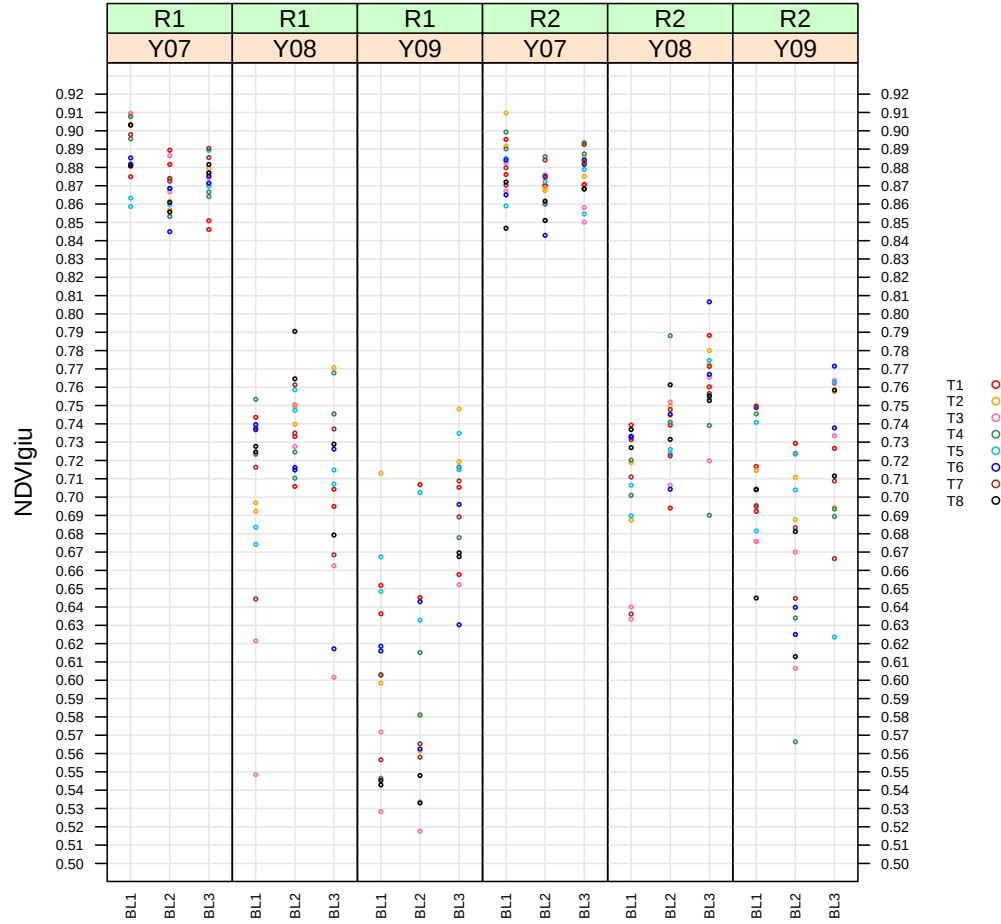


Figura 3.53: Dotplot per Blocco dell'Indice NDVI (giugno)

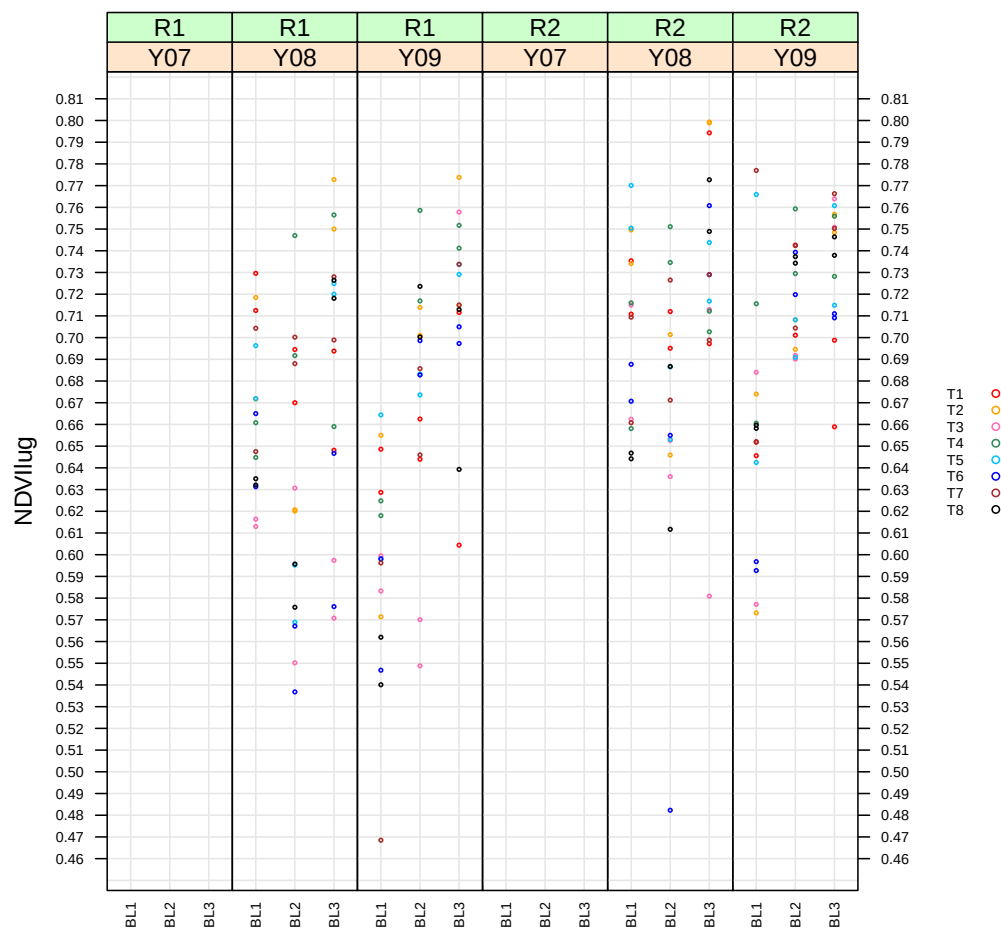


Figura 3.54: Dotplot per Blocco dell'Indice NDVI (luglio)

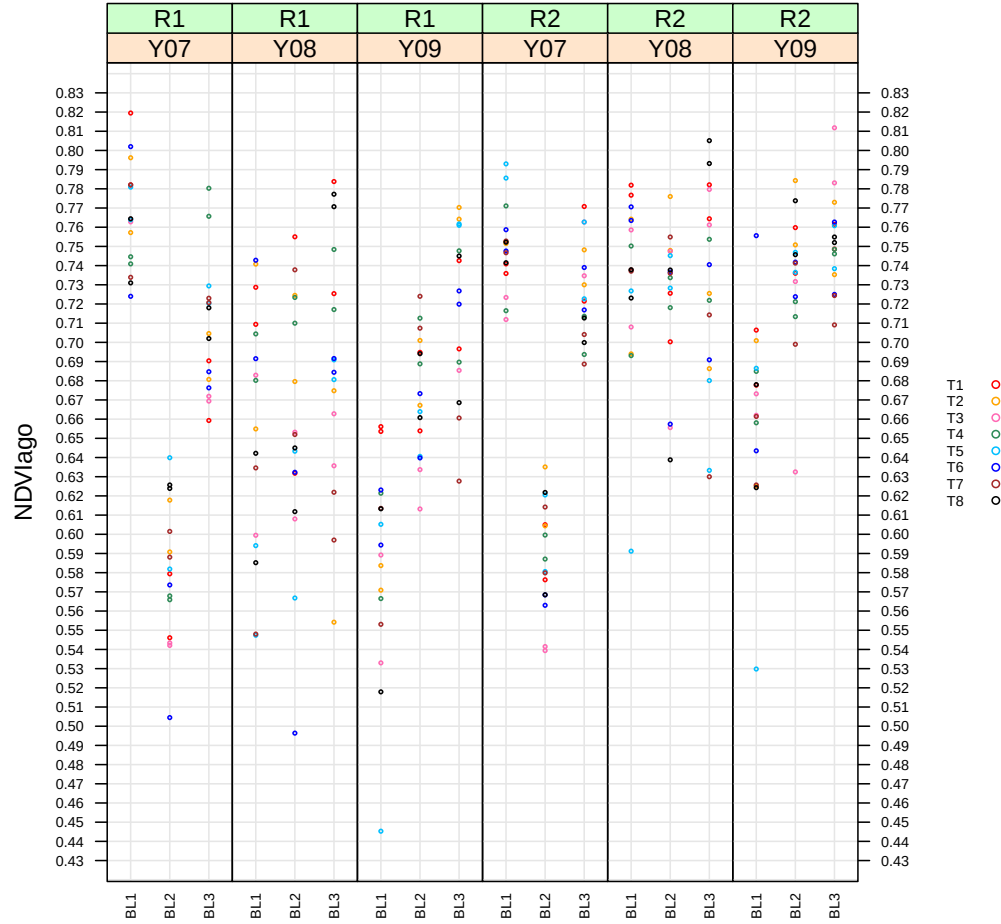


Figura 3.55: Dotplot per Blocco dell'Indice NDVI (agosto)

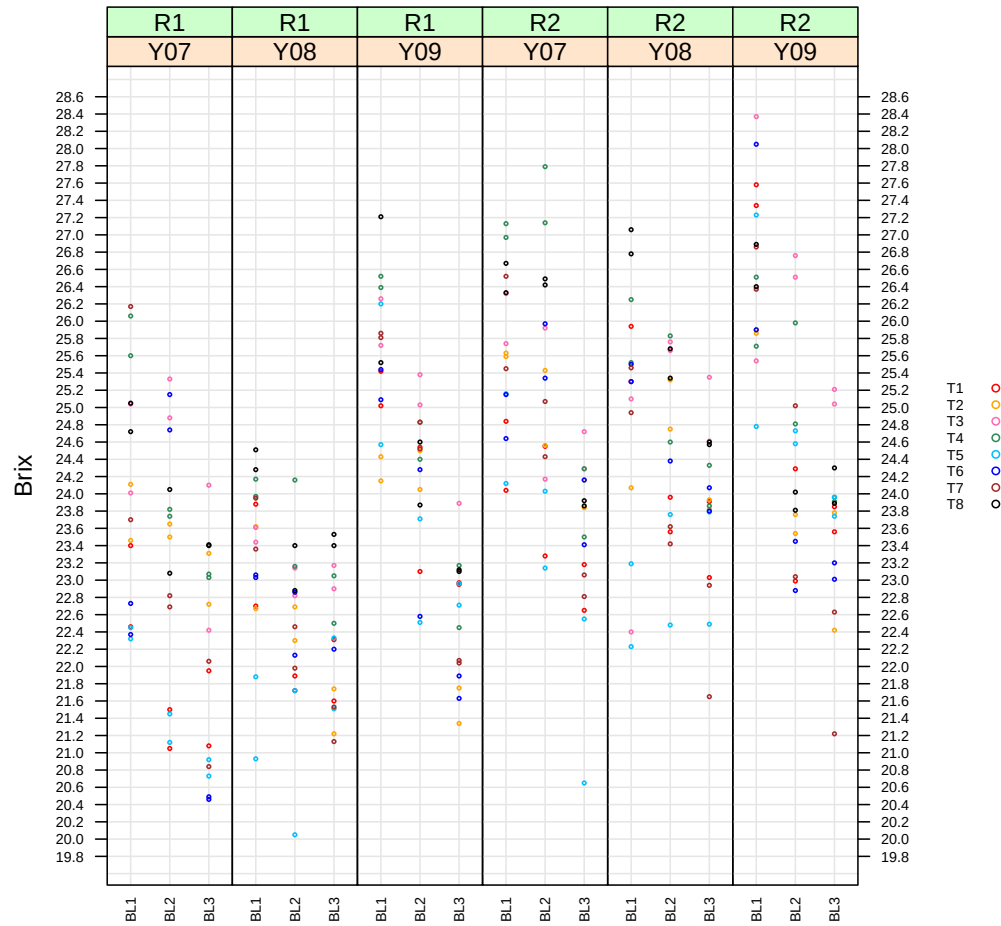


Figura 3.56: Dotplot per Blocco del Brix

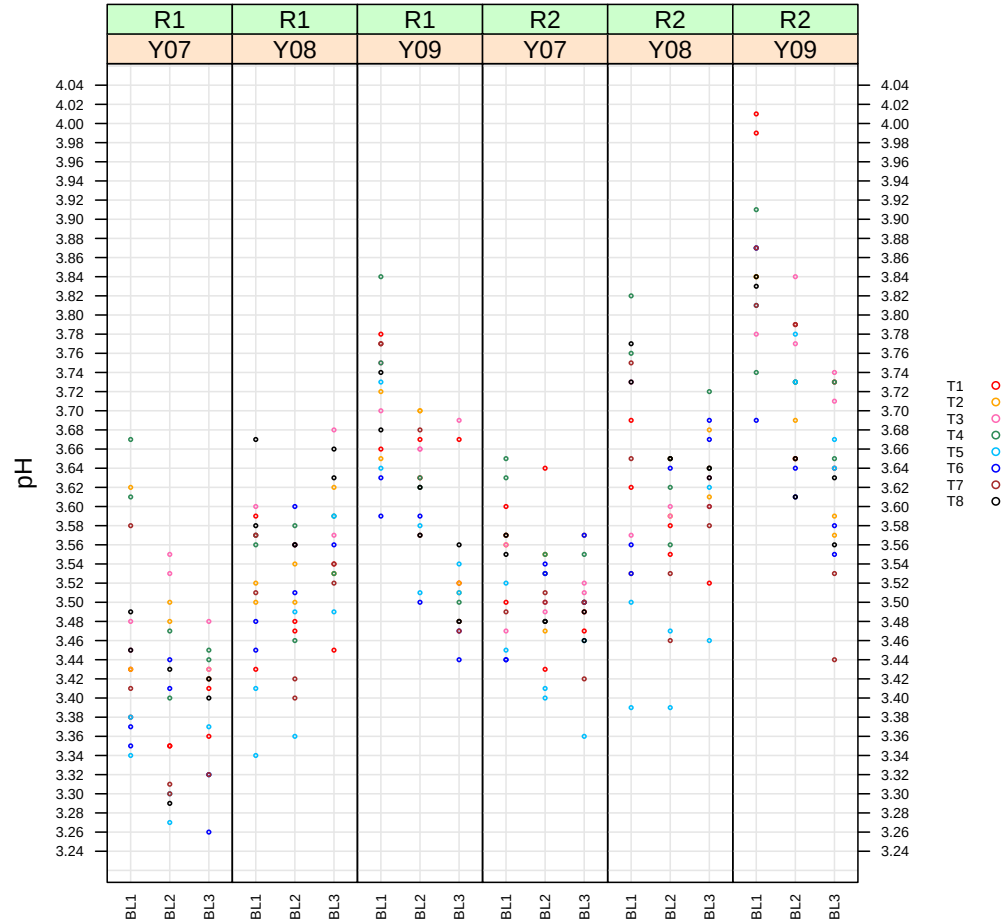


Figura 3.57: Dotplot per Blocco del pH

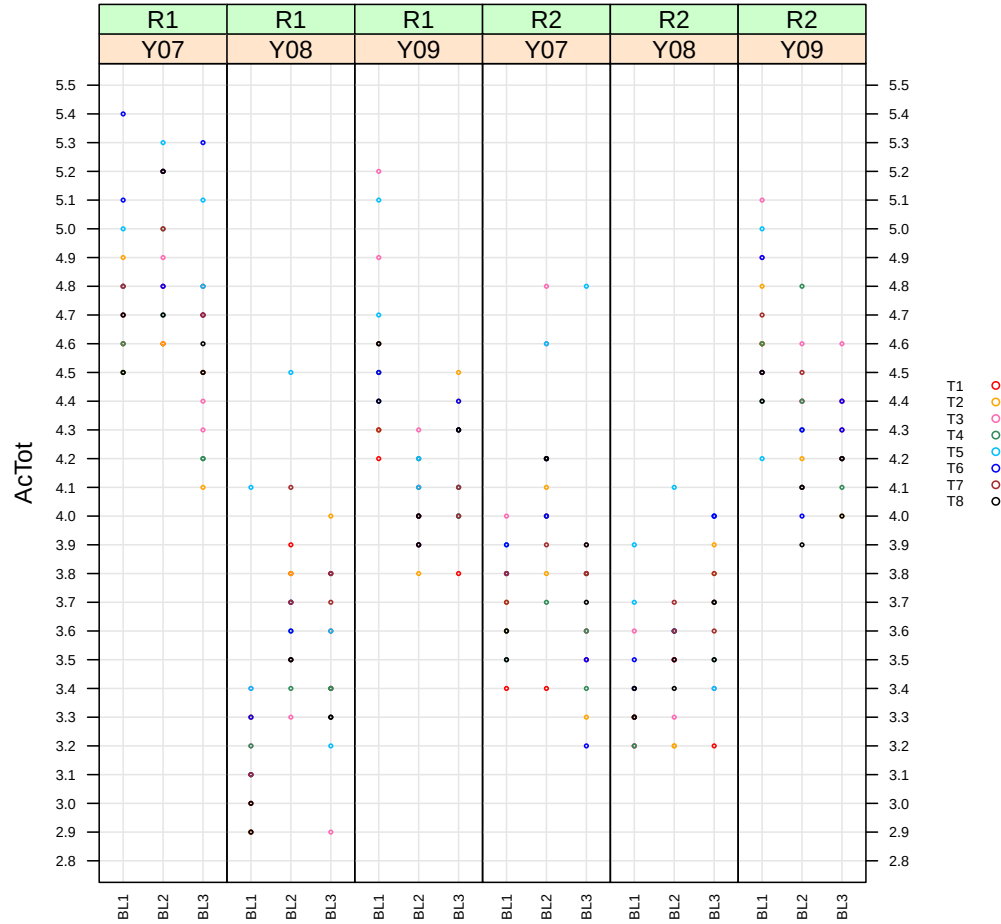


Figura 3.58: Dotplot per Blocco dell'Acidità totale

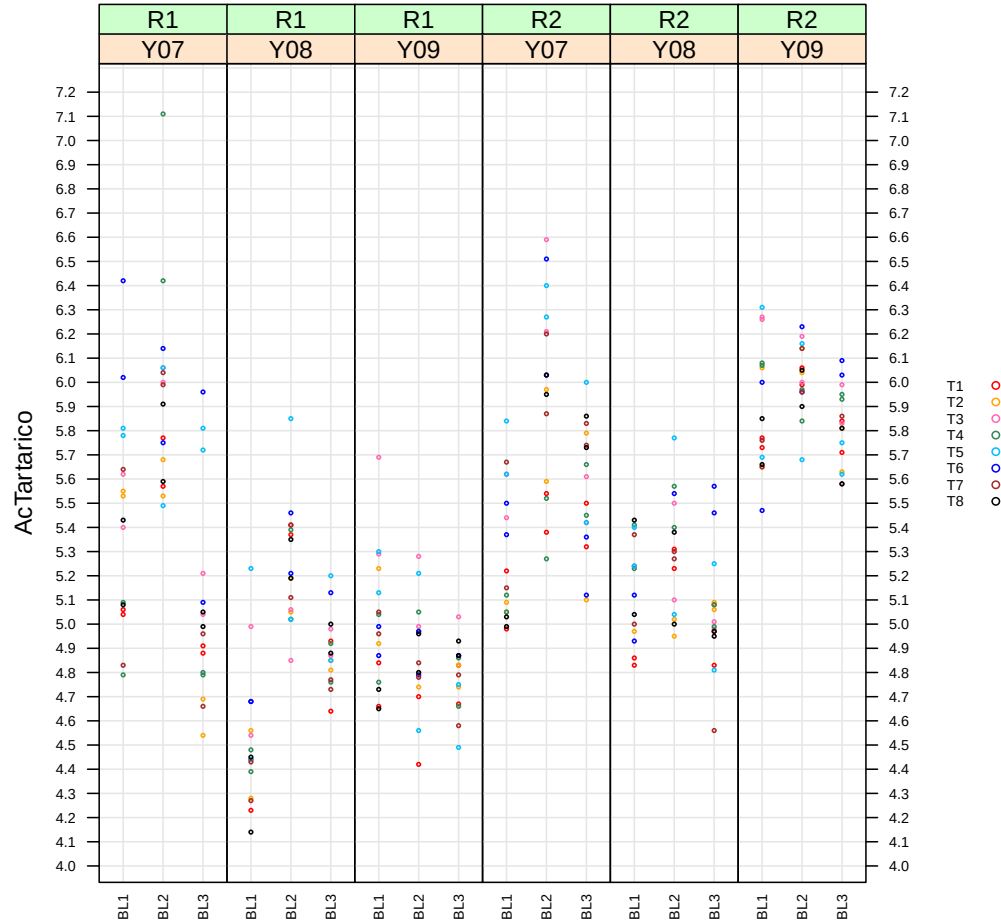


Figura 3.59: Dotplot per Blocco dell'Acido tartarico

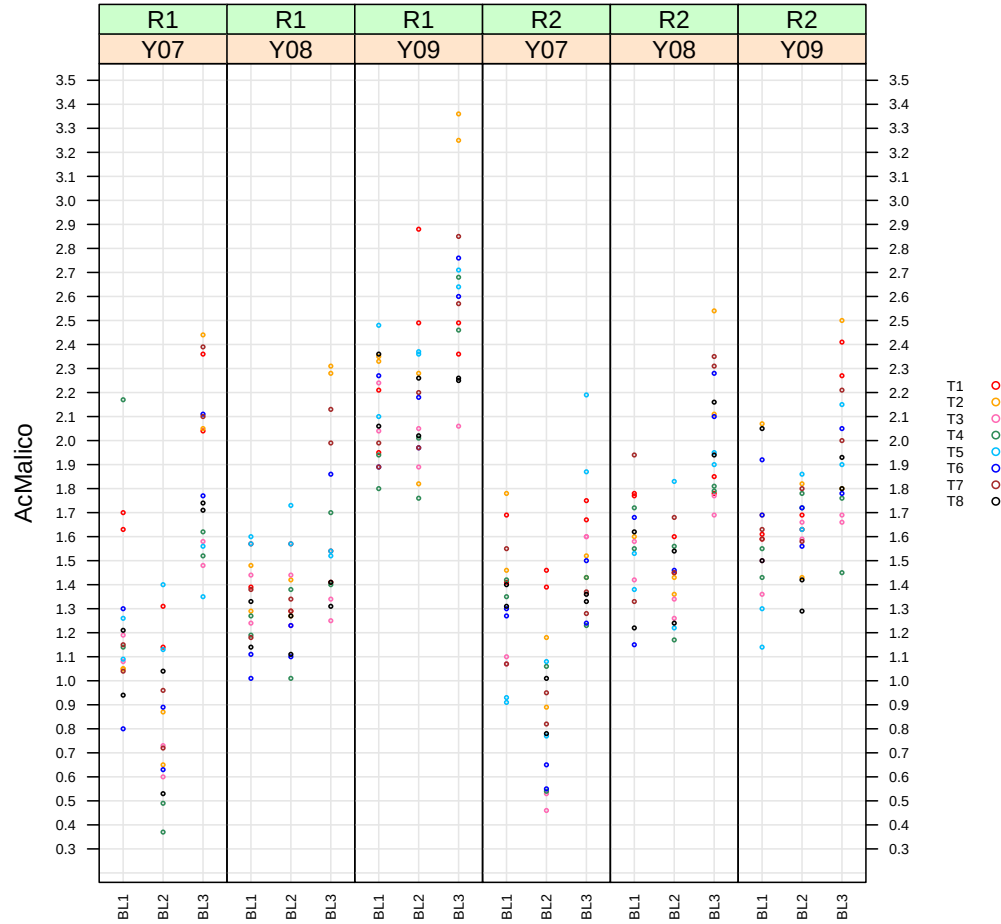


Figura 3.60: Dotplot per Blocco dell'Acido Malico

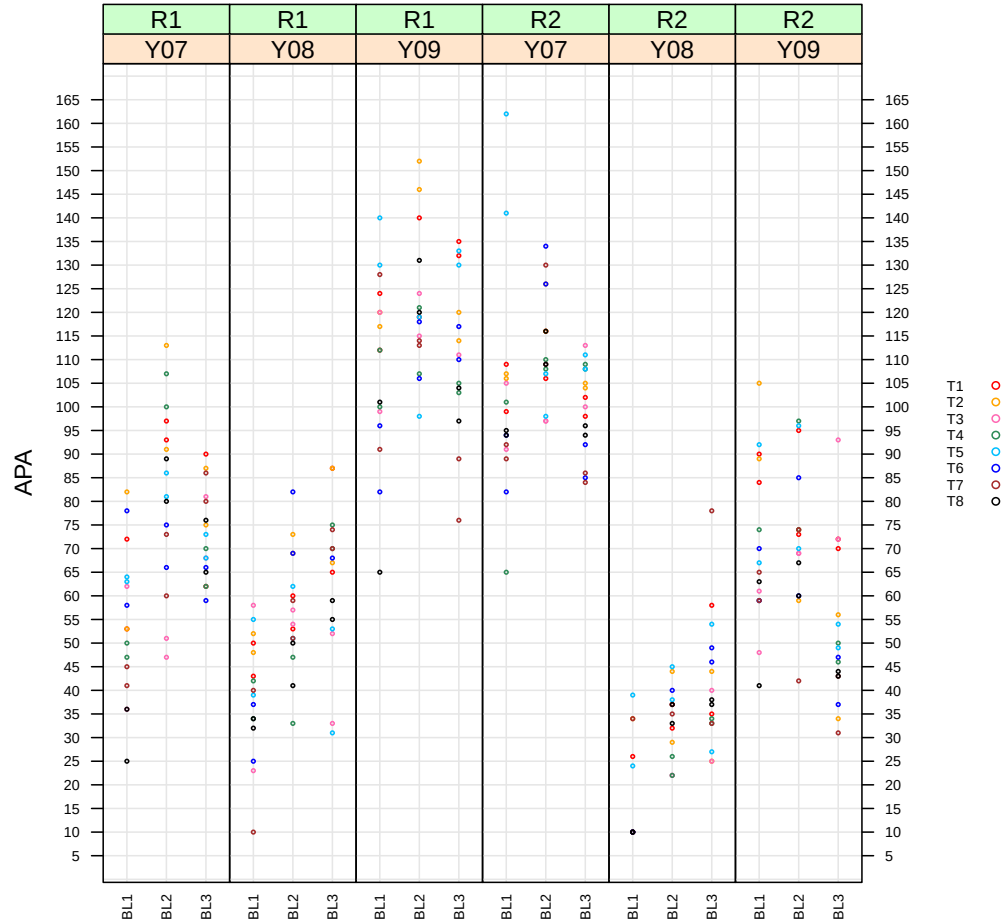


Figura 3.61: Dotplot per Blocco dell’Azoto prontamente assimilabile

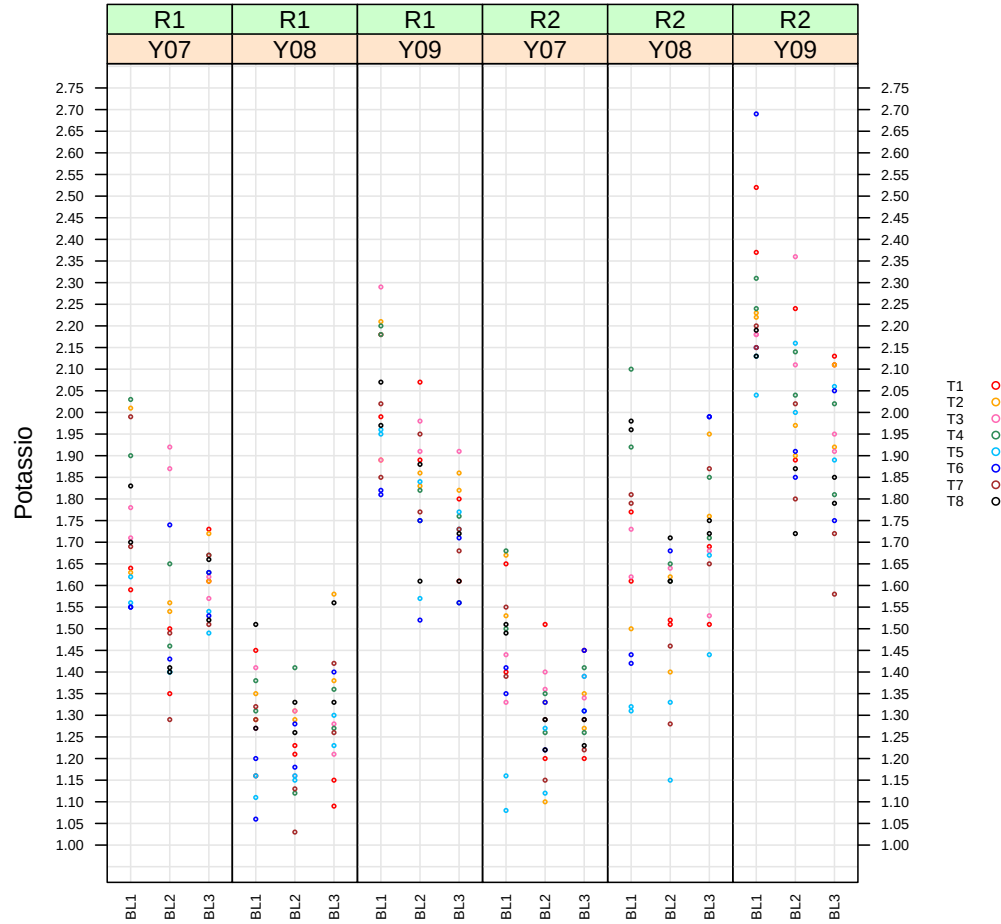


Figura 3.62: Dotplot per Blocco del Potassio

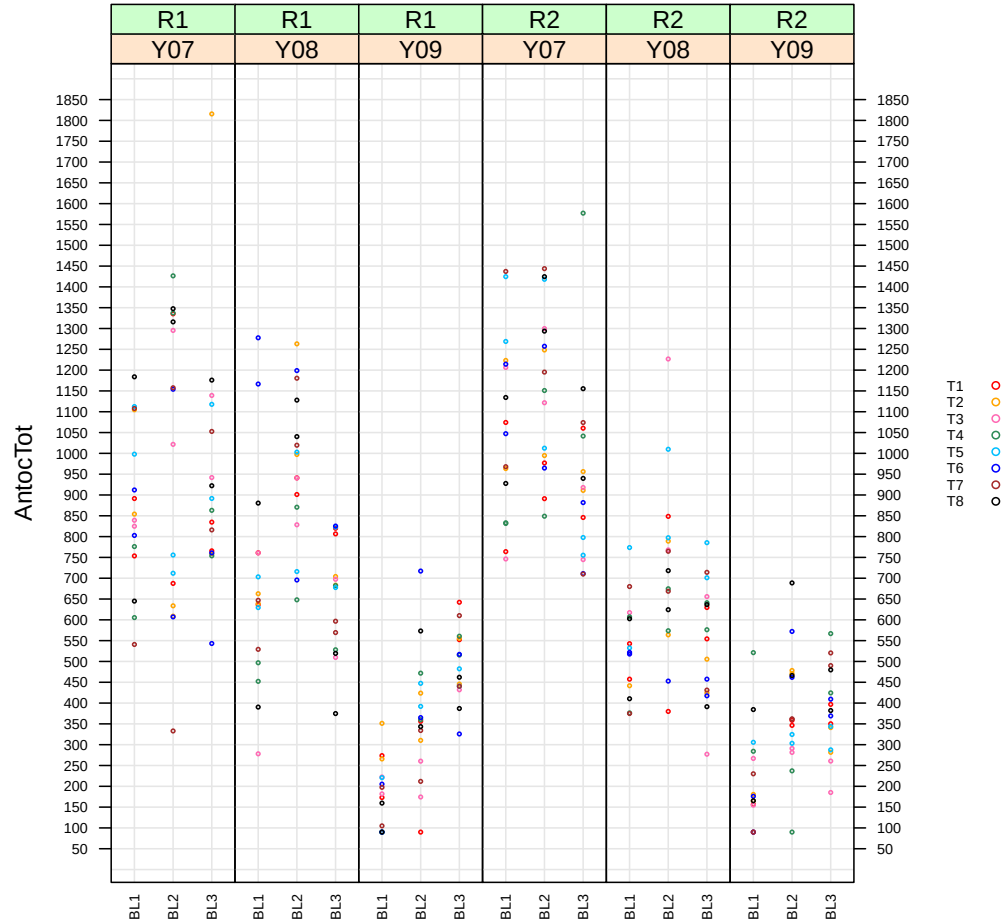


Figura 3.63: Dotplot per Blocco degli Antociani totali

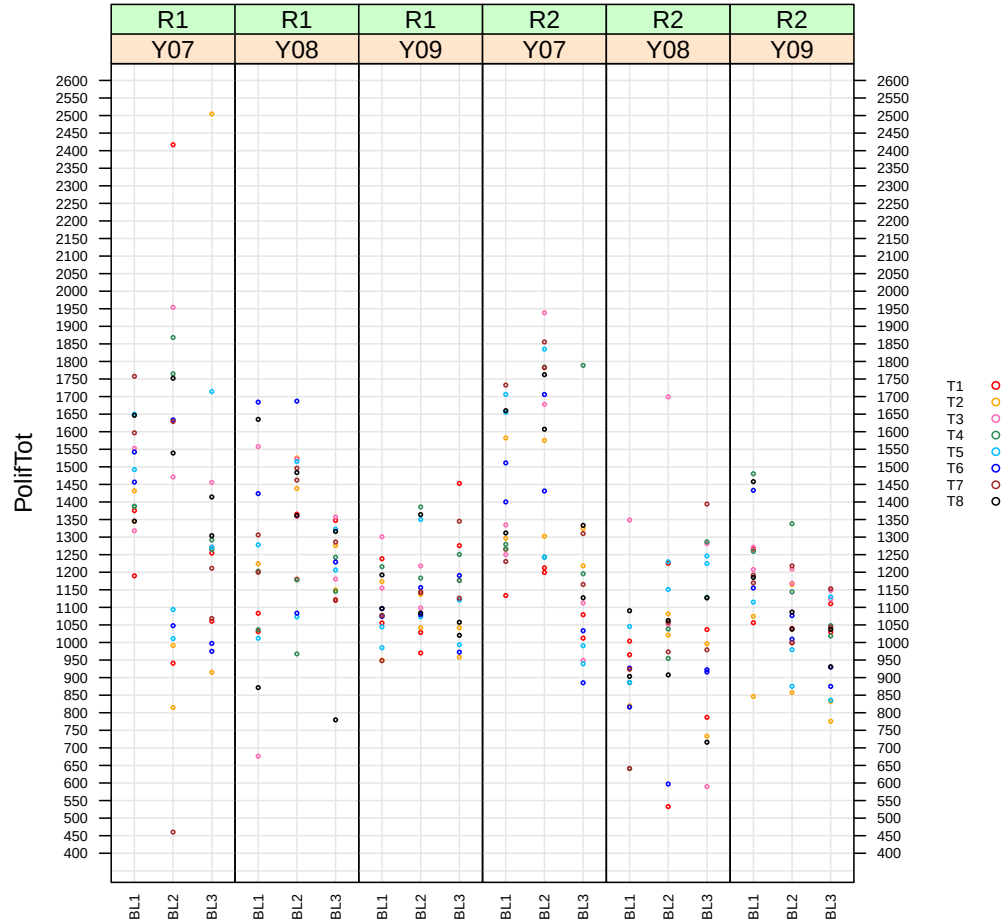


Figura 3.64: Dotplot per Blocco dei Polifenoli totali

3.3.2 Dotplot per Tesi entro Blocco

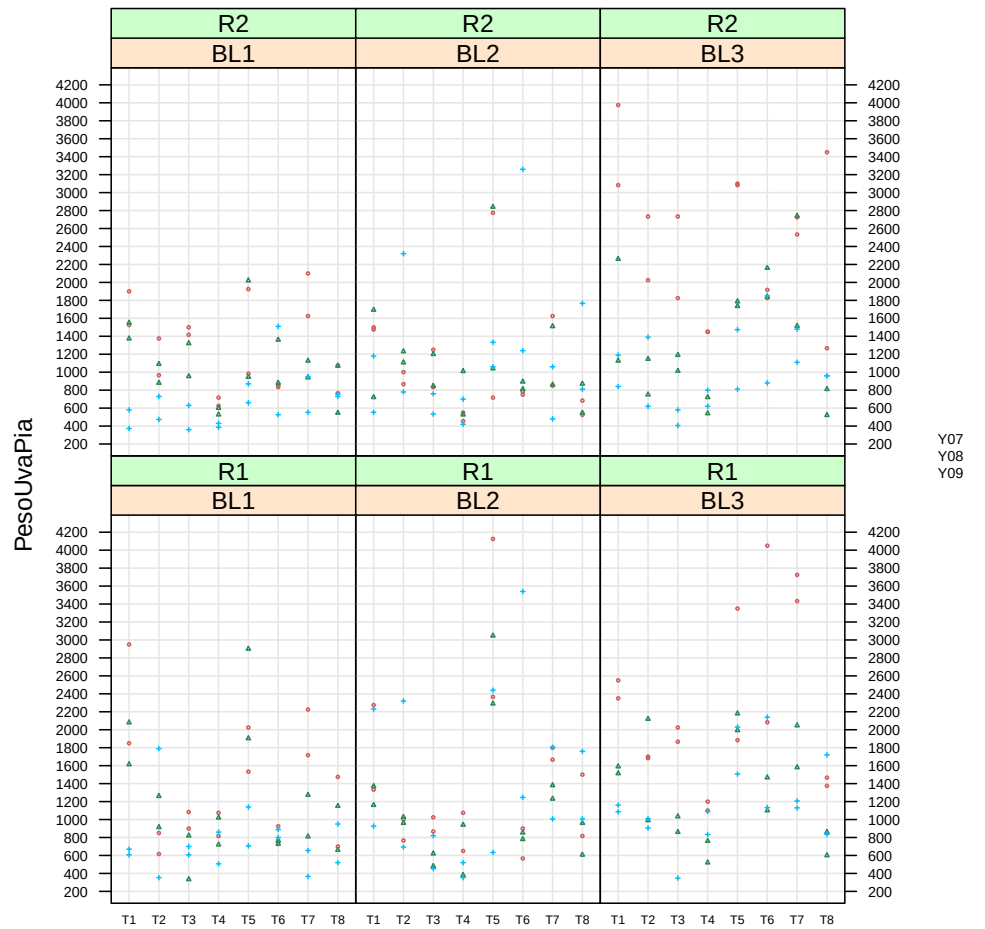


Figura 3.65: Dotplot per Tesi entro Blocco del Peso medio dell'uva per pianta

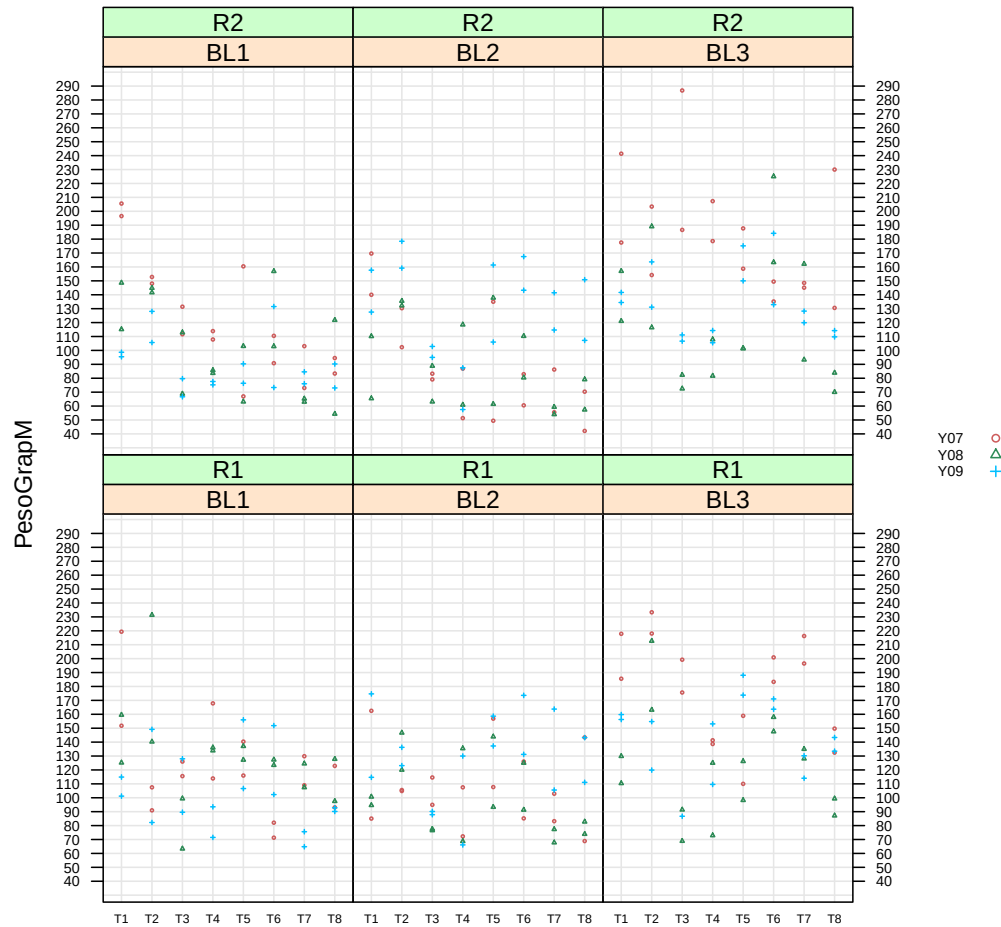


Figura 3.66: Dotplot per Tesi entro Blocco del Peso medio del grappolo

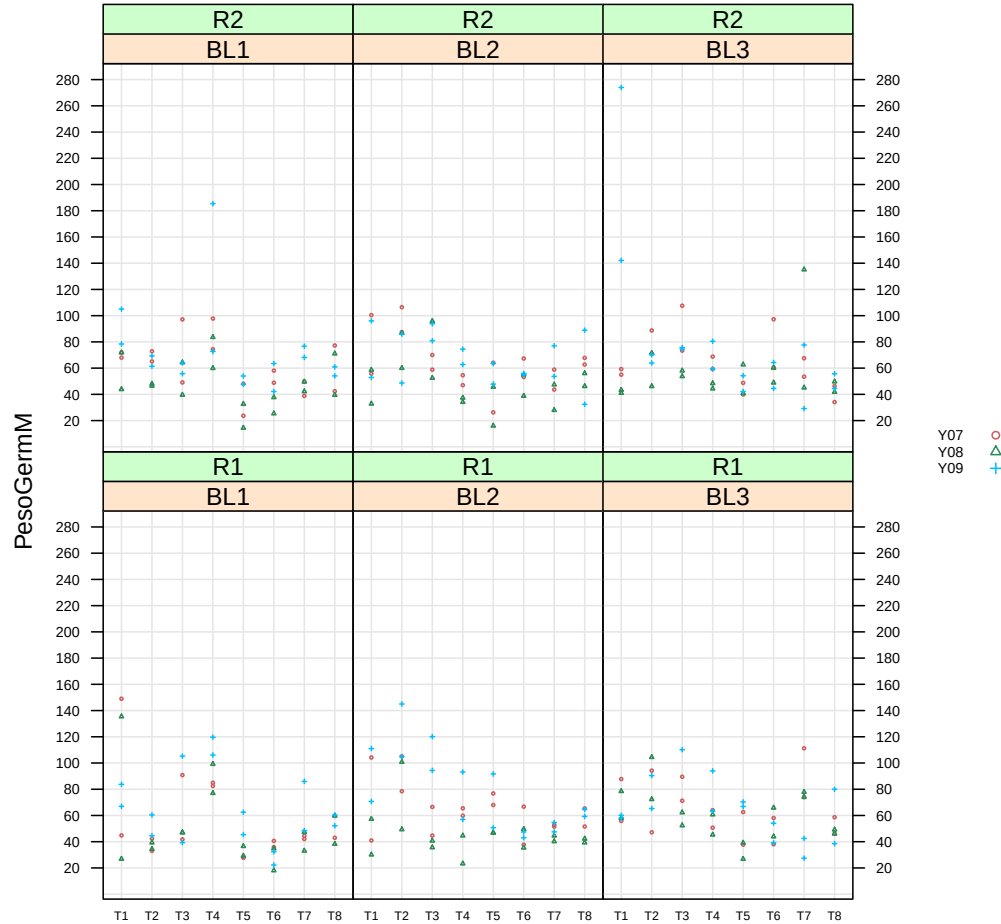


Figura 3.67: Dotplot per Tesi entro Blocco del Peso medio del germoglio

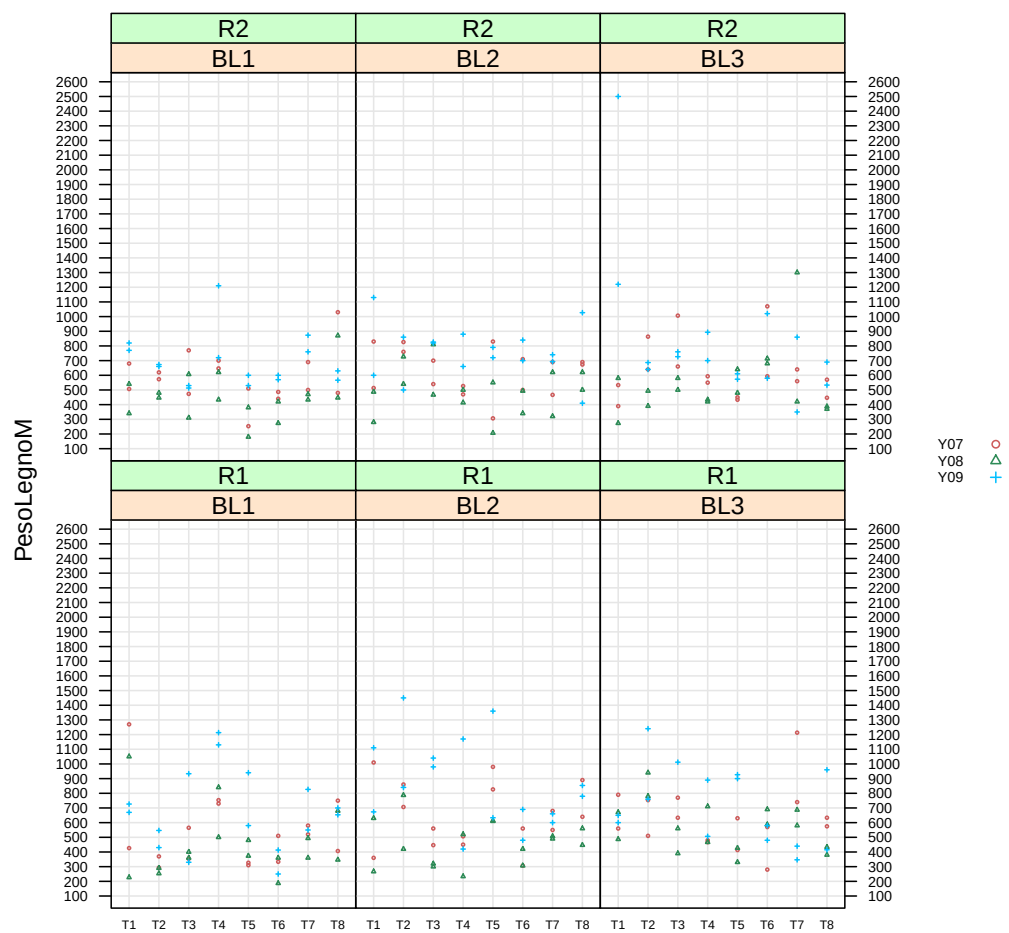


Figura 3.68: Dotplot per Tesi entro Blocco del Peso medio del legno

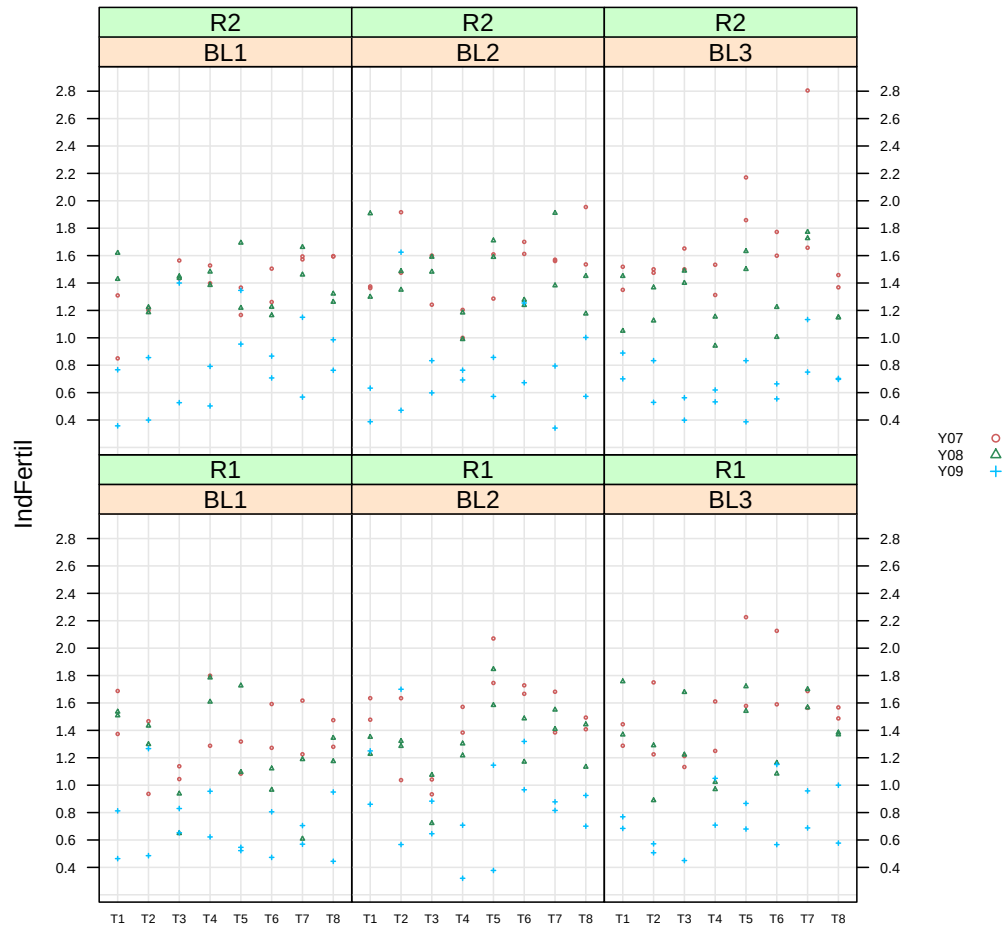


Figura 3.69: Dotplot per Tesi entro Blocco dell'Indice di Fertilità

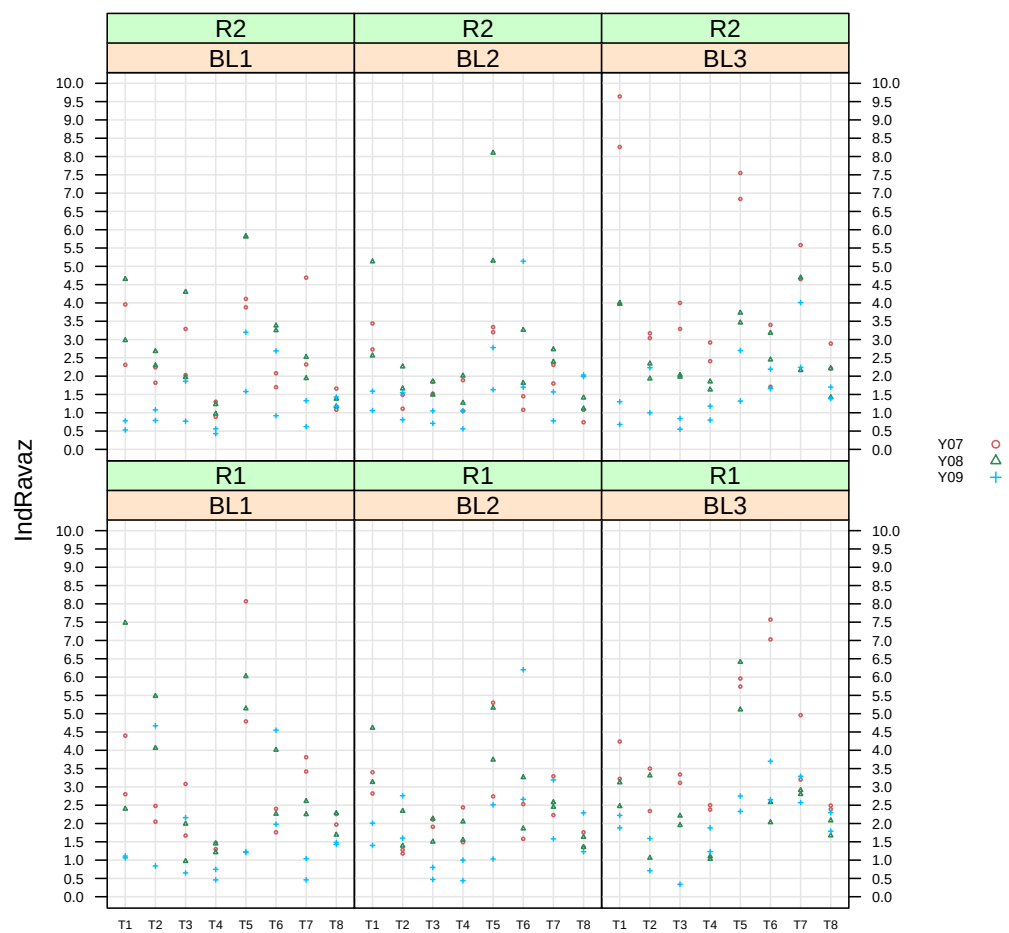


Figura 3.70: Dotplot per Tesi entro Blocco dell'Indice di Ravaz

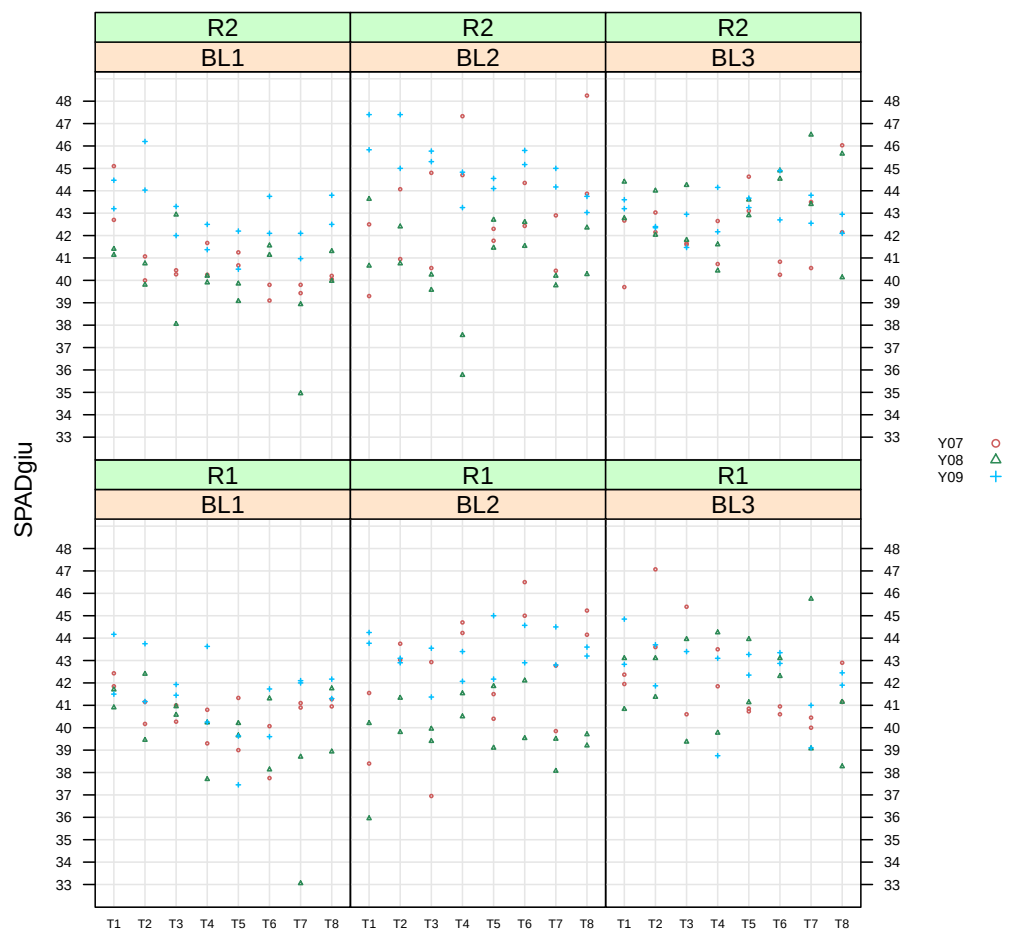


Figura 3.71: Dotplot per Tesi entro Blocco dell'Indice SPAD (giugno)

