Verein für
Association pour le
Associazione per il

medizinische Qualitätskontrolle
contrôle de qualité médical
controllo di qualità medico

Rapporto del controllo circolare

2017 - 3

MQ, Institut für Klinische Chemie, Universitätsspital Zürich, 8091 Zürich
Telefono 044/255 34 11, Telefax 043/508 07 02, www.mqzh.ch, info@mqzh.ch

Campioni

Prima e durante la spedizione sono state controllate l'omogeneità e la stabilità di tutti i campioni e non sono state riscontrate irregolarità. I test sono stati condotti nei laboratori dell'ospedale universitario di Zurigo (http://www.uzl.usz.ch/).
I seguenti campioni sono stati prodotti appositamente per MQ in subappalto:
B1 Strep A Test, B2 Uricult, H4 Ematologia parassitaria, K14 Marker tumorale.

Determinazione dei valori assegnati

Per ogni valore assegnato è indicato il tipo di procedura secondo ISO17043:2010, B2.1 (colonna "tipo"):

a) Valori noti, derivati dalla formulazione del materiale
b) Valori di riferimento certificati per campioni particolari
c) Valori di riferimento, determinati da analisi
d) Valori di consenso da laboratori partecipanti esperti
e) Valori di consenso dai partecipanti

In gruppi con più di 9 partecipanti i valori assegnati vengono in genere determinati con il valore di consenso ("e"). Per la determinazione del valore bersaglio viene utilizzato il valore medio del collettivo di quel metodo. I valori con una deviazione rispetto al valore teorico superiore a 1.5 volte la tolleranza Qualab vengono considerati outlier ed eliminati dal calcolo del valore bersaglio. Come valore di partenza per l'eliminazione degli outlier si utilizzano i risultati degli esami di idoneità.
Per garantire a tutti i partecipanti valori assegnati rappresentativi, in gruppi più piccoli possono essere adottate anche altre procedure.

Incertezza dei valori assegnati

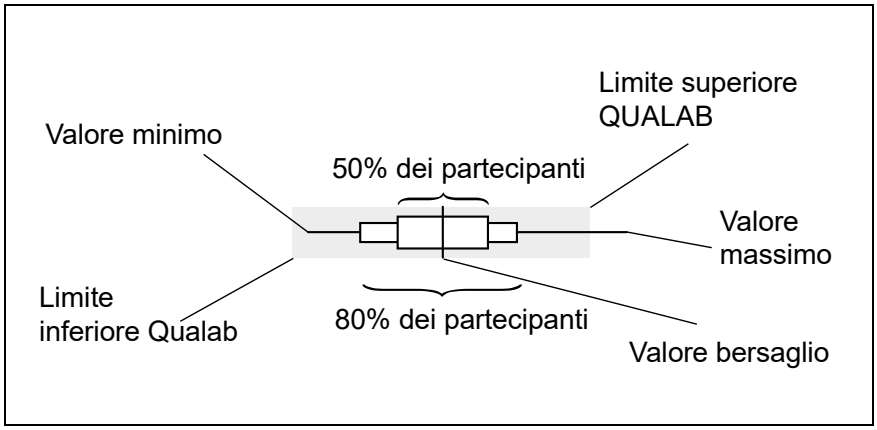
L'incertezza standard (ux) viene calcolata con la seguente formula (ISO13528):
ux = (valore assegnato/100) * 1.25/ radice quadrata del numero di partecipanti) * coeff. variazione (CV)%
ux ha la stessa unità di misura del valore assegnato
ux è paragonabile alla deviazione standard (SD) del collettivo dei partecipanti (SD: valore assegnato* CV%/100)
Se i numero dei partecipanti è superiore a 18, l'incertezza standard è molto inferiore alla variabilità' del collettivo e può essere ignorata

Tolleranze QUALAB e MQ

Per le analisi obbligatorie vengono utilizzate le tolleranze Qualab (www.qualab.ch, externe Qualitätskontrolle). Per le analisi non obbligatorie le tolleranze vengono definite dal direttore dei controlli circolari MQ.
Se l'incertezza calcolata ux del valore assegnato è superiore al 15% della tolleranza QUALAB o MQ, appare un asterisco accanto alla lettera che descrive la procedura di calcolo del valore assegnato (per esempio "e*"), per avvisare il partecipante che l'incertezza del valore assegnato può avere un'influenza sull'esito del controllo.