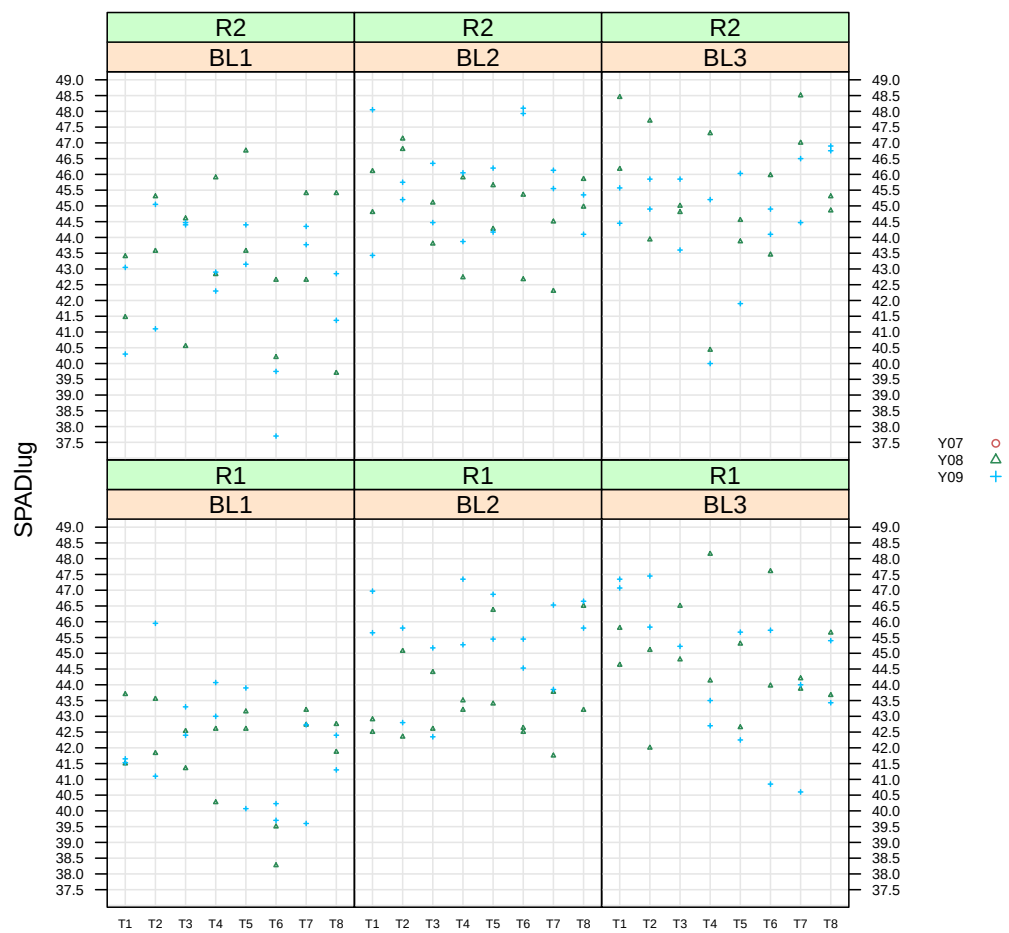


Figura 3.72: Dotplot per Tesi entro Blocco dell'Indice SPAD (luglio)

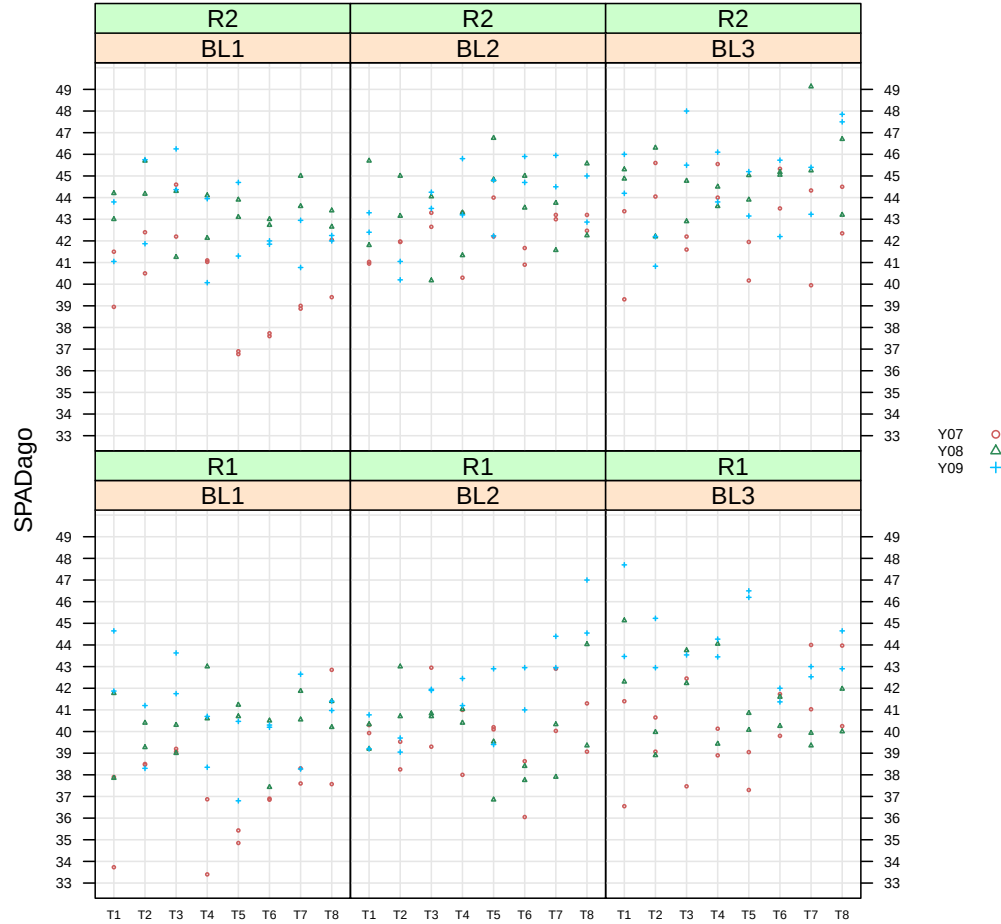


Figura 3.73: Dotplot per Tesi entro Blocco dell'Indice SPAD (agosto)

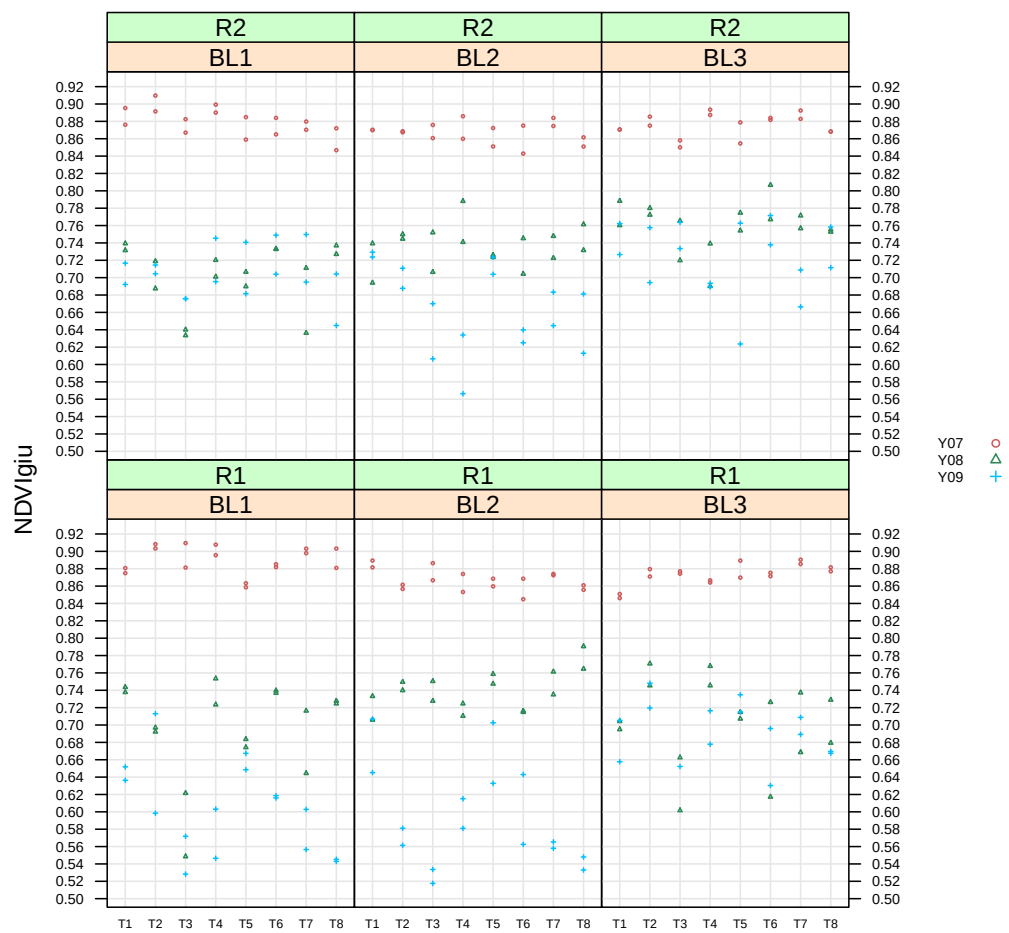


Figura 3.74: Dotplot per Tesi entro Blocco dell'Indice NDVI (giugno)

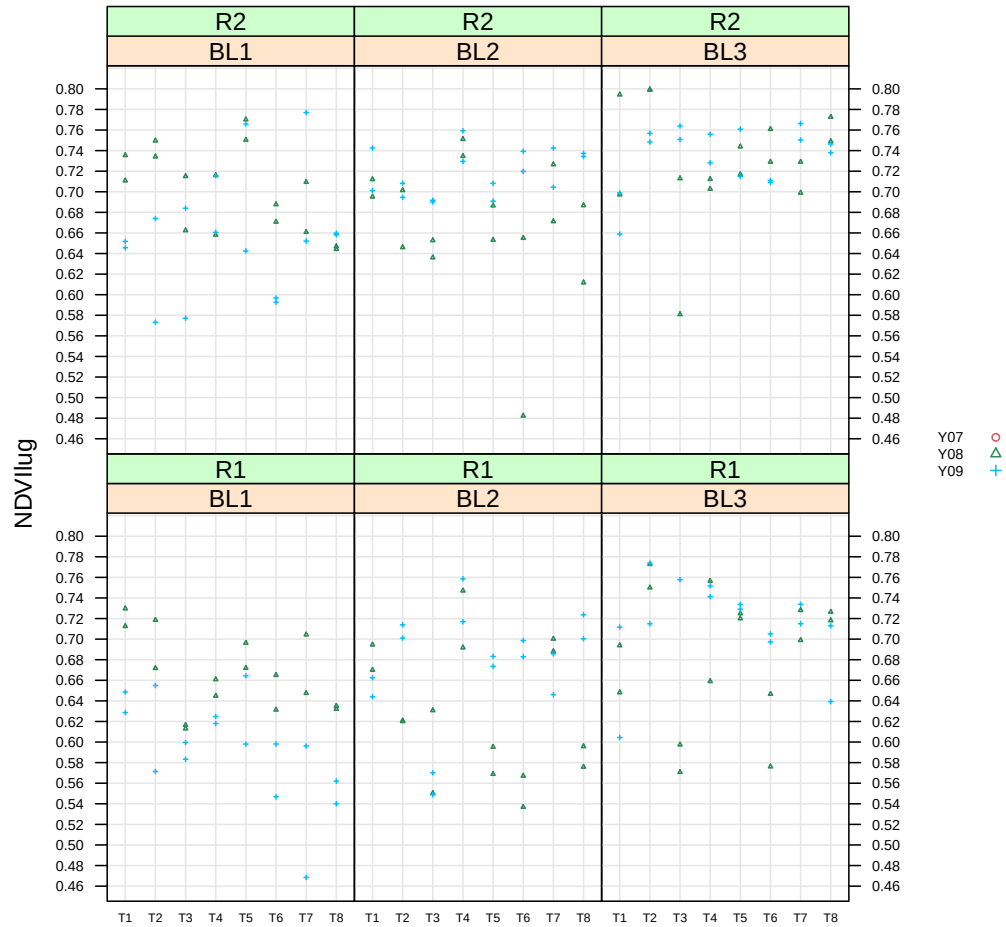


Figura 3.75: Dotplot per Tesi entro Blocco dell'Indice NDVI (luglio)

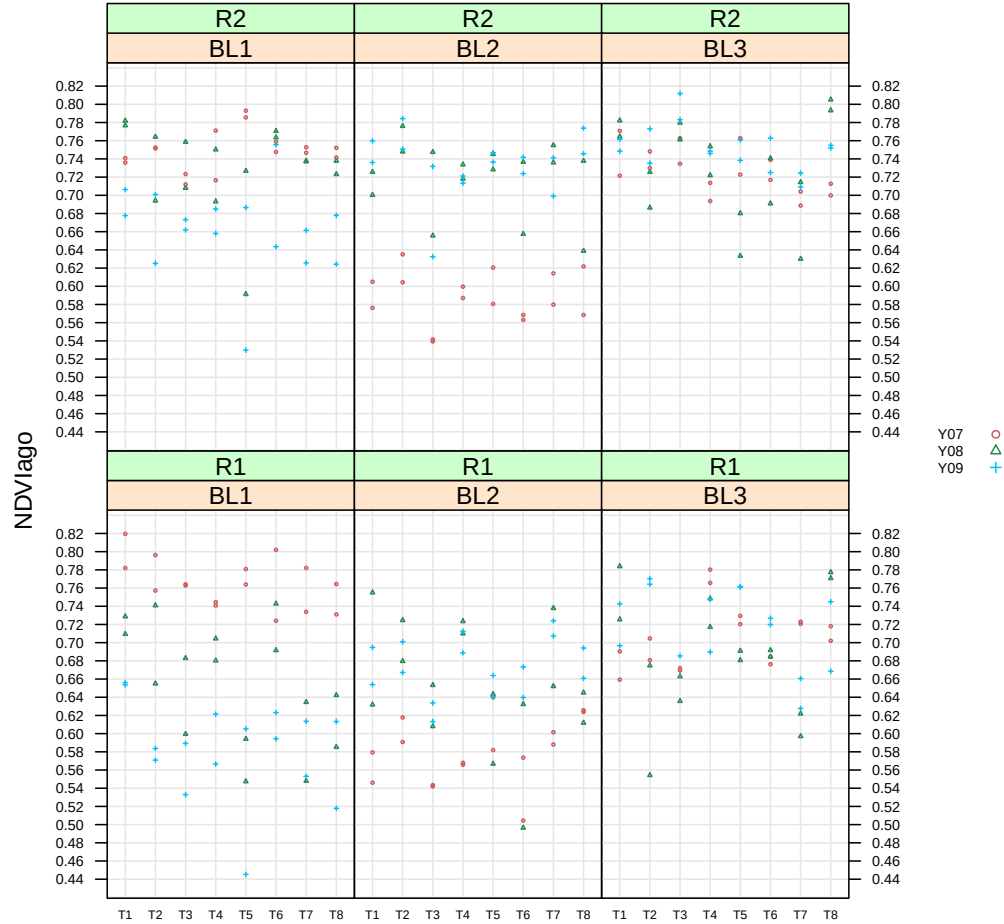


Figura 3.76: Dotplot per Tesi entro Blocco dell'Indice NDVI (agosto)

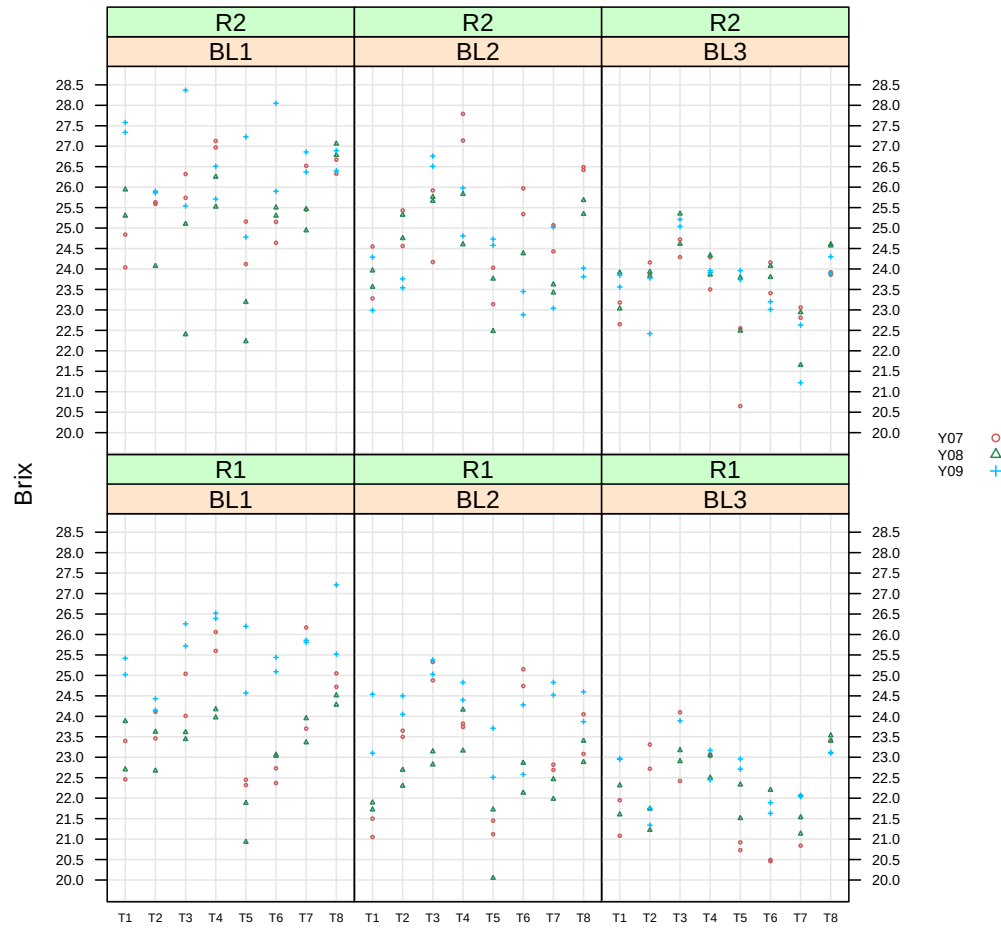


Figura 3.77: Dotplot per Tesi entro Blocco del Brix

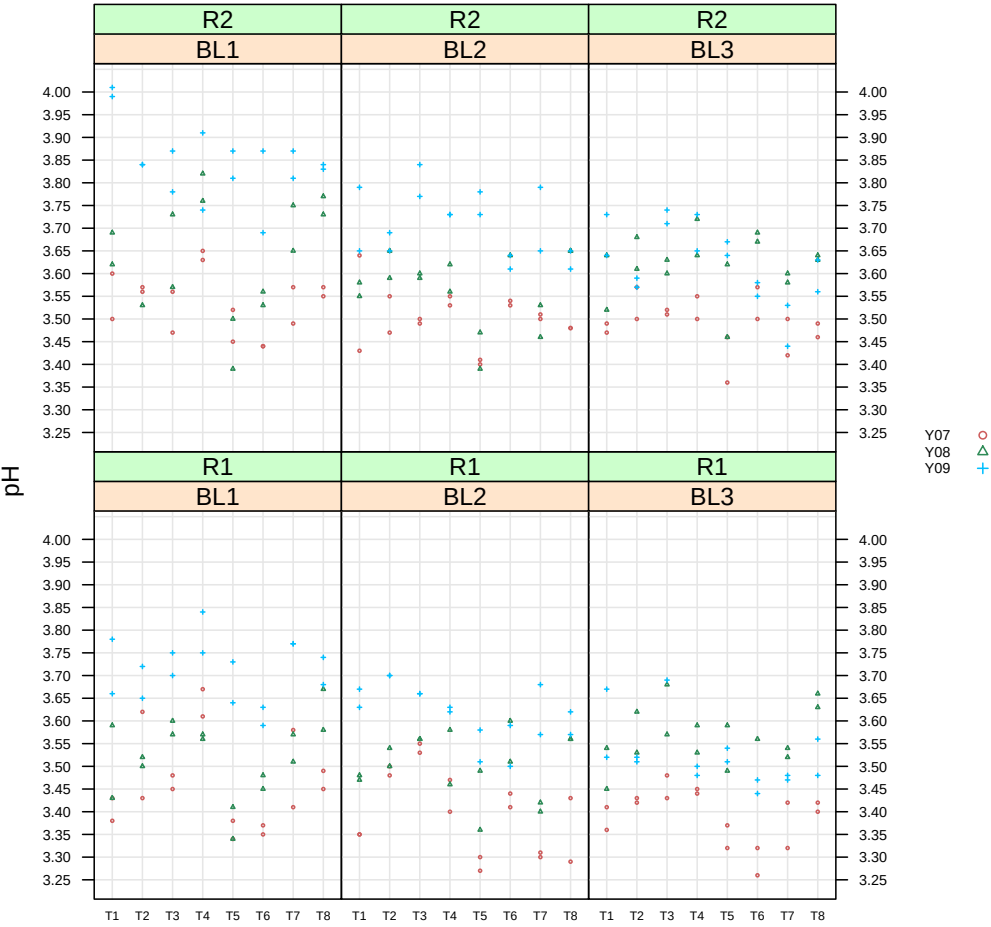


Figura 3.78: Dotplot per Tesi entro Blocco del pH

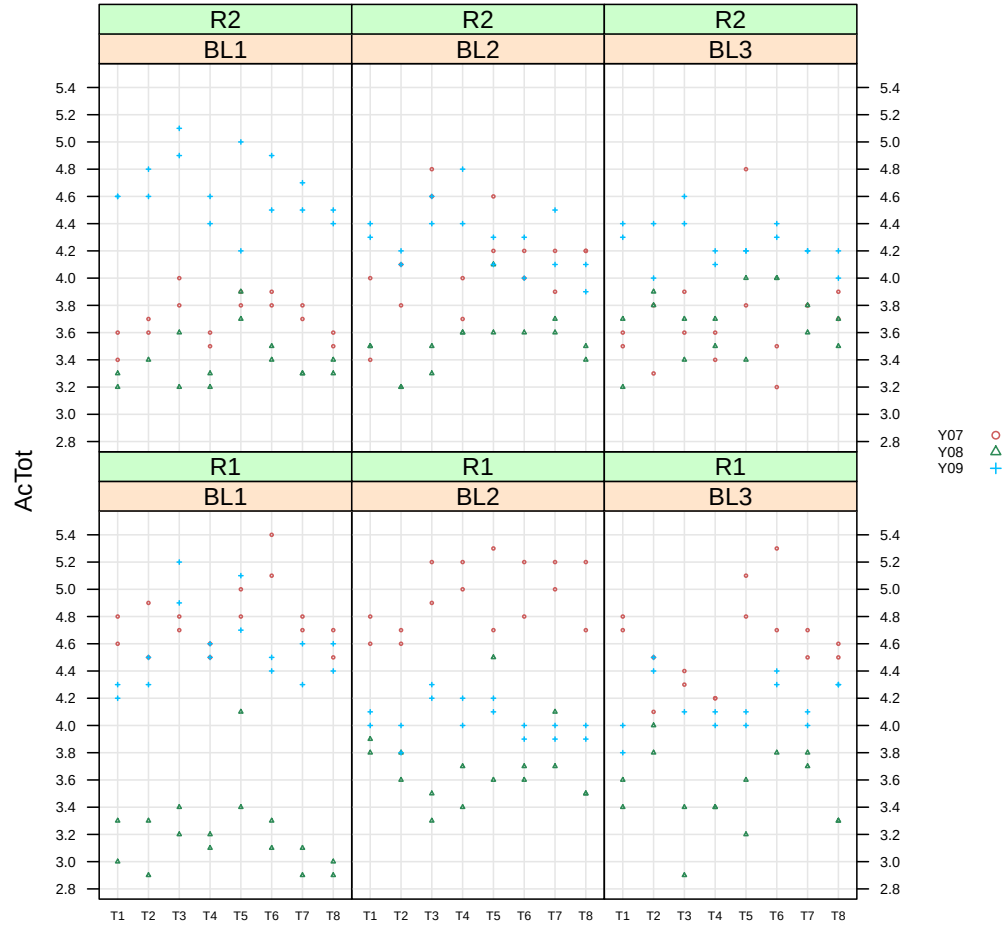


Figura 3.79: Dotplot per Tesi entro Blocco dell'Acidità totale

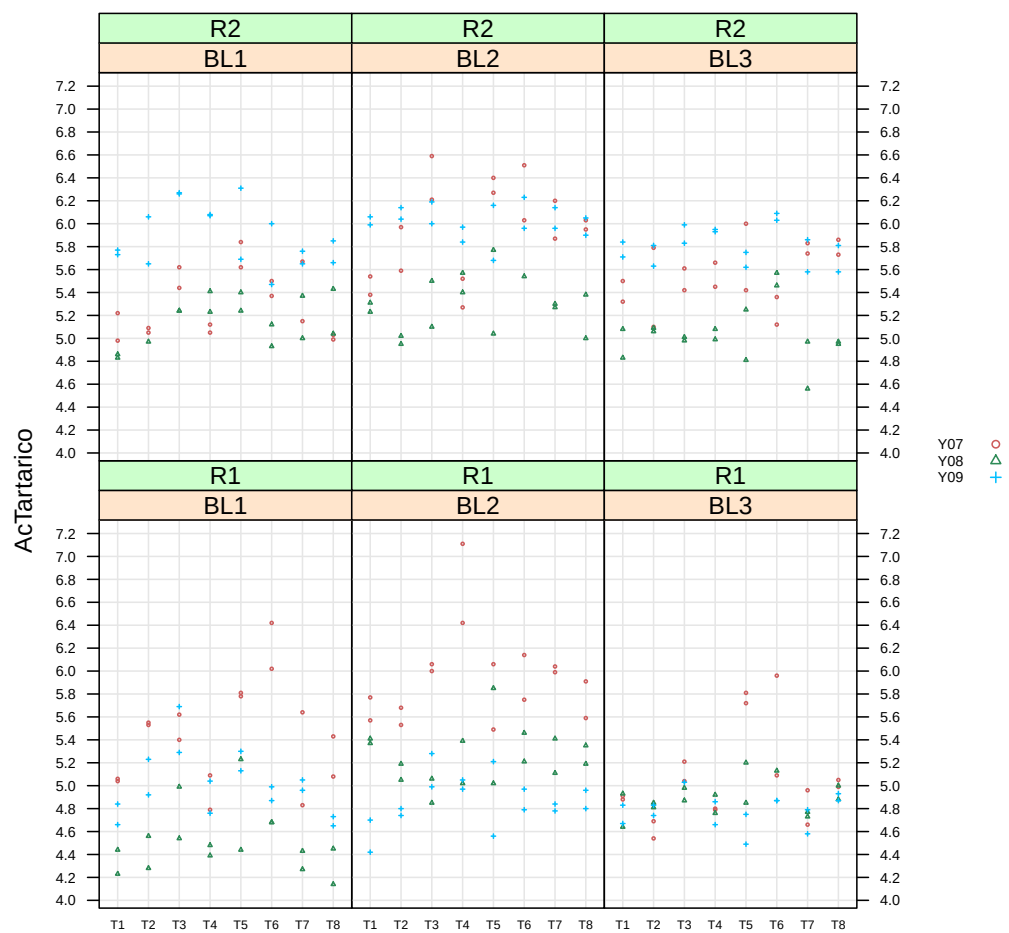


Figura 3.80: Dotplot per Tesi entro Blocco dell'Acido tartarico

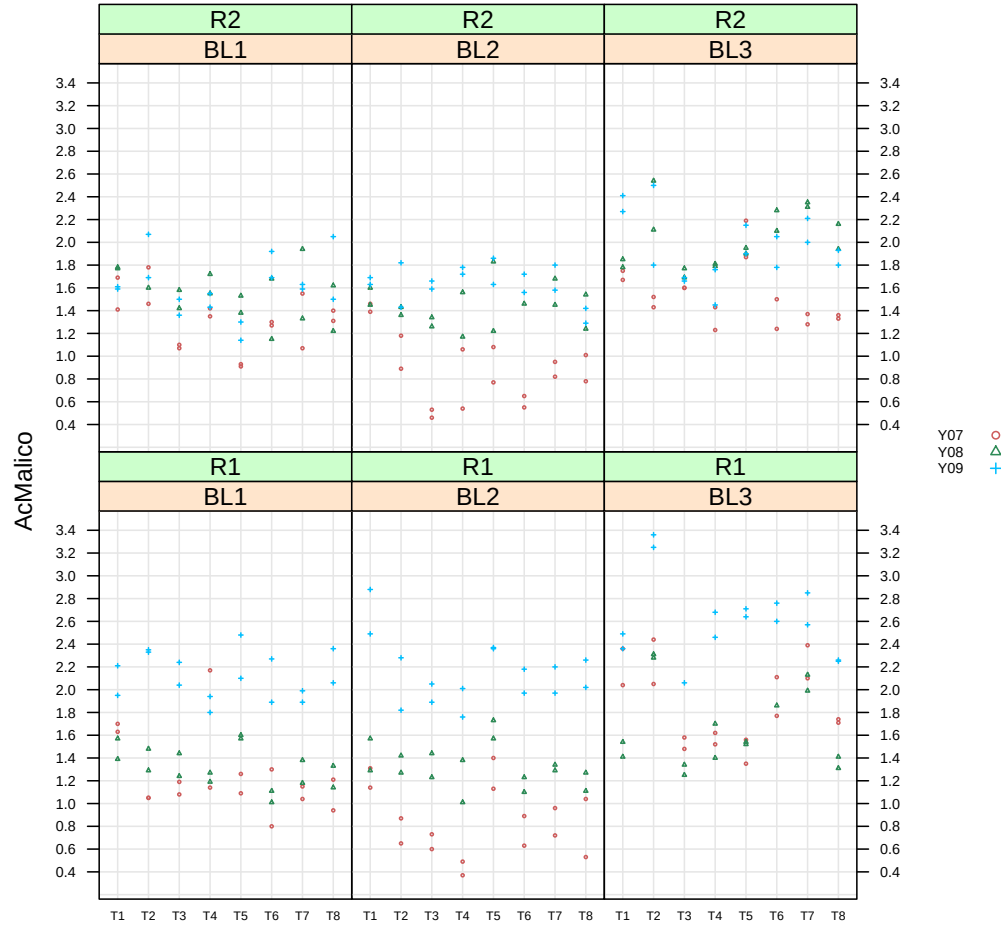


Figura 3.81: Dotplot per Tesi entro Blocco dell’Acido Malico

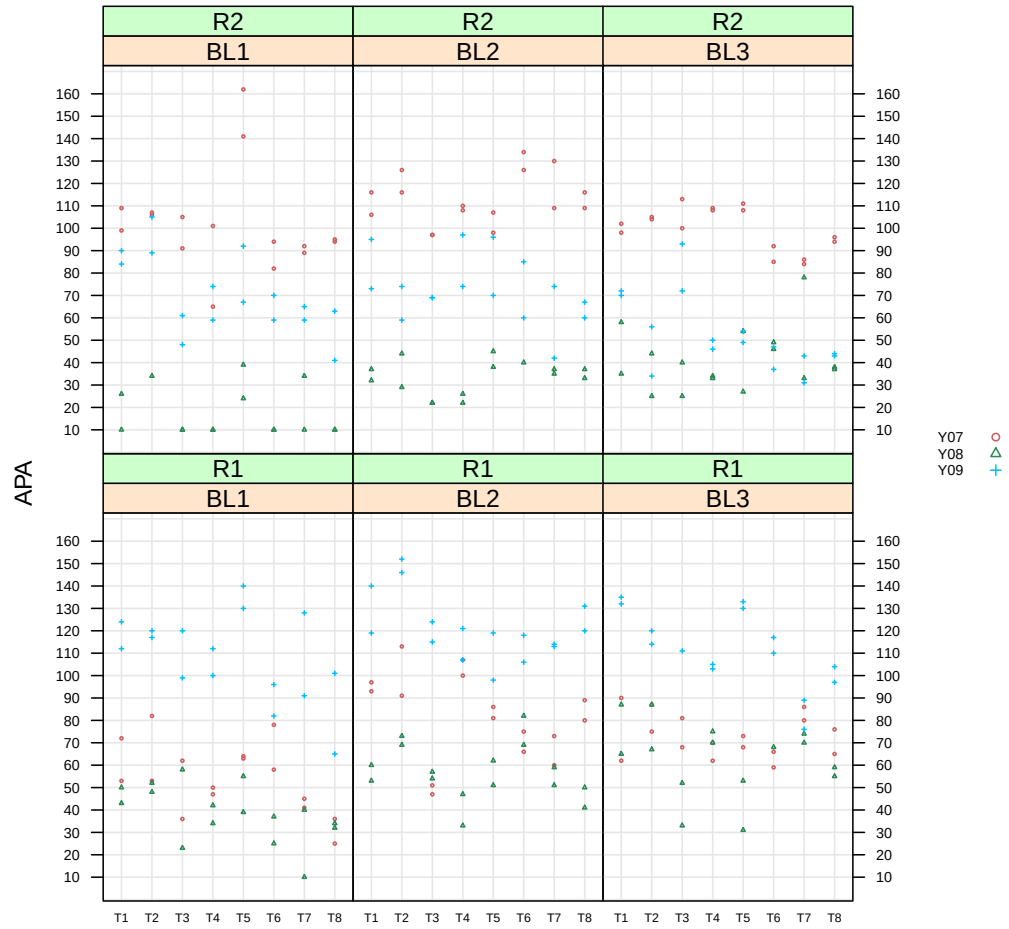


Figura 3.82: Dotplot per Tesi entro Blocco dell’Azoto prontamente assimilabile

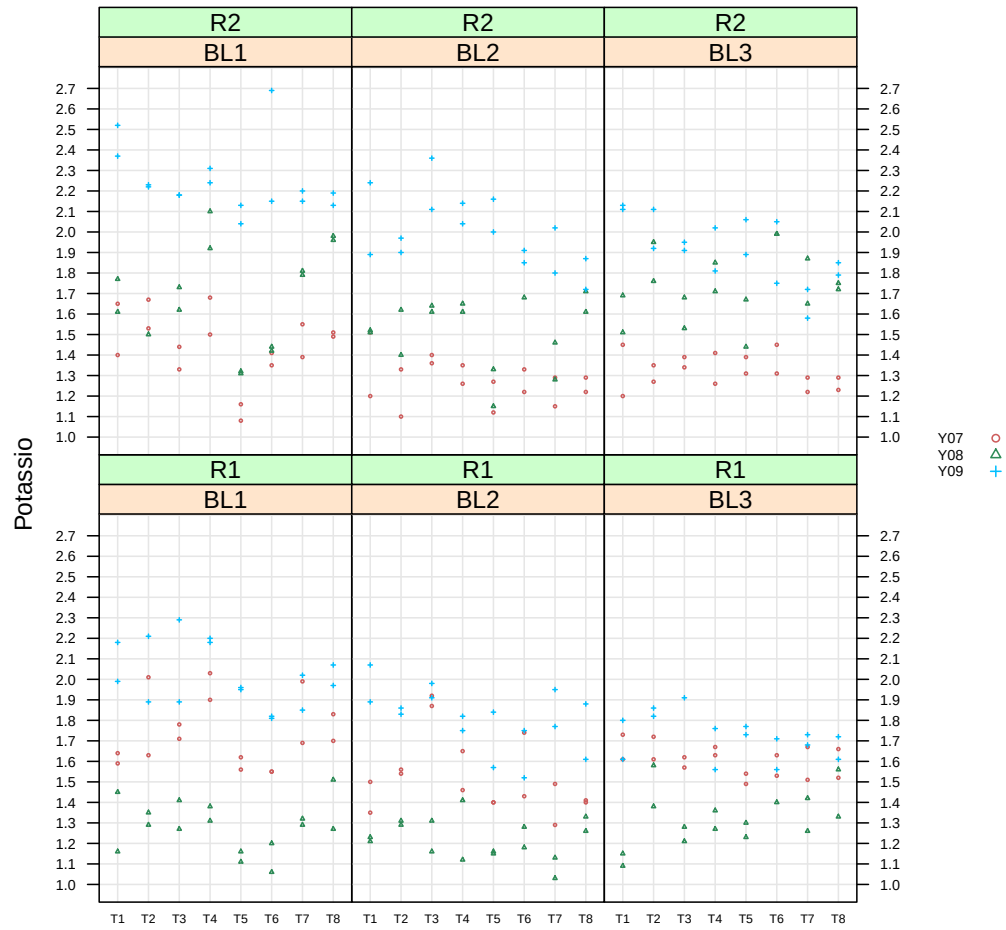


Figura 3.83: Dotplot per Tesi entro Blocco del Potassio

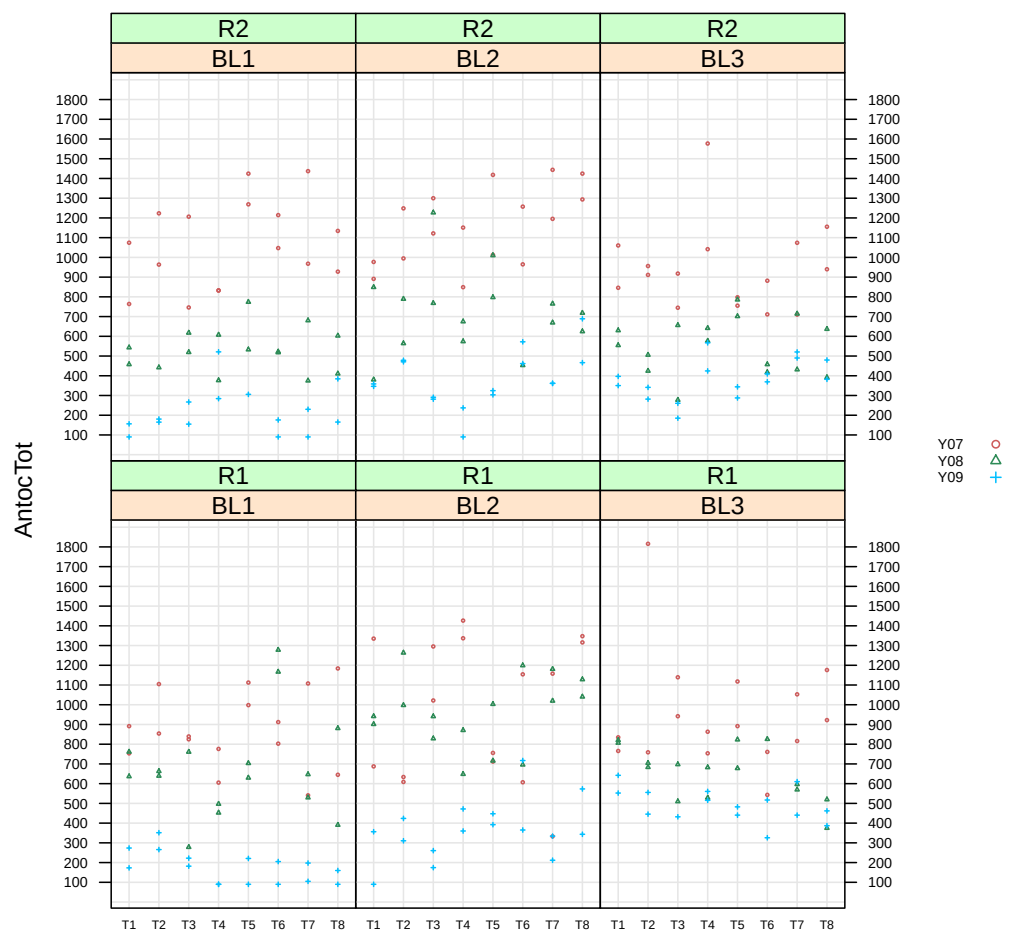


Figura 3.84: Dotplot per Tesi entro Blocco degli Antociani totali

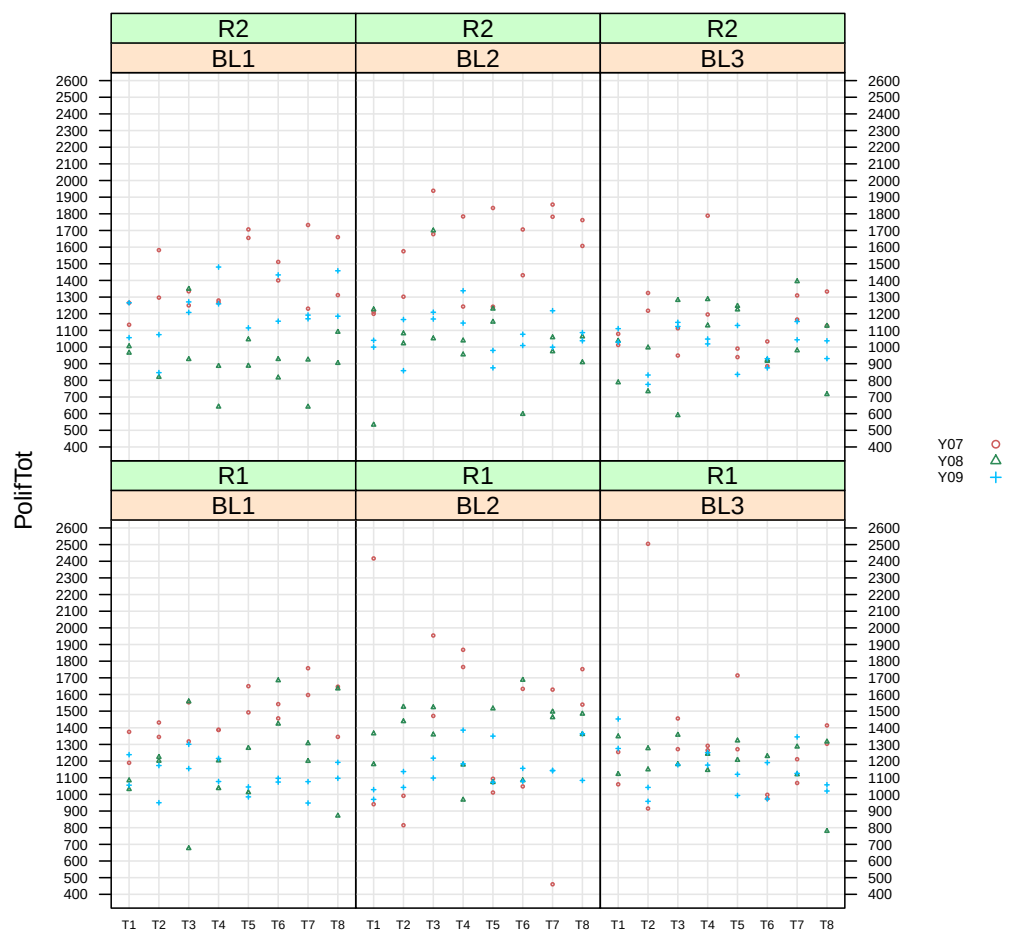


Figura 3.85: Dotplot per Tesi entro Blocco dei Polifenoli totali

Capitolo 4

Vigneto sperimentale di Donna Olimpia

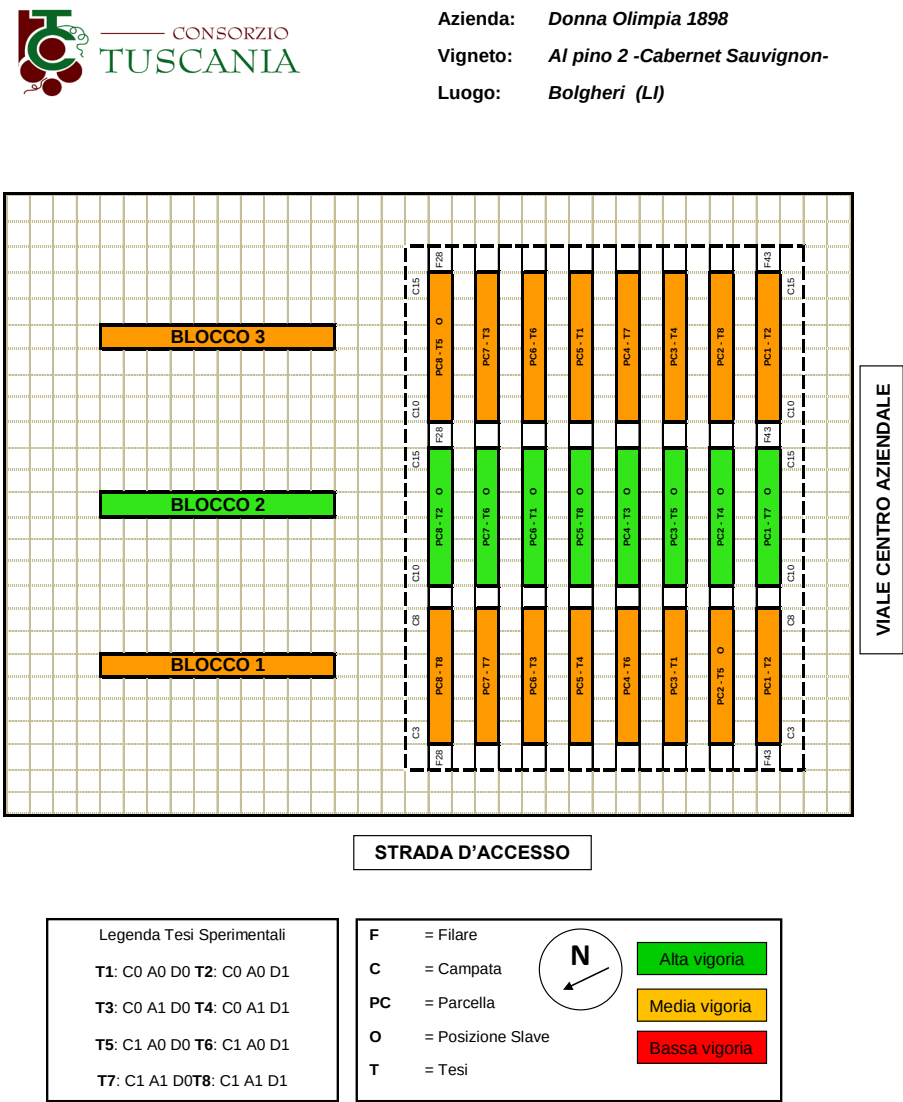


Figura 4.1: Schema di Donna Olimpia

4.1 Statistiche descrittive

4.1.1 Sommari per Blocco

Anno: Y07 - Blocco: BL1 - Raccolta: R1							Anno: Y07 - Blocco: BL1 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	600.00	902.10	1179.00	1198.00	1394.00	2050.00	PesoUvaPia	766.70	1035.00	1308.00	1450.00	1819.00	2775.00
PesoGrapM	67.50	87.86	109.60	104.80	120.00	137.60	PesoGrapM	89.17	112.90	132.60	129.50	143.60	165.20
PesoGermM	43.64	63.50	86.20	86.53	104.40	136.80	PesoGermM	50.61	77.40	91.97	95.46	109.10	178.30
PesoLegnoM	480.00	702.50	773.30	779.40	852.50	1233.00	PesoLegnoM	510.00	697.50	768.30	801.50	919.20	1127.00
IndFertil	1.13	1.32	1.46	1.46	1.56	1.93	IndFertil	1.25	1.44	1.52	1.54	1.64	1.96
IndRavaz	0.87	1.08	1.51	1.65	2.12	2.98	IndRavaz	0.79	1.36	1.88	1.91	2.38	3.14
SPADgiu	35.00	40.08	41.26	41.01	42.21	44.35	SPADgiu	37.33	40.53	41.56	41.58	43.01	44.90
NDVIgiu	0.86	0.88	0.90	0.89	0.90	0.91	NDVIgiu	0.85	0.88	0.89	0.89	0.90	0.91
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	40.20	42.22	42.75	43.09	44.21	45.80	SPADago	35.95	39.18	40.59	40.71	43.09	43.60
NDVIago	0.44	0.56	0.64	0.64	0.74	0.80	NDVIago	0.52	0.59	0.61	0.65	0.72	0.81
Brix	21.21	21.60	21.70	21.74	21.83	22.65	Brix	22.56	22.92	23.01	23.07	23.23	23.58
pH	3.30	3.34	3.37	3.37	3.39	3.44	pH	3.34	3.38	3.39	3.40	3.42	3.49
AcTot	4.70	4.88	5.00	5.06	5.22	5.50	AcTot	4.10	4.47	4.55	4.55	4.62	5.00
AcTartarico	5.22	5.38	5.63	5.66	5.87	6.33	AcTartarico	5.18	5.62	5.72	5.72	5.86	6.05
AcMalico	1.09	1.50	1.72	1.68	1.88	2.04	AcMalico	0.98	1.28	1.49	1.52	1.70	2.13
Potassio	1.18	1.35	1.40	1.40	1.44	1.57	Potassio	1.06	1.13	1.21	1.22	1.25	1.52
APA	129.00	152.50	162.50	159.80	169.20	186.00	APA	106.00	131.20	148.50	143.50	155.00	182.00
AntocTot	550.80	798.60	882.90	926.50	1066.00	1235.00	AntocTot	568.30	757.10	853.80	881.70	969.20	1370.00
PolifTot	717.90	1007.00	1141.00	1147.00	1316.00	1453.00	PolifTot	722.40	996.10	1054.00	1105.00	1225.00	1750.00
Anno: Y07 - Blocco: BL2 - Raccolta: R1							Anno: Y07 - Blocco: BL2 - Raccolta: R2						
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.		Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	450.00	770.80	1033.00	1161.00	1462.00	2250.00	PesoUvaPia	500.00	1142.00	1392.00	1385.00	1569.00	2575.00
PesoGrapM	63.98	85.44	107.70	112.70	127.60	186.10	PesoGrapM	72.50	124.50	130.10	137.70	163.90	190.10
PesoGermM	66.00	73.48	81.91	90.02	97.94	163.80	PesoGermM	70.40	76.16	87.81	95.54	108.90	151.40
PesoLegnoM	566.70	689.20	753.30	749.40	787.50	953.30	PesoLegnoM	540.00	713.30	800.00	812.10	843.30	1260.00
IndFertil	1.08	1.34	1.46	1.49	1.69	1.93	IndFertil	1.14	1.25	1.40	1.45	1.62	1.83
IndRavaz	0.69	1.05	1.50	1.62	2.08	2.88	IndRavaz	0.56	1.54	1.70	1.77	1.96	3.06
SPADgiu	38.20	40.40	42.73	42.02	43.40	44.40	SPADgiu	39.07	40.85	41.51	41.78	42.30	46.25
NDVIgiu	0.85	0.88	0.89	0.89	0.90	0.91	NDVIgiu	0.87	0.89	0.89	0.89	0.90	0.90
SPADlug	-	-	-	-	-	-	SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-	NDVIlug	-	-	-	-	-	-
SPADago	38.35	41.89	43.39	43.01	44.31	46.20	SPADago	37.60	41.47	42.00	41.72	42.44	44.15
NDVIago	0.58	0.61	0.65	0.66	0.71	0.78	NDVIago	0.45	0.60	0.63	0.64	0.69	0.77
Brix	20.50	21.30	22.09	21.77	22.29	22.54	Brix	22.73	23.02	23.27	23.35	23.72	23.85
pH	3.34	3.39	3.41	3.42	3.46	3.50	pH	3.42	3.45	3.48	3.48	3.51	3.56
AcTot	4.40	4.80	5.00	4.91	5.10	5.20	AcTot	3.90	4.00	4.30	4.24	4.40	4.70
AcTartarico	4.95	5.45	5.60	5.57	5.81	5.99	AcTartarico	5.13	5.28	5.45	5.47	5.67	5.76
AcMalico	1.44	1.56	1.75	1.78	1.92	2.22	AcMalico	1.32	1.44	1.55	1.61	1.85	2.04
Potassio	1.29	1.45	1.48	1.50	1.55	1.74	Potassio	1.18	1.29	1.36	1.38	1.46	1.61
APA	132.00	158.50	162.00	162.80	171.00	182.00	APA	117.00	135.00	140.00	140.40	146.50	160.00
AntocTot	157.60	785.20	952.50	895.90	1069.00	1210.00	AntocTot	678.10	762.30	922.20	905.20	986.60	1167.00
PolifTot	197.30	990.40	1124.00	1087.00	1257.00	1705.00	PolifTot	719.10	973.00	1132.00	1118.00	1223.00	1467.00

Anno: Y07 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	600.00	843.80	1158.00	1167.00	1348.00	2175.00
PesoGrapM	75.63	95.70	111.70	110.00	123.80	164.20
PesoGermM	63.33	79.97	91.10	98.19	116.30	165.70
PesoLegnoM	530.00	715.00	845.00	851.70	972.50	1160.00
IndFertil	1.02	1.29	1.38	1.41	1.47	1.98
IndRavaz	0.81	0.99	1.21	1.47	1.70	2.95
SPADgiu	37.90	40.62	41.72	41.30	42.01	43.30
NDVIgiu	0.87	0.89	0.90	0.90	0.91	0.92
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	39.60	41.63	42.22	42.49	43.74	45.20
NDVIago	0.50	0.58	0.64	0.65	0.70	0.79
Brix	21.14	21.66	21.82	21.80	22.02	22.43
pH	3.30	3.37	3.38	3.38	3.41	3.45
AcTot	4.40	4.65	4.80	4.84	5.00	5.40
AcTartarico	4.91	5.08	5.30	5.39	5.71	5.92
AcMalico	1.22	1.54	1.61	1.70	1.93	2.25
Potassio	1.28	1.33	1.39	1.40	1.45	1.64
APA	139.00	152.50	162.00	158.50	167.00	171.00
AntocTot	645.90	825.40	942.50	942.30	1045.00	1254.00
PolifTot	824.90	1027.00	1112.00	1122.00	1189.00	1451.00

Anno: Y07 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	666.70	1081.00	1325.00	1426.00	1806.00	2467.00
PesoGrapM	86.74	113.70	134.40	127.60	139.50	184.90
PesoGermM	45.27	72.75	83.94	92.46	108.10	164.60
PesoLegnoM	480.00	620.00	746.70	803.30	914.20	1420.00
IndFertil	0.71	1.35	1.52	1.49	1.64	1.93
IndRavaz	0.73	1.61	1.89	1.97	2.21	3.75
SPADgiu	37.23	39.86	41.73	41.07	42.61	43.07
NDVIgiu	0.85	0.88	0.89	0.89	0.90	0.91
SPADlug	-	-	-	-	-	-
NDVIlug	-	-	-	-	-	-
SPADago	35.93	38.89	40.62	40.36	42.00	42.95
NDVIago	0.53	0.60	0.66	0.66	0.71	0.79
Brix	22.40	22.79	23.25	23.13	23.43	23.72
pH	3.35	3.42	3.47	3.46	3.48	3.58
AcTot	4.00	4.28	4.40	4.33	4.40	4.60
AcTartarico	5.06	5.36	5.60	5.58	5.78	5.98
AcMalico	1.12	1.26	1.38	1.53	1.72	2.46
Potassio	1.05	1.19	1.29	1.33	1.42	1.74
APA	130.00	136.80	141.00	143.80	150.00	166.00
AntocTot	634.10	886.90	979.20	986.90	1128.00	1256.00
PolifTot	867.50	1068.00	1126.00	1164.00	1263.00	1576.00

Anno: Y08 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	300.00	543.30	686.70	742.20	841.70	1540.00
PesoGrapM	28.57	56.05	64.64	67.07	79.50	113.90
PesoGermM	36.26	51.02	68.22	64.25	77.66	86.21
PesoLegnoM	373.30	533.30	650.00	619.50	670.00	806.70
IndFertil	0.79	1.12	1.27	1.27	1.38	1.73
IndRavaz	0.50	0.86	1.04	1.32	1.44	4.08
SPADgiu	32.50	36.10	37.80	37.48	38.51	42.30
NDVIgiu	0.54	0.60	0.71	0.67	0.73	0.81
SPADlug	39.95	41.79	43.55	43.16	44.64	45.95
NDVIlug	0.63	0.67	0.69	0.69	0.72	0.76
SPADago	43.40	45.31	46.40	46.01	47.19	47.38
NDVIago	0.56	0.69	0.72	0.70	0.76	0.78
Brix	21.95	23.30	23.43	23.34	23.73	24.20
pH	3.38	3.43	3.45	3.46	3.48	3.61
AcTot	4.10	4.50	4.50	4.53	4.70	4.80
AcTartarico	5.56	5.80	5.86	5.86	5.91	6.08
AcMalico	1.24	1.68	1.86	1.84	2.04	2.25
Potassio	1.18	1.42	1.51	1.51	1.55	1.86
APA	32.00	68.50	73.00	70.93	81.50	95.00
AntocTot	469.60	731.50	864.30	905.50	994.20	1515.00
PolifTot	574.10	1067.00	1159.00	1180.00	1206.00	1983.00

Anno: Y08 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	316.70	485.00	753.30	715.40	870.00	1380.00
PesoGrapM	38.39	51.67	72.91	65.80	77.73	89.60
PesoGermM	45.38	56.07	63.64	66.67	77.93	86.25
PesoLegnoM	480.00	548.00	653.30	626.60	700.00	740.00
IndFertil	0.82	1.09	1.27	1.26	1.45	1.82
IndRavaz	0.44	0.73	1.13	1.21	1.34	2.71
SPADgiu	35.65	37.00	39.30	38.69	39.83	41.73
NDVIgiu	0.54	0.62	0.68	0.68	0.74	0.78
SPADlug	39.40	41.02	41.80	42.11	43.28	44.97
NDVIlug	0.52	0.60	0.63	0.63	0.66	0.71
SPADago	40.05	41.59	42.05	42.20	42.91	44.30
NDVIago	0.56	0.63	0.65	0.66	0.71	0.75
Brix	22.60	23.94	24.03	23.99	24.32	24.47
pH	3.46	3.52	3.55	3.56	3.58	3.70
AcTot	3.80	4.00	4.10	4.19	4.30	4.90
AcTartarico	5.43	6.01	6.11	6.06	6.20	6.37
AcMalico	1.24	1.46	1.51	1.67	1.94	2.10
Potassio	1.18	1.41	1.51	1.51	1.64	1.83
APA	10.00	24.00	31.00	34.07	43.50	67.00
AntocTot	775.80	940.10	1023.00	1134.00	1215.00	2191.00
PolifTot	929.60	1128.00	1252.00	1329.00	1378.00	2542.00

Anno: Y08 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	220.00	440.00	560.00	593.60	706.70	1030.00
PesoGrapM	28.70	51.99	54.67	60.92	67.86	120.10
PesoGermM	31.26	46.89	57.20	55.13	62.22	71.96
PesoLegnoM	360.00	480.00	540.00	526.00	560.00	706.70
IndFertil	0.83	0.89	1.18	1.13	1.25	1.61
IndRavaz	0.49	0.86	0.95	1.18	1.52	1.92
SPADgiu	33.65	35.30	37.10	37.37	39.10	41.70
NDVIgiu	0.61	0.69	0.74	0.71	0.76	0.78
SPADlug	40.60	41.03	41.80	42.02	43.23	43.70
NDVIlug	0.58	0.65	0.68	0.68	0.70	0.74
SPADago	41.05	43.56	44.83	44.70	45.53	47.40
NDVIago	0.65	0.71	0.73	0.72	0.74	0.76
Brix	23.49	23.76	23.91	23.89	24.06	24.27
pH	3.47	3.49	3.54	3.54	3.57	3.64
AcTot	3.80	4.00	4.10	4.16	4.40	4.50
AcTartarico	5.43	5.49	5.78	5.74	5.99	6.09
AcMalico	1.32	1.45	1.53	1.57	1.68	1.87
Potassio	1.38	1.51	1.59	1.60	1.70	1.88
APA	42.00	57.00	70.00	70.31	82.00	98.00
AntocTot	538.30	991.90	1153.00	1111.00	1289.00	1630.00
PolifTot	661.10	1131.00	1315.00	1311.00	1546.00	1901.00

Anno: Y08 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	216.00	430.00	520.00	600.40	831.70	1000.00
PesoGrapM	30.63	36.30	54.44	54.60	62.74	112.50
PesoGermM	40.28	46.97	55.74	56.35	66.38	72.50
PesoLegnoM	430.00	490.00	533.30	525.20	552.00	630.00
IndFertil	0.86	1.07	1.34	1.29	1.53	1.70
IndRavaz	0.41	0.86	1.08	1.22	1.57	2.46
SPADgiu	34.60	36.63	36.95	38.13	39.88	42.00
NDVIgiu	0.63	0.69	0.71	0.71	0.75	0.77
SPADlug	38.57	41.28	41.63	41.59	42.23	43.55
NDVIlug	0.54	0.60	0.64	0.63	0.66	0.71
SPADago	38.47	40.55	41.43	41.38	42.19	44.30
NDVIago	0.56	0.62	0.67	0.66	0.69	0.74
Brix	23.88	24.41	24.49	24.48	24.62	24.71
pH	3.56	3.62	3.67	3.65	3.67	3.76
AcTot	3.70	3.85	3.90	3.91	4.00	4.10
AcTartarico	5.85	6.00	6.12	6.09	6.16	6.32
AcMalico	1.08	1.36	1.58	1.51	1.68	1.90
Potassio	1.47	1.66	1.74	1.72	1.82	1.91
APA	10.00	10.00	22.00	26.67	42.00	56.00
AntocTot	660.00	911.50	1016.00	1069.00	1160.00	1826.00
PolifTot	912.40	1194.00	1299.00	1344.00	1393.00	2100.00

Anno: Y08 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	248.00	535.00	676.70	750.40	835.00	1473.00
PesoGrapM	29.24	45.90	75.47	68.09	84.66	98.45
PesoGermM	41.31	50.22	61.17	58.67	65.12	77.92
PesoLegnoM	468.00	535.00	586.70	592.10	640.00	790.00
IndFertil	0.76	1.02	1.27	1.22	1.36	1.58
IndRavaz	0.47	0.95	1.05	1.29	1.57	2.50
SPADgiu	31.85	35.56	37.38	36.92	38.46	39.30
NDVIgiu	0.66	0.69	0.71	0.72	0.77	0.80
SPADlug	40.75	41.65	42.12	42.49	43.77	44.25
NDVIlug	0.62	0.66	0.69	0.68	0.70	0.75
SPADago	40.95	42.91	43.76	43.90	45.10	46.25
NDVIago	0.69	0.71	0.72	0.73	0.75	0.77
Brix	22.37	23.15	23.45	23.42	23.93	24.08
pH	3.30	3.42	3.52	3.49	3.57	3.66
AcTot	4.00	4.15	4.50	4.56	5.00	5.30
AcTartarico	5.79	5.94	6.19	6.21	6.39	6.84
AcMalico	1.11	1.40	1.53	1.52	1.67	1.91
Potassio	1.21	1.37	1.54	1.53	1.71	1.91
APA	56.00	59.50	63.00	67.50	75.25	92.00
AntocTot	508.40	904.60	1038.00	1063.00	1110.00	1845.00
PolifTot	744.60	1269.00	1400.00	1392.00	1482.00	2147.00

Anno: Y08 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	256.00	410.80	640.00	654.50	922.50	1093.00
PesoGrapM	30.77	43.55	54.00	58.81	72.86	96.35
PesoGermM	35.45	48.18	53.54	55.76	64.87	81.56
PesoLegnoM	390.00	464.00	558.30	543.70	598.30	760.00
IndFertil	0.69	1.01	1.13	1.20	1.43	1.83
IndRavaz	0.74	0.90	1.12	1.35	1.72	2.74
SPADgiu	29.85	37.15	38.25	37.42	38.75	39.47
NDVIgiu	0.65	0.69	0.74	0.72	0.74	0.76
SPADlug	37.85	40.17	41.13	41.30	42.19	45.45
NDVIlug	0.55	0.60	0.65	0.63	0.67	0.70
SPADago	39.20	39.81	40.66	41.18	42.60	44.15
NDVIago	0.54	0.62	0.63	0.64	0.66	0.79
Brix	23.01	23.99	24.16	24.15	24.50	24.67
pH	3.43	3.56	3.62	3.61	3.67	3.76
AcTot	3.60	3.92	4.05	4.02	4.17	4.30
AcTartarico	5.75	6.12	6.19	6.15	6.28	6.35
AcMalico	0.87	1.09	1.22	1.34	1.41	2.27
Potassio	1.10	1.43	1.60	1.61	1.72	2.04
APA	10.00	29.00	38.50	45.93	63.50	94.00
AntocTot	786.90	1028.00	1045.00	1060.00	1139.00	1307.00
PolifTot	1147.00	1244.00	1332.00	1358.00	1438.00	1690.00

Anno: Y09 - Blocco: BL1 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	373.30	960.00	1058.00	1129.00	1508.00	1767.00
PesoGrapM	55.00	94.23	123.80	116.00	136.60	200.40
PesoGermM	52.92	68.89	79.91	82.10	99.20	106.10
PesoLegnoM	560.00	747.50	793.30	791.20	848.30	910.00
IndFertil	0.75	0.91	0.99	1.00	1.06	1.30
IndRavaz	0.42	1.24	1.32	1.50	1.80	3.28
SPADgiu	38.03	40.46	41.98	41.85	42.92	45.20
NDVIgiu	0.66	0.72	0.75	0.74	0.76	0.79
SPADlug	41.10	42.08	44.03	43.88	45.15	46.70
NDVIlug	0.66	0.70	0.73	0.73	0.75	0.76
SPADago	39.95	43.88	45.03	44.71	45.98	48.05
NDVIago	0.64	0.71	0.73	0.72	0.75	0.77
Brix	21.89	22.55	22.83	22.80	22.89	23.75
pH	3.31	3.37	3.46	3.45	3.49	3.62
AcTot	4.10	4.50	4.70	4.69	4.83	5.20
AcTartarico	5.94	6.21	6.33	6.36	6.56	6.80
AcMalico	1.70	1.88	2.01	2.13	2.38	2.66
Potassio	1.56	1.61	1.80	1.80	1.94	2.13
APA	50.00	60.75	67.00	65.38	72.25	78.00
AntocTot	622.90	663.40	864.00	799.60	899.30	970.60
PolifTot	1012.00	1107.00	1186.00	1194.00	1273.00	1393.00

Anno: Y09 - Blocco: BL1 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	393.30	775.00	905.00	1039.00	1103.00	2373.00
PesoGrapM	48.92	76.56	105.30	100.10	119.60	150.00
PesoGermM	46.78	75.62	86.57	88.85	102.50	148.20
PesoLegnoM	570.00	753.30	826.70	834.80	930.00	1140.00
IndFertil	0.67	0.88	1.00	1.04	1.18	1.65
IndRavaz	0.52	0.87	1.08	1.29	1.48	2.82
SPADgiu	40.57	42.45	43.51	43.34	44.37	45.80
NDVIgiu	0.59	0.67	0.72	0.71	0.75	0.81
SPADlug	40.60	42.89	44.84	44.41	45.80	47.50
NDVIlug	0.60	0.67	0.68	0.68	0.70	0.72
SPADago	39.10	40.25	42.14	42.39	44.05	48.55
NDVIago	0.63	0.68	0.69	0.69	0.72	0.75
Brix	22.61	22.87	23.12	23.35	23.61	24.82
pH	3.37	3.42	3.47	3.48	3.50	3.73
AcTot	4.10	4.30	4.45	4.48	4.70	4.90
AcTartarico	5.86	6.07	6.14	6.16	6.27	6.48
AcMalico	1.31	1.63	1.87	1.90	2.19	2.45
Potassio	1.29	1.47	1.60	1.60	1.68	2.12
APA	10.00	29.25	38.50	36.31	45.25	65.00
AntocTot	370.80	455.60	615.50	593.20	744.80	783.50
PolifTot	699.10	976.70	1082.00	1055.00	1166.00	1264.00

Anno: Y09 - Blocco: BL2 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	486.70	685.00	921.70	1027.00	1258.00	1830.00
PesoGrapM	57.18	92.33	115.00	116.30	139.50	182.40
PesoGermM	57.12	70.75	80.93	84.99	96.25	163.40
PesoLegnoM	666.70	720.00	798.30	818.70	864.50	1030.00
IndFertil	0.51	0.76	0.92	0.89	1.03	1.31
IndRavaz	0.55	0.94	1.20	1.25	1.48	2.21
SPADgiu	35.47	40.83	42.15	41.81	43.04	44.65
NDVIgiu	0.71	0.72	0.73	0.74	0.75	0.77
SPADlug	42.40	44.01	44.59	45.13	46.26	47.90
NDVIlug	0.67	0.71	0.73	0.73	0.75	0.78
SPADago	41.45	43.72	45.72	45.09	46.36	47.63
NDVIago	0.63	0.68	0.70	0.71	0.73	0.77
Brix	21.96	22.52	22.62	22.72	22.92	23.55
pH	3.46	3.48	3.50	3.51	3.53	3.59
AcTot	4.30	4.60	4.70	4.67	4.80	4.90
AcTartarico	5.98	6.18	6.41	6.35	6.47	6.64
AcMalico	1.92	2.14	2.28	2.27	2.36	2.74
Potassio	1.78	1.85	1.95	1.95	2.02	2.25
APA	55.00	69.75	83.50	82.94	97.75	108.00
AntocTot	754.00	869.20	924.90	926.90	993.10	1144.00
PolifTot	1069.00	1138.00	1211.00	1198.00	1251.00	1316.00

Anno: Y09 - Blocco: BL2 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	350.00	571.70	973.30	972.70	1267.00	1840.00
PesoGrapM	63.02	71.84	104.90	102.60	120.60	170.00
PesoGermM	53.35	73.36	83.34	87.86	93.52	142.50
PesoLegnoM	650.00	687.50	788.30	845.40	1018.00	1200.00
IndFertil	0.35	0.85	0.97	0.98	1.15	1.59
IndRavaz	0.57	0.84	1.02	1.20	1.50	2.56
SPADgiu	39.85	42.02	42.47	42.57	43.50	45.45
NDVIgiu	0.64	0.67	0.71	0.70	0.72	0.79
SPADlug	41.37	44.29	45.91	45.26	46.66	47.55
NDVIlug	0.64	0.69	0.71	0.71	0.73	0.77
SPADago	40.73	42.22	43.60	43.55	44.84	47.35
NDVIago	0.61	0.68	0.70	0.70	0.72	0.76
Brix	22.55	23.44	23.79	23.82	24.20	24.90
pH	3.46	3.54	3.56	3.58	3.63	3.71
AcTot	3.70	3.98	4.10	4.08	4.22	4.40
AcTartarico	5.08	5.54	5.76	5.72	5.92	6.08
AcMalico	1.32	1.57	1.78	1.76	1.87	2.27
Potassio	1.56	1.73	1.81	1.82	1.91	2.01
APA	10.00	38.75	48.50	43.50	53.25	61.00
AntocTot	478.40	603.20	669.30	681.10	703.90	1068.00
PolifTot	915.50	986.10	1033.00	1084.00	1120.00	1545.00

Anno: Y09 - Blocco: BL3 - Raccolta: R1

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	540.00	811.70	1020.00	1243.00	1470.00	2730.00
PesoGrapM	86.76	97.29	114.20	120.30	137.10	170.60
PesoGermM	48.57	74.14	80.25	88.63	109.20	130.00
PesoLegnoM	580.00	773.30	856.70	867.90	942.50	1170.00
IndFertil	0.57	0.84	0.94	0.97	1.11	1.45
IndRavaz	0.63	1.01	1.31	1.51	1.66	3.80
SPADgiu	38.10	41.39	41.77	41.77	42.41	44.30
NDVIgiu	0.71	0.72	0.75	0.75	0.77	0.80
SPADlug	39.65	43.51	44.10	44.17	45.20	47.65
NDVIlug	0.71	0.74	0.75	0.75	0.76	0.80
SPADago	40.25	42.80	43.49	43.77	45.23	48.20
NDVIago	0.62	0.71	0.72	0.71	0.73	0.76
Brix	21.48	22.18	22.51	22.48	22.70	23.07
pH	3.43	3.48	3.51	3.53	3.56	3.68
AcTot	4.40	4.65	4.70	4.72	4.83	5.10
AcTartarico	5.99	6.22	6.37	6.36	6.52	6.70
AcMalico	1.66	1.90	2.08	2.14	2.26	2.99
Potassio	1.62	1.75	1.82	1.88	1.90	2.38
APA	64.00	79.25	87.00	90.25	102.20	119.00
AntocTot	649.50	874.50	941.60	935.60	1036.00	1113.00
PolifTot	950.60	1193.00	1212.00	1199.00	1237.00	1405.00

Anno: Y09 - Blocco: BL3 - Raccolta: R2

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
PesoUvaPia	360.00	571.70	760.00	1006.00	1560.00	1840.00
PesoGrapM	49.16	68.84	94.43	104.00	130.20	181.70
PesoGermM	47.67	70.55	87.10	87.99	103.10	170.70
PesoLegnoM	526.70	722.50	865.00	872.30	985.00	1360.00
IndFertil	0.49	0.86	0.92	0.93	1.03	1.23
IndRavaz	0.46	0.70	1.00	1.23	1.46	3.47
SPADgiu	40.60	41.27	42.83	42.54	43.34	44.40
NDVIgiu	0.68	0.71	0.72	0.72	0.74	0.74
SPADlug	40.40	42.11	42.98	43.35	44.39	47.57
NDVIlug	0.66	0.69	0.70	0.70	0.71	0.74
SPADago	35.45	42.48	43.39	42.75	43.92	45.17
NDVIago	0.64	0.67	0.70	0.69	0.72	0.73
Brix	21.23	23.50	23.65	23.55	23.90	24.41
pH	3.46	3.50	3.56	3.56	3.62	3.68
AcTot	3.90	3.90	4.00	4.09	4.22	4.50
AcTartarico	5.34	5.53	5.63	5.65	5.70	6.08
AcMalico	1.27	1.44	1.56	1.61	1.76	2.04
Potassio	1.52	1.70	1.79	1.86	2.05	2.17
APA	33.00	40.00	50.50	53.75	64.75	83.00
AntocTot	440.70	762.30	812.10	793.90	868.20	981.90
PolifTot	601.10	1021.00	1073.00	1074.00	1172.00	1369.00

4.1.2 Sommari per Tesi entro Blocco

Anno: Y07

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1179.17	111.25	97.68	688.34	1.52	1.77	41.65	-	43.41
BL1	T2	R1	1004.17	130.86	129.13	1041.67	1.63	1.01	41.62	-	43.49
BL1	T3	R1	1350.00	110.74	117.58	886.67	1.65	1.55	39.21	-	41.78
BL1	T4	R1	625.00	74.82	79.46	643.34	1.19	1.00	41.76	-	41.58
BL1	T5	R1	1529.17	115.47	57.31	621.67	1.30	2.53	43.14	-	43.87
BL1	T6	R1	1129.17	97.20	67.48	710.00	1.51	1.86	38.52	-	44.05
BL1	T7	R1	1950.00	113.26	63.99	793.34	1.45	2.49	40.38	-	44.28
BL1	T8	R1	816.67	84.56	79.63	850.00	1.45	0.96	41.78	-	42.25
BL2	T1	R1	800.00	94.17	109.14	798.34	1.19	0.97	41.38	-	38.79
BL2	T2	R1	729.17	106.71	90.49	811.67	1.21	0.92	42.19	-	42.09
BL2	T3	R1	1258.33	186.05	117.66	663.34	1.49	1.94	42.79	-	43.53
BL2	T4	R1	729.17	90.81	83.63	698.34	1.56	1.08	43.80	-	43.55
BL2	T5	R1	1987.50	128.34	94.36	796.67	1.81	2.66	43.14	-	45.79
BL2	T6	R1	941.67	85.16	81.91	773.34	1.54	1.49	38.82	-	40.98
BL2	T7	R1	1800.00	110.18	72.76	711.67	1.66	2.53	43.38	-	44.52
BL2	T8	R1	1041.67	100.15	70.24	741.67	1.46	1.40	40.62	-	44.85
BL3	T1	R1	1016.67	109.28	99.20	815.00	1.13	1.42	42.25	-	41.72
BL3	T2	R1	850.00	108.71	102.32	790.00	1.40	1.17	41.91	-	41.72
BL3	T3	R1	1125.00	97.09	137.02	925.00	1.65	1.19	40.58	-	42.97
BL3	T4	R1	737.50	99.23	119.88	920.00	1.39	0.82	42.67	-	40.10
BL3	T5	R1	1795.83	144.26	86.72	905.00	1.26	2.22	39.75	-	42.06
BL3	T6	R1	941.67	86.36	74.03	728.34	1.36	1.30	40.45	-	43.67
BL3	T7	R1	1587.50	121.73	71.84	658.34	1.41	2.45	40.93	-	43.64
BL3	T8	R1	1279.17	113.19	94.49	1071.67	1.65	1.18	41.84	-	44.05
BL1	T1	R2	1595.83	128.22	102.99	875.00	1.50	1.85	42.73	-	41.69
BL1	T2	R2	995.83	133.27	143.51	938.34	1.48	1.11	44.12	-	43.43
BL1	T3	R2	1104.17	101.31	93.16	701.67	1.50	1.95	40.41	-	39.05
BL1	T4	R2	820.83	128.42	100.34	783.34	1.43	1.09	40.73	-	41.30
BL1	T5	R2	2100.00	144.16	84.18	841.67	1.48	2.79	44.19	-	42.74
BL1	T6	R2	1308.33	132.21	69.16	708.34	1.37	1.90	40.80	-	37.23
BL1	T7	R2	2495.83	146.41	99.18	928.34	1.89	2.73	40.16	-	39.88
BL1	T8	R2	1179.17	121.91	71.16	635.00	1.70	1.88	39.49	-	40.37
BL2	T1	R2	1591.67	136.72	122.09	1046.67	1.36	1.64	41.42	-	42.43
BL2	T2	R2	966.67	145.73	93.70	730.00	1.25	1.38	40.36	-	40.73
BL2	T3	R2	1387.50	144.91	97.90	821.67	1.18	1.73	40.78	-	41.14
BL2	T4	R2	577.50	96.33	116.34	793.34	1.47	0.81	45.09	-	42.15
BL2	T5	R2	1962.50	186.00	82.06	666.67	1.39	3.03	40.48	-	42.84
BL2	T6	R2	1391.67	130.43	76.90	766.67	1.76	1.85	42.73	-	41.71
BL2	T7	R2	2070.83	135.14	99.37	938.34	1.60	2.18	41.45	-	42.34
BL2	T8	R2	1133.33	126.39	75.93	733.34	1.55	1.55	41.97	-	40.40
BL3	T1	R2	1812.50	166.61	134.27	1155.00	1.34	1.83	40.90	-	39.83
BL3	T2	R2	695.83	88.99	131.64	900.00	1.57	0.90	41.26	-	39.83
BL3	T3	R2	1425.00	134.42	98.25	768.34	1.09	1.92	40.86	-	42.41
BL3	T4	R2	1020.83	138.83	70.44	580.00	1.38	1.88	41.86	-	39.57
BL3	T5	R2	2108.33	140.77	60.90	610.00	1.49	3.54	37.72	-	39.09
BL3	T6	R2	1137.50	112.77	77.77	678.34	1.57	1.92	40.87	-	40.83
BL3	T7	R2	2095.83	131.73	101.75	1028.34	1.75	2.12	42.83	-	38.72
BL3	T8	R2	1108.33	106.47	64.63	706.67	1.74	1.67	42.28	-	42.56

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.8761	-	0.5971	21.56	3.38	4.85	5.32	1.90	1.50	162.0	818.78	961.20
BL1	T2	R1	0.8923	-	0.7569	21.76	3.39	5.15	5.49	1.83	1.46	137.0	998.62	1294.24
BL1	T3	R1	0.9023	-	0.7347	21.41	3.34	5.25	5.98	1.45	1.31	162.0	1047.04	1316.67
BL1	T4	R1	0.8885	-	0.5007	21.78	3.38	4.95	5.58	1.74	1.42	167.0	990.66	1188.99
BL1	T5	R1	0.9025	-	0.7927	21.56	3.38	5.00	5.38	1.95	1.34	162.5	830.49	1049.20
BL1	T6	R1	0.8887	-	0.4679	21.83	3.40	4.95	5.45	1.85	1.44	173.5	810.79	1053.38
BL1	T7	R1	0.8716	-	0.6530	21.67	3.33	5.45	6.25	1.49	1.35	166.5	899.76	1110.88
BL1	T8	R1	0.9058	-	0.6062	22.38	3.35	4.85	5.85	1.22	1.35	147.5	1016.02	1199.28
BL2	T1	R1	0.8731	-	0.6748	22.37	3.47	4.95	5.95	1.77	1.71	156.5	1080.45	1289.70
BL2	T2	R1	0.8946	-	0.5864	22.26	3.39	5.10	5.82	1.67	1.45	167.0	1091.45	1479.81
BL2	T3	R1	0.8886	-	0.6313	21.60	3.39	4.95	5.40	1.74	1.46	170.0	870.91	1043.62
BL2	T4	R1	0.9065	-	0.7659	21.99	3.49	4.60	5.35	1.71	1.56	151.5	457.50	584.61
BL2	T5	R1	0.8705	-	0.6024	20.78	3.38	5.10	5.61	1.96	1.45	180.5	791.80	943.05
BL2	T6	R1	0.9023	-	0.6222	21.81	3.40	5.00	5.77	1.66	1.49	172.0	1079.83	1170.93
BL2	T7	R1	0.8921	-	0.7816	20.96	3.45	4.80	5.13	2.18	1.56	144.5	745.92	917.04
BL2	T8	R1	0.8743	-	0.6311	22.43	3.38	4.80	5.51	1.53	1.34	160.0	1049.57	1265.60
BL3	T1	R1	0.8813	-	0.6399	22.36	3.39	4.70	5.15	1.84	1.38	163.0	857.08	1044.77
BL3	T2	R1	0.8950	-	0.7734	21.46	3.44	4.70	5.04	2.17	1.54	143.5	754.10	976.88
BL3	T3	R1	0.8902	-	0.6601	21.72	3.33	5.25	5.77	1.54	1.35	166.5	1069.23	1232.86
BL3	T4	R1	0.9071	-	0.5665	21.94	3.38	4.45	5.03	1.50	1.30	160.5	912.91	1132.41
BL3	T5	R1	0.9093	-	0.6513	21.92	3.35	5.25	5.83	1.64	1.38	167.0	1058.57	1188.87
BL3	T6	R1	0.8981	-	0.5662	21.64	3.40	4.70	5.48	1.57	1.46	153.0	1164.25	1327.53
BL3	T7	R1	0.9056	-	0.5149	21.80	3.37	4.80	5.58	1.51	1.36	161.0	960.91	1092.59
BL3	T8	R1	0.9070	-	0.7909	21.33	3.41	4.90	5.12	2.05	1.39	149.0	761.51	978.61
BL1	T1	R2	0.8860	-	0.6590	22.70	3.40	4.60	5.39	1.79	1.18	170.5	639.22	860.05
BL1	T2	R2	0.8732	-	0.7452	22.95	3.46	4.75	5.80	1.82	1.46	123.0	828.76	1099.38
BL1	T3	R2	0.9030	-	0.7129	23.17	3.36	4.60	5.93	1.22	1.08	145.0	970.04	1140.35
BL1	T4	R2	0.8742	-	0.5822	23.33	3.44	4.45	5.87	1.35	1.26	151.0	850.81	1020.29
BL1	T5	R2	0.9075	-	0.7950	22.75	3.35	4.65	5.59	1.73	1.14	155.0	1021.81	1247.56
BL1	T6	R2	0.8854	-	0.5324	23.06	3.40	4.65	5.66	1.71	1.26	146.0	670.91	892.55
BL1	T7	R2	0.8857	-	0.6065	23.04	3.39	4.55	5.89	1.45	1.15	151.5	938.90	1129.21
BL1	T8	R2	0.8943	-	0.5731	23.56	3.41	4.15	5.64	1.09	1.18	106.0	1132.75	1453.58
BL2	T1	R2	0.8984	-	0.5930	23.81	3.48	4.35	5.62	1.66	1.35	143.0	1133.86	1326.49
BL2	T2	R2	0.8875	-	0.6003	23.32	3.45	4.30	5.68	1.49	1.27	147.0	832.88	1001.62
BL2	T3	R2	0.8827	-	0.6365	23.11	3.43	4.35	5.47	1.60	1.30	141.5	838.90	1072.68
BL2	T4	R2	0.8965	-	0.7645	23.35	3.50	3.95	5.15	1.35	1.35	128.5	888.27	1101.54
BL2	T5	R2	0.8939	-	0.5894	22.88	3.49	4.60	5.66	1.97	1.48	158.0	737.49	964.01
BL2	T6	R2	0.8992	-	0.6726	23.83	3.46	4.40	5.56	1.55	1.31	147.0	1074.91	1334.33
BL2	T7	R2	0.8847	-	0.7506	23.05	3.55	4.05	5.29	1.75	1.61	120.5	760.58	980.95
BL2	T8	R2	0.8942	-	0.5256	23.49	3.52	3.95	5.35	1.51	1.38	137.5	974.54	1158.53
BL3	T1	R2	0.8810	-	0.6759	23.65	3.51	4.15	5.45	1.47	1.44	143.0	1051.75	1251.38
BL3	T2	R2	0.8646	-	0.7645	22.49	3.58	4.45	5.16	2.27	1.70	142.5	803.75	1089.47
BL3	T3	R2	0.8979	-	0.6531	23.30	3.41	4.35	5.74	1.32	1.20	135.5	922.80	1091.11
BL3	T4	R2	0.8958	-	0.5620	23.57	3.49	4.05	5.43	1.44	1.29	141.0	1008.10	1179.61
BL3	T5	R2	0.8918	-	0.6696	22.65	3.41	4.45	5.72	1.49	1.24	155.0	1172.10	1263.83
BL3	T6	R2	0.8917	-	0.6200	23.37	3.43	4.50	5.96	1.30	1.16	157.0	1077.23	1130.80
BL3	T7	R2	0.8965	-	0.5536	23.19	3.43	4.30	5.73	1.26	1.22	137.5	944.95	1250.77
BL3	T8	R2	0.9002	-	0.7830	22.88	3.46	4.35	5.44	1.74	1.39	138.5	914.26	1056.16

Anno: Y08

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	860.00	67.26	74.71	641.67	1.47	1.32	36.37	44.91	46.81
BL1	T2	R1	565.00	73.93	85.60	716.67	1.21	0.79	39.08	43.13	45.30
BL1	T3	R1	420.00	41.99	64.28	585.00	1.07	0.76	37.31	40.84	46.12
BL1	T4	R1	436.00	59.23	76.58	652.00	1.23	0.68	38.74	44.58	47.38
BL1	T5	R1	1345.00	92.97	39.73	456.67	1.28	3.11	37.83	43.46	45.57
BL1	T6	R1	708.33	82.02	55.70	663.34	0.88	1.29	35.05	43.28	46.38
BL1	T7	R1	841.67	54.56	72.52	663.34	1.69	1.28	36.84	43.18	44.90
BL1	T8	R1	608.33	60.66	51.02	593.34	1.32	1.02	39.29	42.59	46.29
BL2	T1	R1	563.33	57.47	67.09	540.00	1.25	1.07	40.12	41.87	45.43
BL2	T2	R1	486.67	68.21	67.31	550.00	1.21	0.89	38.65	41.92	43.01
BL2	T3	R1	360.00	36.76	57.20	432.00	1.25	0.88	33.88	43.64	43.56
BL2	T4	R1	220.00	28.70	57.39	466.00	1.37	0.49	34.96	42.46	44.68
BL2	T5	R1	723.33	53.75	41.54	465.00	1.15	1.72	34.48	41.04	43.69
BL2	T6	R1	921.67	104.91	46.52	536.67	0.86	1.72	39.03	42.75	46.44
BL2	T7	R1	620.00	51.71	50.86	593.34	1.02	1.13	37.79	40.79	45.27
BL2	T8	R1	506.67	54.33	55.49	570.00	1.11	0.86	36.88	43.40	45.23
BL3	T1	R1	901.67	79.98	74.28	591.67	1.44	1.57	37.88	41.18	41.93
BL3	T2	R1	484.00	74.40	52.56	468.00	0.91	1.05	36.94	41.80	44.50
BL3	T3	R1	563.33	45.00	66.29	601.67	1.34	0.92	36.73	43.13	45.78
BL3	T4	R1	248.00	29.24	63.01	552.00	0.99	0.47	35.38	42.18	43.56
BL3	T5	R1	1371.67	88.35	53.10	621.67	1.38	2.27	38.98	42.06	44.33
BL3	T6	R1	683.33	78.07	44.39	515.00	0.87	1.32	37.22	44.23	44.79
BL3	T7	R1	690.00	44.87	50.32	560.00	1.36	1.28	36.87	43.81	43.58
BL3	T8	R1	676.67	88.54	64.51	745.00	1.22	0.90	34.58	41.03	42.86
BL1	T1	R2	868.33	85.76	75.69	670.00	1.18	1.34	36.88	43.38	41.59
BL1	T2	R2	413.33	60.45	84.93	695.00	1.30	0.59	40.52	41.32	42.99
BL1	T3	R2	585.00	58.36	70.67	590.00	1.18	0.96	39.68	40.26	40.99
BL1	T4	R2	368.00	49.71	62.93	536.00	1.27	0.72	41.54	43.36	42.58
BL1	T5	R2	1170.00	74.09	49.64	576.67	1.43	2.41	37.74	41.30	43.35
BL1	T6	R2	761.67	80.25	58.86	676.67	0.83	1.13	37.79	42.20	41.64
BL1	T7	R2	873.33	61.97	68.44	598.34	1.62	1.43	38.05	42.78	42.68
BL1	T8	R2	510.00	47.73	60.33	625.00	1.31	0.89	38.78	42.93	41.97
BL2	T1	R2	796.67	53.00	61.25	555.00	1.66	1.53	38.78	40.13	39.43
BL2	T2	R2	430.00	67.22	71.34	526.67	1.10	0.84	36.94	41.61	40.52
BL2	T3	R2	443.33	33.05	48.67	435.00	1.48	1.04	37.93	42.61	42.05
BL2	T4	R2	216.00	31.30	69.47	544.00	1.10	0.41	36.56	41.42	42.24
BL2	T5	R2	916.67	62.74	50.12	491.67	1.48	2.17	35.65	41.17	40.69
BL2	T6	R2	865.00	95.48	52.86	540.00	1.05	1.61	38.17	42.18	42.21
BL2	T7	R2	535.00	36.22	55.97	595.00	1.35	0.96	40.97	41.02	41.84
BL2	T8	R2	408.33	46.16	47.70	523.34	0.98	0.78	39.28	42.51	42.48
BL3	T1	R2	920.00	64.42	71.78	690.00	1.50	1.40	38.96	42.08	40.20
BL3	T2	R2	483.33	67.53	69.70	536.67	0.97	0.91	37.43	42.31	43.03
BL3	T3	R2	451.67	39.39	60.07	513.34	1.37	0.90	32.74	39.93	42.08
BL3	T4	R2	256.00	30.77	49.31	402.00	0.92	1.97	37.60	40.66	40.26
BL3	T5	R2	1036.67	78.07	45.05	491.67	1.25	2.32	39.12	39.73	41.70
BL3	T6	R2	575.00	79.79	46.53	505.00	0.87	1.12	37.88	42.91	39.87
BL3	T7	R2	825.00	48.62	51.91	630.00	1.48	1.43	37.70	40.90	39.61
BL3	T8	R2	324.00	36.88	41.31	476.00	1.03	0.76	38.60	41.86	43.34

Vigneto	Anno	Blocco	Tesi	Raccolta	NDVIgiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.7594	0.6809	0.6360	23.00	3.46	4.50	5.82	1.91	1.53	71.0	833.66	1144.87		
BL1	T2	R1	0.5834	0.6453	0.5669	23.60	3.56	4.75	5.95	2.21	1.81	54.5	1189.76	1572.33		
BL1	T3	R1	0.7277	0.7045	0.7568	23.35	3.42	4.55	5.81	1.69	1.42	77.0	1029.46	1298.29		
BL1	T4	R1	0.5785	0.6566	0.7173	23.51	3.47	4.50	5.91	1.76	1.43	71.0	988.30	1177.48		
BL1	T5	R1	0.5444	0.6901	0.7391	22.14	3.42	4.70	5.83	2.06	1.41	82.5	867.85	1143.14		
BL1	T6	R1	0.6997	0.7561	0.7704	23.64	3.47	4.65	5.92	1.81	1.52	92.0	969.27	1174.71		
BL1	T7	R1	0.7283	0.7136	0.7478	23.81	3.54	4.30	5.88	1.96	1.66	45.0	626.13	938.86		
BL1	T8	R1	0.7150	0.6858	0.7009	23.79	3.41	4.30	5.80	1.32	1.27	74.5	780.87	992.22		
BL2	T1	R1	0.7395	0.6633	0.7259	23.60	3.48	4.25	5.90	1.36	1.45	83.0	1182.89	1367.19		
BL2	T2	R1	0.7672	0.6870	0.7246	24.00	3.58	4.40	6.04	1.69	1.67	92.0	1256.98	1438.66		
BL2	T3	R1	0.7233	0.7047	0.7470	24.19	3.52	3.90	5.45	1.39	1.56	61.0	685.84	864.95		
BL2	T4	R1	0.6106	0.6591	0.7372	24.27	3.64	3.80	5.49	1.46	1.88	42.0	995.66	1299.66		
BL2	T5	R1	0.7518	0.6907	0.7219	23.88	3.56	4.10	5.62	1.76	1.73	60.5	845.73	987.97		
BL2	T6	R1	0.7580	0.7403	0.7407	23.67	3.52	4.40	6.02	1.63	1.57	73.5	1091.93	1249.70		
BL2	T7	R1	0.6147	0.6132	0.6635	23.91	3.53	4.05	5.52	1.61	1.55	57.0	1267.85	1514.71		
BL2	T8	R1	0.6866	0.6812	0.7297	24.00	3.49	4.00	5.56	1.45	1.40	79.0	1475.27	1763.40		
BL3	T1	R1	0.6930	0.6820	0.7228	23.20	3.52	4.50	6.28	1.53	1.57	58.5	1079.56	1444.04		
BL3	T2	R1	0.6950	0.6850	0.6920	23.98	3.58	4.50	5.92	1.91	1.79	78.0	1238.61	1437.07		
BL3	T3	R1	0.7825	0.7156	0.6905	23.43	3.41	5.00	6.38	1.61	1.39	63.0	884.34	1288.37		
BL3	T4	R1	0.7386	0.6923	0.7154	23.95	3.62	4.10	6.10	1.43	1.75	64.0	1536.44	1801.41		
BL3	T5	R1	0.7833	0.7288	0.7580	22.49	3.32	5.25	6.66	1.61	1.26	82.5	962.74	1364.29		
BL3	T6	R1	0.7386	0.6706	0.7208	23.05	3.43	4.70	6.37	1.40	1.32	79.5	1023.60	1369.30		
BL3	T7	R1	0.6895	0.6566	0.7498	23.82	3.55	4.15	5.94	1.26	1.56	61.0	926.52	1213.86		
BL3	T8	R1	0.6712	0.6528	0.7463	23.97	3.65	4.05	5.83	1.56	1.85	57.0	1176.77	1445.74		
BL1	T1	R2	0.7266	0.6888	0.7067	24.00	3.53	4.75	6.12	2.02	1.58	56.5	952.48	1098.35		
BL1	T2	R2	0.5850	0.5837	0.6453	23.09	3.65	4.00	5.58	2.01	1.79	10.0	1820.08	2105.20		
BL1	T3	R2	0.7115	0.5726	0.5937	24.35	3.57	4.15	6.36	1.46	1.57	32.0	1046.28	1342.16		
BL1	T4	R2	0.5895	0.6305	0.6768	24.24	3.55	4.20	6.26	1.46	1.44	31.0	1017.26	1127.80		
BL1	T5	R2	0.5883	0.6768	0.6521	23.64	3.51	4.20	5.93	1.67	1.46	49.0	1211.77	1206.64		
BL1	T6	R2	0.6889	0.5766	0.7400	24.20	3.53	4.40	6.06	1.94	1.56	45.0	899.39	1029.21		
BL1	T7	R2	0.7366	0.6422	0.6818	24.11	3.54	4.00	6.17	1.28	1.25	27.5	1008.22	1257.34		
BL1	T8	R2	0.7536	0.6498	0.6138	24.39	3.57	3.85	6.10	1.43	1.41	20.0	1060.70	1368.03		
BL2	T1	R2	0.7651	0.6060	0.6758	24.55	3.65	3.95	6.01	1.59	1.77	35.0	1025.32	1269.14		
BL2	T2	R2	0.7362	0.6870	0.6209	24.58	3.60	4.10	6.15	1.23	1.64	53.5	1070.62	1220.78		
BL2	T3	R2	0.7309	0.6618	0.7040	24.29	3.67	3.95	6.19	1.76	1.80	15.5	1039.78	1348.36		
BL2	T4	R2	0.6257	0.6067	0.7075	24.28	3.56	3.90	6.12	1.15	1.47	22.0	660.00	912.39		
BL2	T5	R2	0.7429	0.6429	0.6754	24.45	3.69	3.75	5.92	1.63	1.82	10.0	1487.35	1731.16		
BL2	T6	R2	0.6952	0.6661	0.6428	24.55	3.62	3.80	6.14	1.29	1.57	44.0	930.86	1165.53		
BL2	T7	R2	0.6653	0.5749	0.5932	24.43	3.70	3.85	5.99	1.71	1.83	10.0	1113.68	1570.90		
BL2	T8	R2	0.7007	0.5903	0.7016	24.62	3.68	3.95	6.22	1.53	1.75	21.0	1023.34	1319.54		
BL3	T1	R2	0.7016	0.6418	0.6385	24.31	3.63	4.00	6.23	1.20	1.67	42.0	1092.17	1445.02		
BL3	T2	R2	0.6965	0.6447	0.6386	24.34	3.73	4.25	6.09	2.17	2.04	25.0	910.46	1211.69		
BL3	T3	R2	0.7361	0.6657	0.7039	24.04	3.58	4.05	6.27	1.05	1.51	50.0	1198.73	1629.28		
BL3	T4	R2	0.7445	0.6730	0.6888	24.67	3.66	3.60	5.86	1.27	1.71	34.0	880.73	1257.72		
BL3	T5	R2	0.7559	0.6486	0.6333	23.50	3.48	4.20	6.13	1.23	1.23	84.0	991.54	1193.37		
BL3	T6	R2	0.7385	0.5995	0.5857	23.80	3.52	4.00	5.96	1.15	1.41	69.0	1147.61	1337.30		
BL3	T7	R2	0.7044	0.5709	0.6020	24.48	3.67	3.80	6.32	1.09	1.61	23.0	1102.84	1332.07		
BL3	T8	R2	0.6663	0.6710	0.6970	24.53	3.68	4.10	6.21	1.73	1.86	23.0	1066.96	1460.22		