Rappresentazioni grafiche

I risultati sono rappresentati graficamente come segue:



Confronto degli strumenti

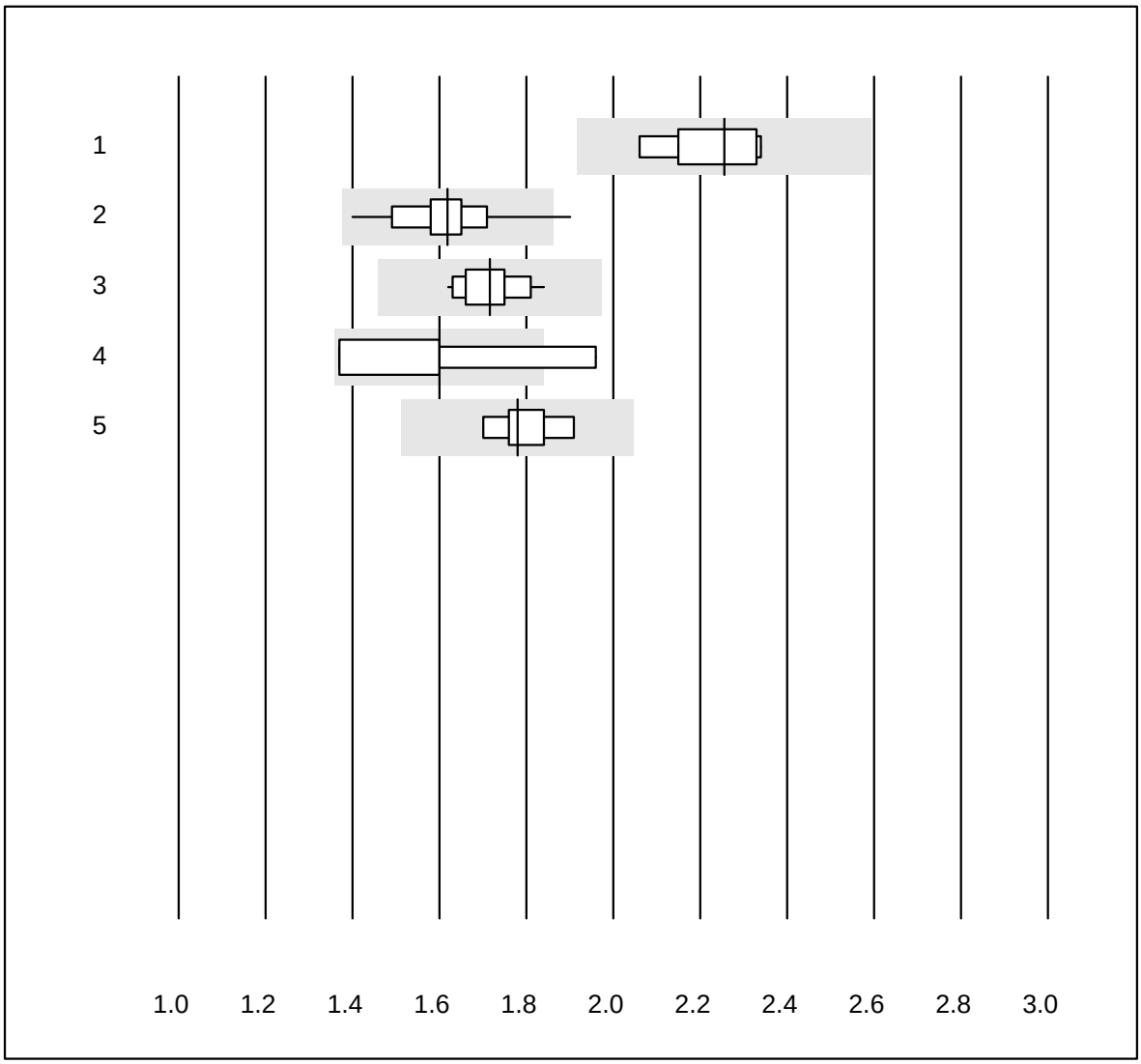
I dati in questa parte del rapporto consentono di paragonare l'efficienza dei vari strumenti. Non vanno però dimenticati i seguenti dettagli:

- Il campione di controllo K1 è un siero di controllo commerciale pronto per l'uso. Nonostante il campione sia di origine umana, non si può escludere l'insorgenza di effetti di matrice. Questi dipendono dallo strumento e portano a valori assegnati differenti.
- E' stato analizzato solo un campione. Poiché la distribuzione dei risultati dipende dalla natura del campione (effetto matrice) e dal valore stesso, i coefficienti di variazione determinati (in %) non hanno una validità generale.
- Gran parte dei valori anomali deriva da errori amministrativi (unità di misura sbagliata, scambio dei risultati) o da errori di manualità (campione sbagliato, non correttamente disciolto, non abbastanza mescolato) e non ha a che fare con lo strumento.