Anno: Y09

Blocco	Tesi	Raccolta	PesoUvaPia	PesoGrapM	PesoGermM	PesoLegnoM	IndFertil	IndRavaz	SPADgiu	SPADlug	SPADago
BL1	T1	R1	1256.67	134.41	105.64	841.67	1.13	1.51	42.71	41.40	44.52
BL1	T2	R1	783.33	83.96	89.79	781.67	1.04	1.02	42.16	44.08	44.29
BL1	T3	R1	1105.00	127.30	95.83	728.34	1.11	1.55	42.15	45.79	45.24
BL1	T4	R1	666.67	75.83	98.94	828.34	1.00	0.83	44.20	45.42	46.06
BL1	T5	R1	1571.67	146.66	63.37	650.00	1.08	2.72	40.44	42.87	42.63
BL1	T6	R1	1113.33	117.31	66.72	828.34	0.76	1.33	43.60	43.81	44.56
BL1	T7	R1	1698.33	166.09	74.70	881.67	0.95	1.96	38.32	44.34	44.26
BL1	T8	R1	838.33	76.54	61.80	790.00	0.89	1.06	41.24	43.33	46.16
BL2	T1	R1	1298.33	170.11	129.82	778.34	1.17	1.76	43.08	43.84	44.73
BL2	T2	R1	750.00	99.98	89.71	805.00	0.88	0.93	43.03	44.44	45.97
BL2	T3	R1	646.67	127.43	94.44	865.00	0.54	0.77	37.78	45.71	43.60
BL2	T4	R1	668.33	80.33	83.66	716.67	0.98	0.94	43.05	43.94	46.88
BL2	T5	R1	1495.00	154.25	84.84	916.67	0.84	1.64	41.66	44.25	42.61
BL2	T6	R1	966.67	110.73	64.47	743.34	0.83	1.33	42.48	45.78	47.07
BL2	T7	R1	1618.33	128.03	67.58	933.00	0.87	1.66	42.64	47.33	44.70
BL2	T8	R1	775.00	59.42	65.39	791.67	1.04	0.98	40.78	45.74	45.22
BL3	T1	R1	1360.00	140.65	109.37	1036.67	1.02	1.35	41.88	43.92	42.30
BL3	T2	R1	858.33	109.90	79.93	755.00	0.84	1.18	41.82	43.92	45.25
BL3	T3	R1	948.33	115.75	111.64	856.67	1.03	1.13	41.84	43.88	41.84
BL3	T4	R1	640.00	95.69	125.46	981.67	0.84	0.74	43.82	41.88	44.72
BL3	T5	R1	2381.67	165.61	64.99	746.67	1.25	3.25	40.82	45.38	41.92
BL3	T6	R1	995.00	87.96	56.31	680.00	0.95	1.52	41.83	43.76	43.19
BL3	T7	R1	1498.33	136.03	78.28	945.00	0.85	1.61	39.95	44.02	43.47
BL3	T8	R1	1260.00	110.80	83.06	941.67	1.00	1.34	42.19	46.61	47.45
BL1	T1	R2	876.67	134.38	107.05	846.67	0.82	1.04	43.45	44.84	41.82
BL1	T2	R2	783.33	82.78	111.61	856.67	1.21	0.92	44.58	46.87	41.94
BL1	T3	R2	698.33	106.07	124.56	953.34	0.84	0.77	44.40	44.00	43.03
BL1	T4	R2	526.67	59.23	86.57	746.67	0.99	0.70	44.31	45.67	43.62
BL1	T5	R2	1676.67	128.09	64.76	800.00	1.05	2.16	42.33	44.38	40.88
BL1	T6	R2	1006.67	107.56	82.26	910.00	0.93	1.10	44.39	41.58	40.23
BL1	T7	R2	1916.67	117.22	70.29	835.00	1.37	2.51	41.28	43.87	41.98
BL1	T8	R2	826.67	65.77	63.71	730.00	1.09	1.14	41.96	44.13	45.66
BL2	T1	R2	1293.33	146.18	94.69	853.34	1.10	1.64	42.08	44.34	42.43
BL2	T2	R2	563.33	107.49	88.13	738.34	0.71	0.80	44.91	45.92	44.88
BL2	T3	R2	745.00	110.15	109.65	895.00	0.86	0.79	42.60	46.65	41.81
BL2	T4	R2	488.33	73.75	111.46	866.67	0.86	0.62	43.95	45.66	45.04
BL2	T5	R2	1790.00	130.98	78.72	960.00	1.10	2.02	41.09	41.91	42.19
BL2	T6	R2	806.67	84.62	73.06	753.34	0.94	1.25	41.68	45.33	44.26
BL2	T7	R2	1226.67	99.47	80.61	925.00	1.15	1.36	41.61	46.63	42.39
BL2	T8	R2	868.33	68.12	66.57	771.67	1.11	1.15	42.63	45.63	45.41
BL3	T1	R2	1135.00	153.50	131.14	1060.00	0.90	1.06	42.52	42.09	43.39
BL3	T2	R2	538.33	73.44	96.96	758.34	0.92	0.71	43.78	46.16	41.93
BL3	T3	R2	981.67	104.97	90.55	795.00	1.05	1.39	41.93	40.98	44.41
BL3	T4	R2	510.00	69.83	108.11	988.34	0.83	0.51	42.67	43.18	44.27
BL3	T5	R2	1715.00	154.70	51.75	613.34	0.96	2.88	42.38	44.16	42.12
BL3	T6	R2	1185.00	106.91	81.48	955.00	0.94	1.20	41.25	42.95	42.64
BL3	T7	R2	1495.00	111.38	79.95	1000.00	1.08	1.47	43.95	42.77	39.39
BL3	T8	R2	490.00	57.36	63.95	808.34	0.74	0.64	41.88	44.48	43.88

Blocco	Tesi	Raccolta	NDVigiu	NDVilug	NDVIago	Brix	pH	AcTot	AcTartarico	AcMalico	Potassio	APA	AntocTot	PolifTot
BL1	T1	R1	0.7673	0.7557	0.7522	22.86	3.49	4.70	6.20	2.36	1.90	69.5	683.12	1142.08
BL1	T2	R1	0.6828	0.6773	0.6929	23.70	3.61	4.20	5.97	2.16	2.06	51.5	907.29	1235.97
BL1	T3	R1	0.7619	0.7207	0.7209	22.42	3.38	4.85	6.62	1.73	1.60	73.0	863.95	1212.37
BL1	T4	R1	0.7438	0.7231	0.7178	22.70	3.45	4.45	6.33	1.97	1.73	64.0	878.65	1287.99
BL1	T5	R1	0.7412	0.7310	0.7465	23.10	3.50	4.60	6.29	2.23	1.86	66.5	645.69	1068.55
BL1	T6	R1	0.7471	0.7168	0.7552	22.77	3.48	4.75	6.22	2.66	1.99	69.0	627.27	1051.69
BL1	T7	R1	0.7283	0.7489	0.6887	22.14	3.34	5.10	6.68	2.09	1.57	68.0	892.75	1293.52
BL1	T8	R1	0.7214	0.7287	0.6985	22.76	3.36	4.85	6.61	1.87	1.65	61.5	898.02	1256.79
BL2	T1	R1	0.7420	0.7256	0.6869	22.94	3.49	4.85	6.47	2.46	1.98	103.5	909.59	1186.85
BL2	T2	R1	0.7249	0.7298	0.6861	23.44	3.51	4.80	6.29	2.43	1.93	102.5	908.29	1164.44
BL2	T3	R1	0.7258	0.7523	0.7462	22.66	3.50	4.65	6.48	2.18	1.95	72.0	969.05	1156.87
BL2	T4	R1	0.7288	0.7371	0.7552	22.53	3.57	4.30	6.08	2.19	2.03	62.0	989.40	1267.30
BL2	T5	R1	0.7595	0.7274	0.7365	22.55	3.53	4.70	6.47	2.19	1.98	88.5	912.34	1170.89
BL2	T6	R1	0.7525	0.7440	0.6584	23.00	3.55	4.75	6.33	2.47	2.01	83.5	759.19	1153.20
BL2	T7	R1	0.7299	0.6820	0.6664	22.14	3.48	4.60	6.22	2.33	1.90	62.0	984.46	1181.84
BL2	T8	R1	0.7295	0.7229	0.7078	22.48	3.51	4.70	6.48	1.96	1.81	89.5	983.19	1300.36
BL3	T1	R1	0.7852	0.7319	0.6826	22.68	3.57	4.80	6.31	2.22	1.88	113.5	979.10	1236.13
BL3	T2	R1	0.7302	0.7084	0.7089	22.91	3.64	4.60	6.03	2.65	2.36	73.5	748.96	1067.08
BL3	T3	R1	0.7431	0.7517	0.7230	22.48	3.50	4.75	6.54	1.88	1.75	90.0	1016.08	1218.74
BL3	T4	R1	0.7543	0.7708	0.7281	22.68	3.52	4.40	6.24	2.05	1.82	81.0	958.13	1217.42
BL3	T5	R1	0.7546	0.7871	0.6604	22.10	3.45	5.05	6.64	1.88	1.62	109.5	941.54	1221.17
BL3	T6	R1	0.7669	0.7344	0.7179	22.86	3.52	4.65	6.45	1.97	1.81	93.0	1073.90	1308.69
BL3	T7	R1	0.7423	0.7491	0.7557	22.00	3.47	4.85	6.39	2.11	1.77	91.0	910.79	1207.16
BL3	T8	R1	0.7207	0.7561	0.7169	22.16	3.55	4.70	6.31	2.37	2.06	70.5	856.70	1113.05
BL1	T1	R2	0.7520	0.6856	0.7385	22.95	3.46	4.70	6.06	2.26	1.72	54.5	507.33	981.39
BL1	T2	R2	0.6173	0.6384	0.6336	24.47	3.70	4.15	6.19	1.85	1.88	10.0	533.04	939.94
BL1	T3	R2	0.6820	0.7058	0.6642	23.26	3.46	4.35	5.97	1.83	1.44	39.5	730.09	1158.18
BL1	T4	R2	0.6693	0.6974	0.6976	22.65	3.46	4.35	6.22	1.81	1.60	31.5	702.68	1117.33
BL1	T5	R2	0.7468	0.6698	0.6990	23.81	3.51	4.60	6.15	2.00	1.69	43.5	428.27	960.61
BL1	T6	R2	0.7316	0.6679	0.7402	22.86	3.45	4.85	6.15	2.41	1.70	57.5	440.21	980.38
BL1	T7	R2	0.7605	0.6861	0.6842	23.16	3.40	4.50	6.38	1.40	1.32	20.5	641.19	1134.55
BL1	T8	R2	0.7345	0.7022	0.6944	23.67	3.42	4.35	6.16	1.61	1.44	33.5	763.18	1167.93
BL2	T1	R2	0.6999	0.7180	0.6673	24.71	3.63	4.25	5.73	1.94	1.90	50.5	510.50	971.82
BL2	T2	R2	0.6868	0.7156	0.7010	23.52	3.49	4.00	5.36	1.46	1.69	51.0	823.04	1254.37
BL2	T3	R2	0.6916	0.7316	0.7262	24.08	3.64	3.95	5.85	1.61	1.81	45.0	700.65	1111.09
BL2	T4	R2	0.7214	0.7446	0.7249	23.65	3.67	3.75	5.64	1.75	1.90	21.0	661.54	1063.94
BL2	T5	R2	0.7734	0.6727	0.7479	23.51	3.60	4.20	5.92	1.85	1.84	50.0	582.66	1008.20
BL2	T6	R2	0.7020	0.7041	0.6231	23.85	3.56	4.20	5.60	1.89	1.82	51.5	623.50	974.14
BL2	T7	R2	0.7085	0.6769	0.6811	23.51	3.56	4.05	5.63	1.95	1.90	23.0	758.42	1198.26
BL2	T8	R2	0.6569	0.7107	0.6902	23.72	3.54	4.25	6.03	1.65	1.72	56.0	788.16	1090.21
BL3	T1	R2	0.7119	0.7185	0.6700	23.80	3.54	4.10	5.70	1.50	1.79	55.0	896.33	1212.54
BL3	T2	R2	0.7094	0.6774	0.7000	23.86	3.66	3.90	5.37	1.99	2.13	43.0	532.09	747.57
BL3	T3	R2	0.7228	0.6936	0.6853	23.63	3.50	4.25	5.68	1.42	1.70	65.5	765.22	1103.16
BL3	T4	R2	0.7285	0.6963	0.7082	23.55	3.61	3.90	5.50	1.64	2.04	34.5	713.97	1012.24
BL3	T5	R2	0.6888	0.6973	0.6966	22.12	3.51	4.40	5.97	1.79	1.68	78.5	805.16	1089.78
BL3	T6	R2	0.7275	0.6915	0.6734	24.16	3.51	4.20	5.79	1.39	1.69	66.0	895.26	1251.51
BL3	T7	R2	0.7119	0.7088	0.7226	23.40	3.52	4.05	5.60	1.36	1.69	47.5	940.73	1130.42
BL3	T8	R2	0.7333	0.7114	0.6842	23.89	3.66	3.90	5.60	1.78	2.14	40.0	802.17	1046.58

4.2 Boxplot (Donna Olimpia)

4.2.1 Boxplot per Blocco

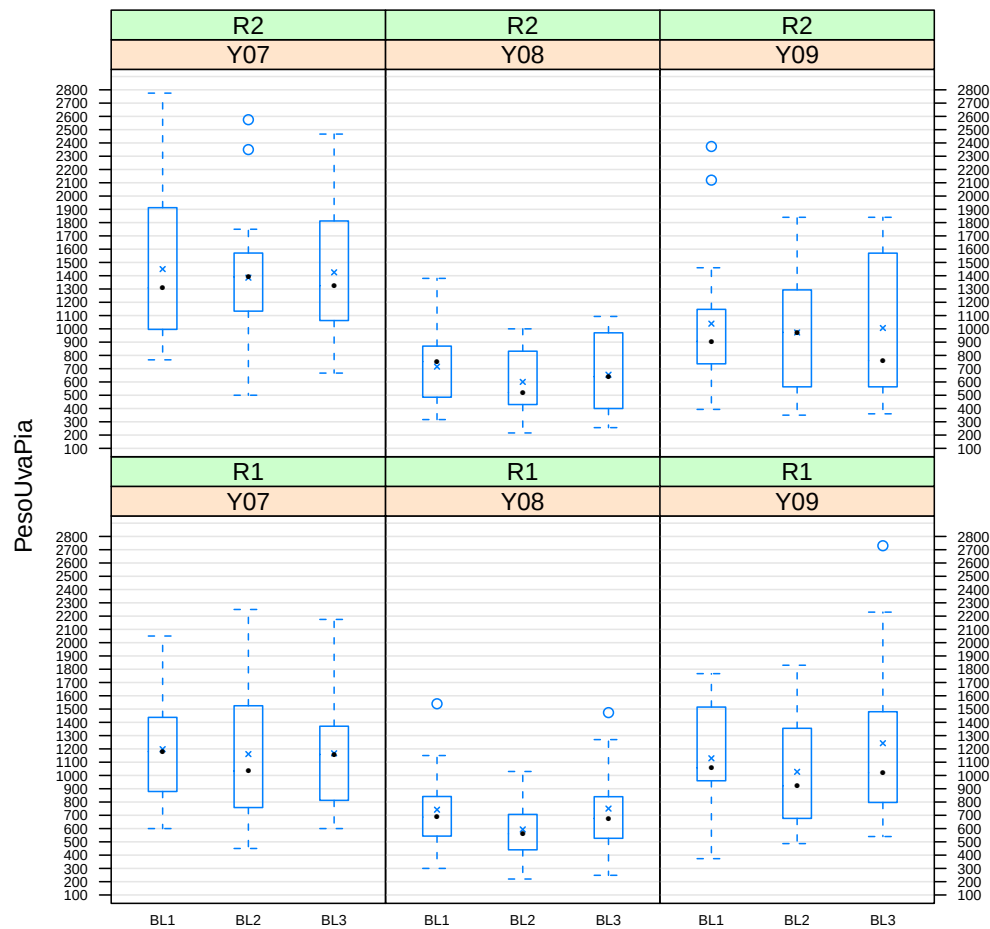


Figura 4.2: Boxplot per Blocco del Peso medio dell’uva per pianta

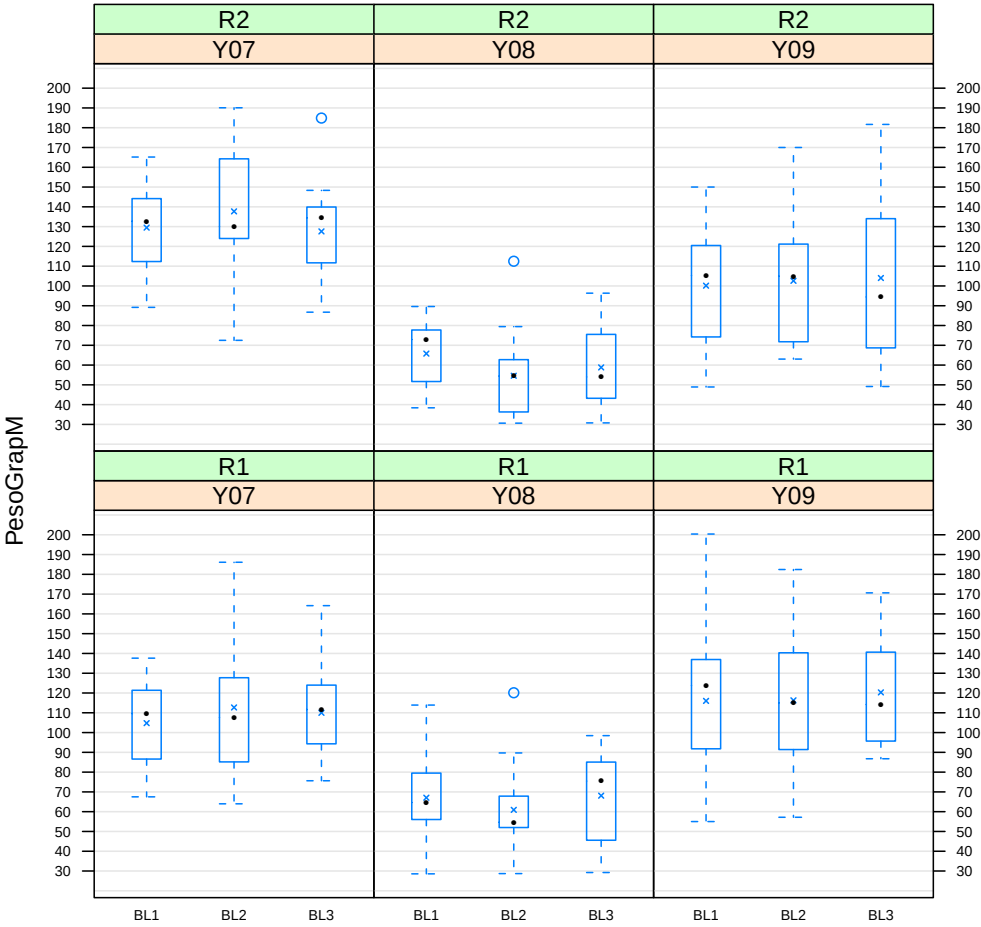


Figura 4.3: Boxplot per Blocco del Peso medio del grappolo

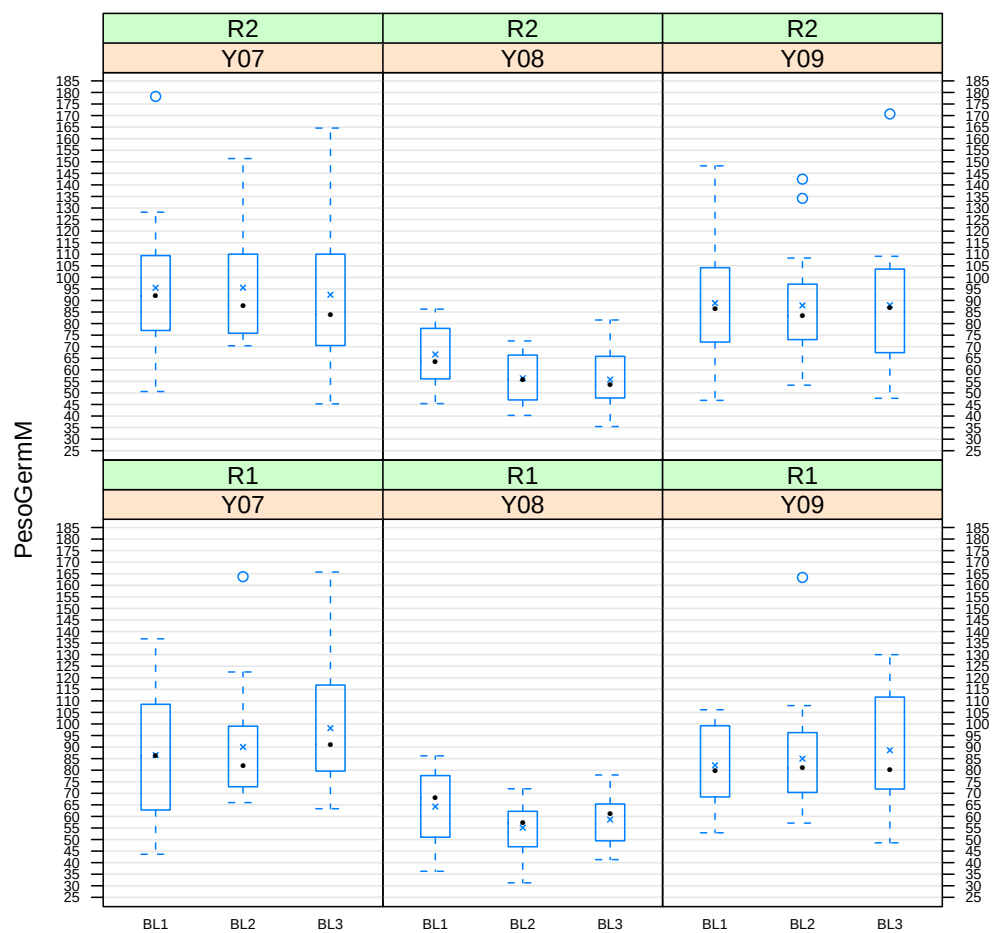


Figura 4.4: Boxplot per Blocco del Peso medio del germoglio

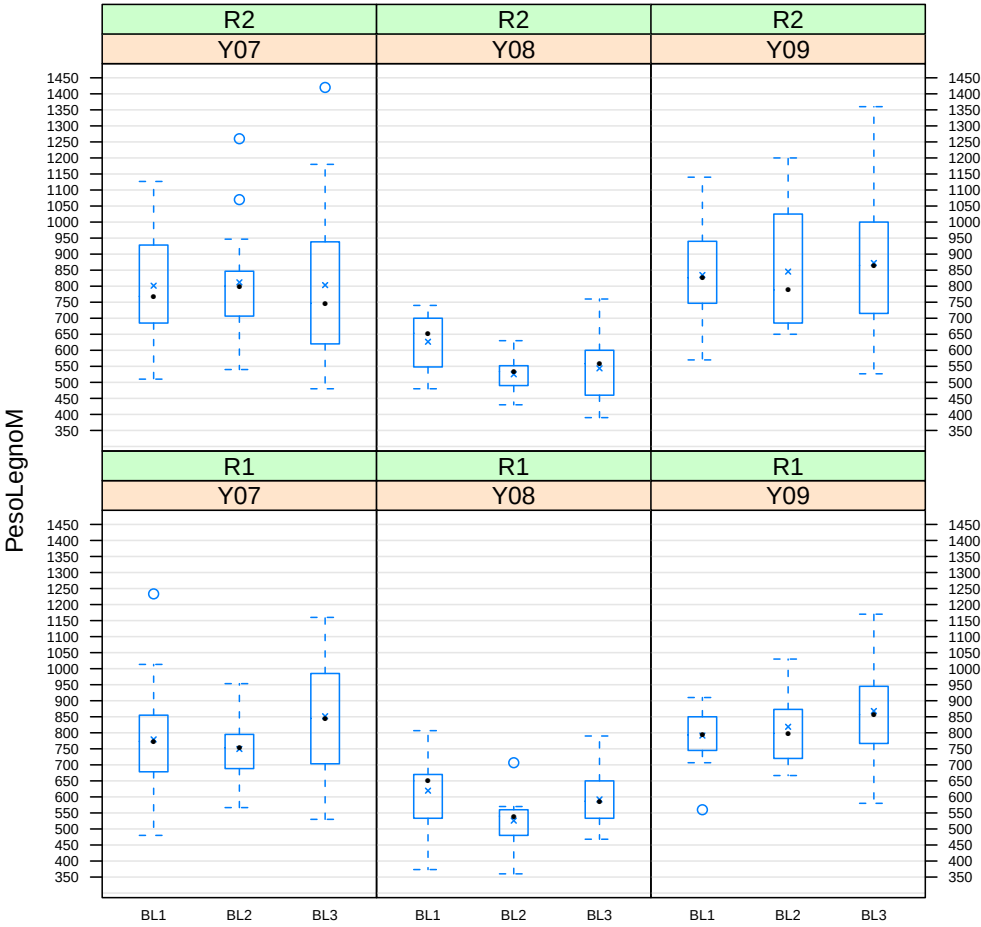


Figura 4.5: Boxplot per Blocco del Peso medio del legno

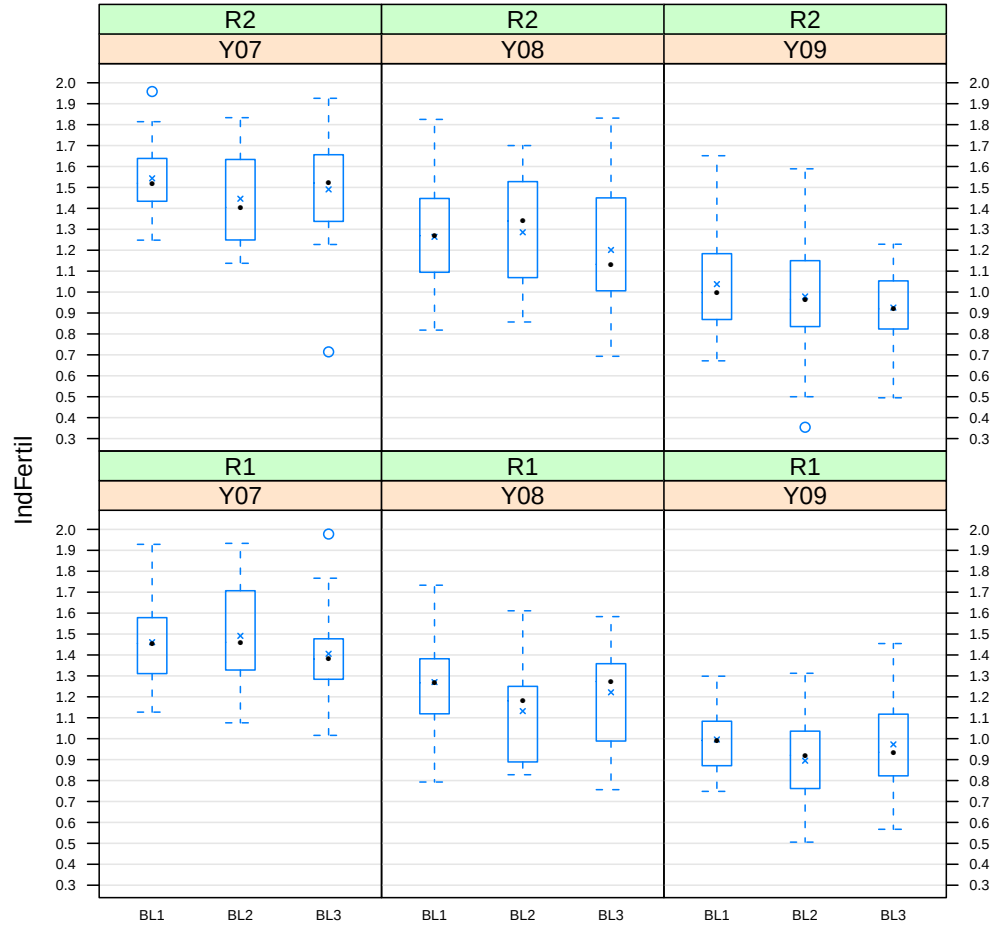


Figura 4.6: Boxplot per Blocco dell'Indice di Fertilità

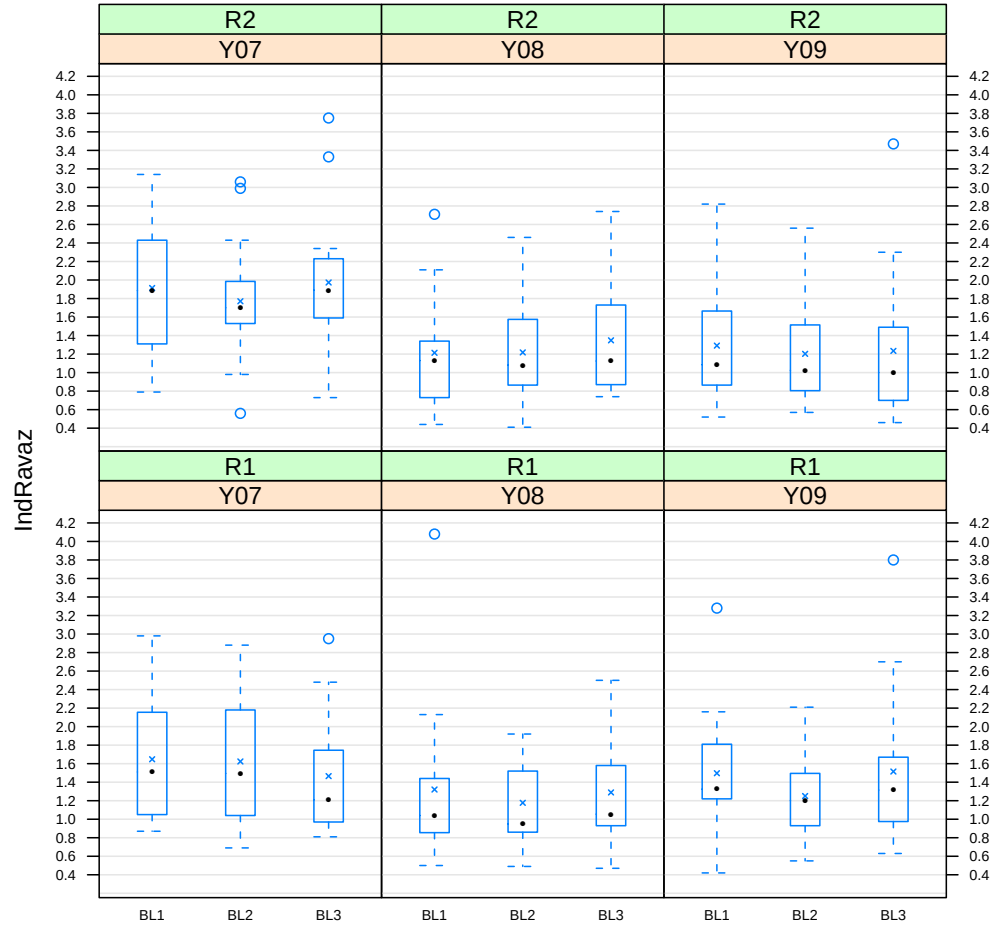


Figura 4.7: Boxplot per Blocco dell'Indice di Ravaz

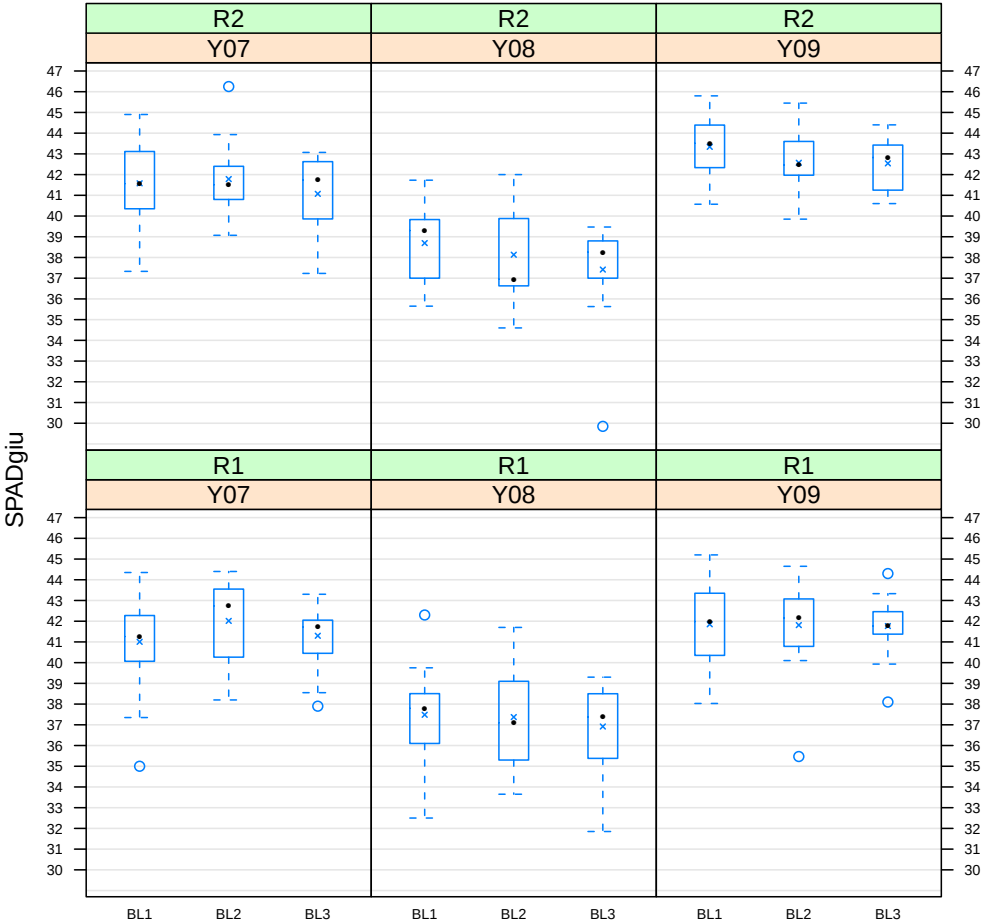


Figura 4.8: Boxplot per Blocco dell'Indice SPAD (giugno)

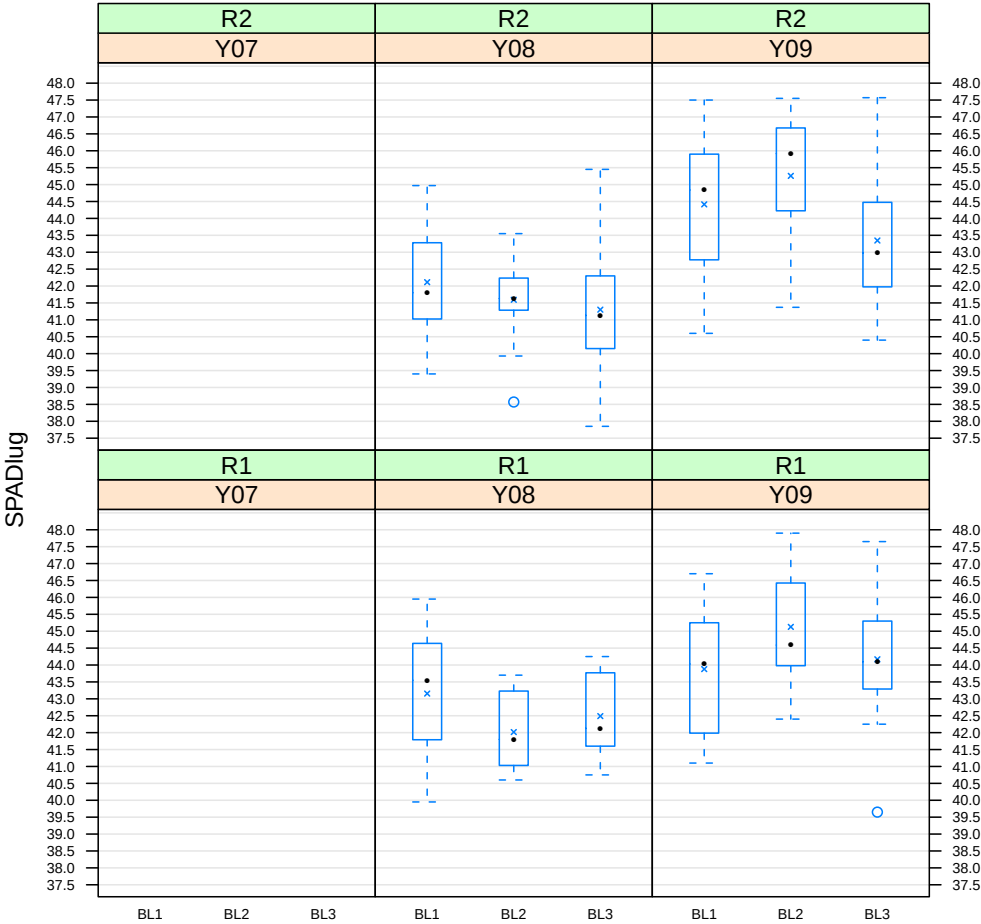


Figura 4.9: Boxplot per Blocco dell'Indice SPAD (luglio)

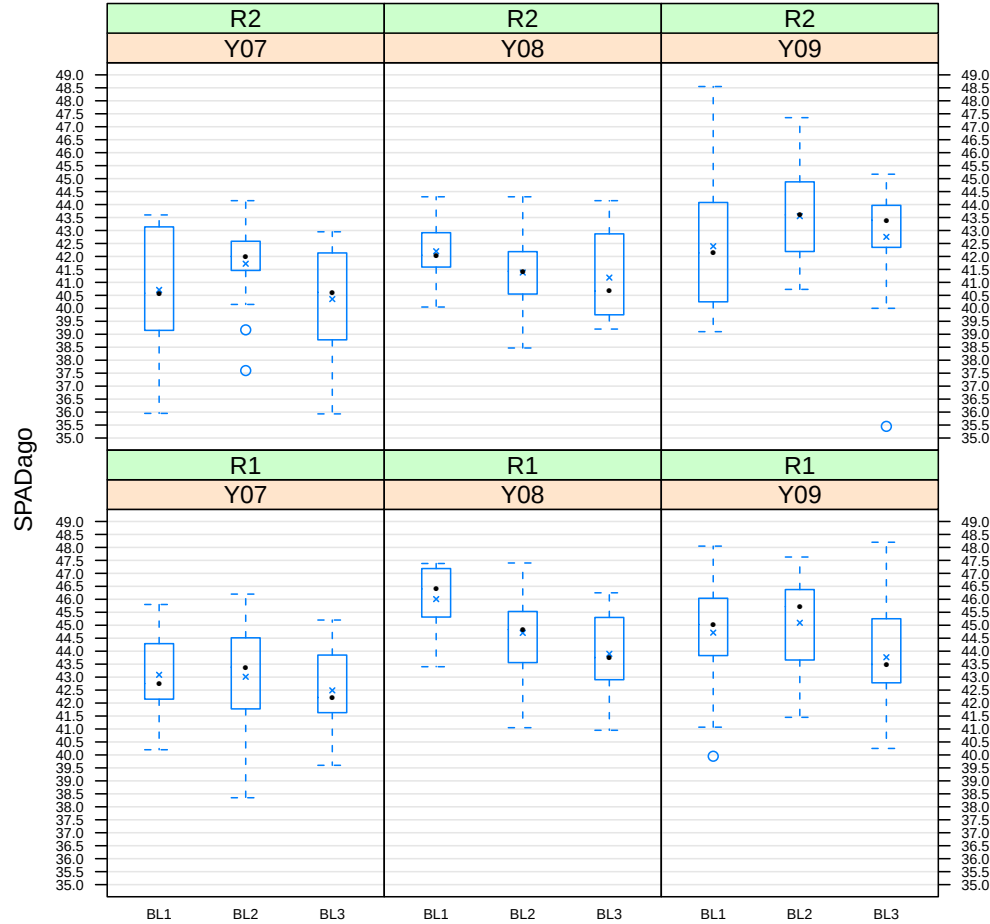


Figura 4.10: Boxplot per Blocco dell'Indice SPAD (agosto)

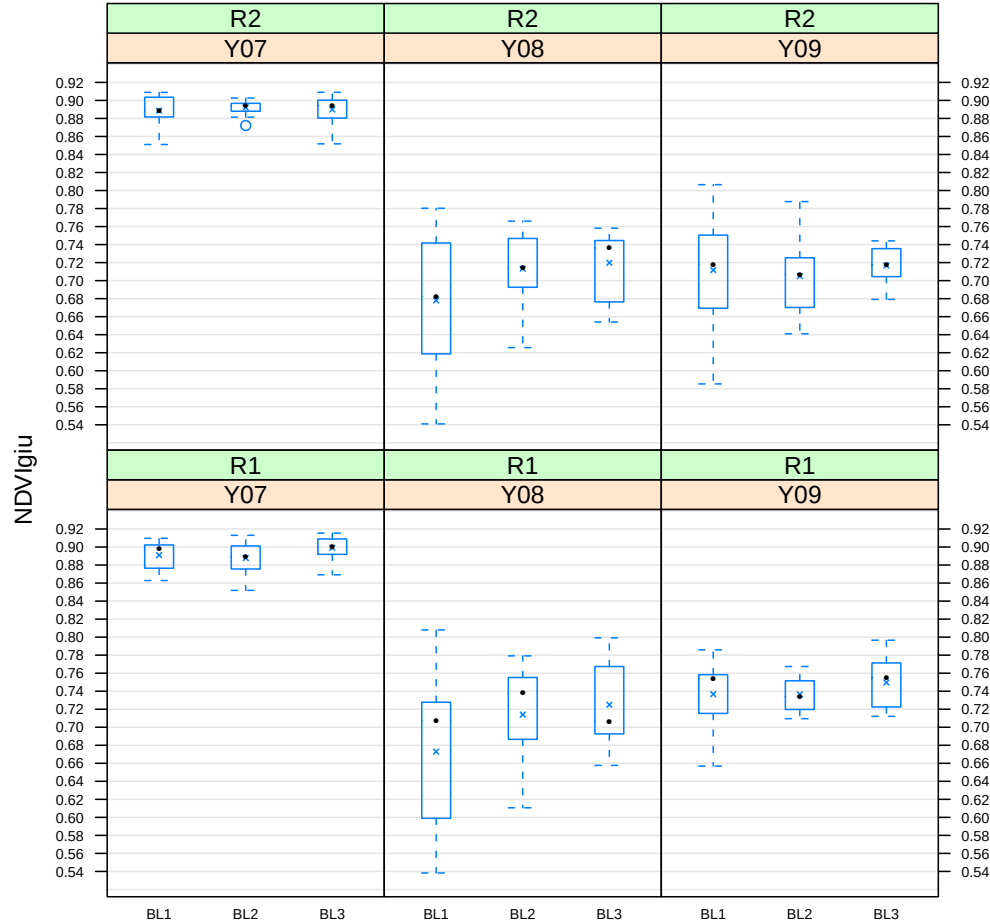


Figura 4.11: Boxplot per Blocco dell'Indice NDVI (giugno)

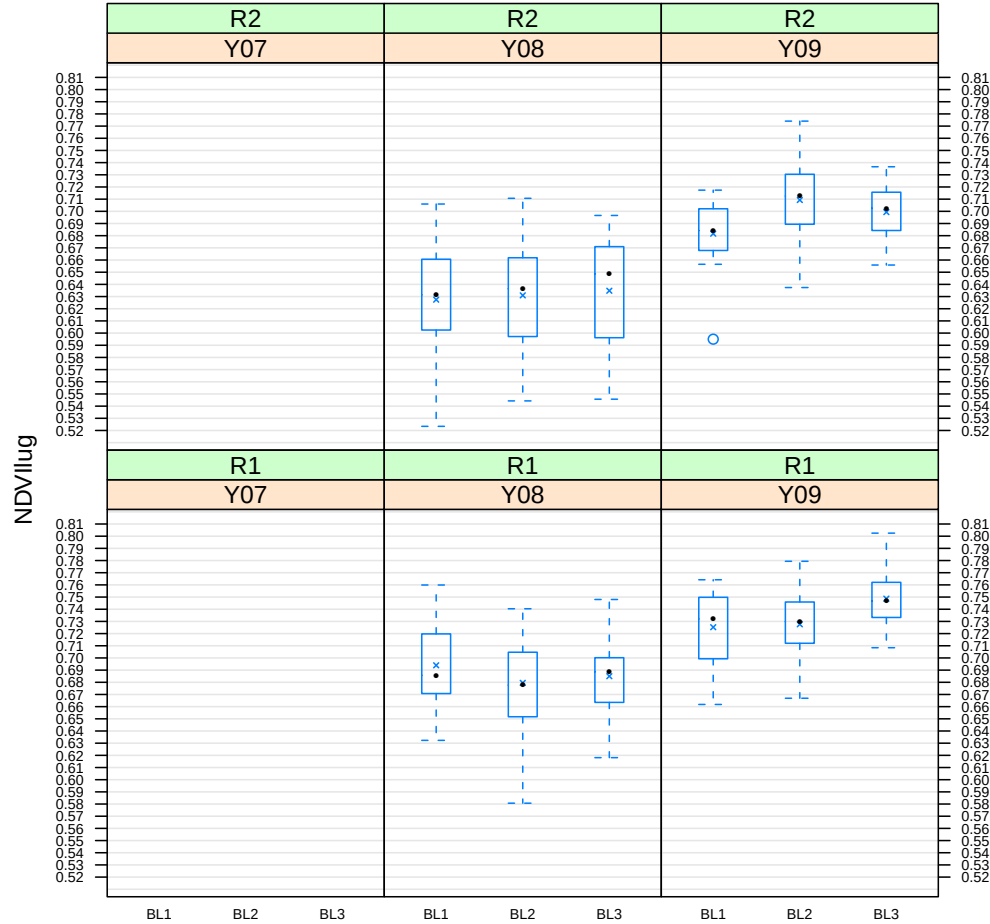


Figura 4.12: Boxplot per Blocco dell'Indice NDVI (luglio)

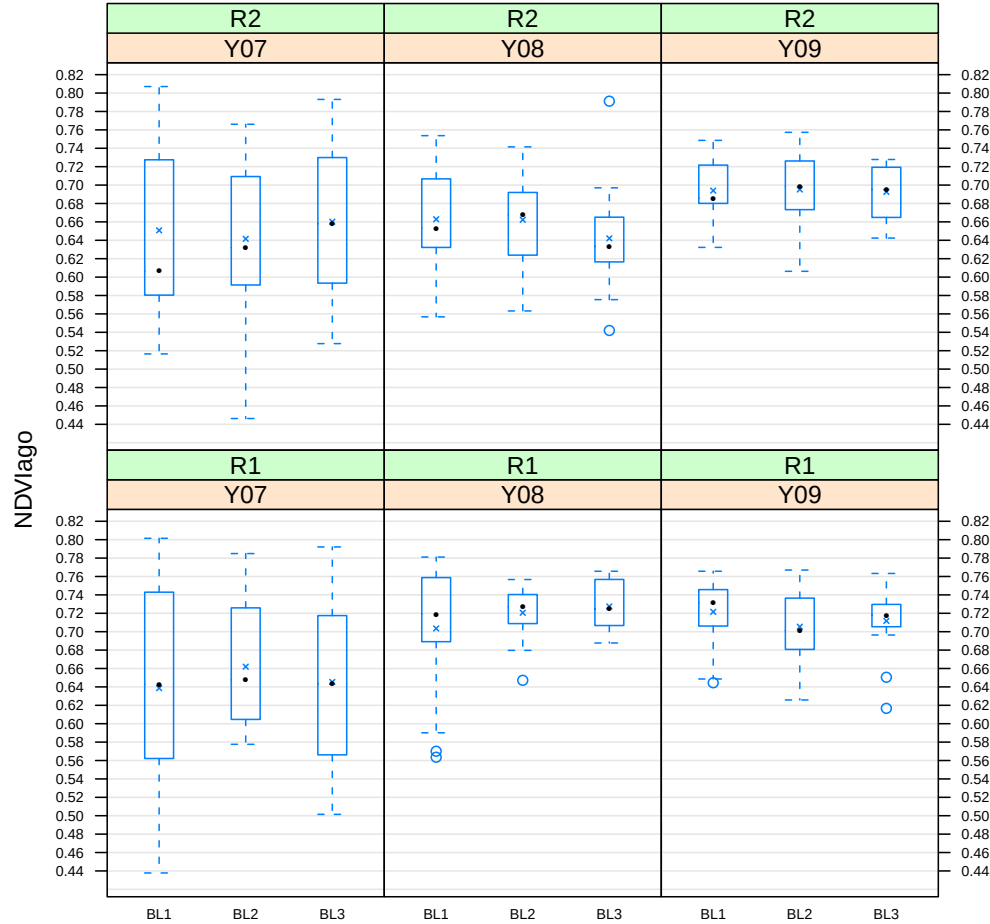


Figura 4.13: Boxplot per Blocco dell'Indice NDVI (agosto)