Zurigo, 29.9.2017

Dr. R. Fried
Direttore controlli circolari

Quick OA

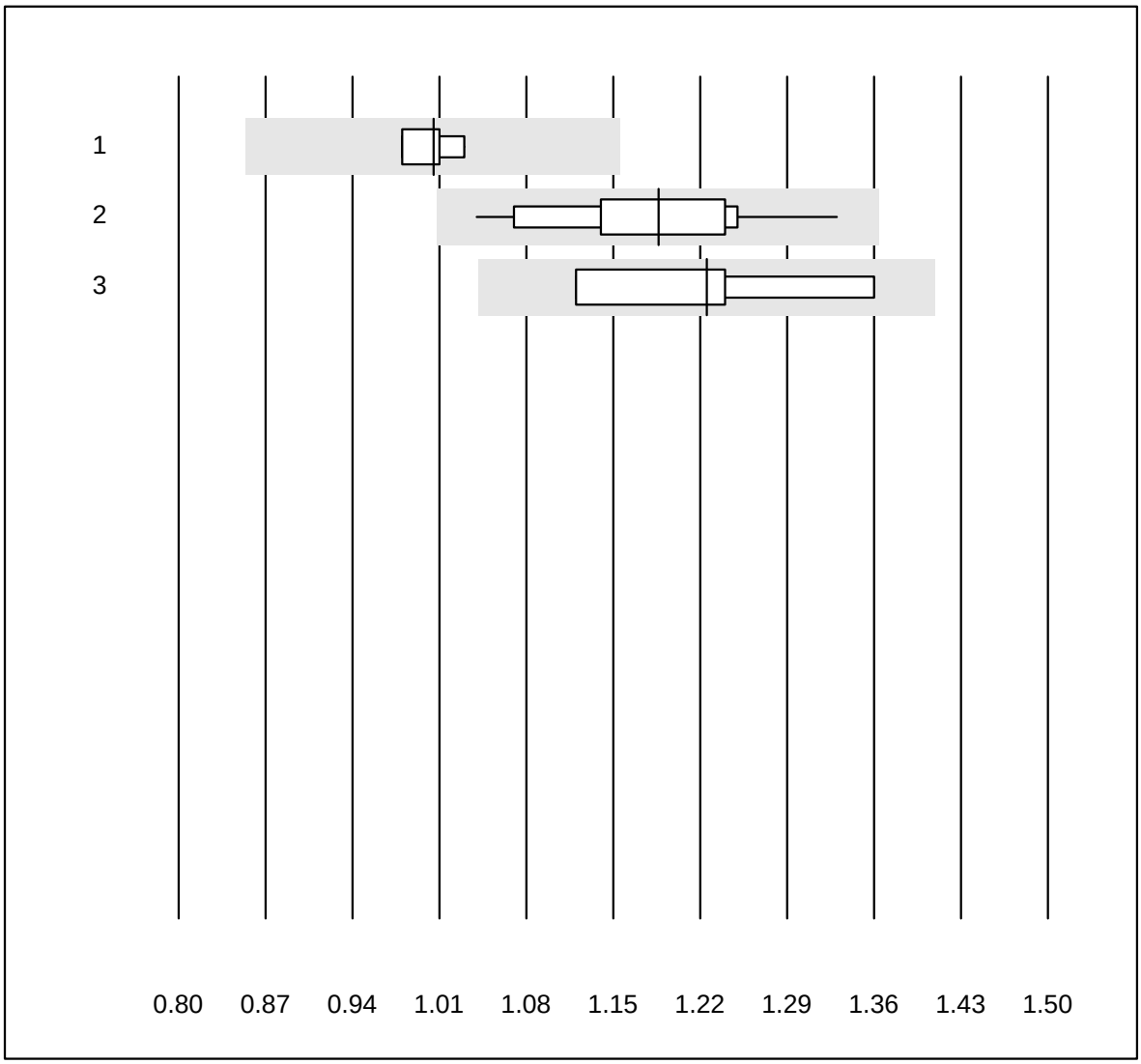


Tolleranza QUALAB : 15 %

Quick OA ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Neoplastin Plus	6	100.0	0.0	0.0	2.26	5.2	e*
2	Innovin	17	94.1	5.9	0.0	1.62	6.6	e
3	Recombiplastin 2G	17	100.0	0.0	0.0	1.72	4.0	e
4	Eurolyser	5	60.0	20.0	20.0	1.60	15.1	e*
5	Neoplastin R	9	100.0	0.0	0.0	1.78	3.5	e