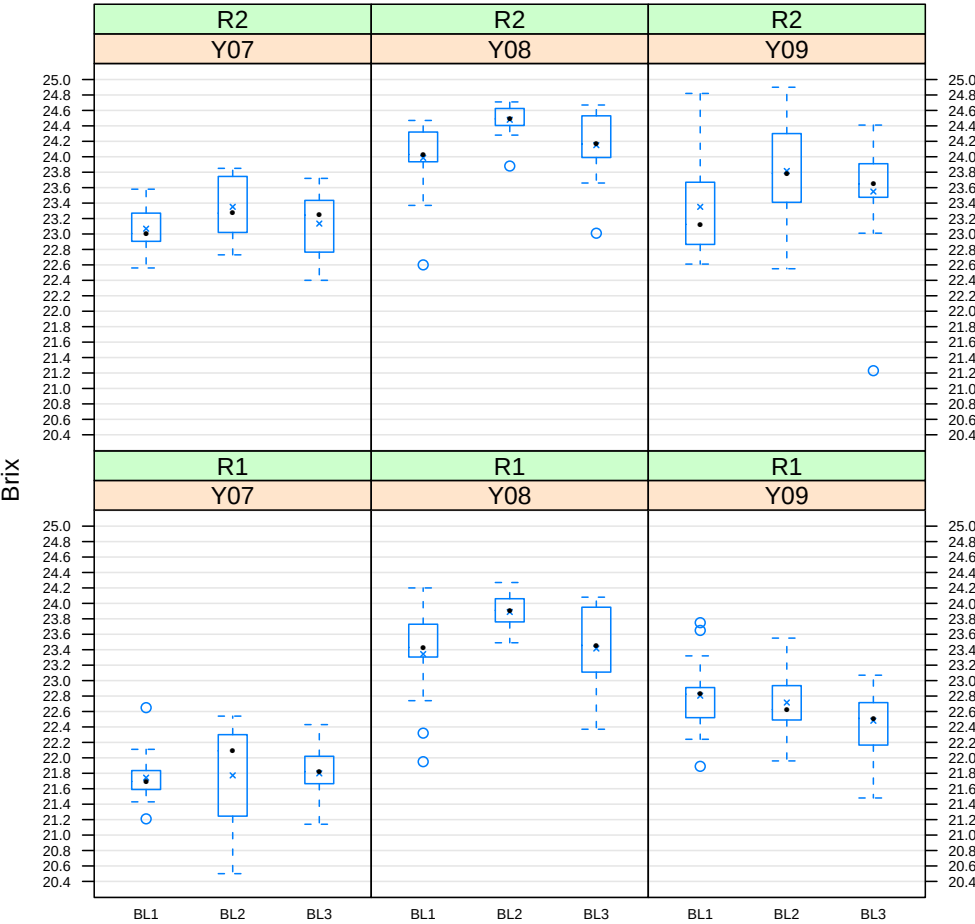


Figura 4.14: Boxplot per Blocco del Brix

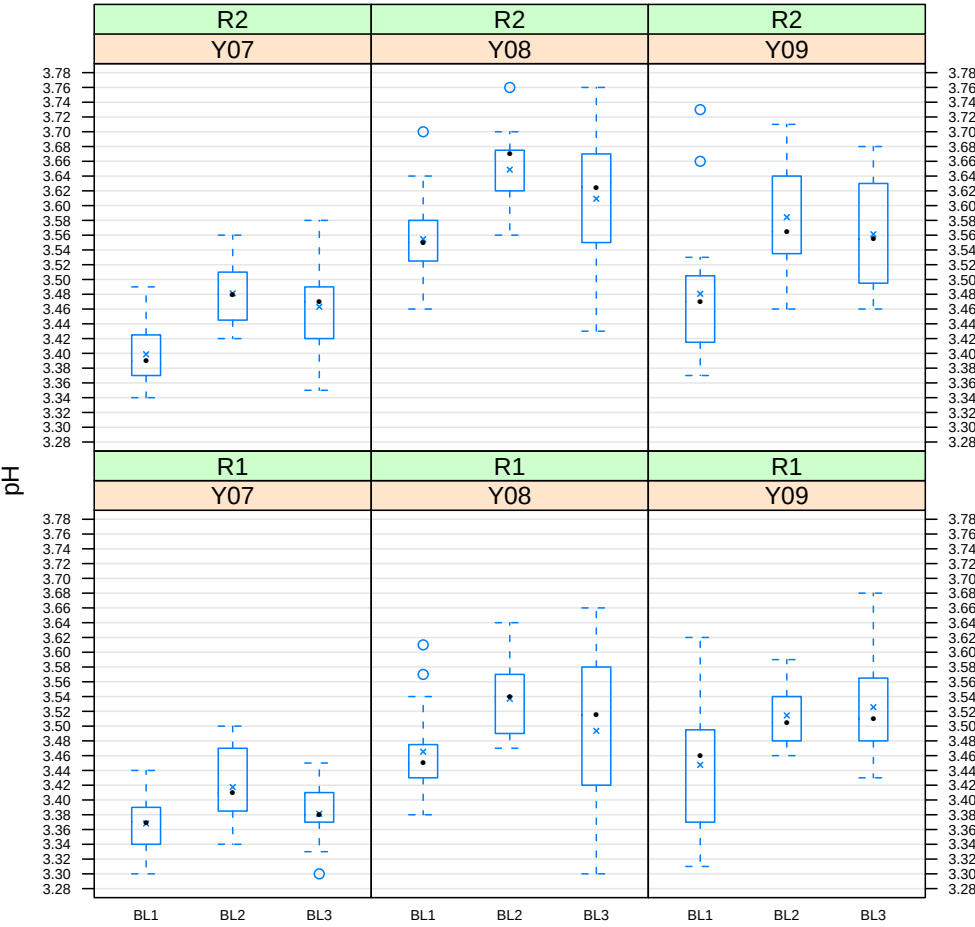


Figura 4.15: Boxplot per Blocco del pH

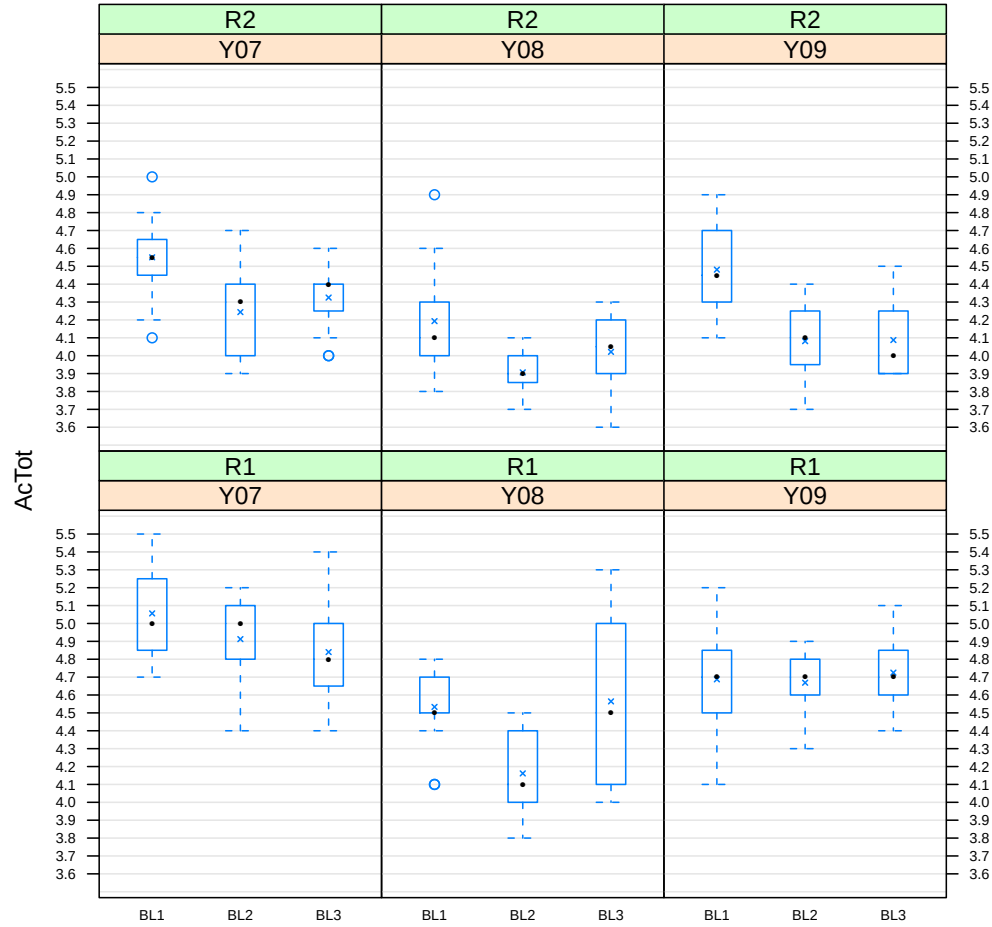


Figura 4.16: Boxplot per Blocco dell'Acidità totale

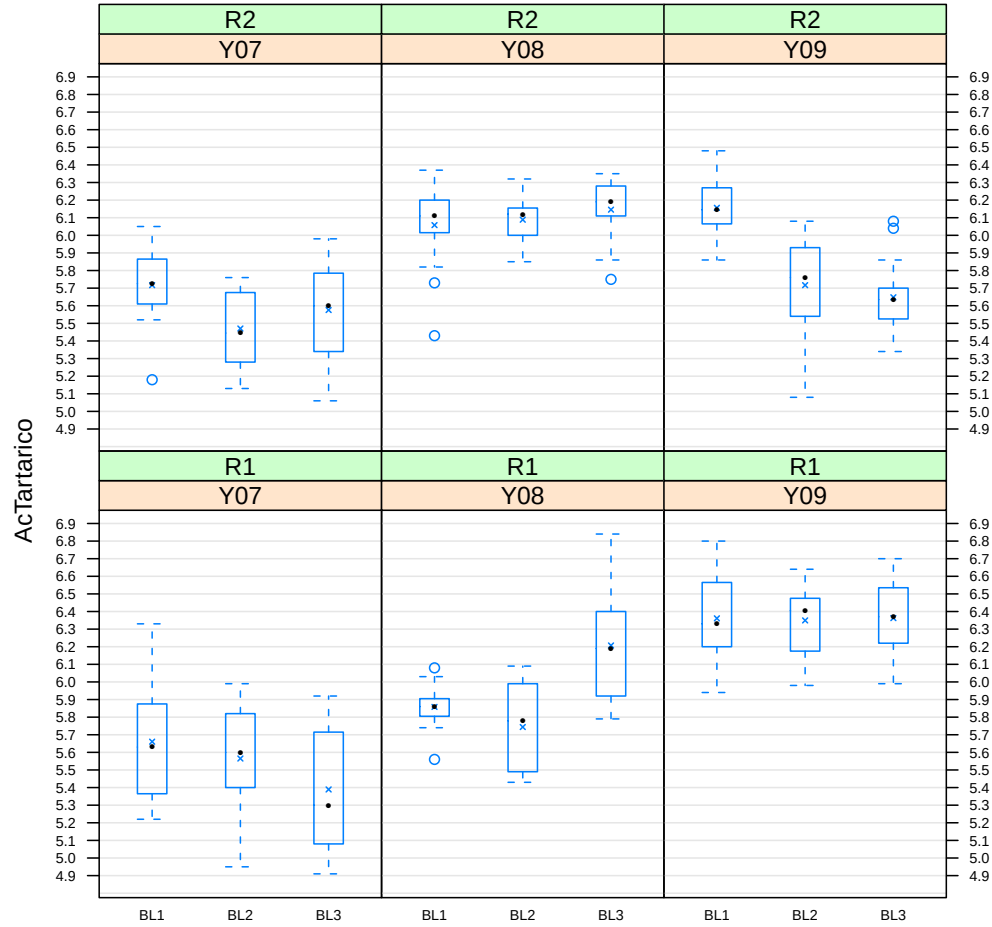


Figura 4.17: Boxplot per Blocco dell'Acido tartarico

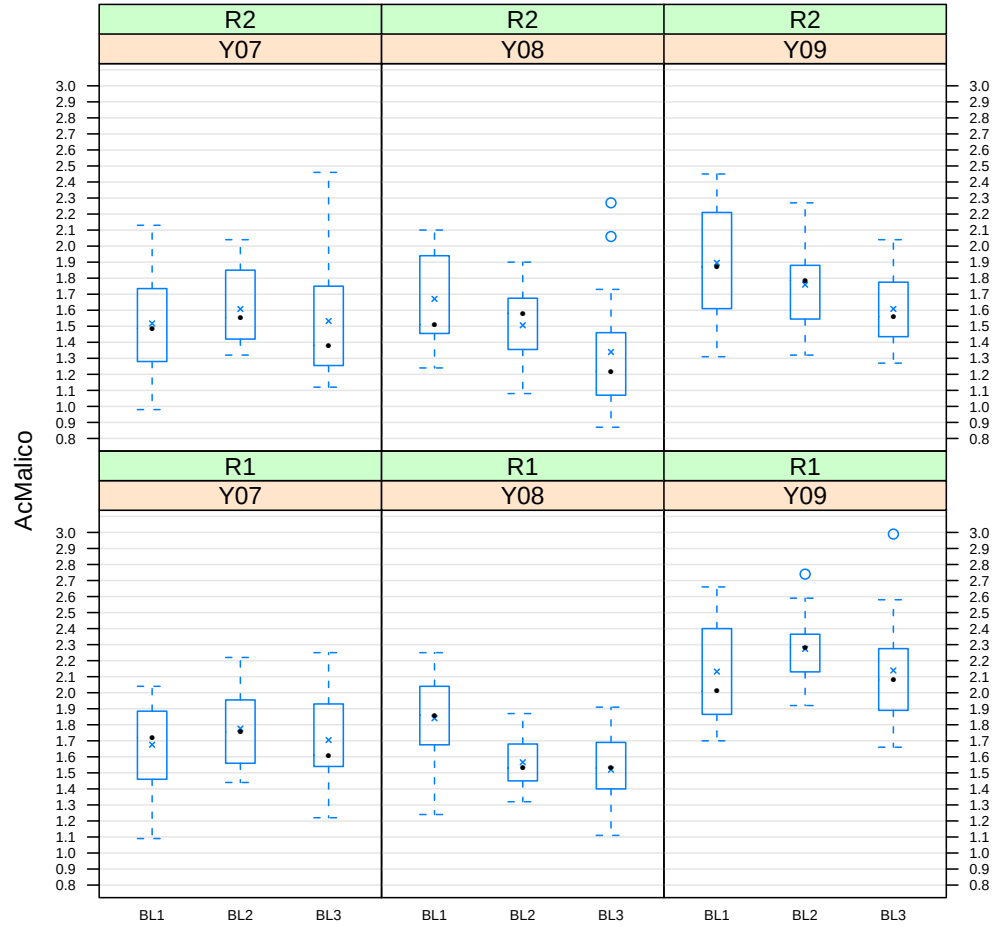


Figura 4.18: Boxplot per Blocco dell'Acido Malico

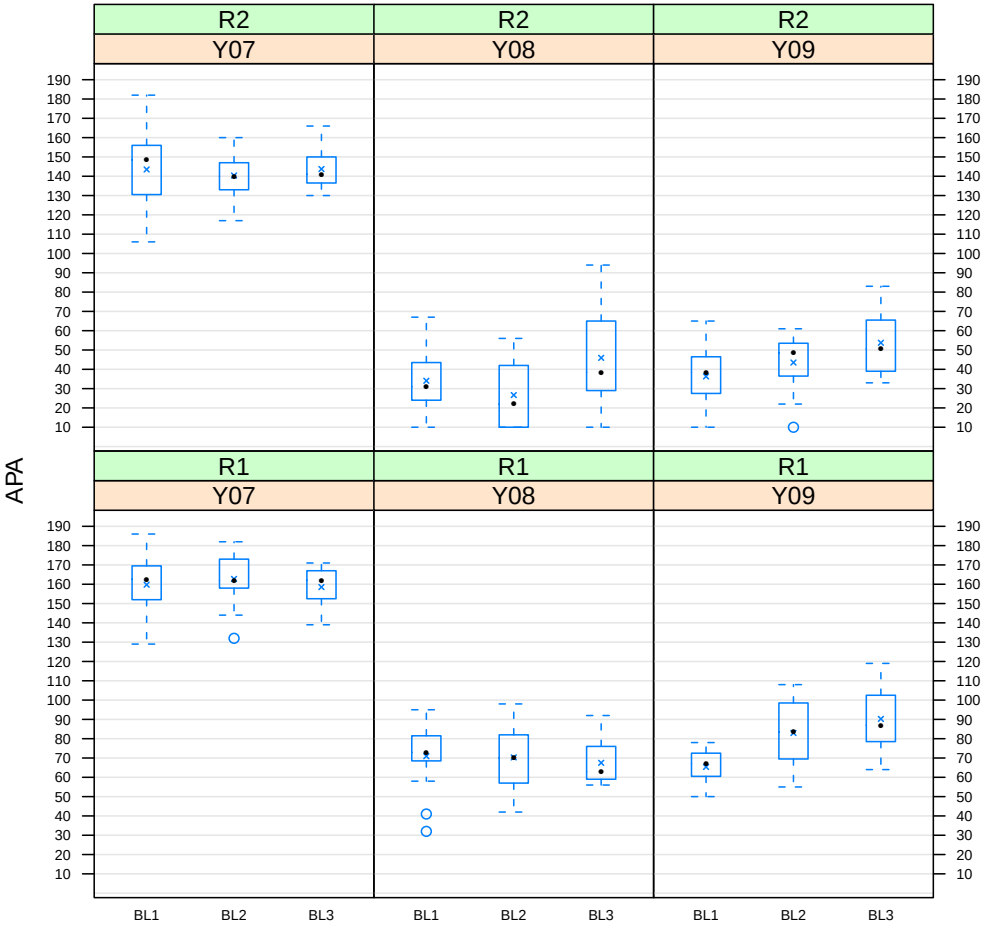


Figura 4.19: Boxplot per Blocco dell’Azoto prontamente assimilabile

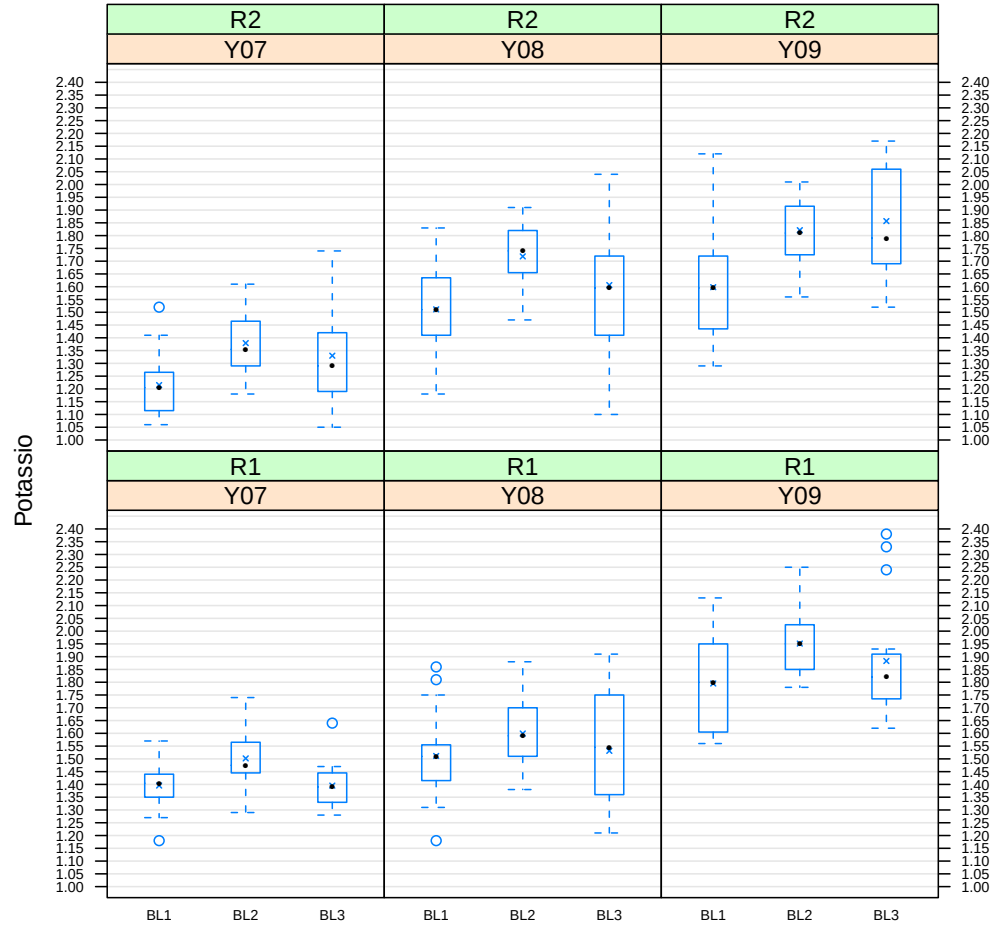


Figura 4.20: Boxplot per Blocco del Potassio

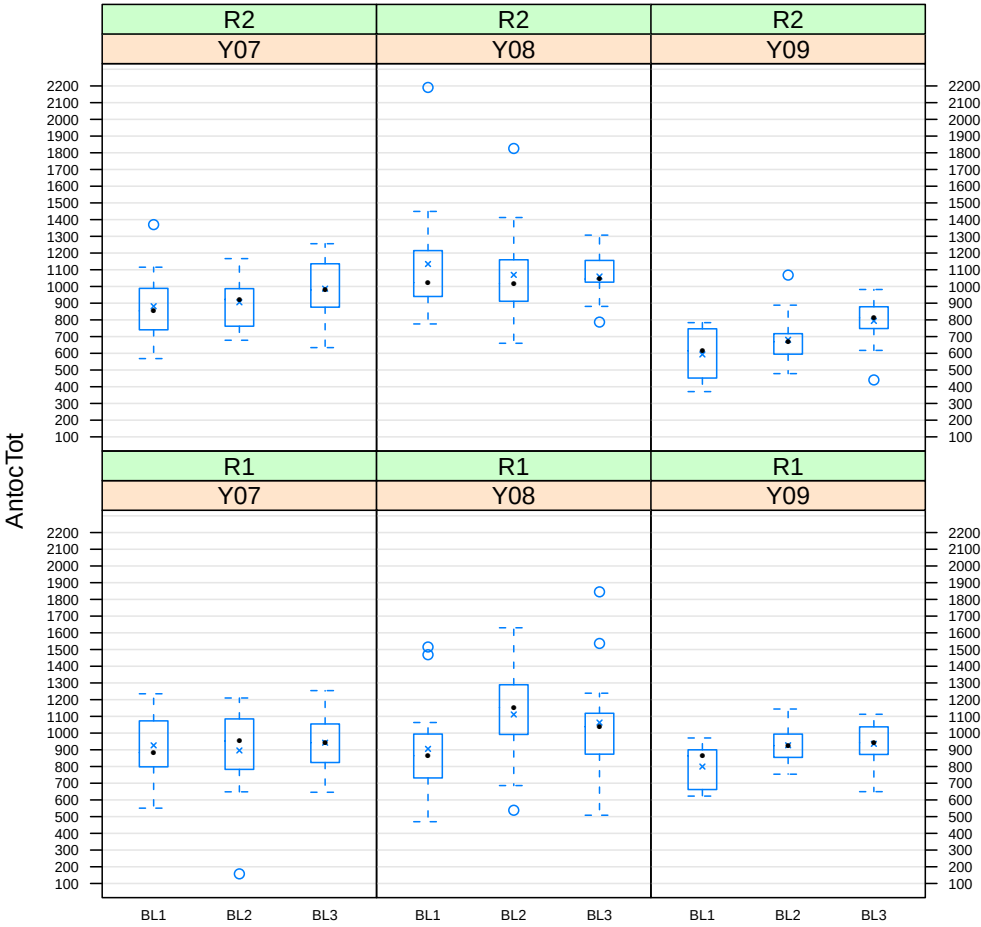


Figura 4.21: Boxplot per Blocco degli Antociani totali

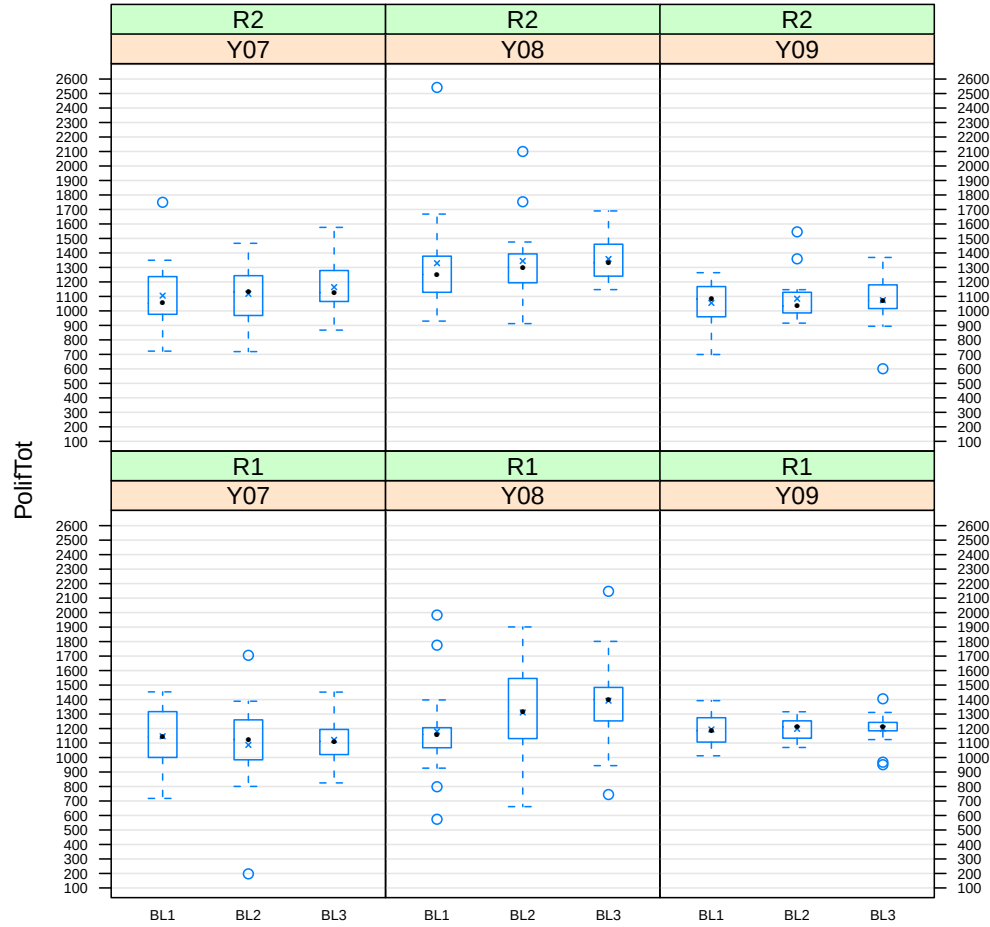


Figura 4.22: Boxplot per Blocco dei Polifenoli totali

4.2.2 Boxplot per Tesi entro Blocco

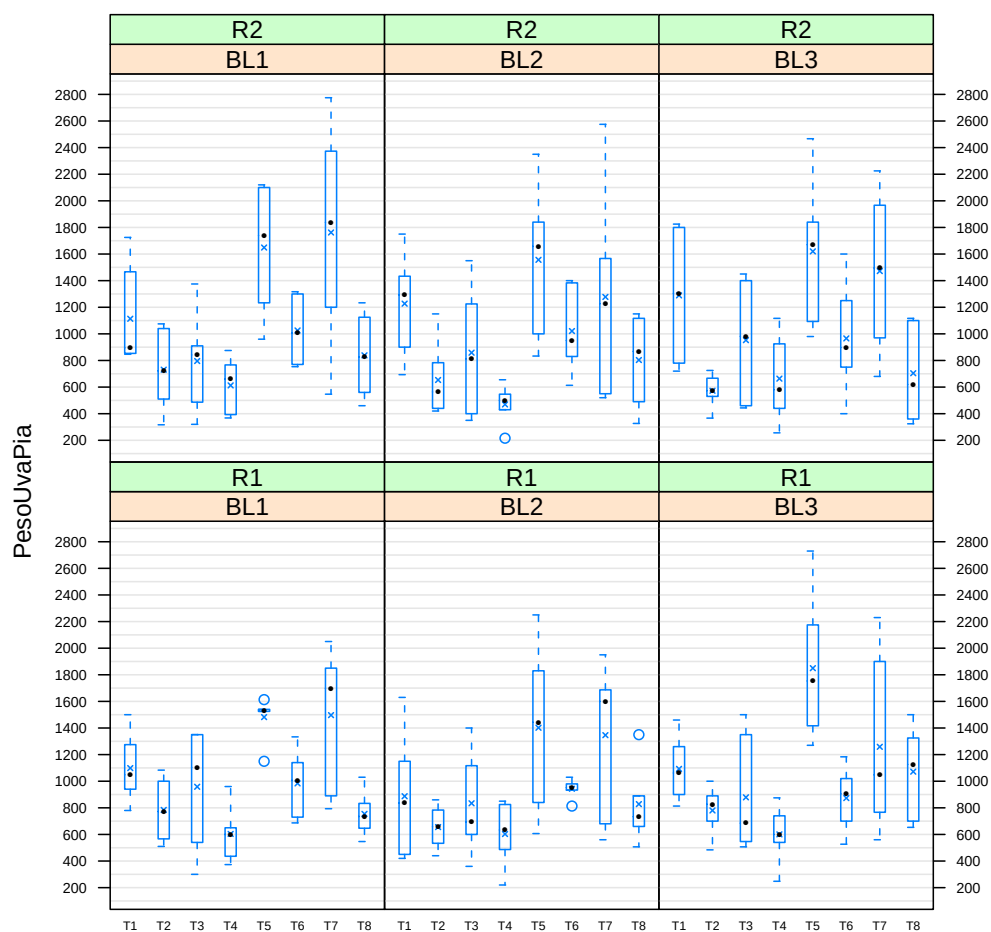


Figura 4.23: Boxplot per Tesi entro Blocco del Peso medio dell'uva per pianta

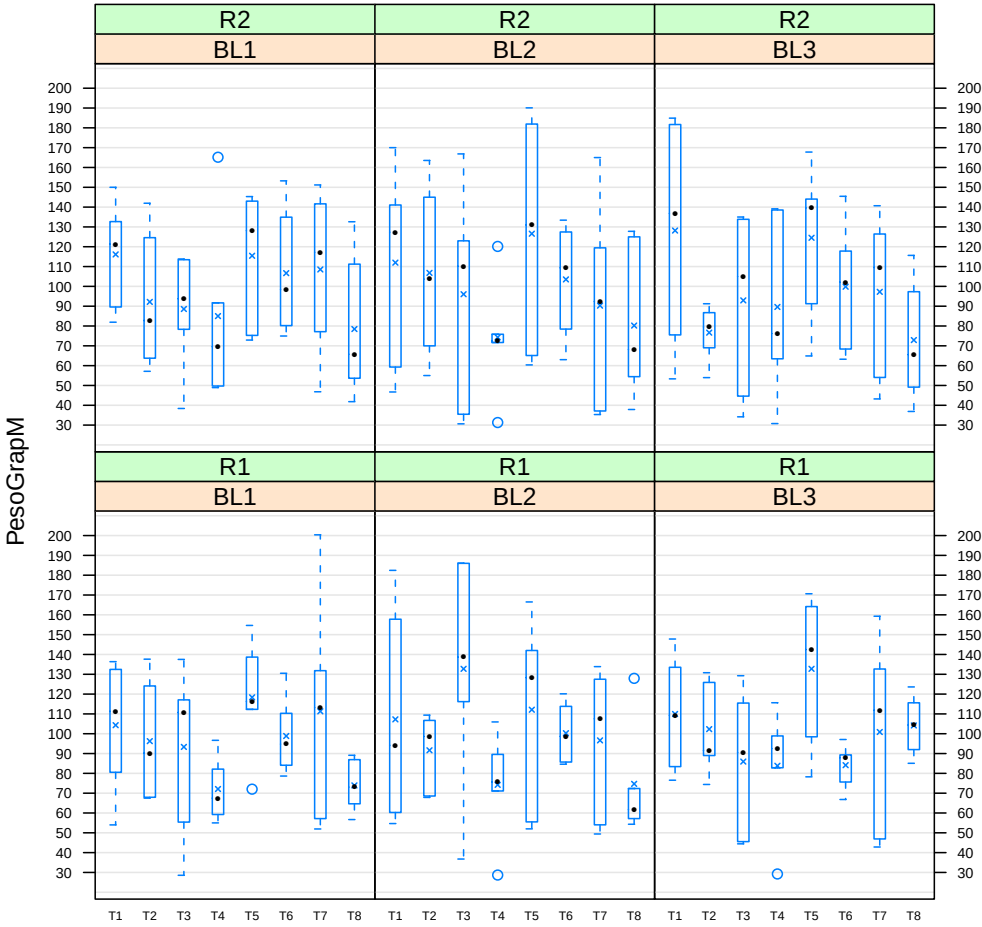


Figura 4.24: Boxplot per Tesi entro Blocco del Peso medio del grappolo

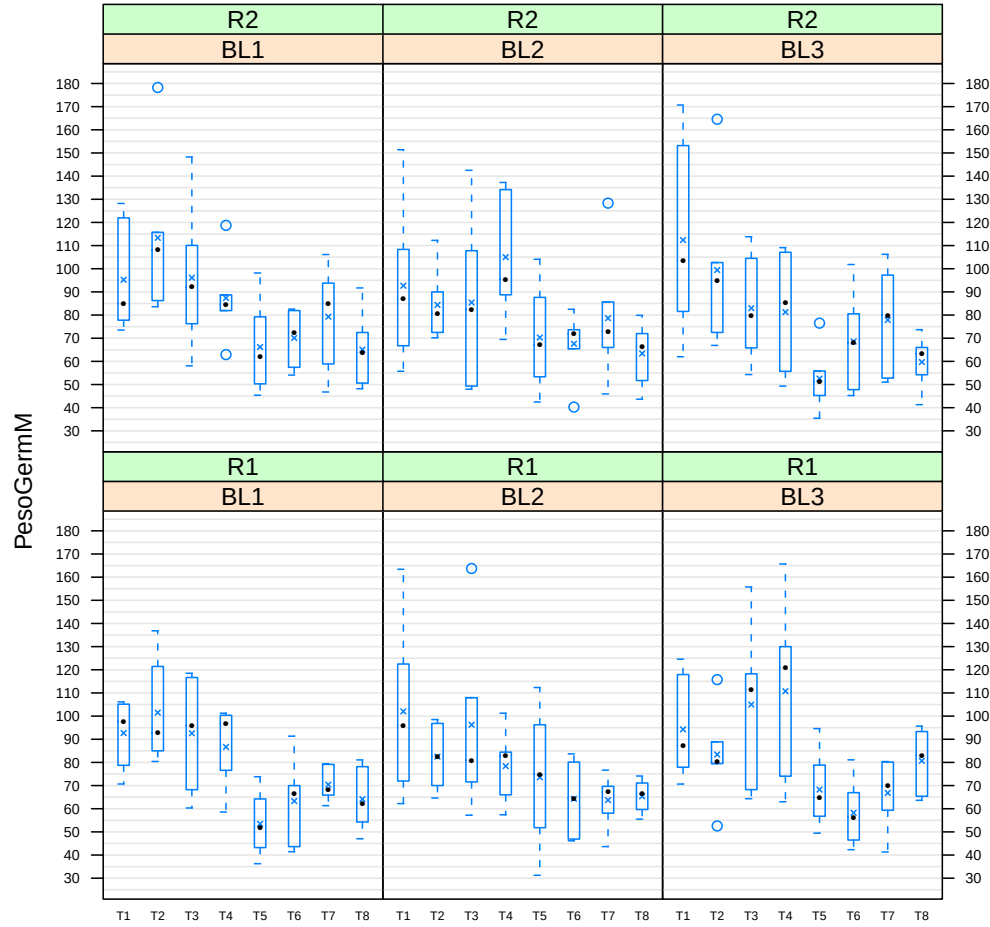


Figura 4.25: Boxplot per Tesi entro Blocco del Peso medio del germoglio

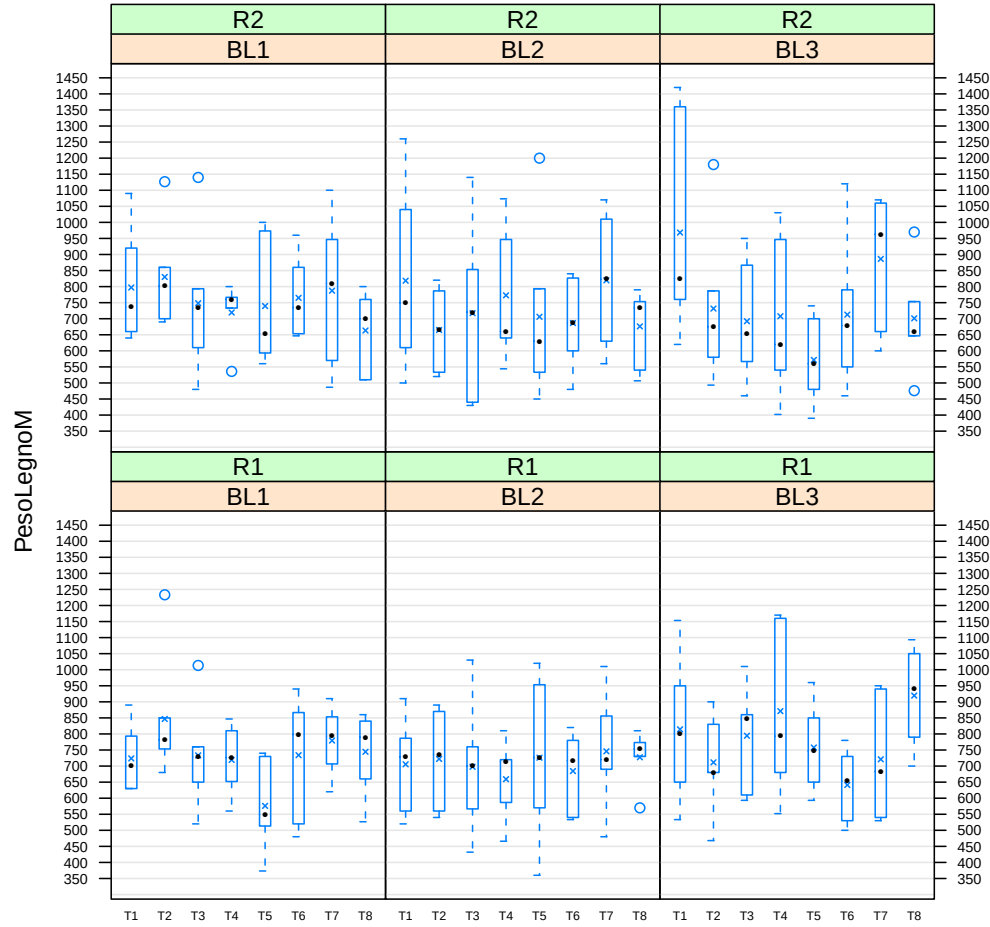


Figura 4.26: Boxplot per Tesi entro Blocco del Peso medio del legno

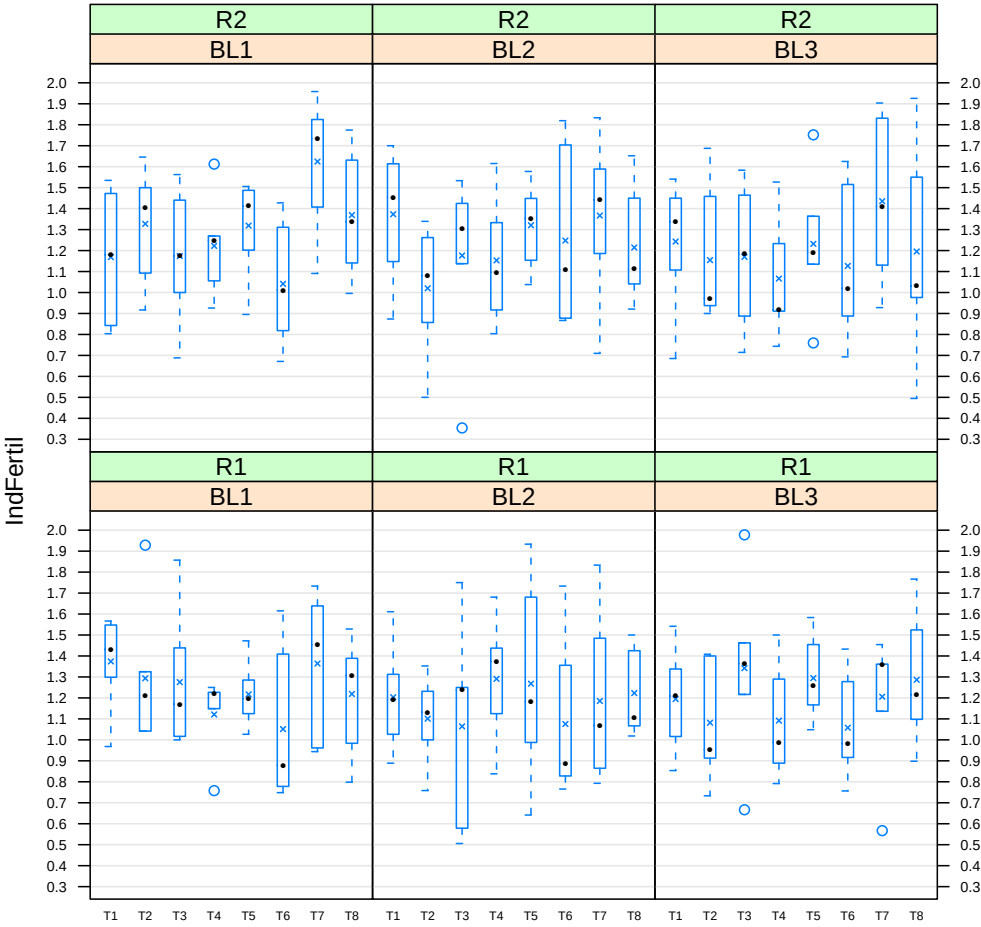


Figura 4.27: Boxplot per Tesi entro Blocco dell'Indice di Fertilità

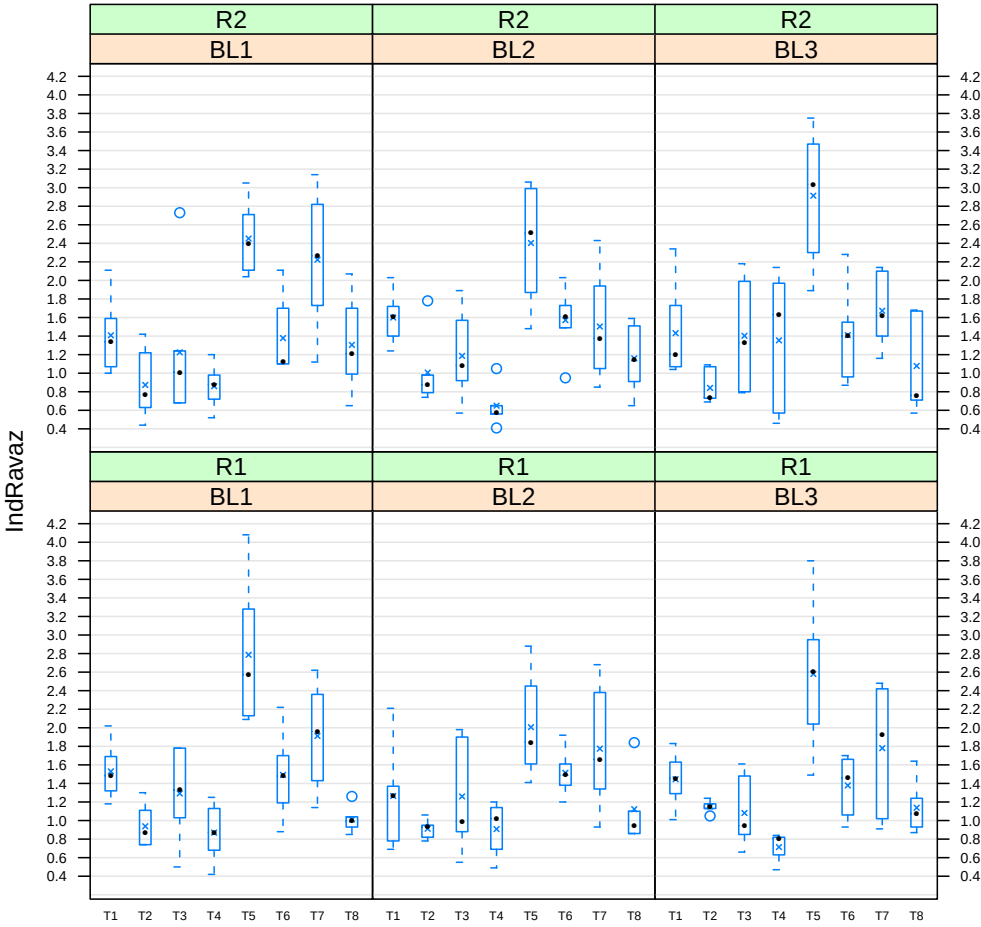


Figura 4.28: Boxplot per Tesi entro Blocco dell'Indice di Ravaz

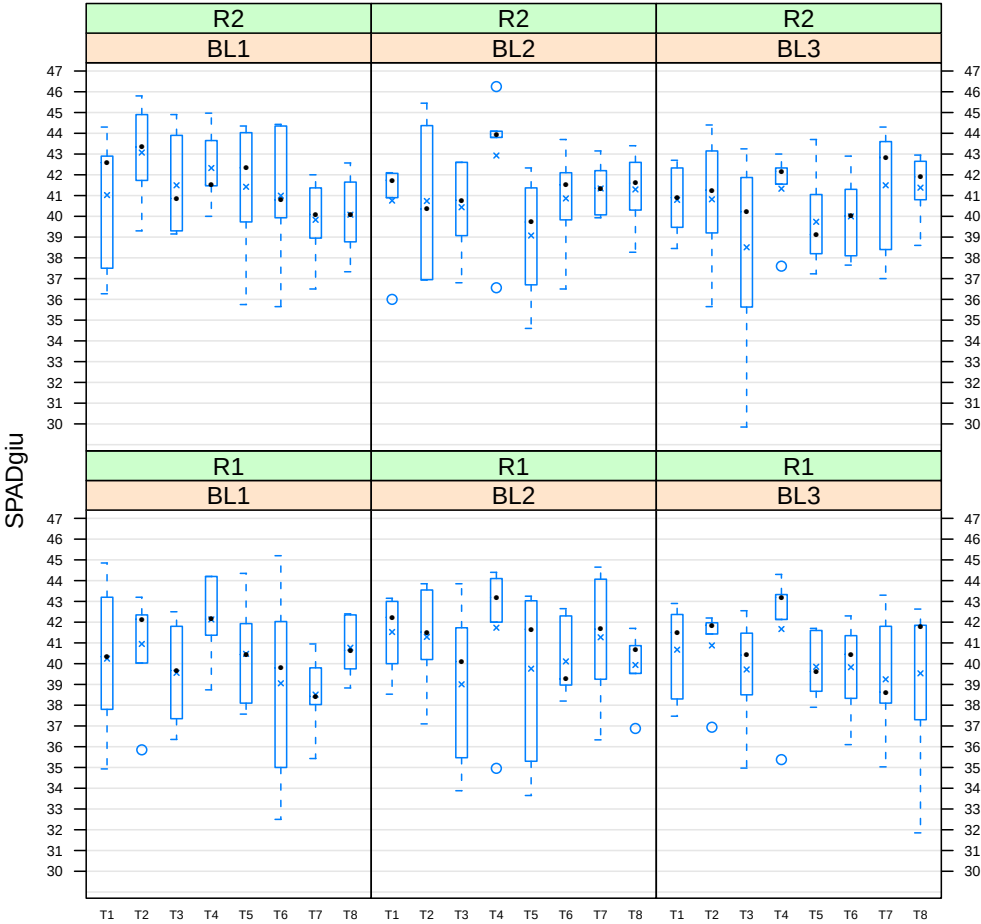


Figura 4.29: Boxplot per Tesi entro Blocco dell'Indice SPAD (giugno)

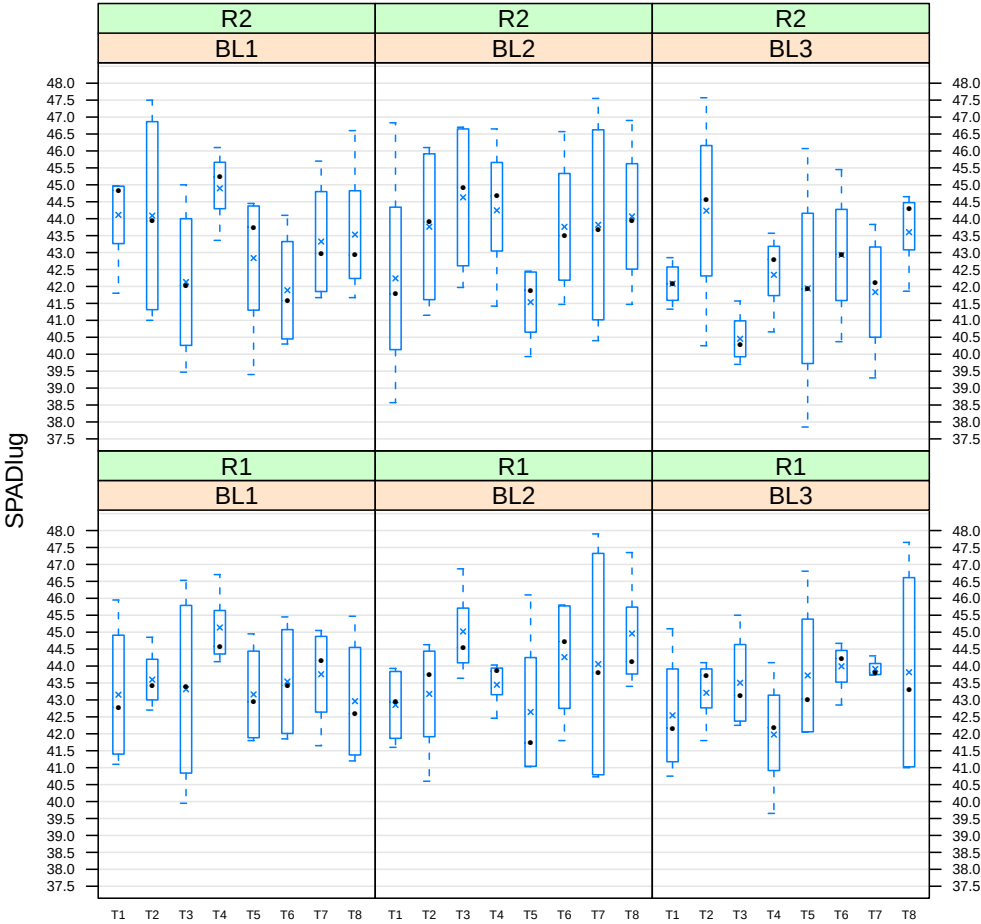


Figura 4.30: Boxplot per Tesi entro Blocco dell'Indice SPAD (luglio)

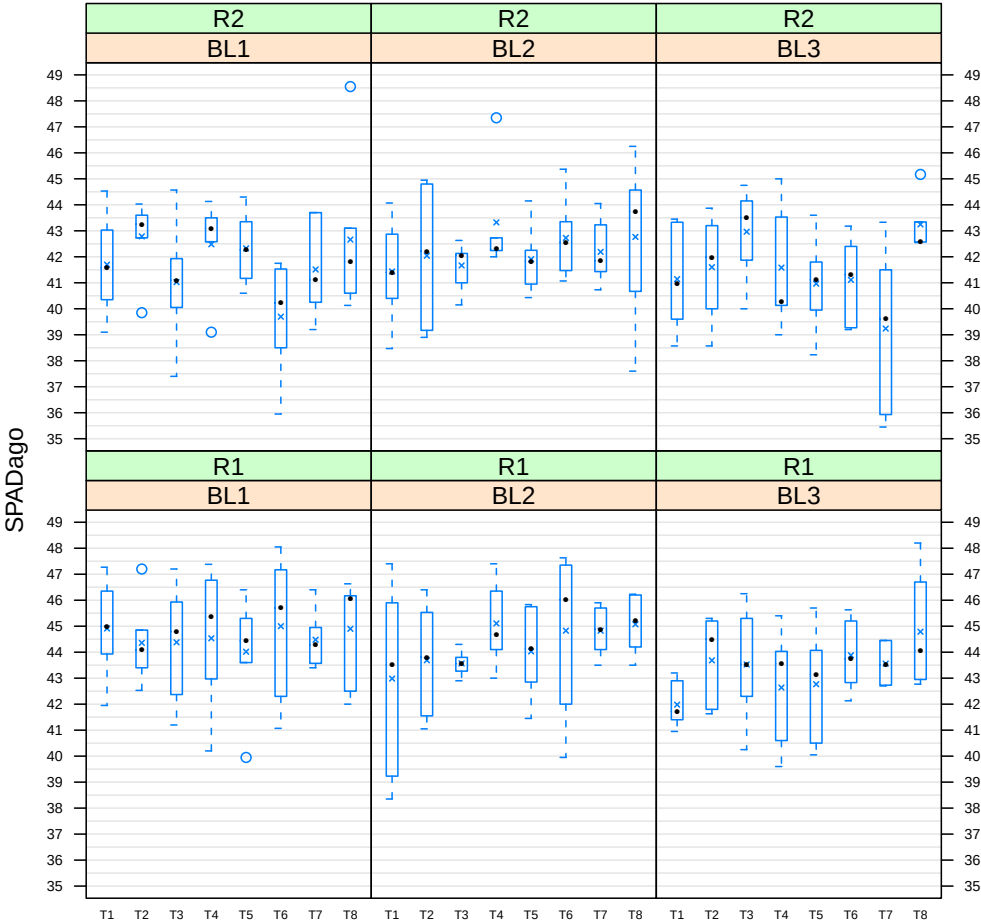


Figura 4.31: Boxplot per Tesi entro Blocco dell'Indice SPAD (agosto)

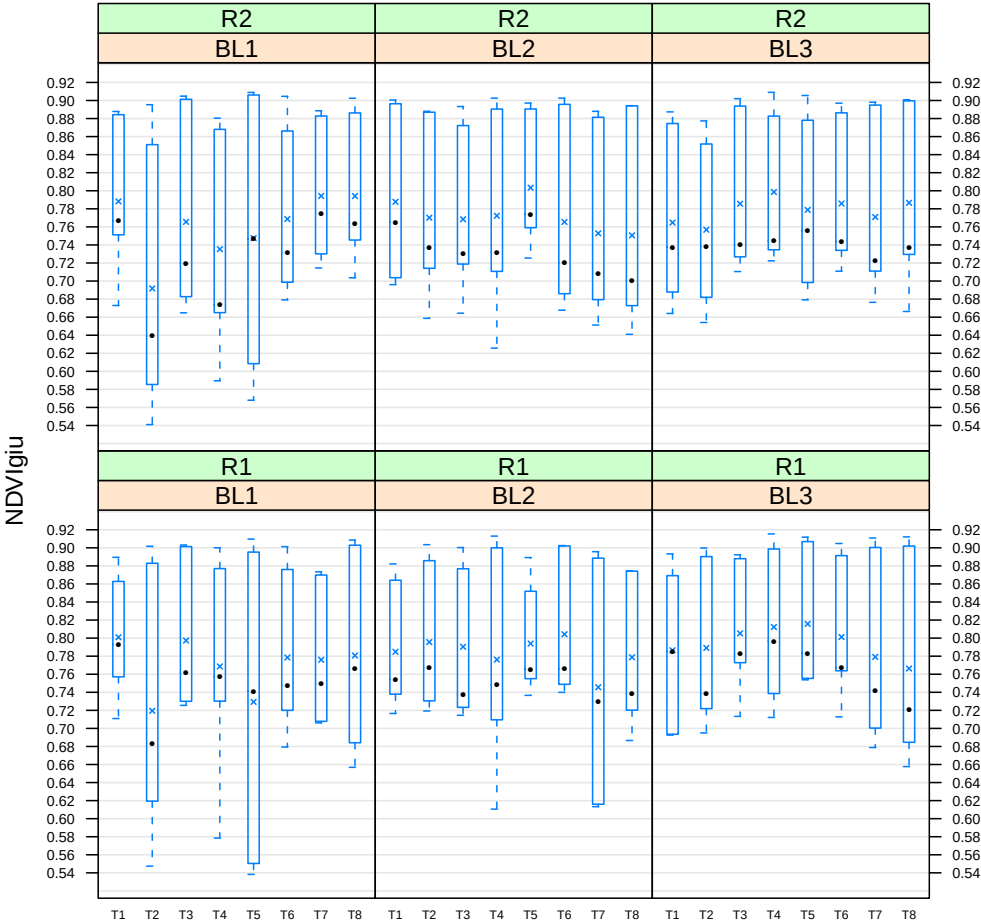


Figura 4.32: Boxplot per Tesi entro Blocco dell'Indice NDVI (giugno)

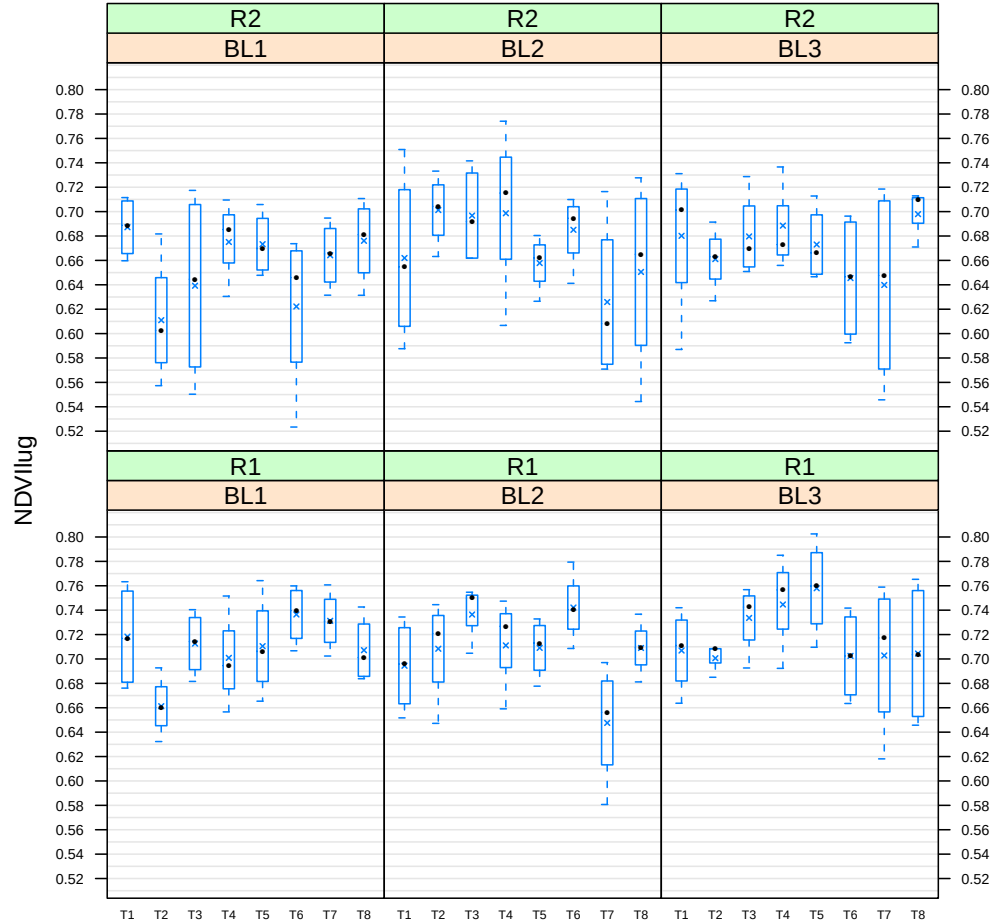


Figura 4.33: Boxplot per Tesi entro Blocco dell'Indice NDVI (luglio)

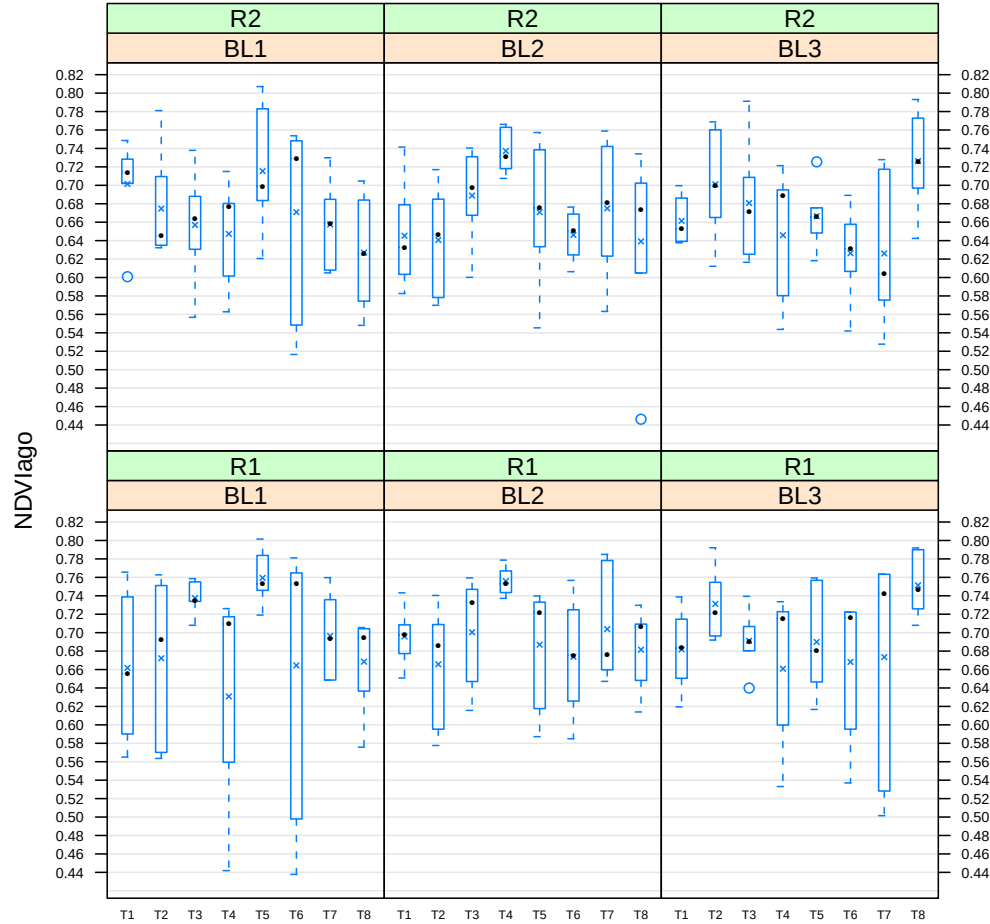


Figura 4.34: Boxplot per Tesi entro Blocco dell'Indice NDVI (agosto)

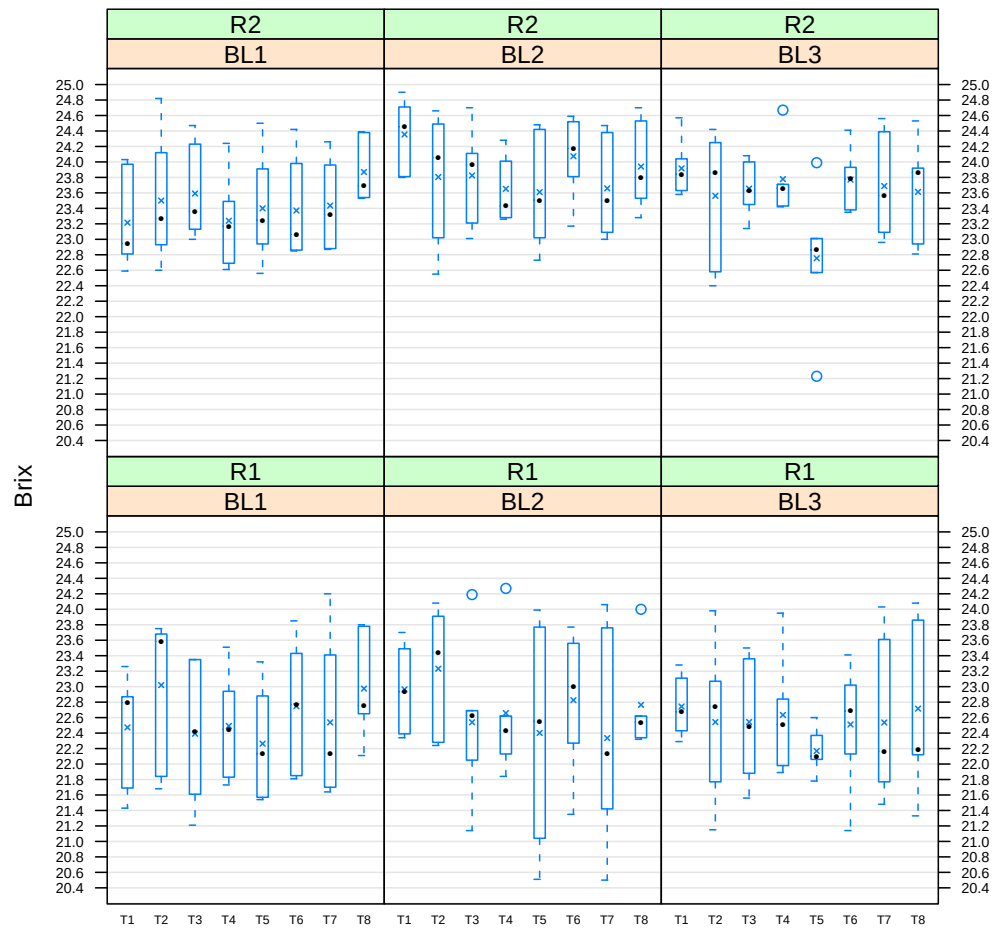


Figura 4.35: Boxplot per Tesi entro Blocco del Brix

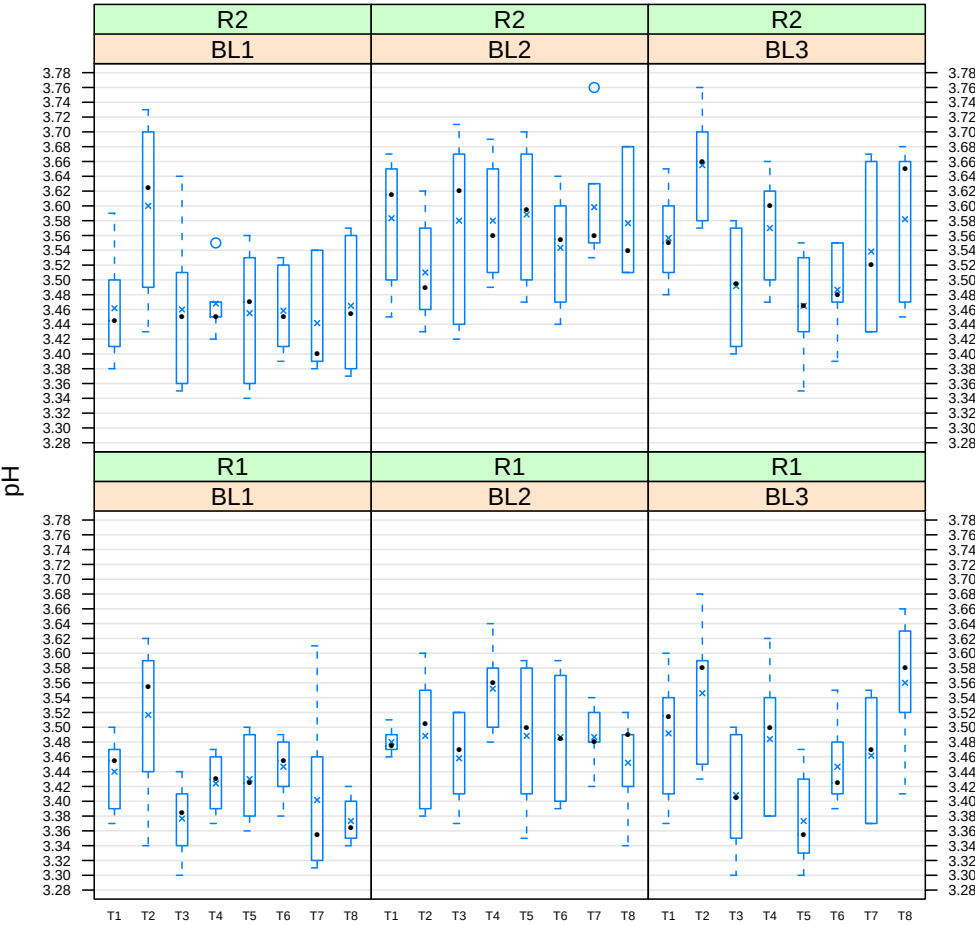


Figura 4.36: Boxplot per Tesi entro Blocco del pH

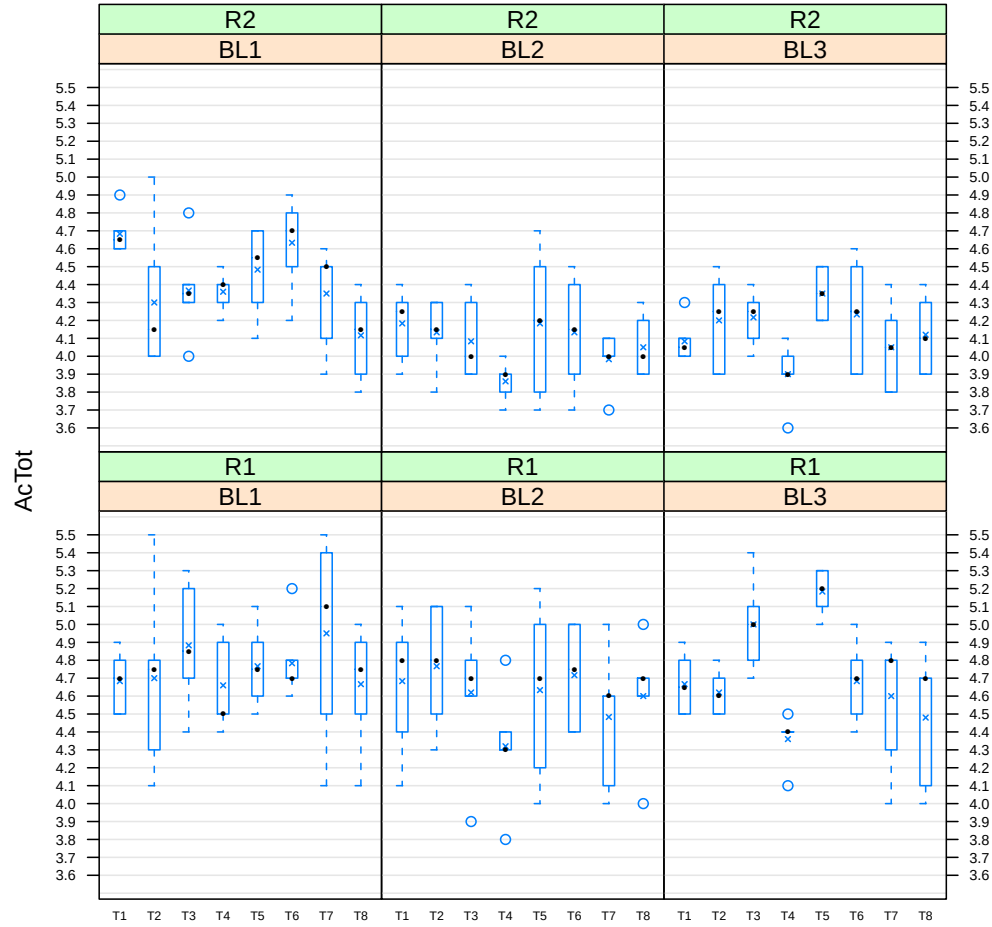


Figura 4.37: Boxplot per Tesi entro Blocco dell'Acidità totale

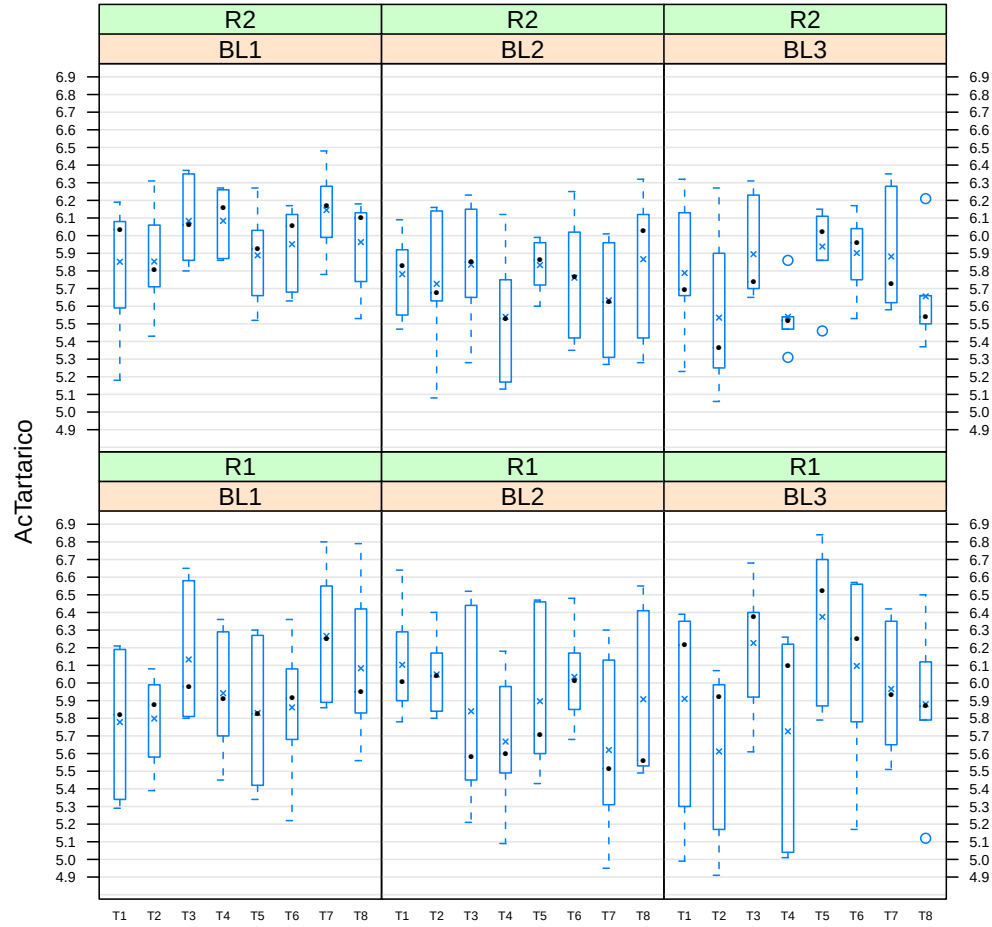


Figura 4.38: Boxplot per Tesi entro Blocco dell'Acido tartarico

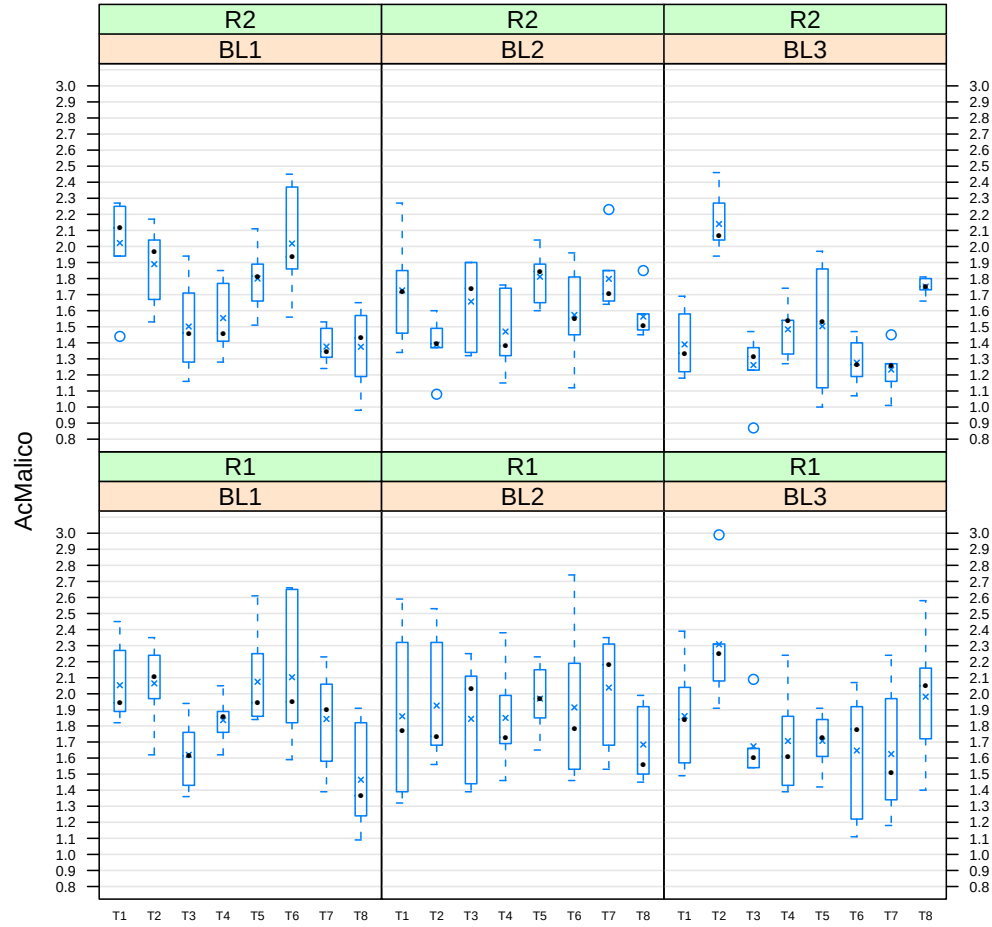


Figura 4.39: Boxplot per Tesi entro Blocco dell'Acido Malico

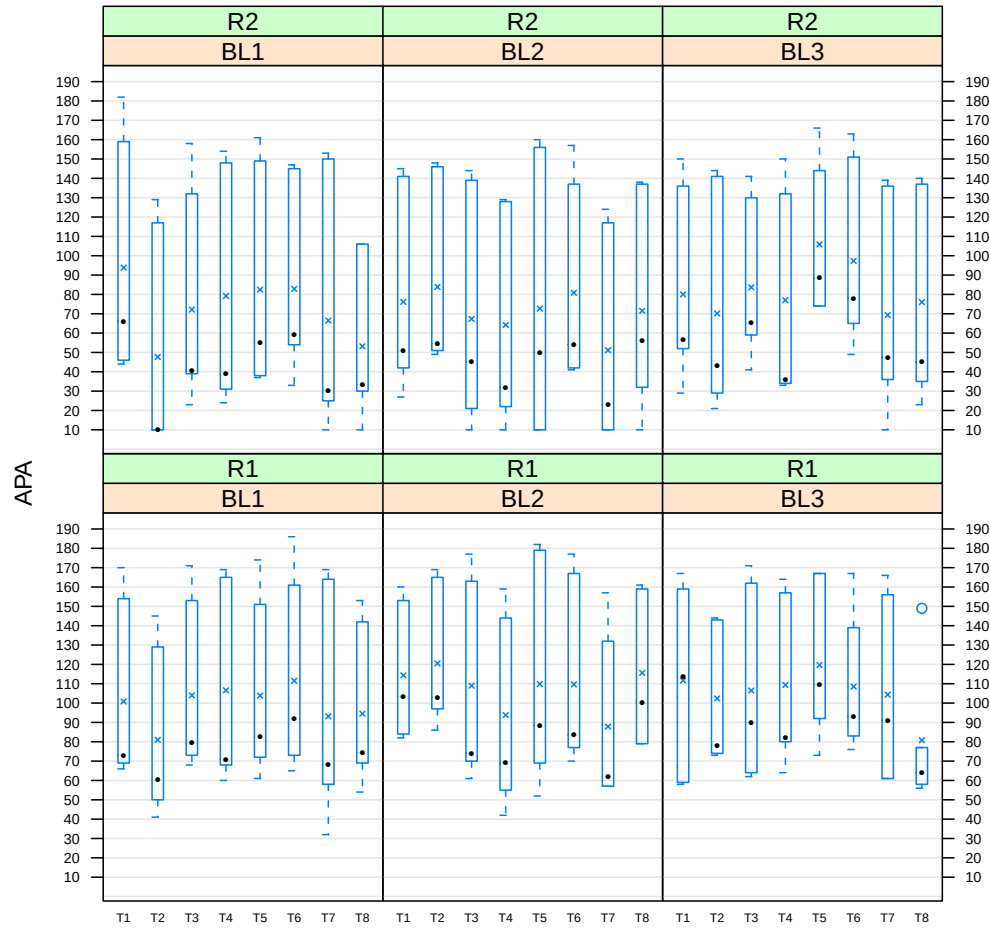


Figura 4.40: Boxplot per Tesi entro Blocco dell’Azoto prontamente assimilabile

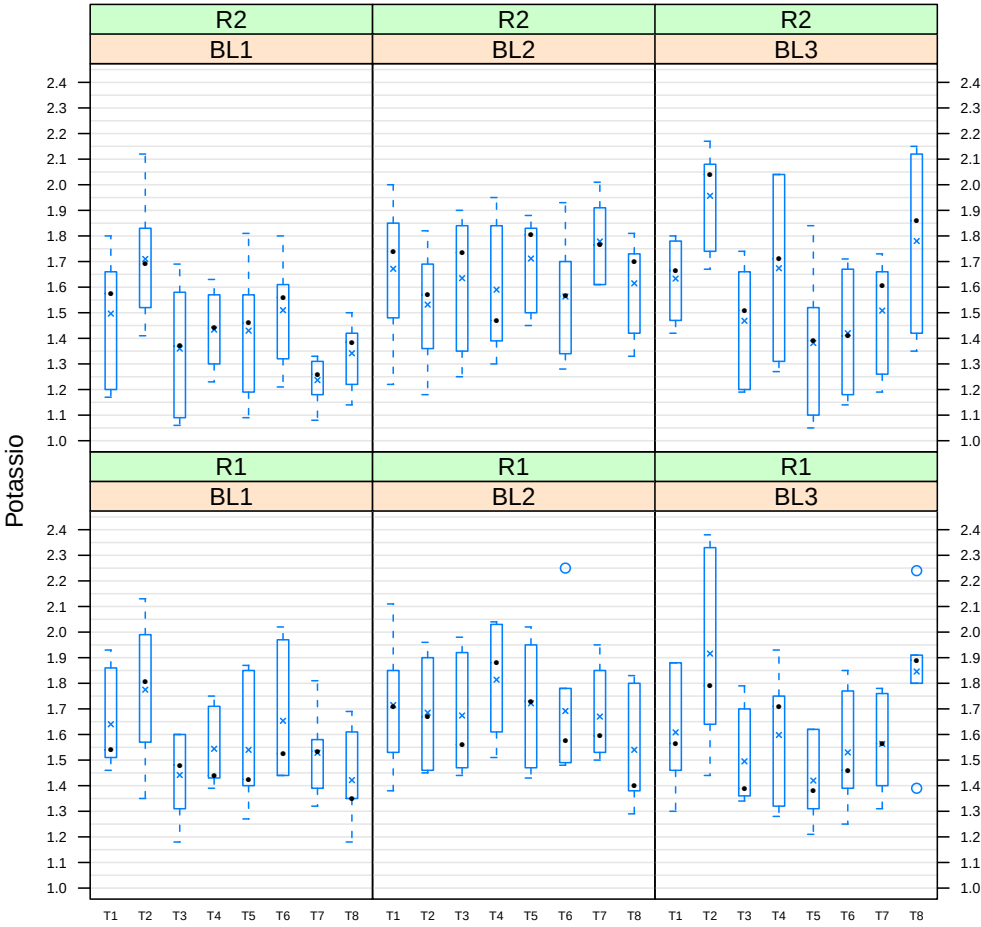


Figura 4.41: Boxplot per Tesi entro Blocco del Potassio

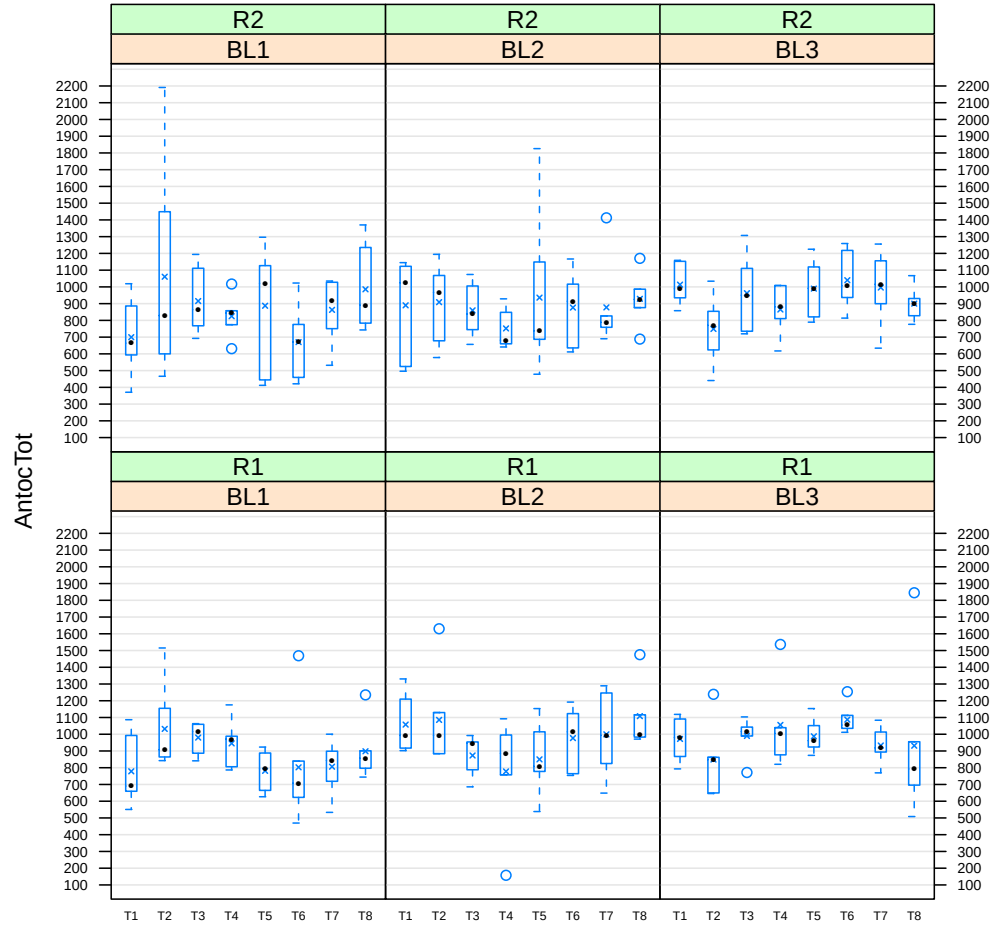


Figura 4.42: Boxplot per Tesi entro Blocco degli Antociani totali

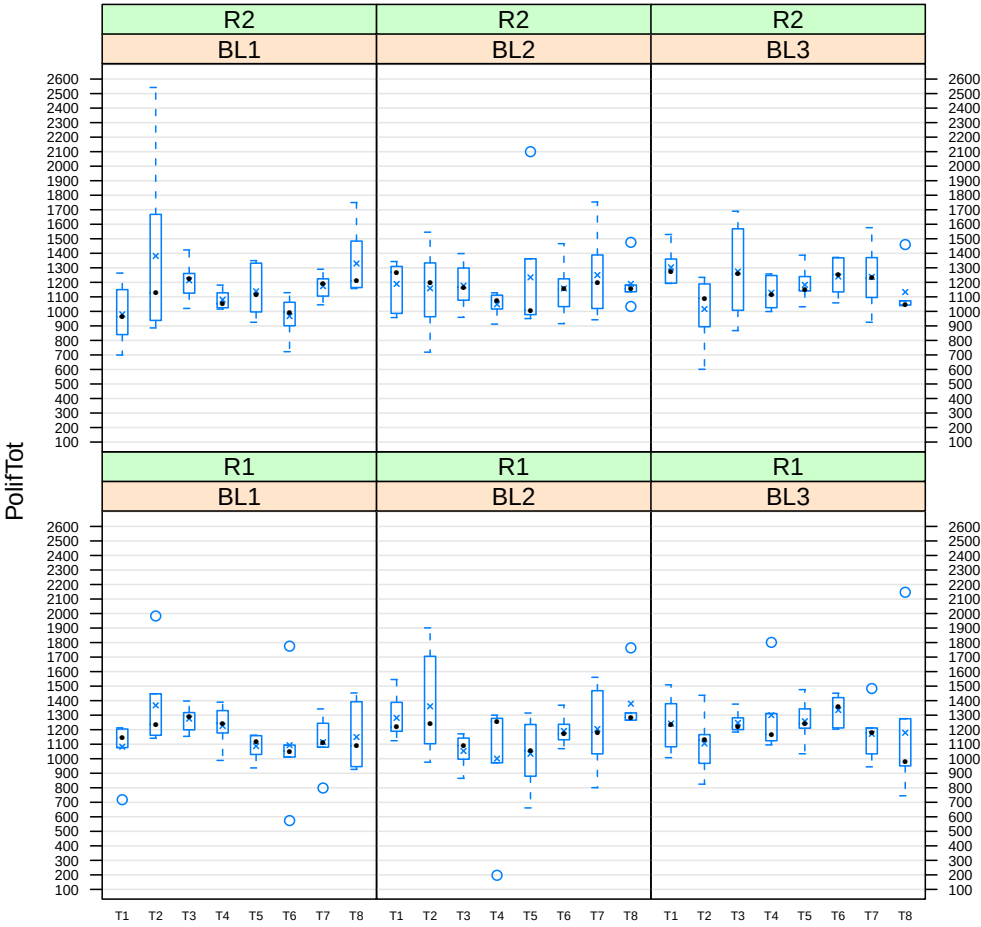


Figura 4.43: Boxplot per Tesi entro Blocco dei Polifenoli totali

4.3 Dotplot (Donna Olimpia)

4.3.1 Dotplot per Blocco

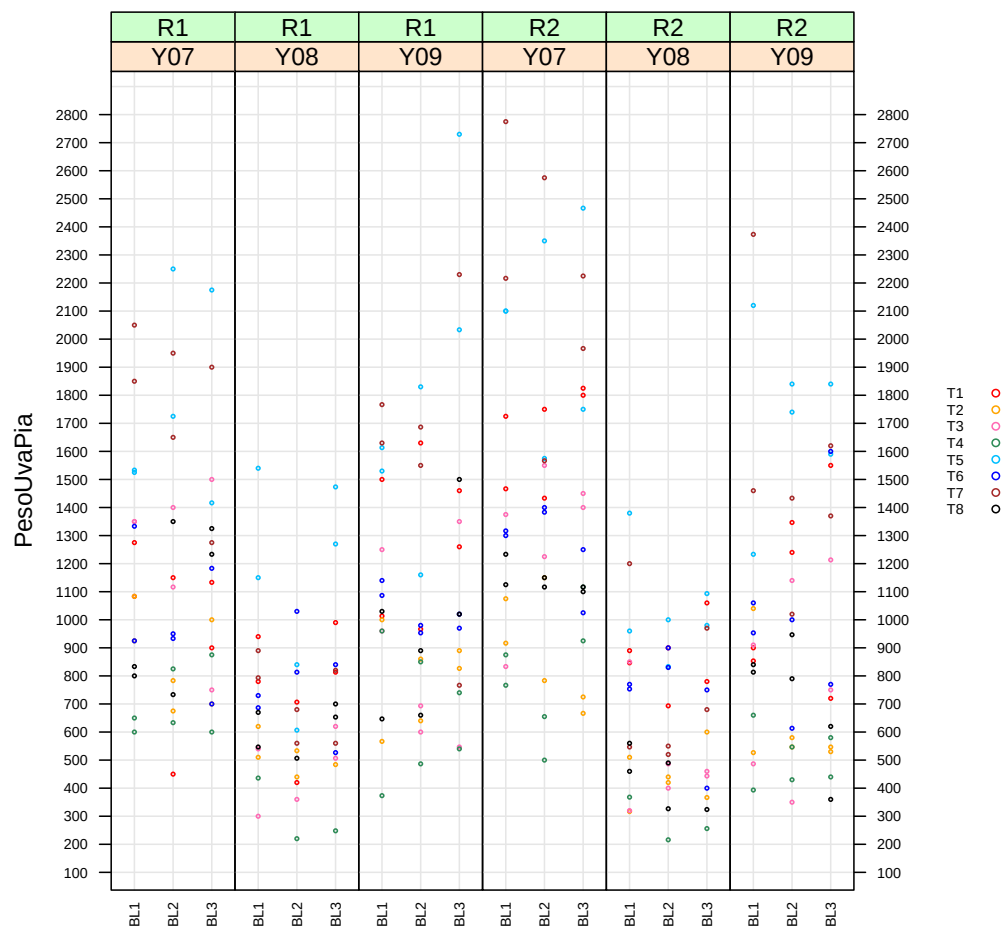


Figura 4.44: Dotplot per Blocco del Peso medio dell'uva per pianta

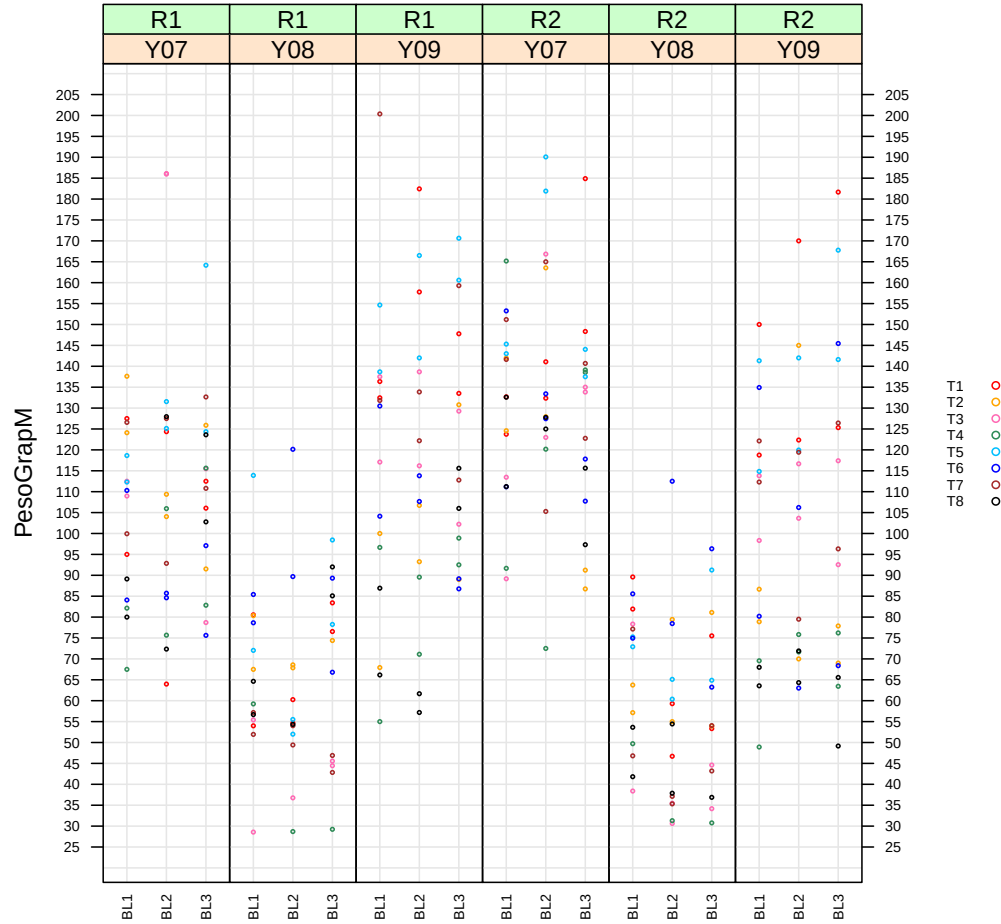


Figura 4.45: Dotplot per Blocco del Peso medio del grappolo

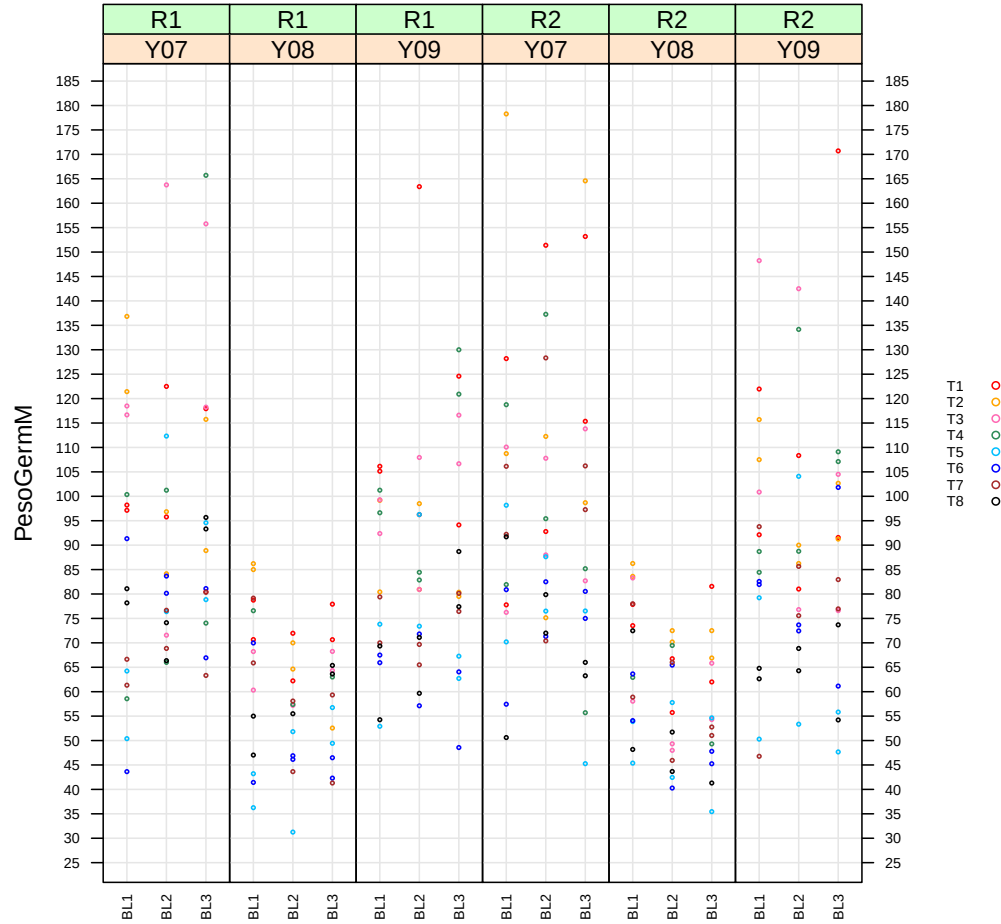


Figura 4.46: Dotplot per Blocco del Peso medio del germoglio

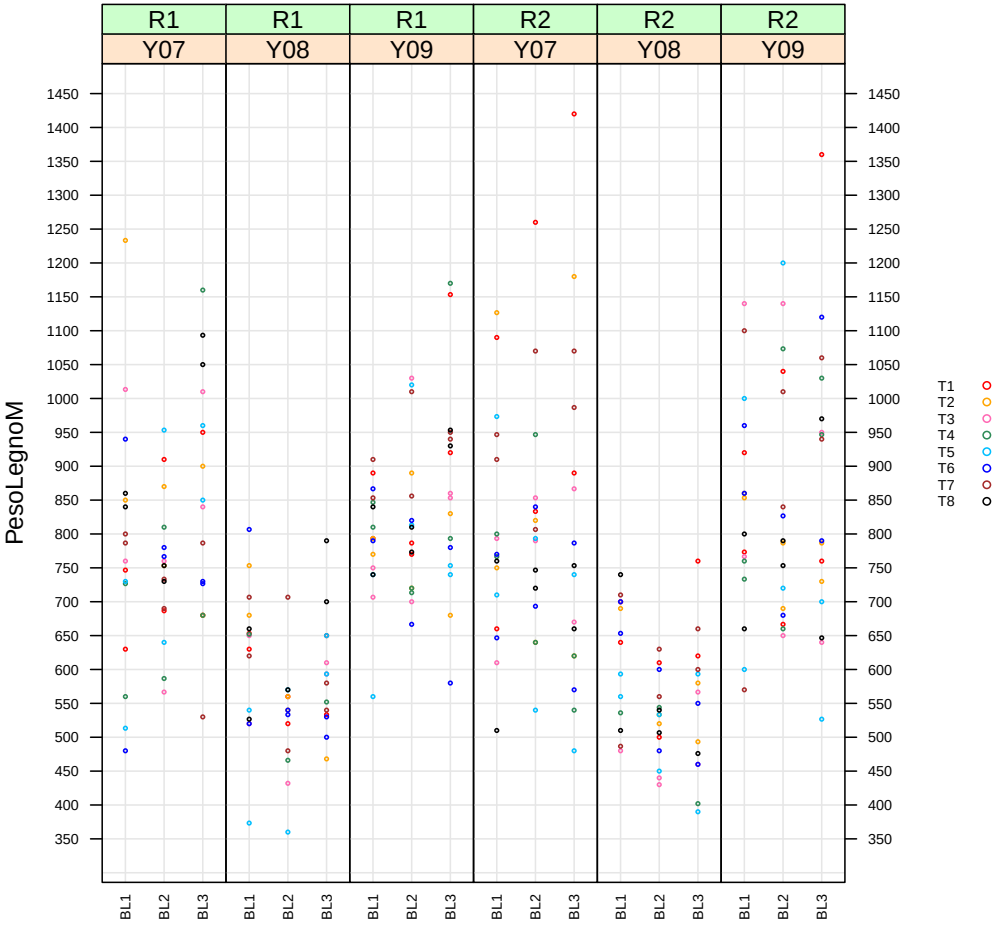


Figura 4.47: Dotplot per Blocco del Peso medio del legno

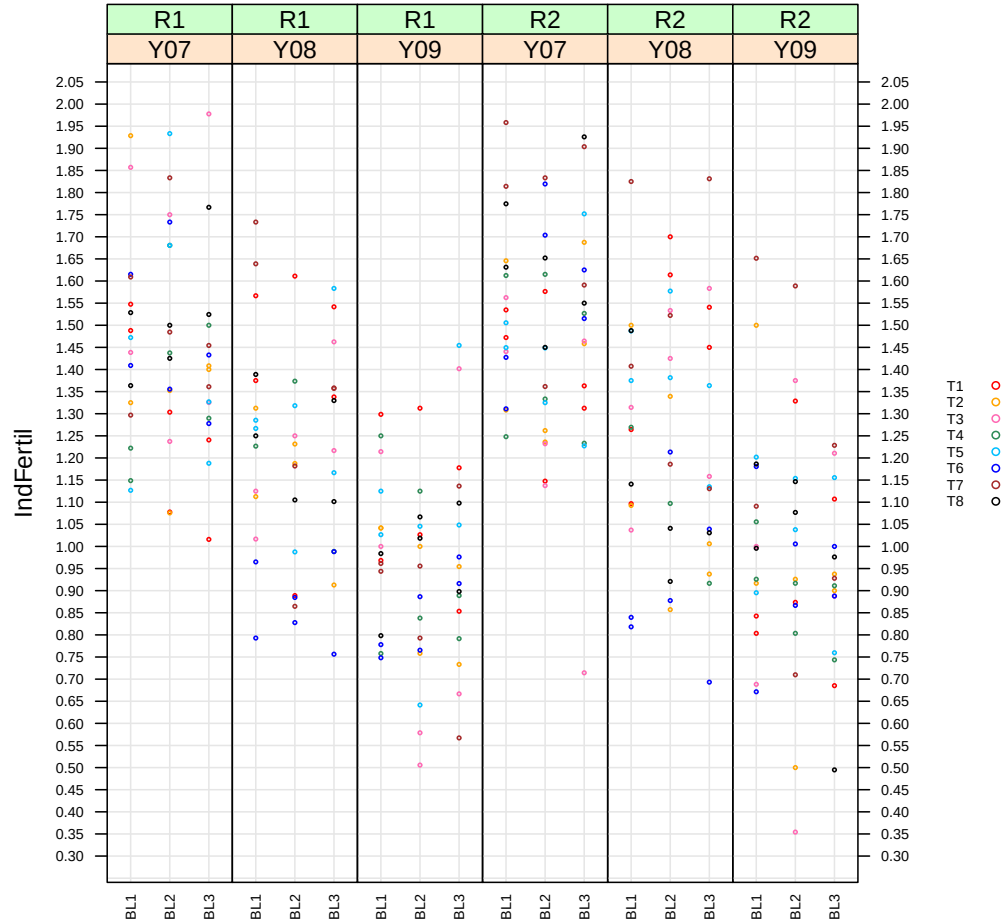


Figura 4.48: Dotplot per Blocco dell'Indice di Fertilità

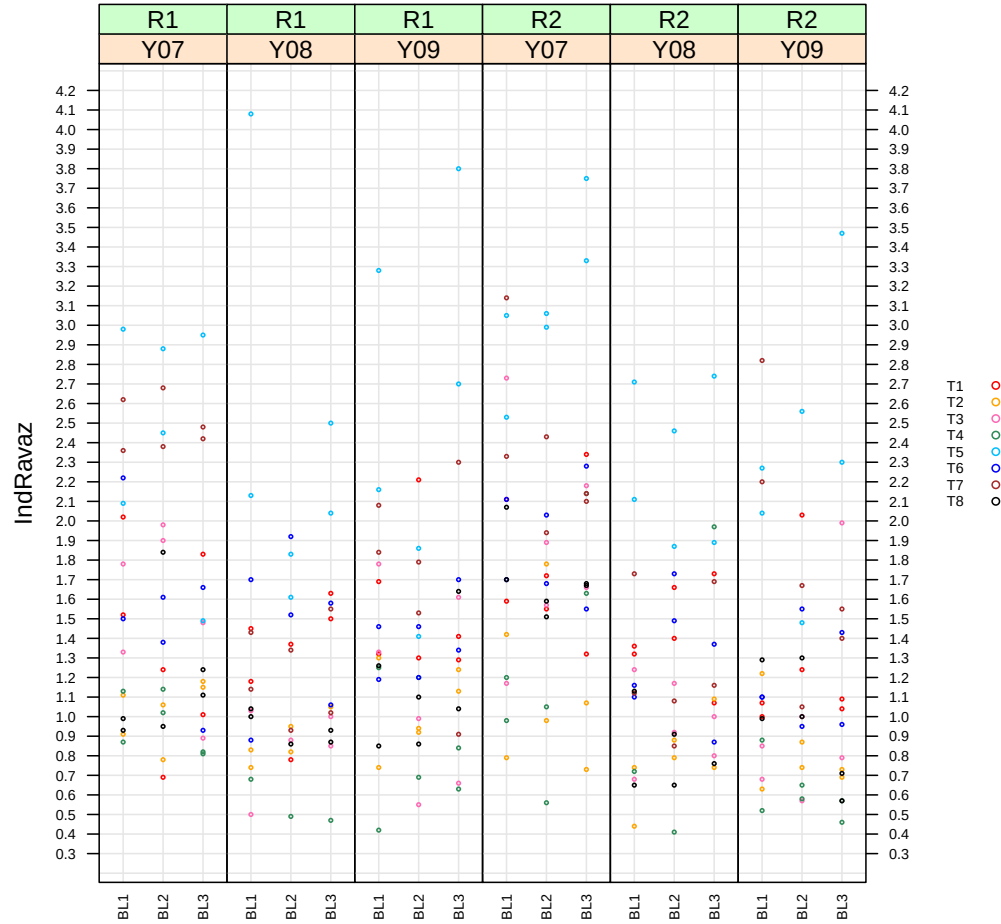


Figura 4.49: Dotplot per Blocco dell'Indice di Ravaz

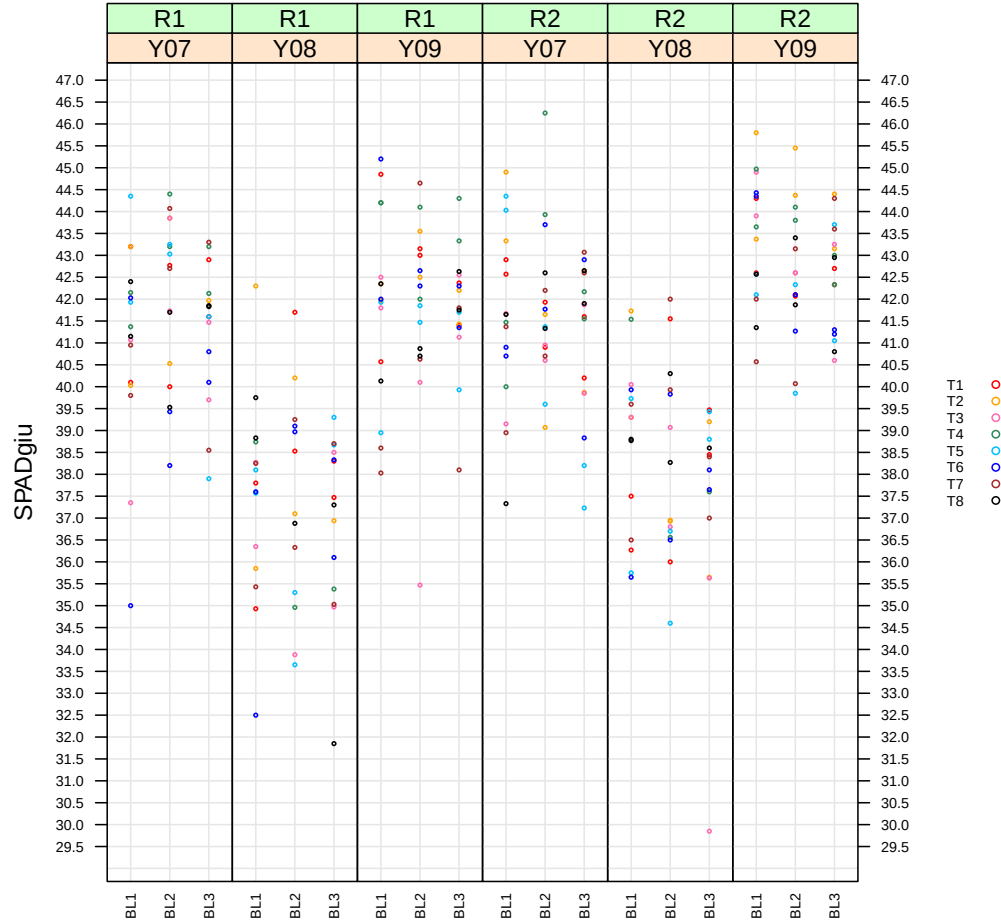


Figura 4.50: Dotplot per Blocco dell'Indice SPAD (giugno)