Fibrinogeno OA

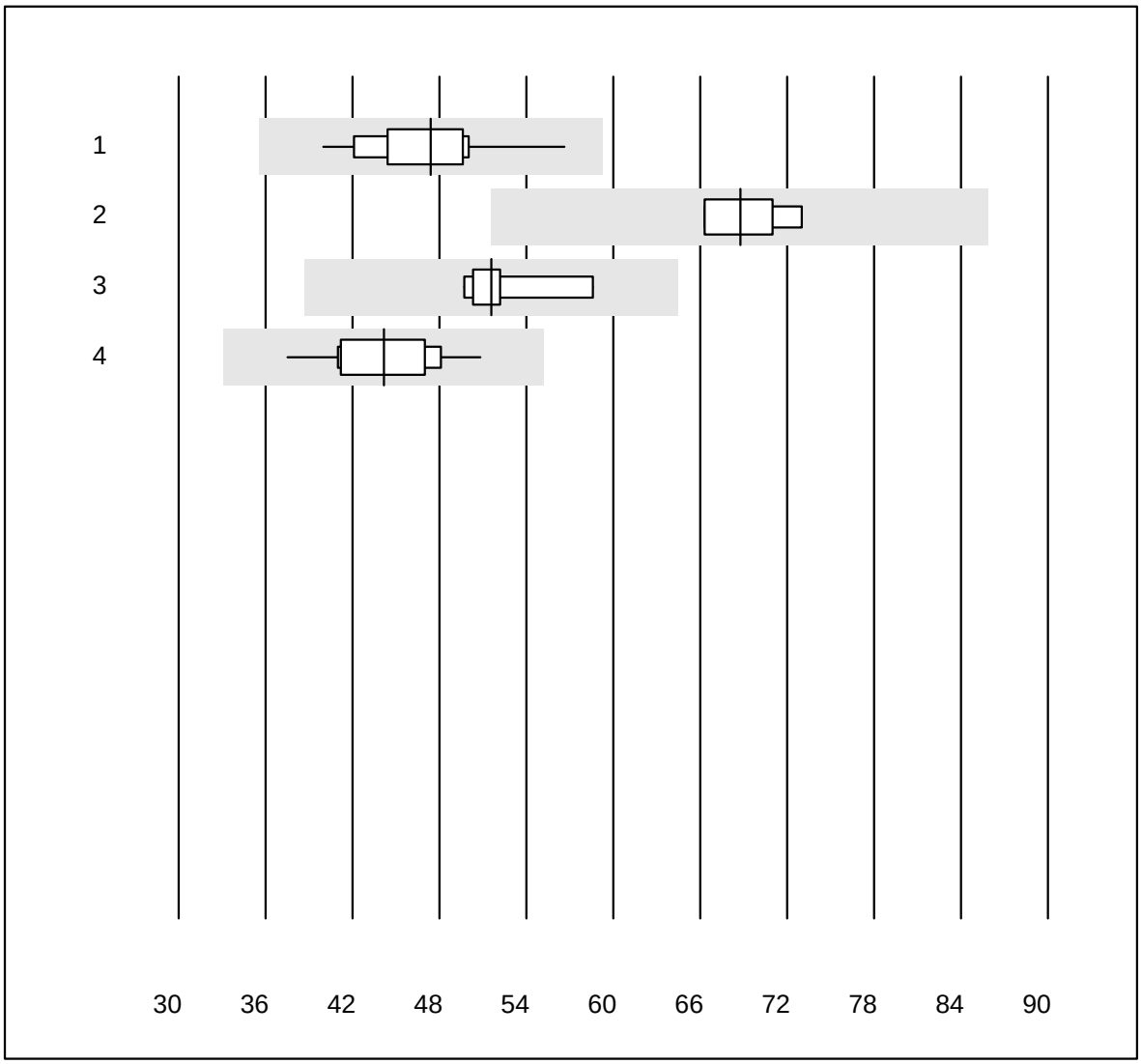


Tolleranza QUALAB : 15 %

Fibrinogeno OA (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	1.01	2.1	e
2	Stago/STA	11	100.0	0.0	0.0	1.19	7.0	e*
3	Fibrinogen Q.F.A.	8	100.0	0.0	0.0	1.23	6.4	e*