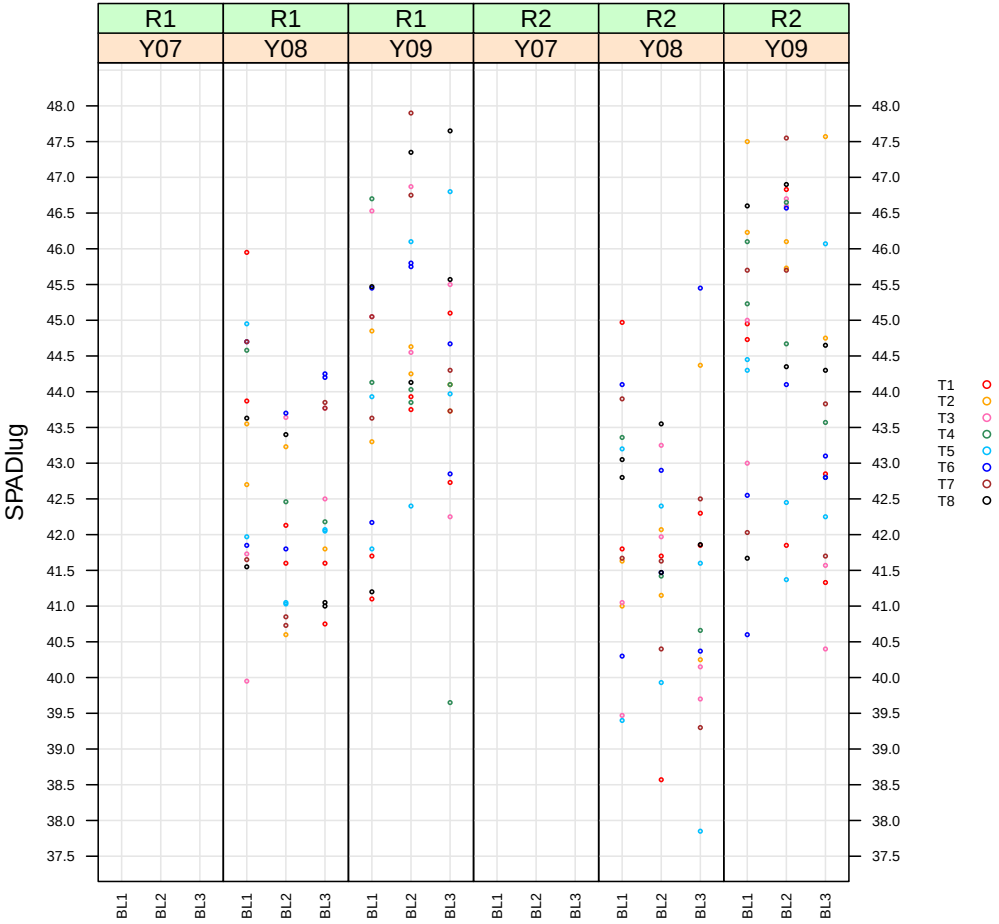


Figura 4.51: Dotplot per Blocco dell'Indice SPAD (luglio)

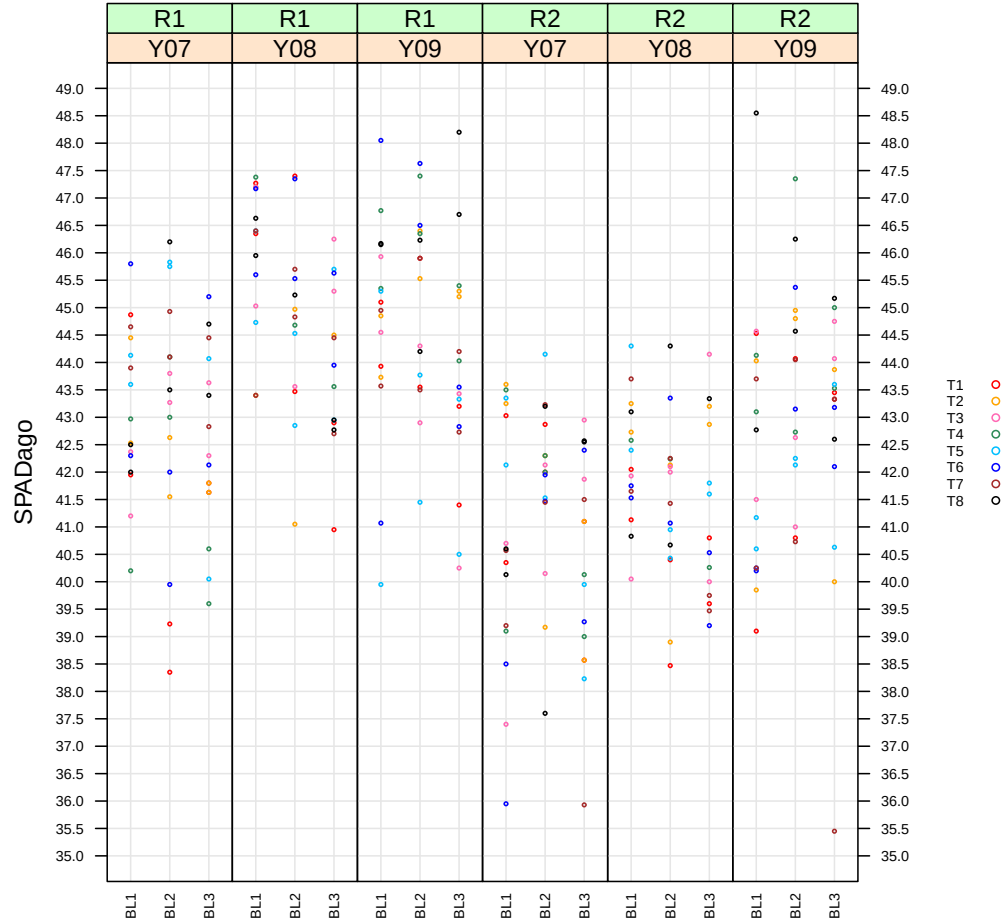


Figura 4.52: Dotplot per Blocco dell'Indice SPAD (agosto)

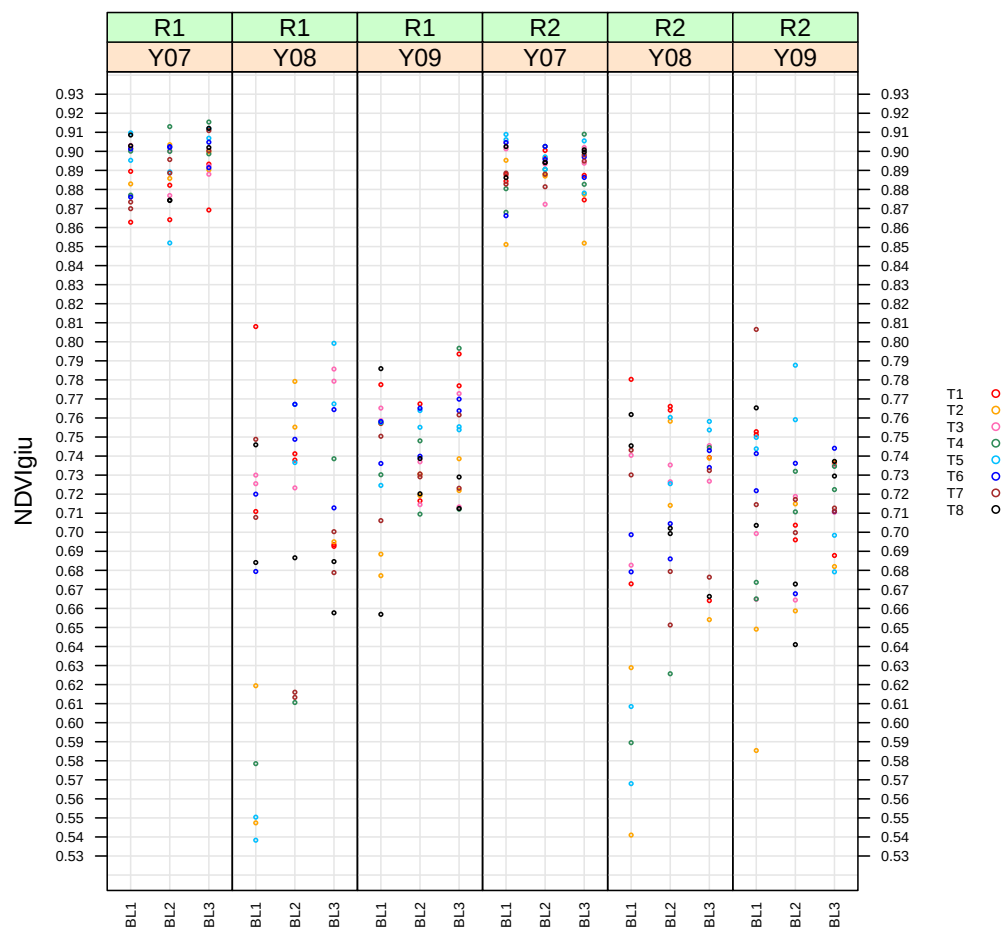


Figura 4.53: Dotplot per Blocco dell'Indice NDVI (giugno)

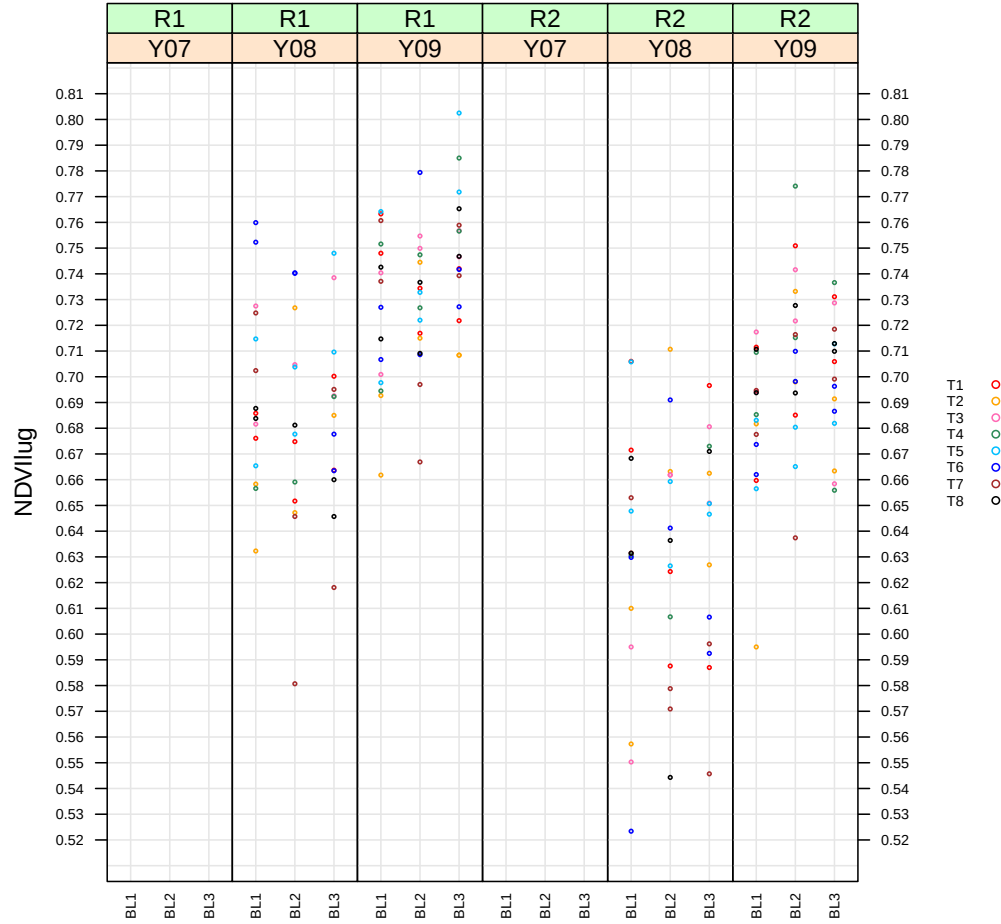


Figura 4.54: Dotplot per Blocco dell'Indice NDVI (luglio)

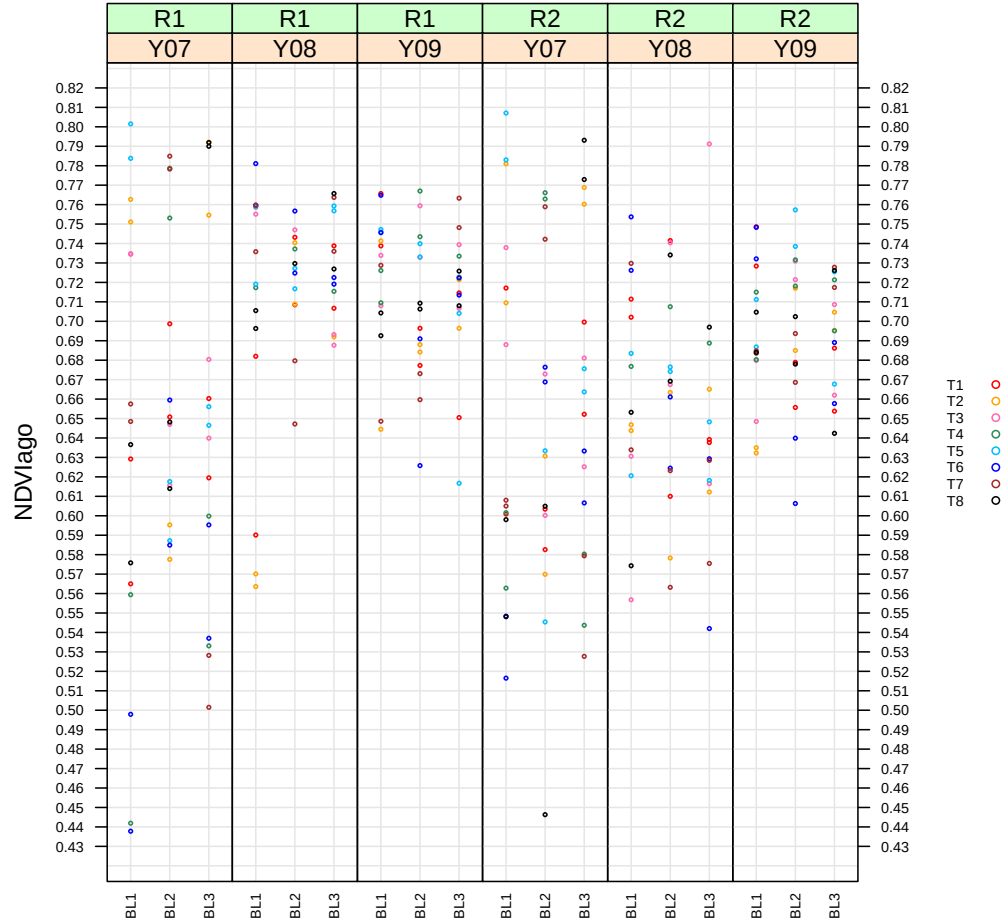


Figura 4.55: Dotplot per Blocco dell'Indice NDVI (agosto)