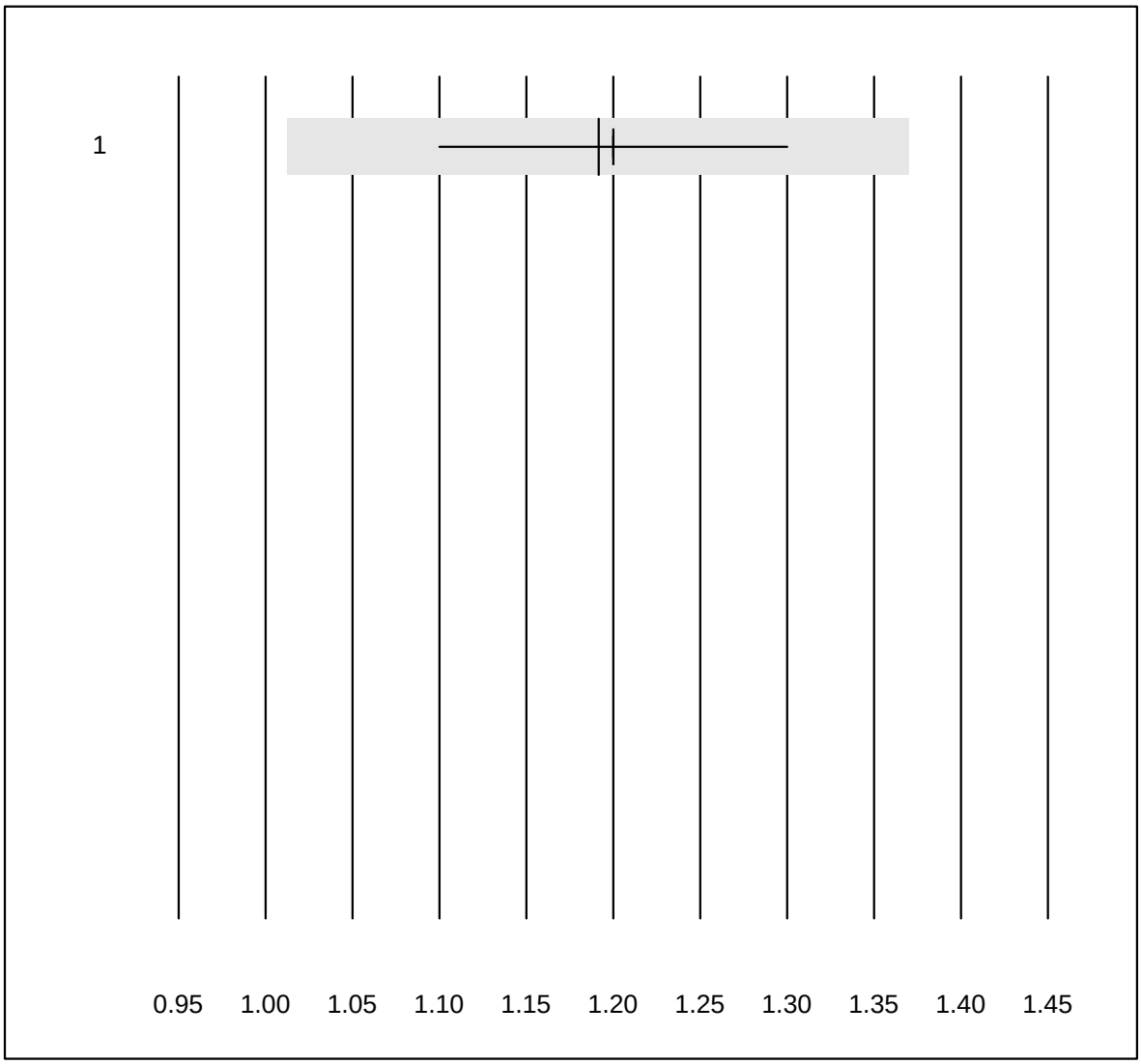
aPTT OA



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Actin FS	11	100.0	0.0	0.0	47.4	9.4	e
2	Pathromtin SL	4	100.0	0.0	0.0	68.8	4.8	e
3	Stago/STA	9	100.0	0.0	0.0	51.6	6.1	e
4	aPTT-SP	12	100.0	0.0	0.0	44.2	8.4	e

INR CoaguChek

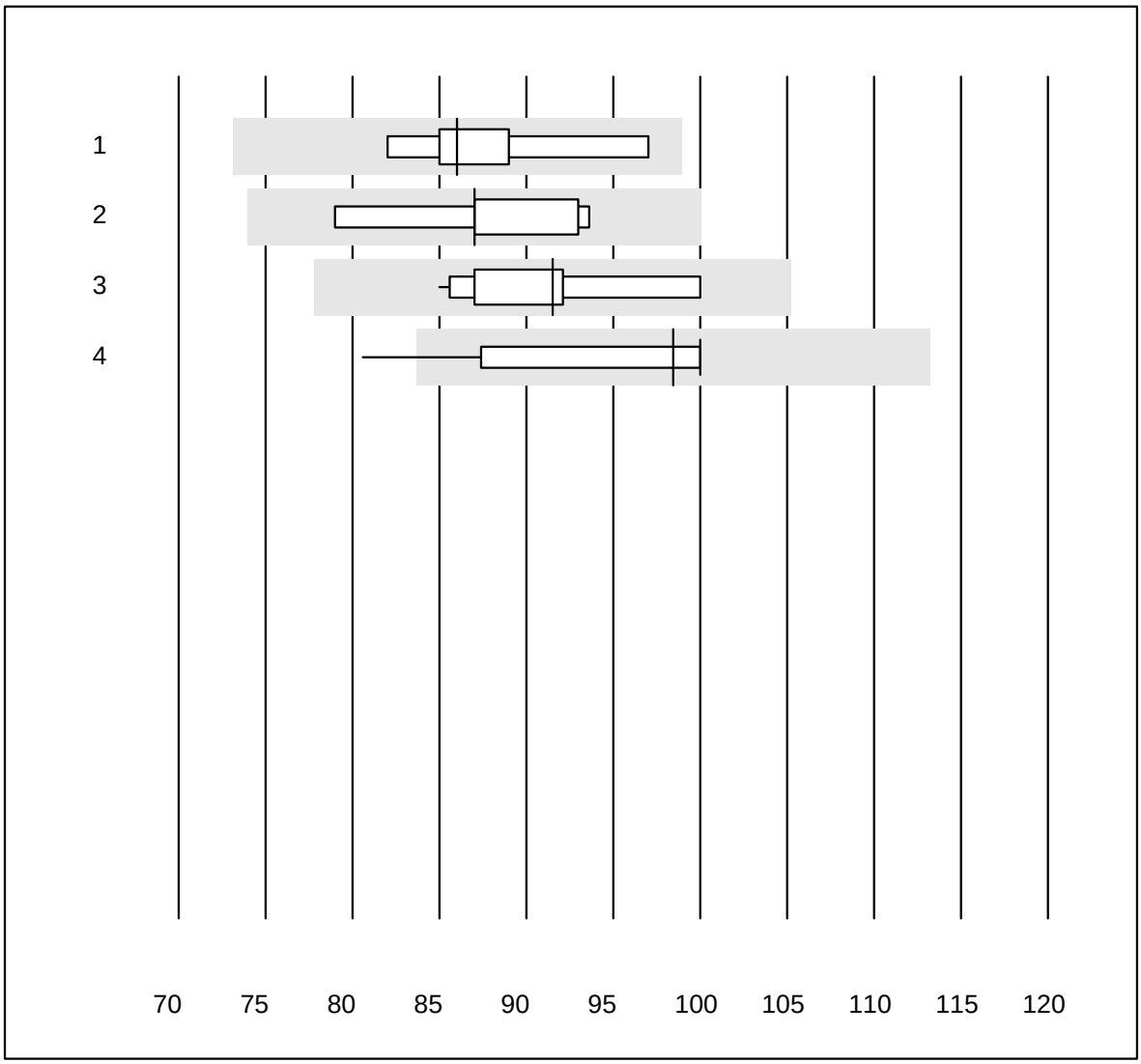


Tolleranza QUALAB : 15 %

INR CoaguChek ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CoaguChek Pro II	188	98.9	0.0	1.1	1.2	2.5	e