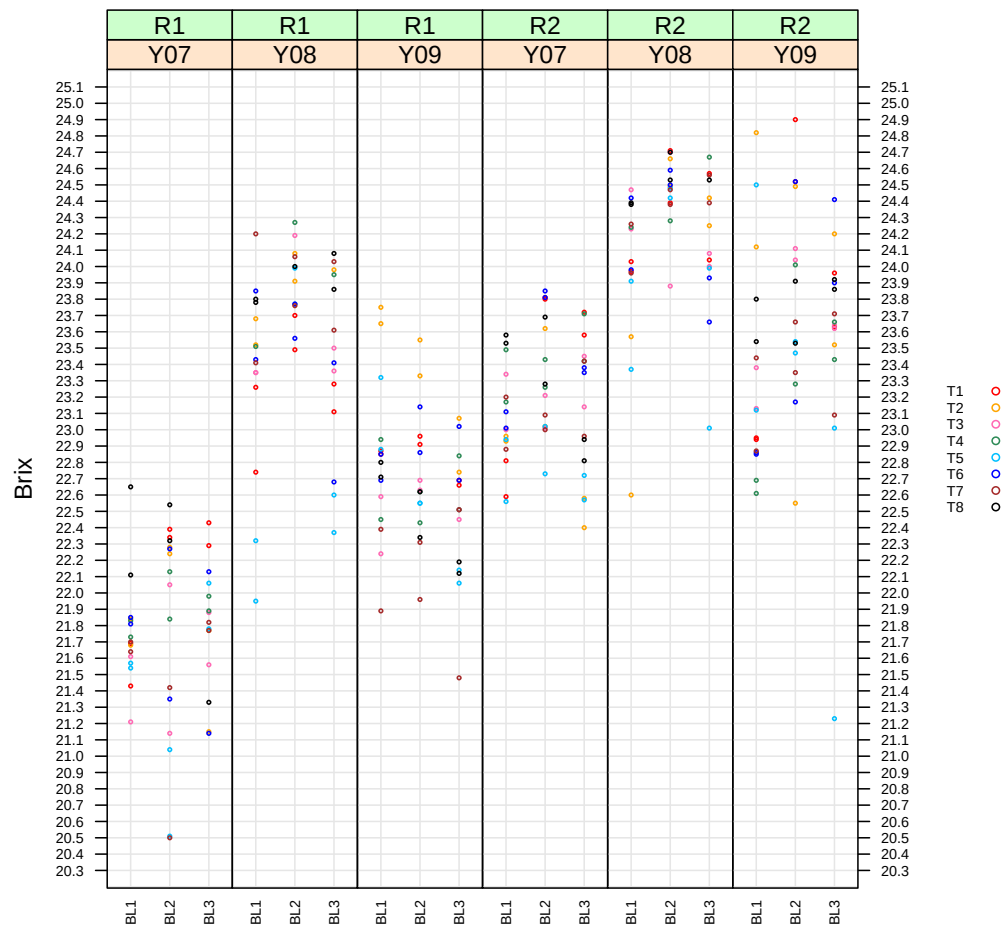


Figura 4.56: Dotplot per Blocco del Brix

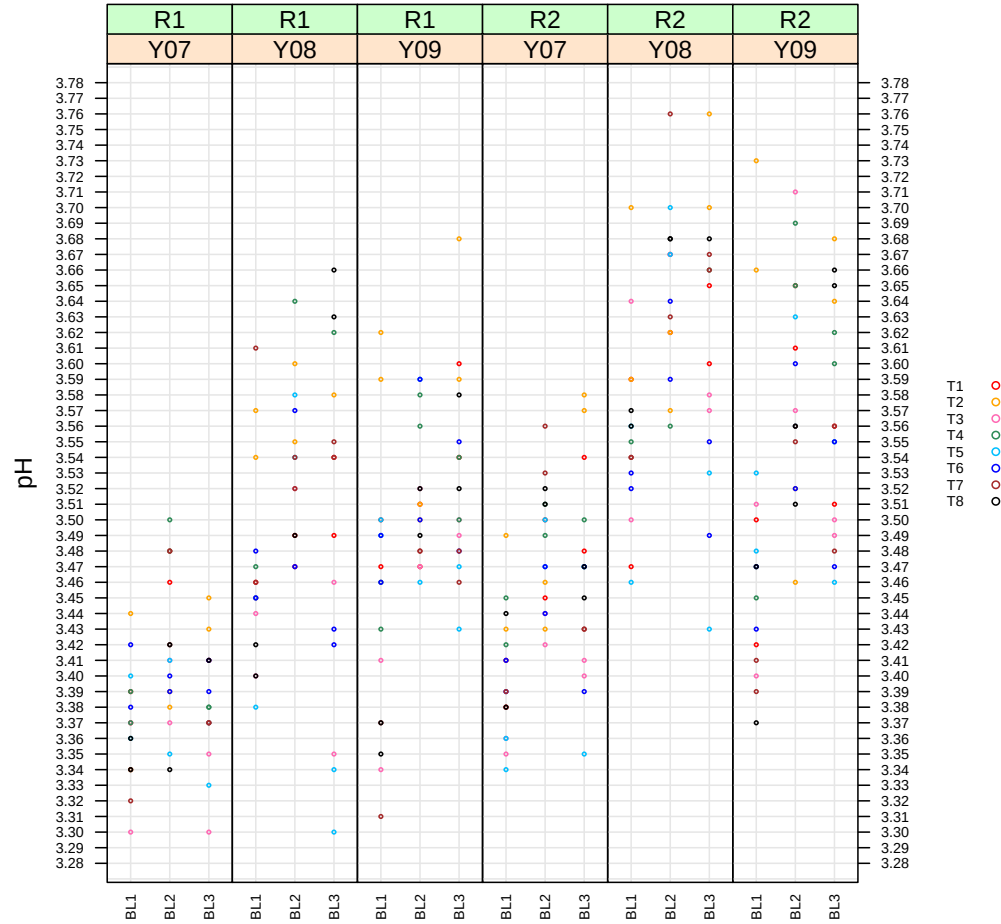


Figura 4.57: Dotplot per Blocco del pH

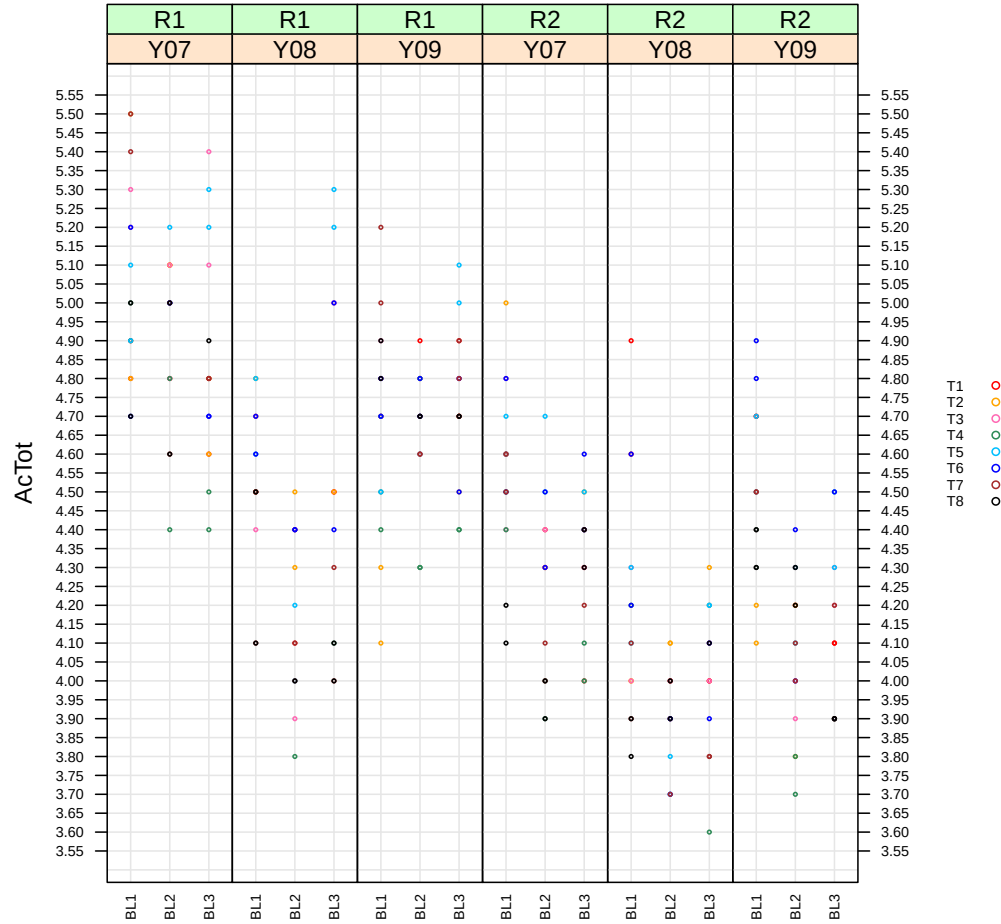


Figura 4.58: Dotplot per Blocco dell'Acidità totale

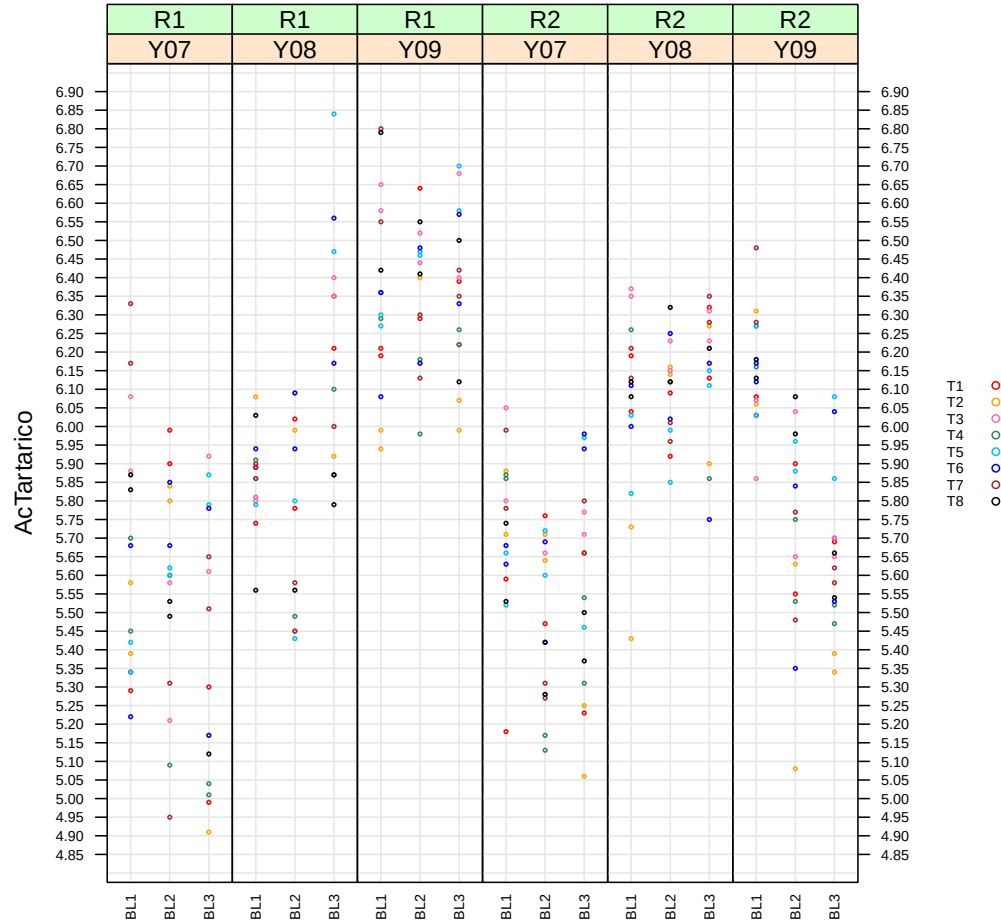


Figura 4.59: Dotplot per Blocco dell'Acido tartarico

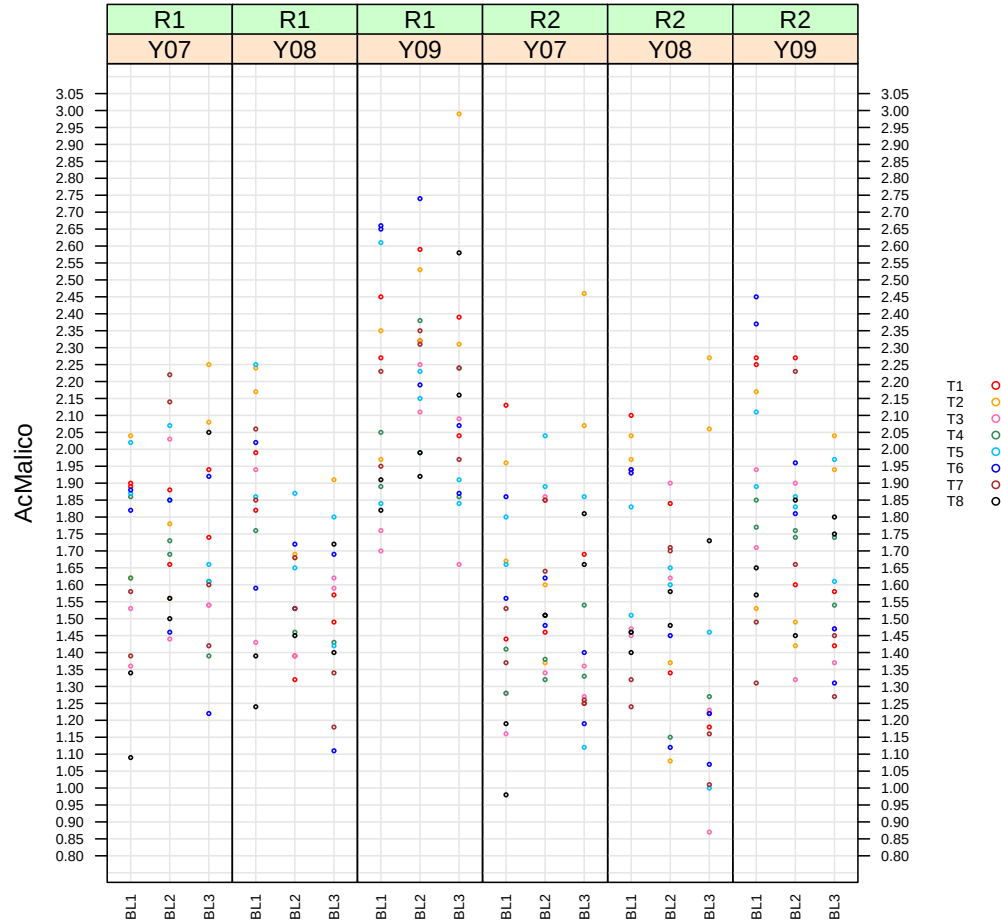


Figura 4.60: Dotplot per Blocco dell'Acido Malico

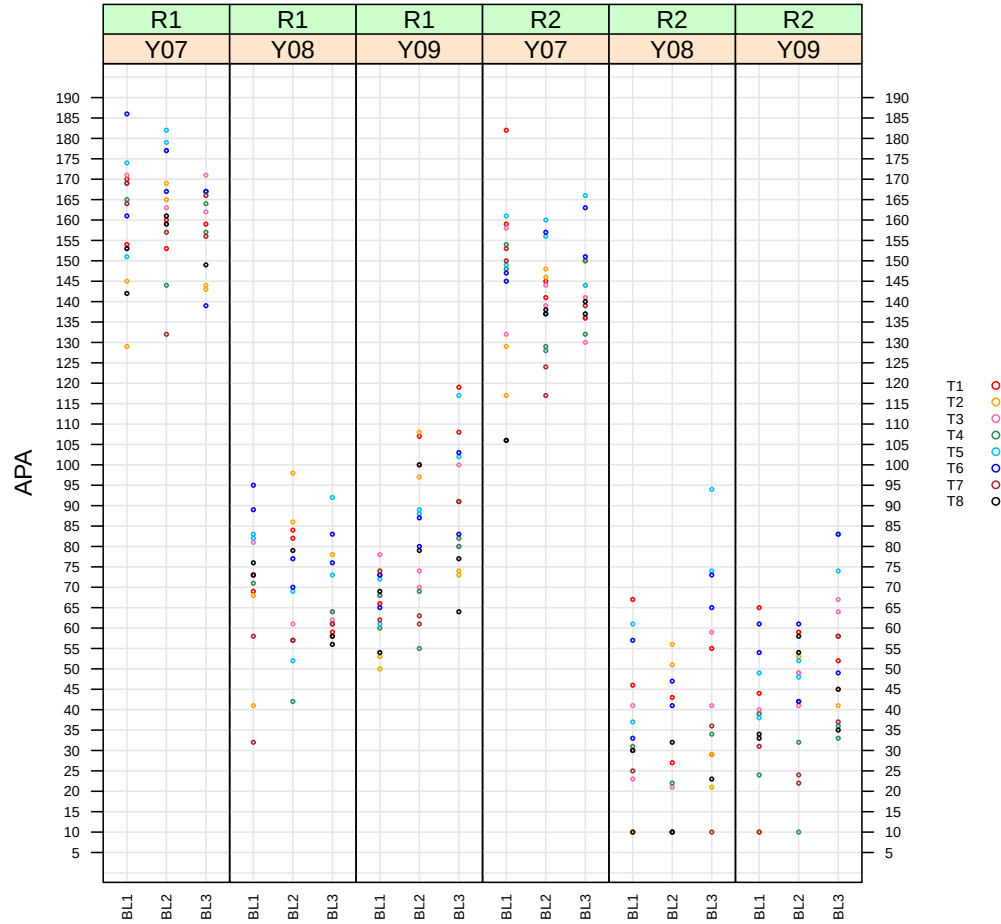


Figura 4.61: Dotplot per Blocco dell’Azoto prontamente assimilabile

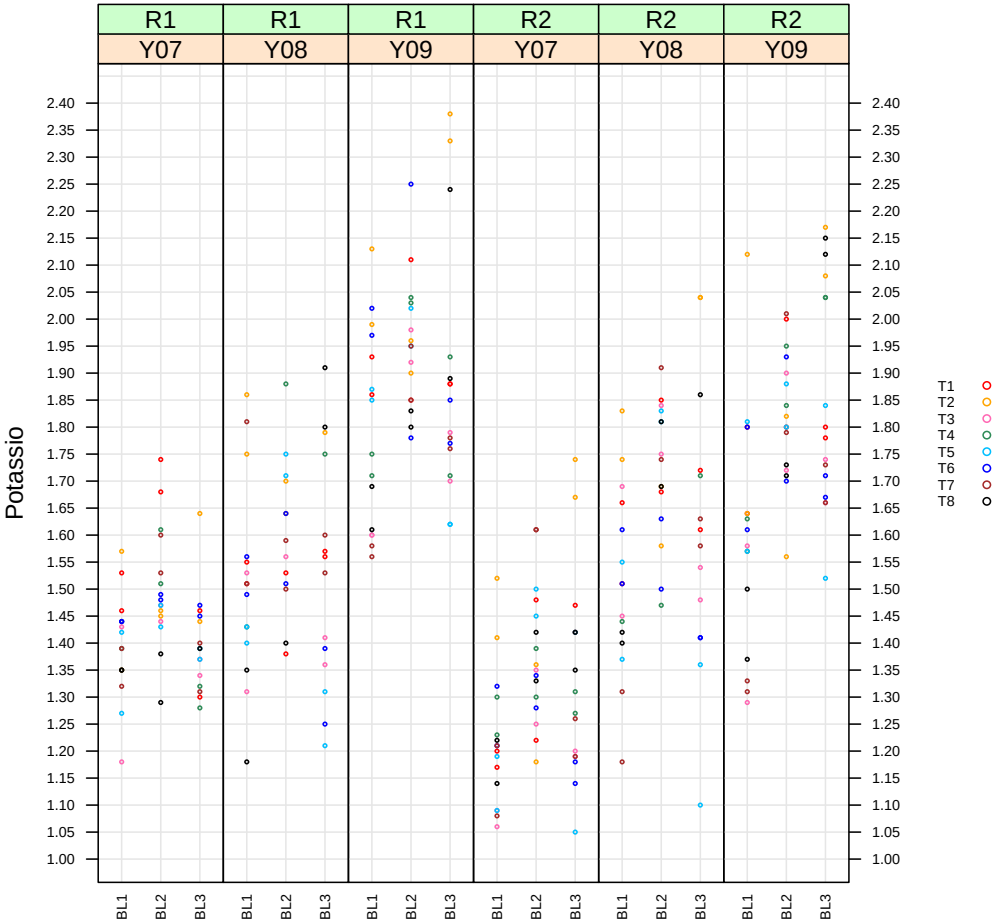


Figura 4.62: Dotplot per Blocco del Potassio

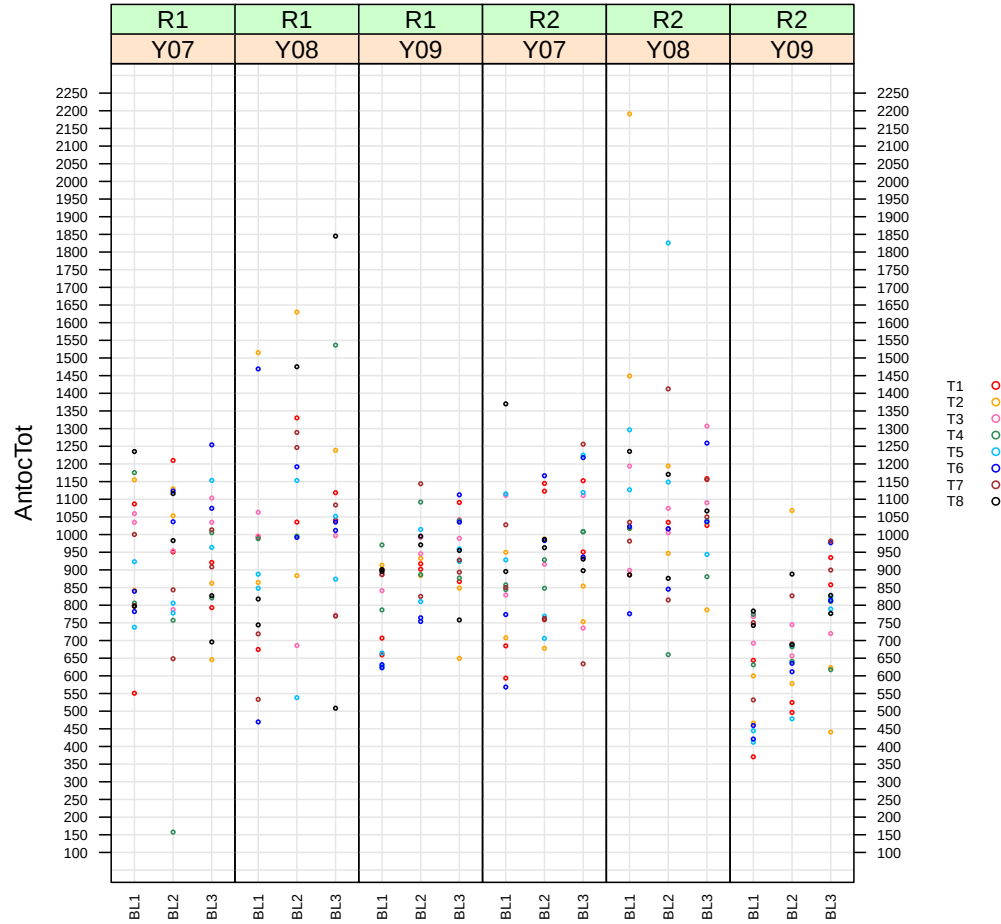


Figura 4.63: Dotplot per Blocco degli Antociani totali

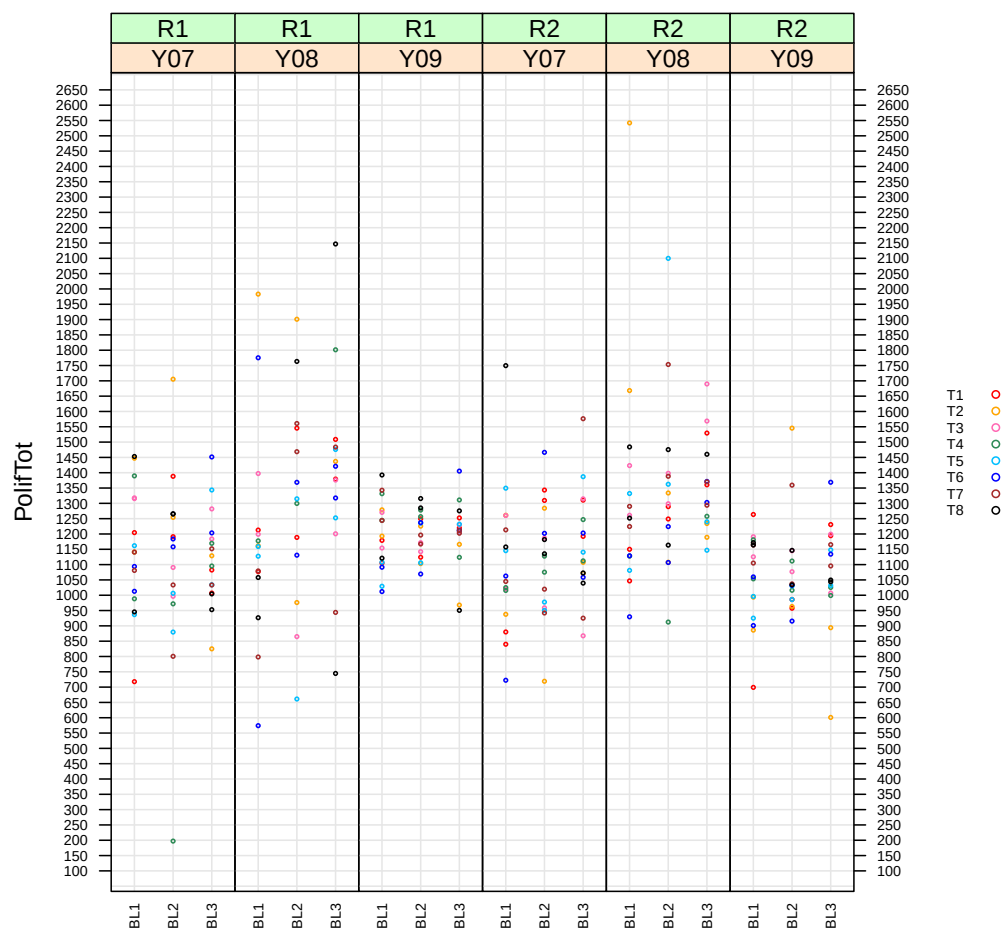


Figura 4.64: Dotplot per Blocco dei Polifenoli totali

4.3.2 Dotplot per Tesi entro Blocco

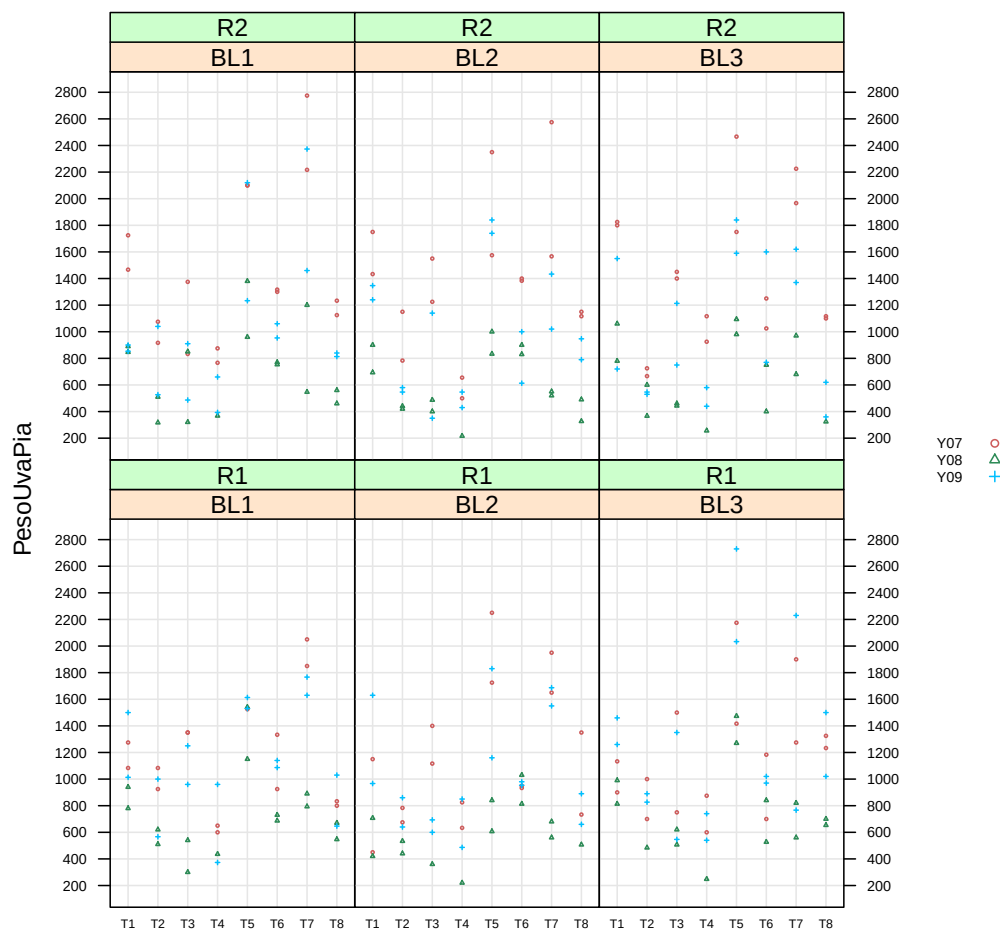


Figura 4.65: Dotplot per Tesi entro Blocco del Peso medio dell'uva per pianta

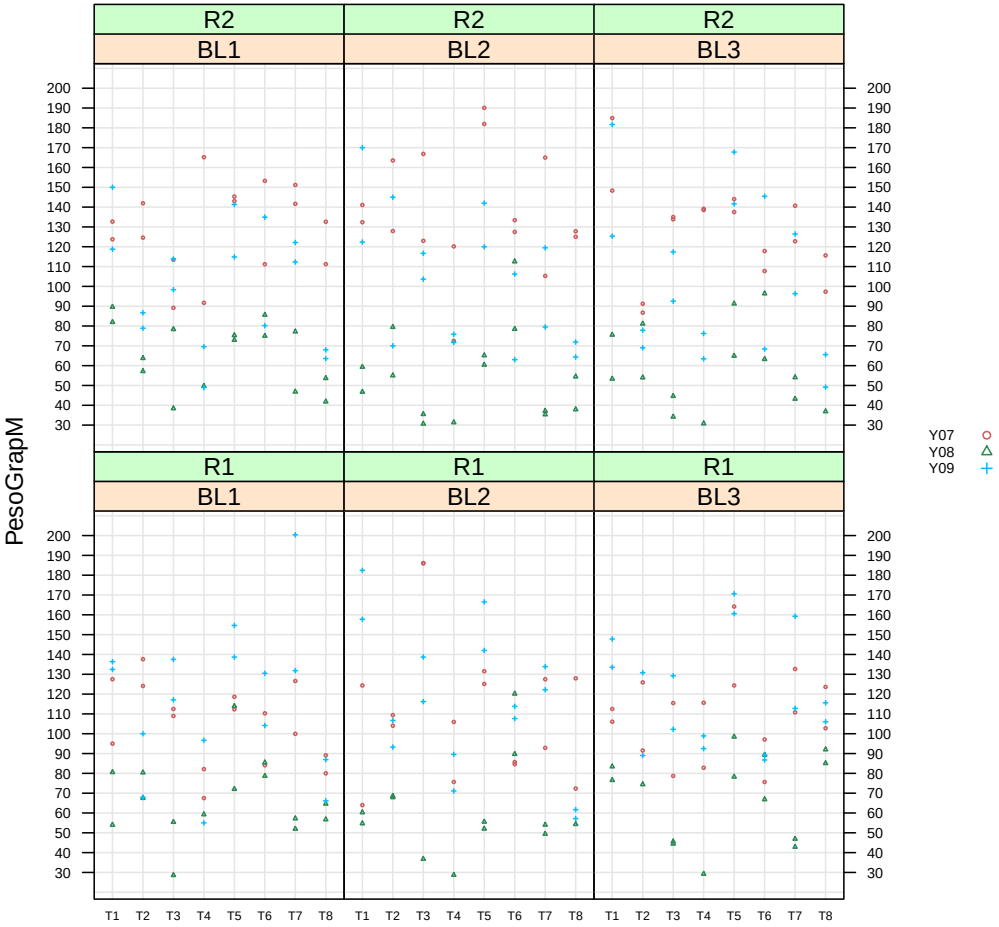


Figura 4.66: Dotplot per Tesi entro Blocco del Peso medio del grappolo

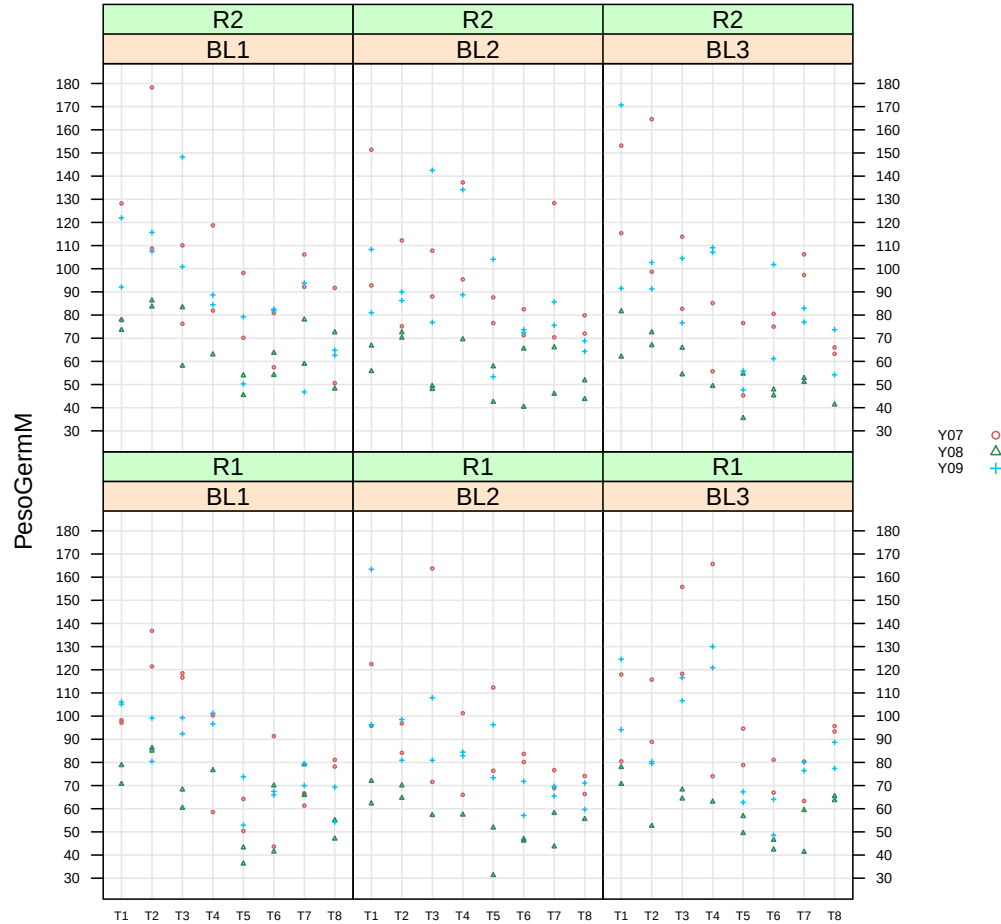


Figura 4.67: Dotplot per Tesi entro Blocco del Peso medio del germoglio

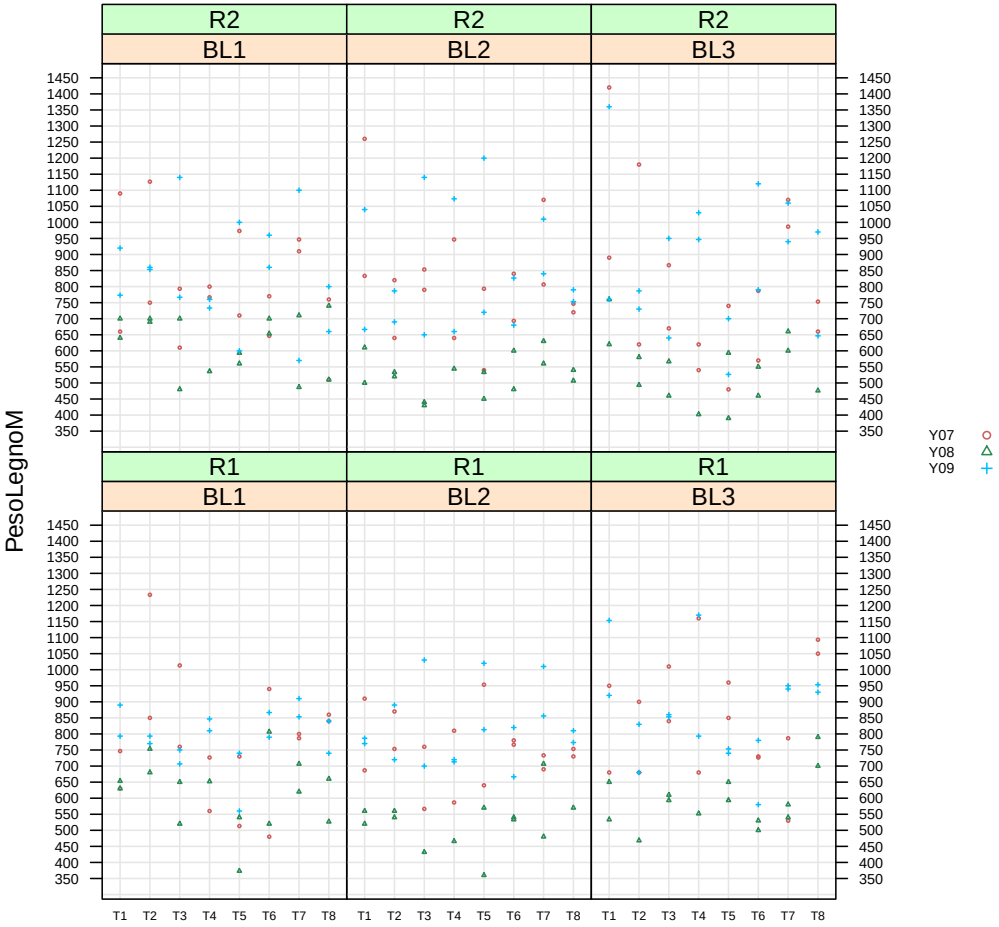


Figura 4.68: Dotplot per Tesi entro Blocco del Peso medio del legno

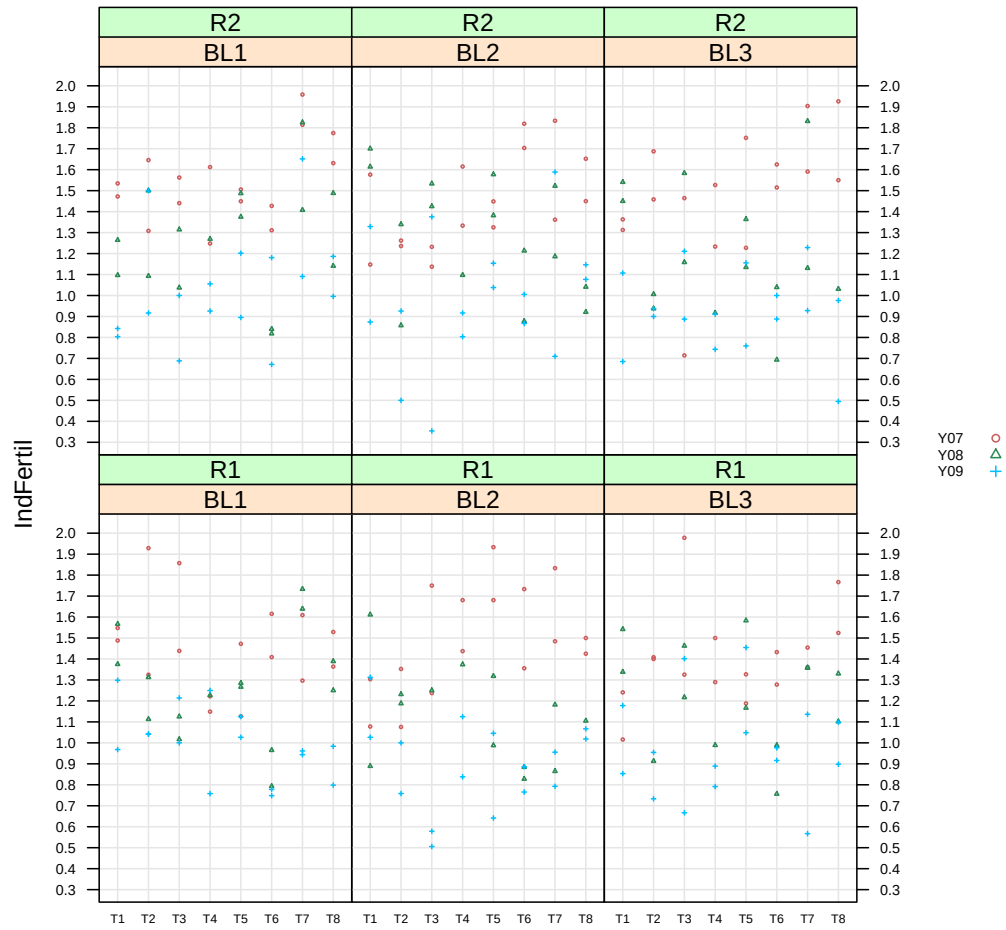


Figura 4.69: Dotplot per Tesi entro Blocco dell'Indice di Fertilità

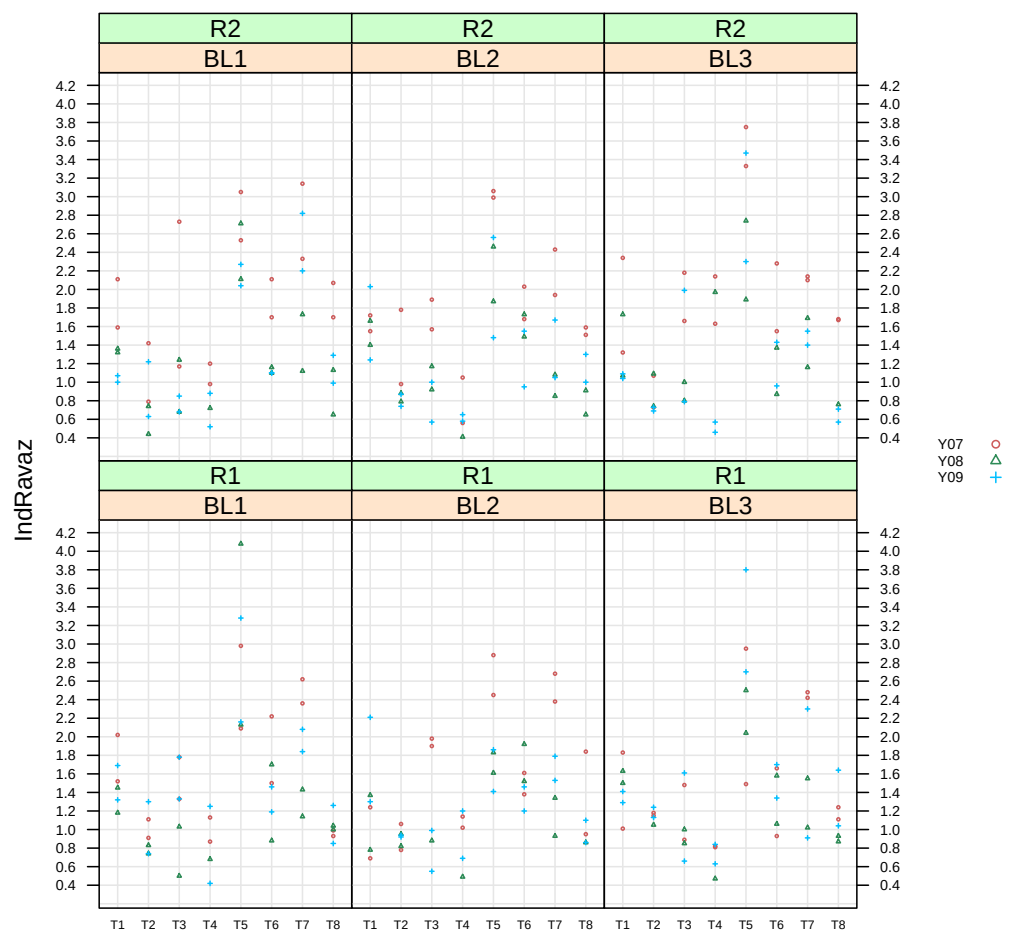


Figura 4.70: Dotplot per Tesi entro Blocco dell'Indice di Ravaz

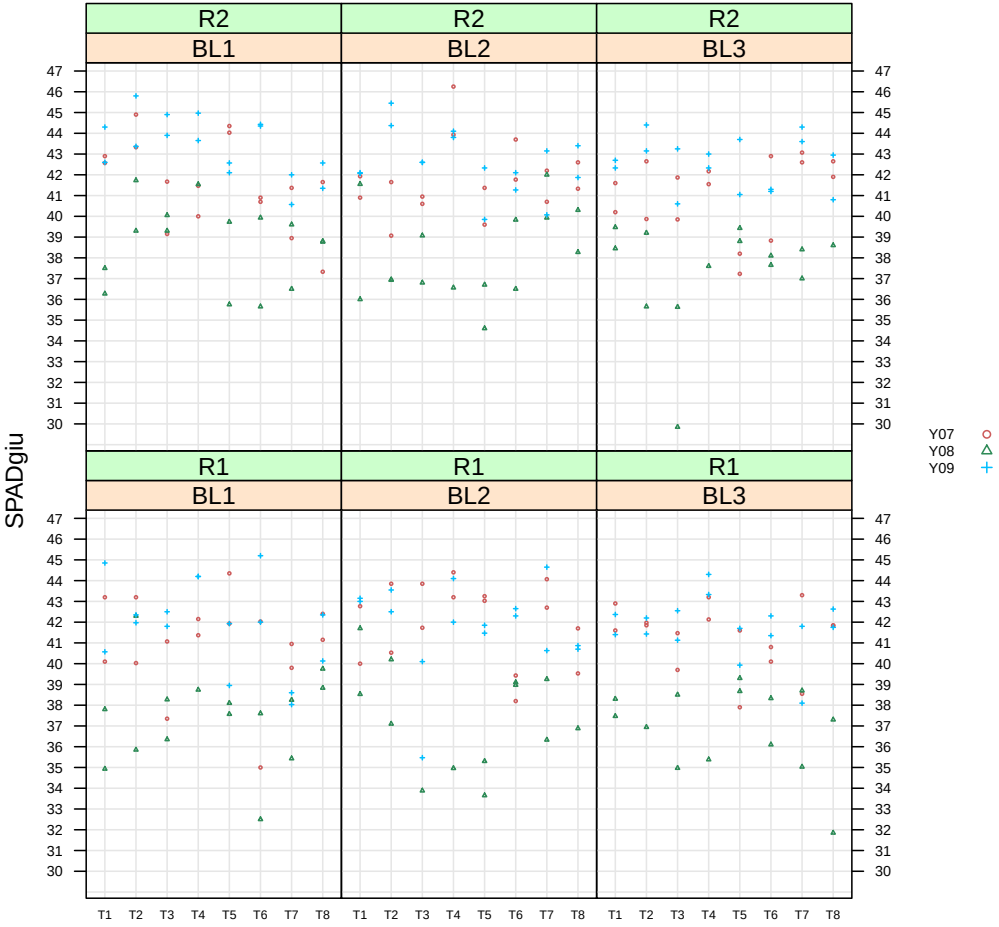


Figura 4.71: Dotplot per Tesi entro Blocco dell'Indice SPAD (giugno)

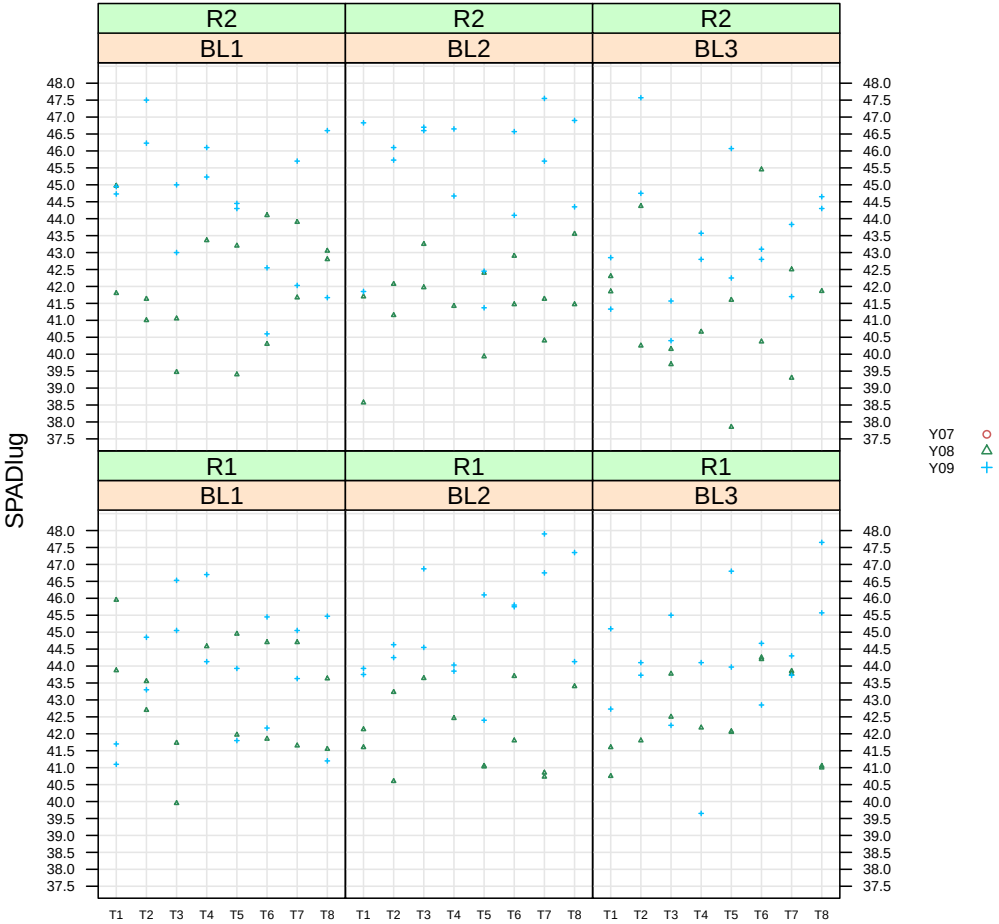


Figura 4.72: Dotplot per Tesi entro Blocco dell'Indice SPAD (luglio)

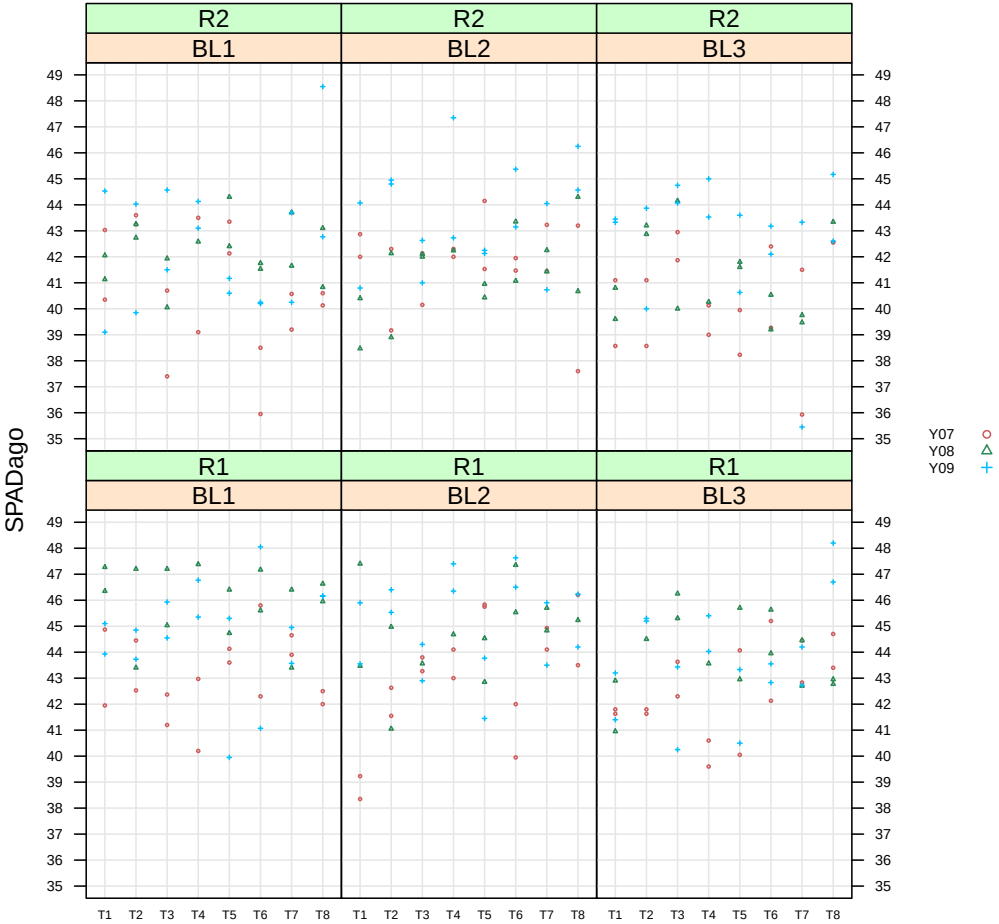


Figura 4.73: Dotplot per Tesi entro Blocco dell'Indice SPAD (agosto)

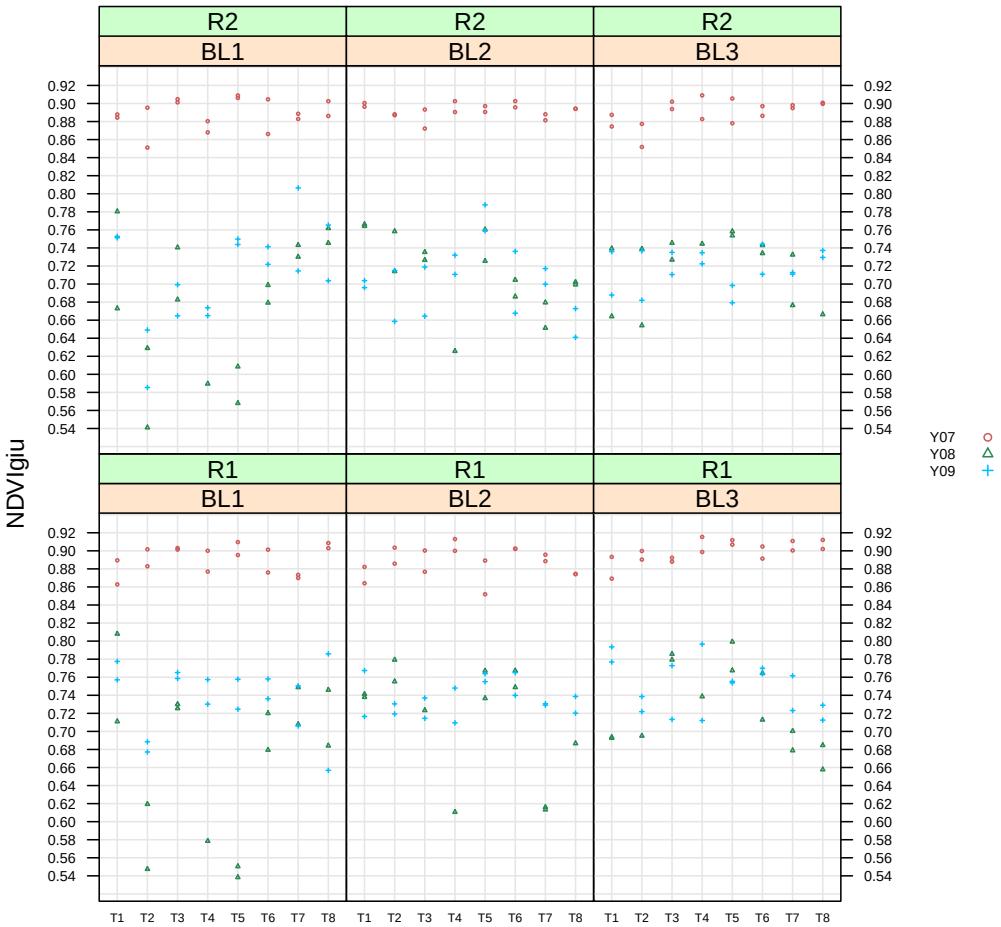


Figura 4.74: Dotplot per Tesi entro Blocco dell'Indice NDVI (giugno)

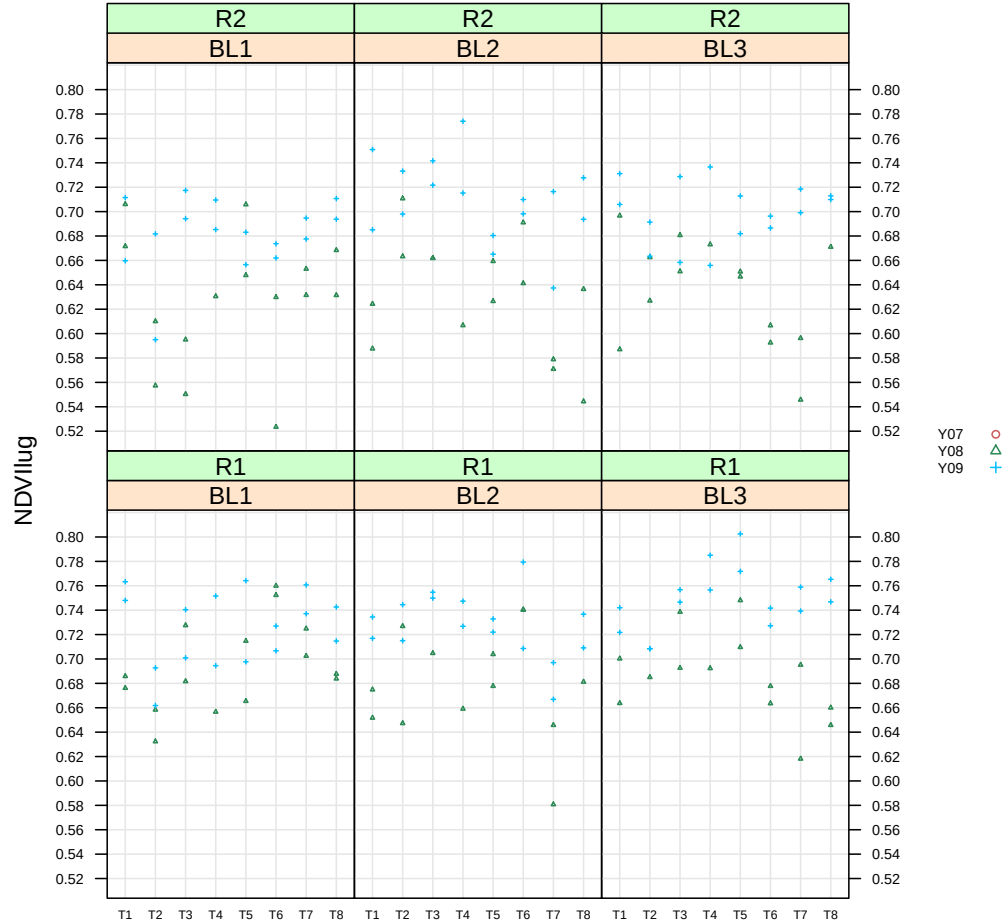


Figura 4.75: Dotplot per Tesi entro Blocco dell'Indice NDVI (luglio)

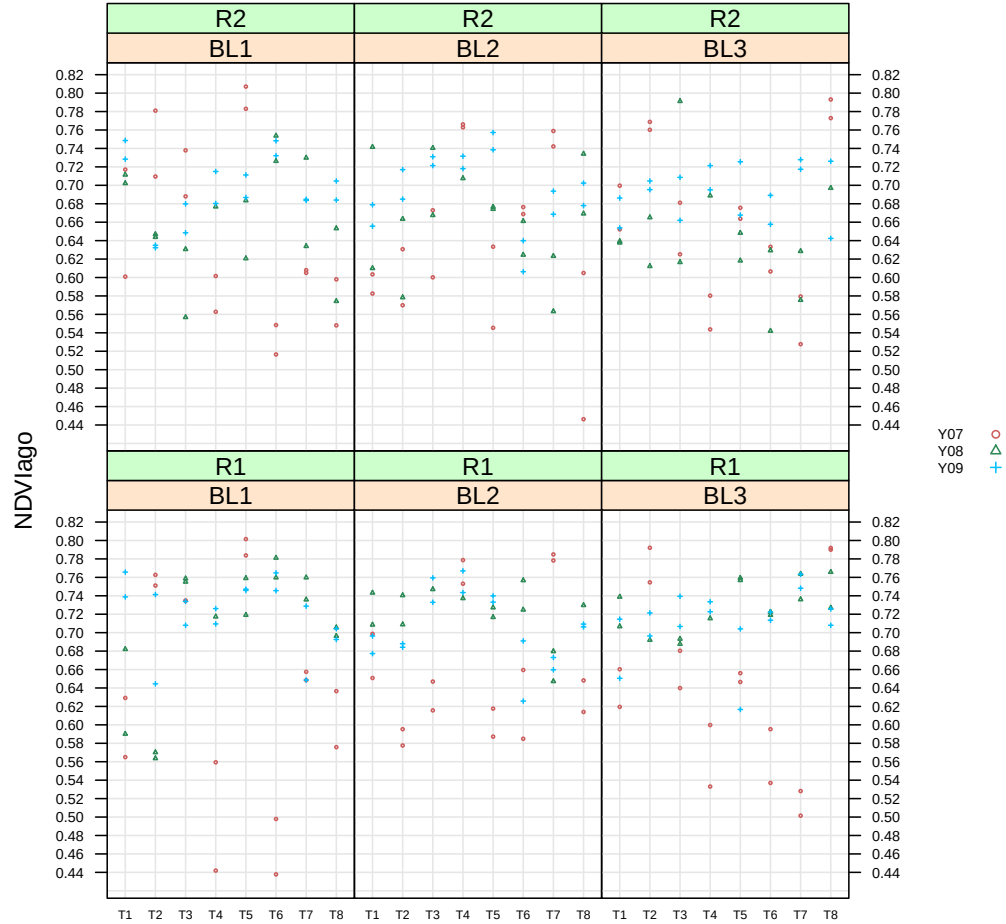


Figura 4.76: Dotplot per Tesi entro Blocco dell'Indice NDVI (agosto)

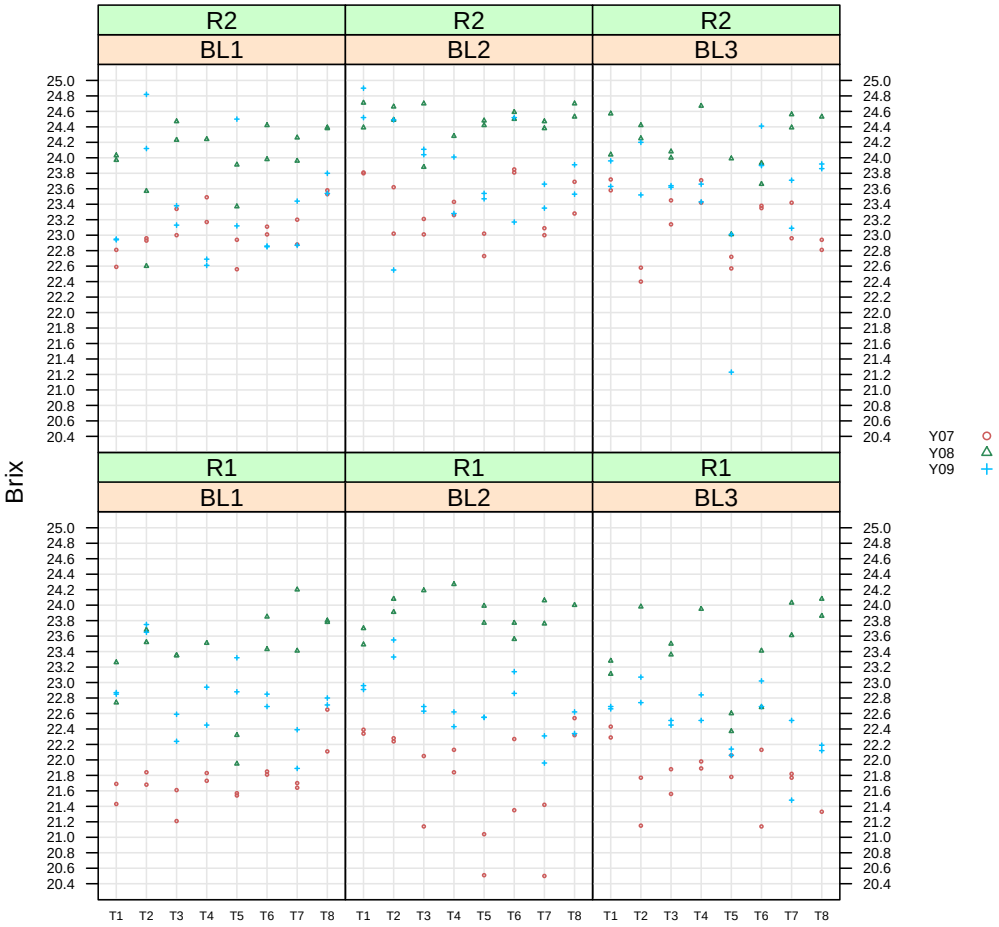


Figura 4.77: Dotplot per Tesi entro Blocco del Brix

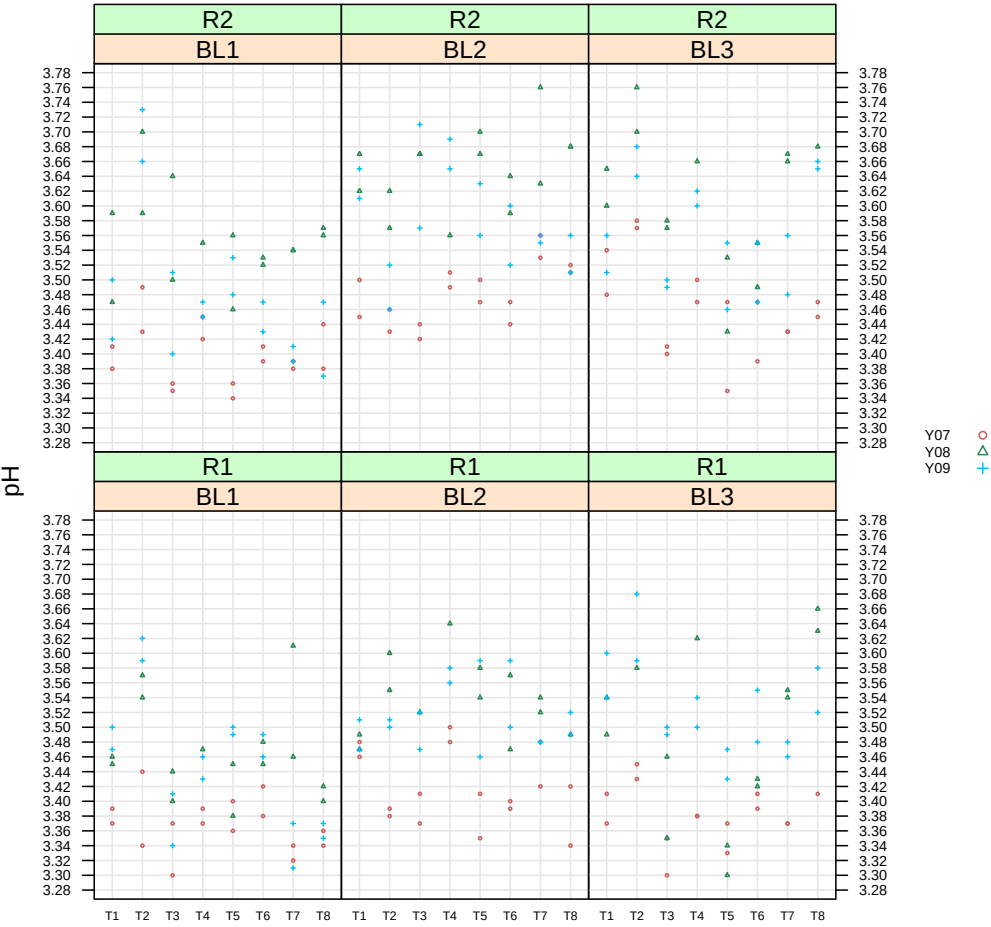


Figura 4.78: Dotplot per Tesi entro Blocco del pH

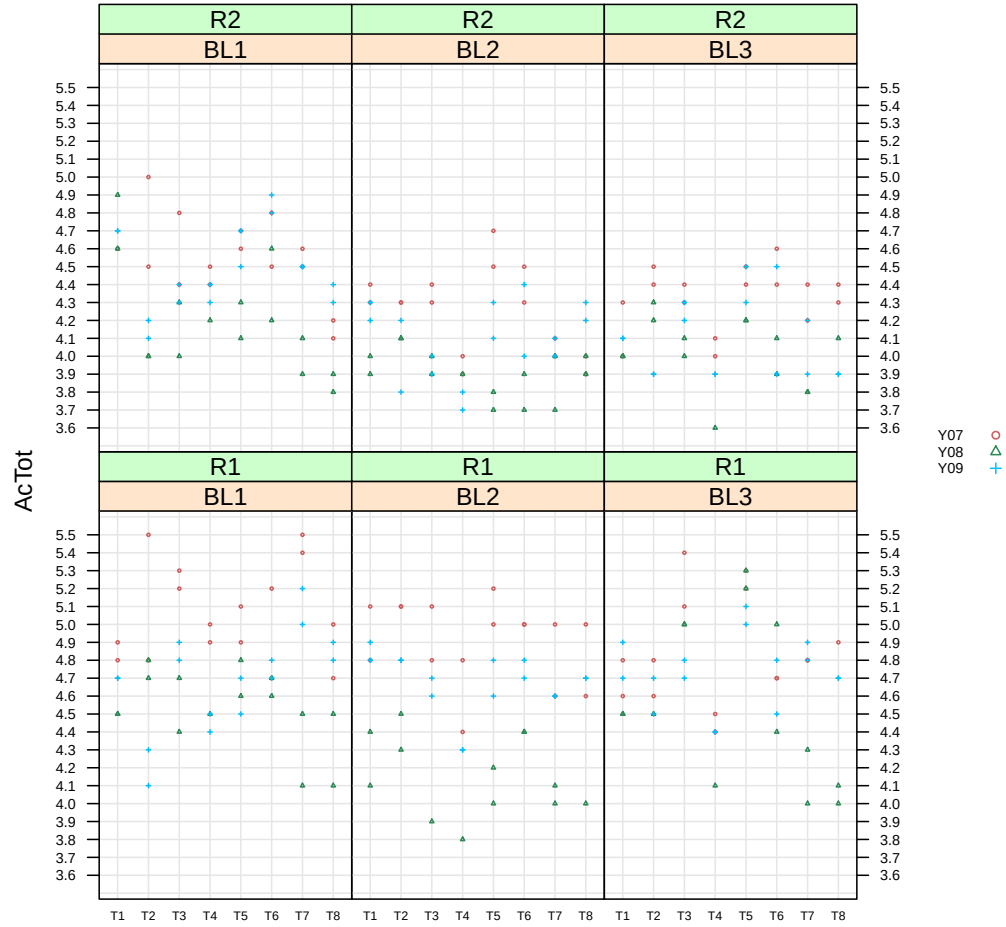


Figura 4.79: Dotplot per Tesi entro Blocco dell'Acidità totale

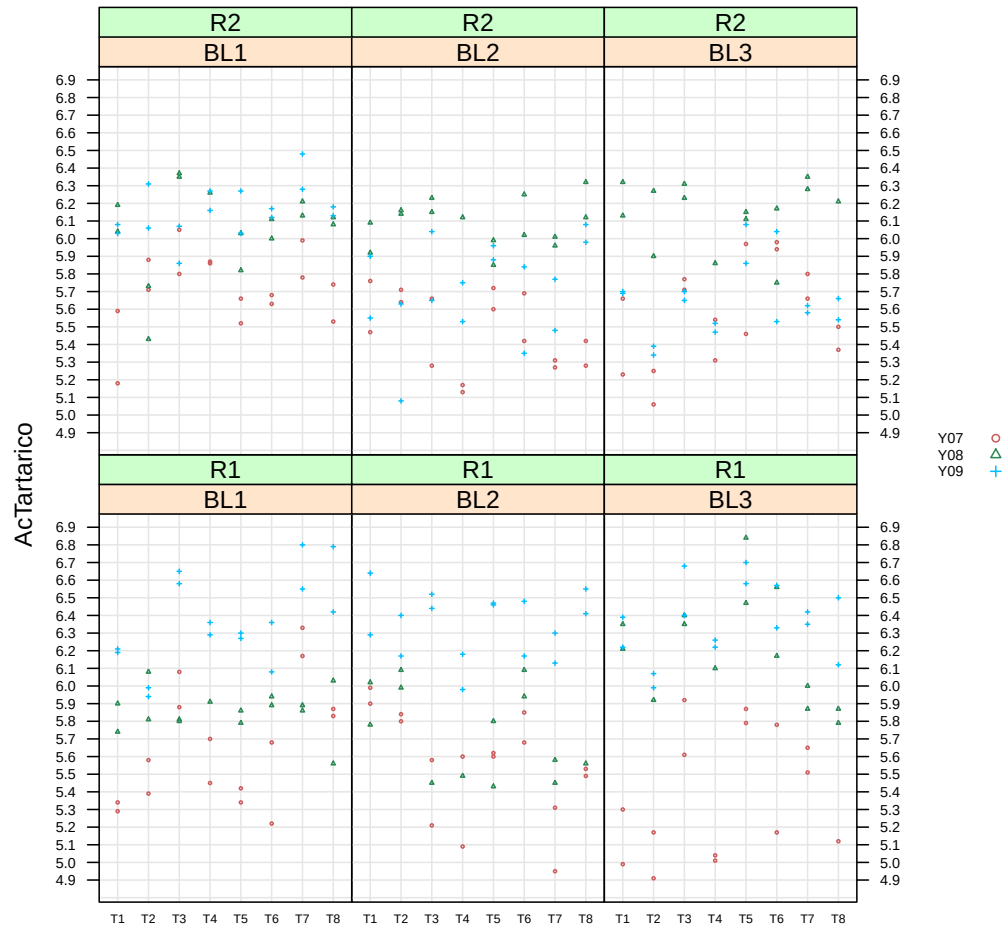


Figura 4.80: Dotplot per Tesi entro Blocco dell'Acido tartarico

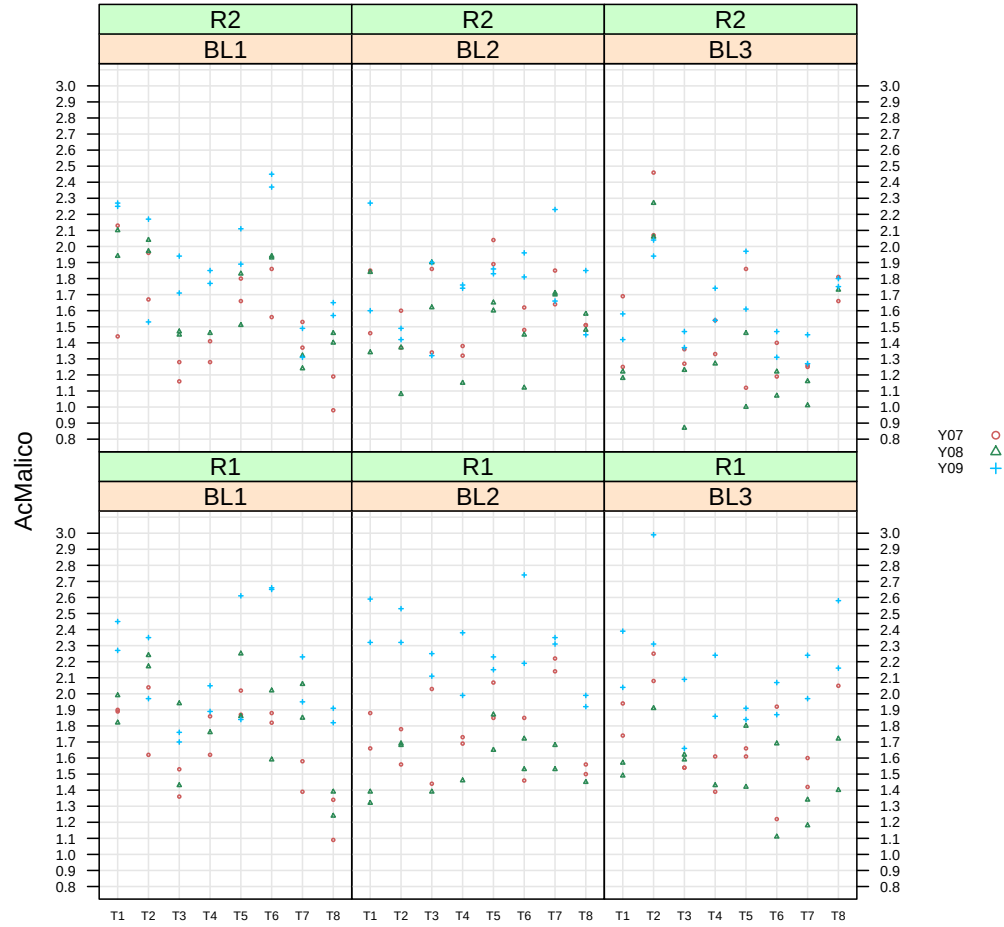


Figura 4.81: Dotplot per Tesi entro Blocco dell'Acido Malico

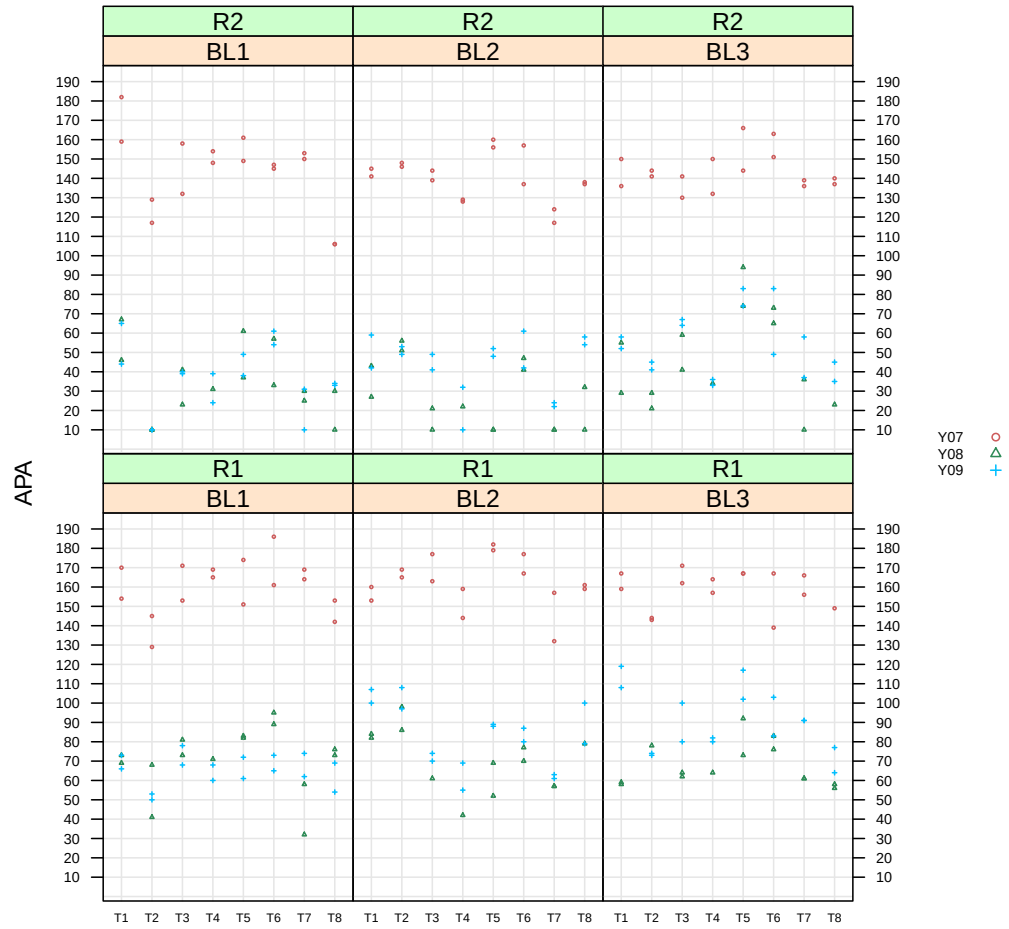


Figura 4.82: Dotplot per Tesi entro Blocco dell’Azoto prontamente assimilabile

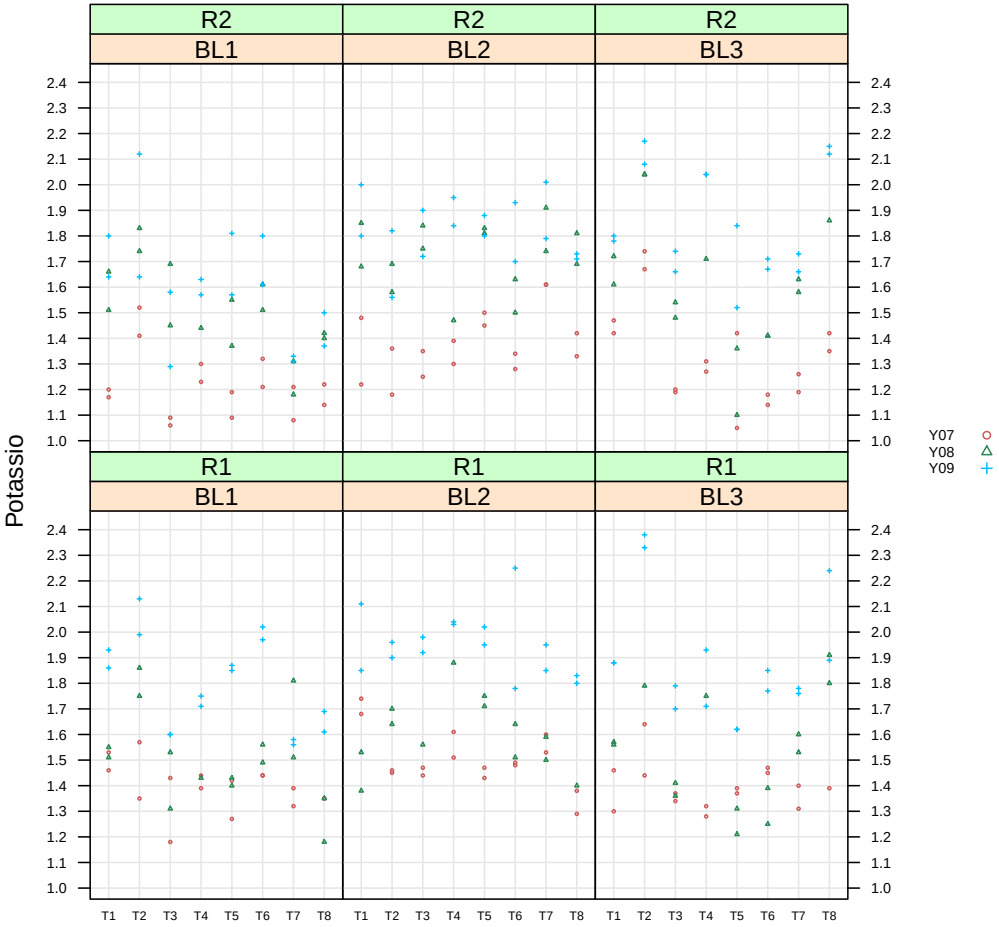


Figura 4.83: Dotplot per Tesi entro Blocco del Potassio

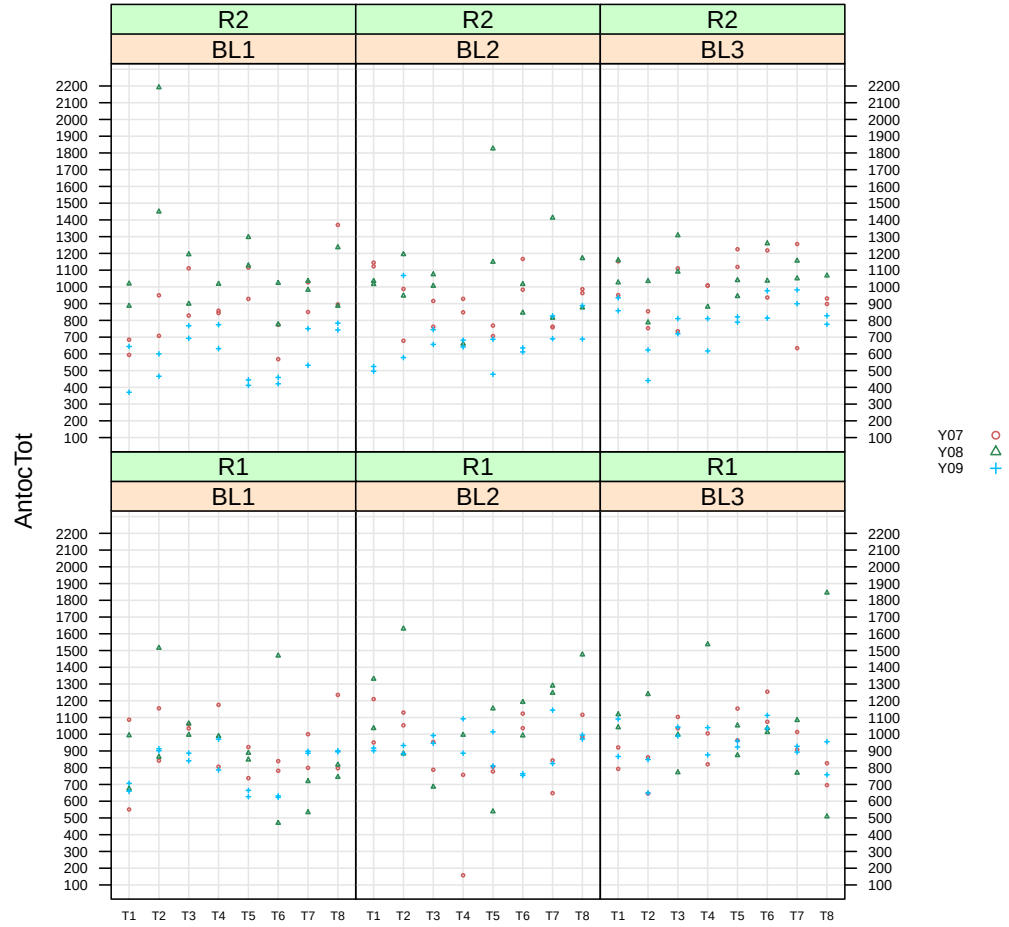


Figura 4.84: Dotplot per Tesi entro Blocco degli Antociani totali

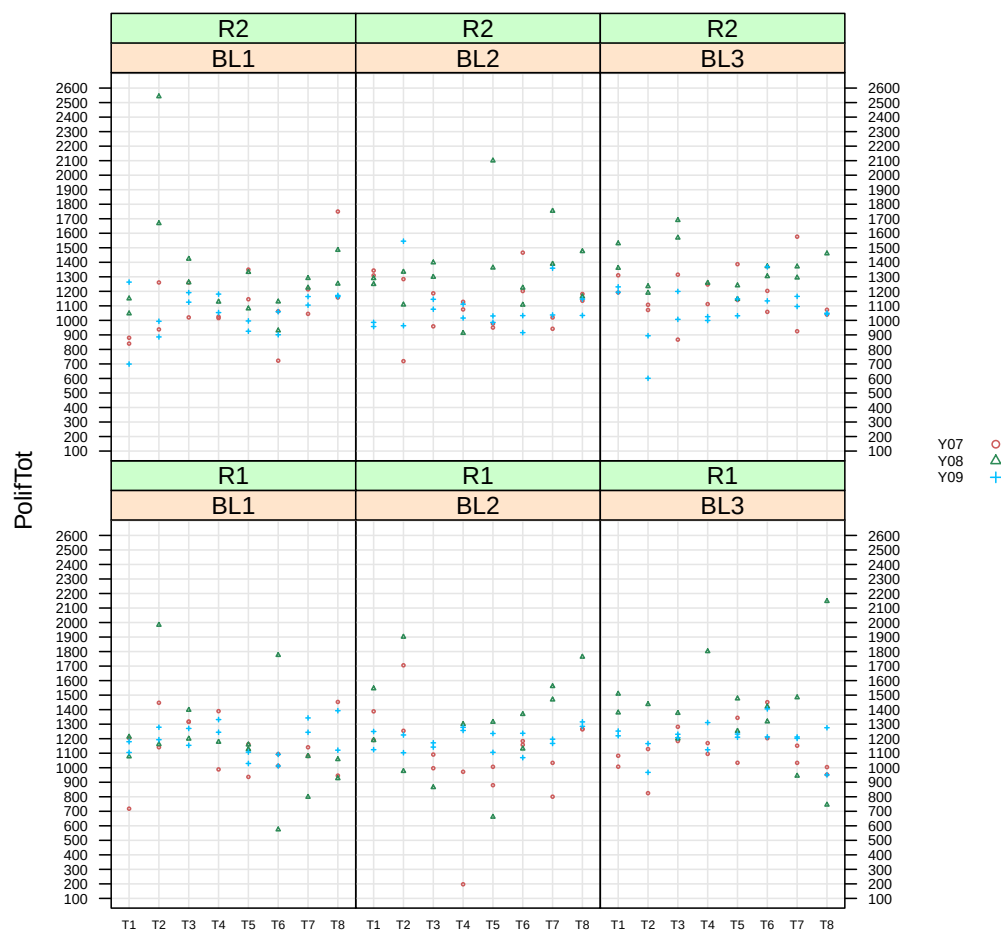


Figura 4.85: Dotplot per Tesi entro Blocco dei Polifenoli totali