Quick N

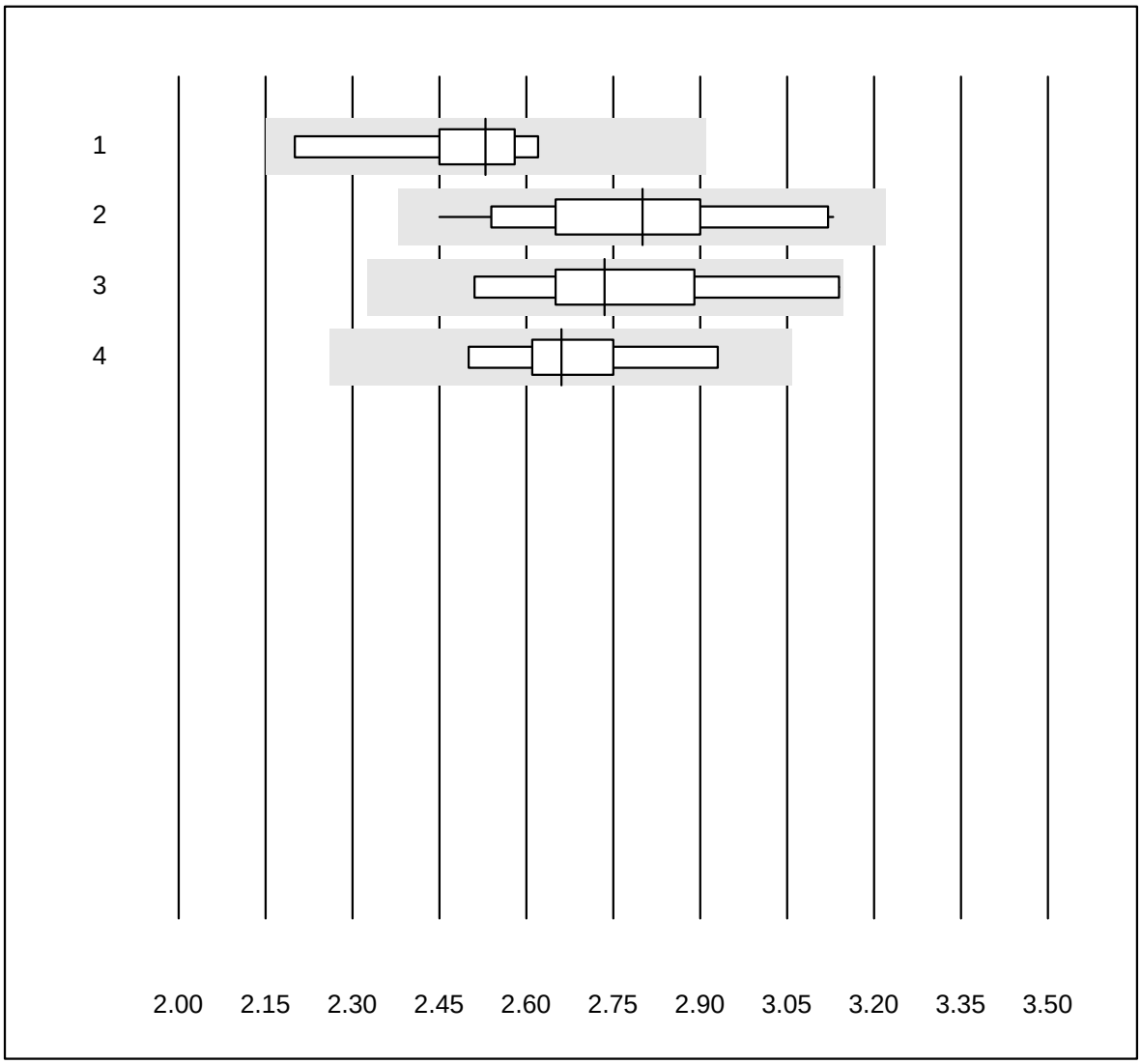


Tolleranza QUALAB : 15 %

Quick N (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Neoplastin R	7	100.0	0.0	0.0	86	5.4	e*
2	Neoplastin Plus	5	100.0	0.0	0.0	87	6.7	e*
3	Innovin	12	100.0	0.0	0.0	92	6.1	e
4	Recombiplastin 2G	17	94.1	5.9	0.0	98	6.0	e

Fibrinogeno N

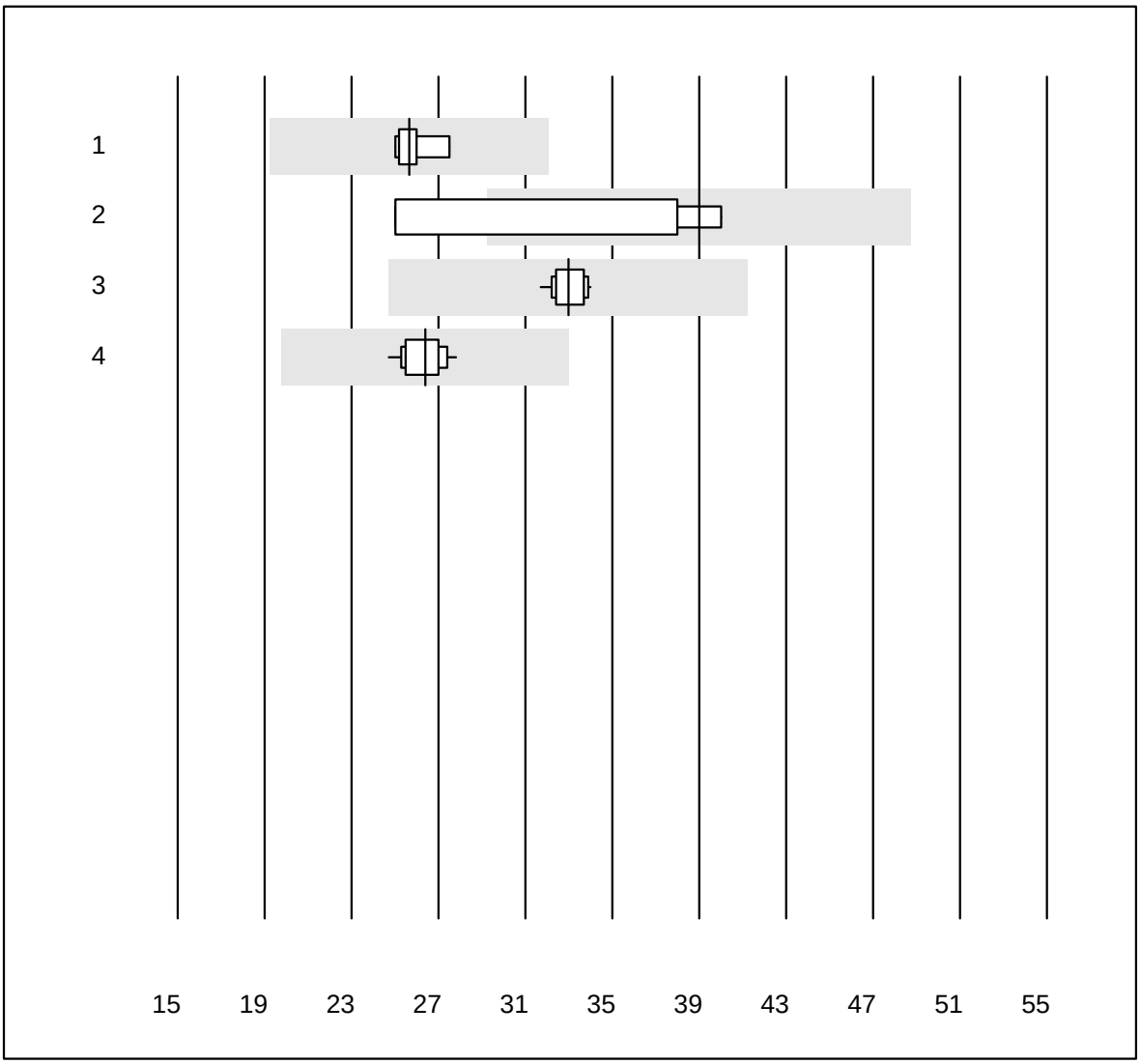


Tolleranza QUALAB : 15 %

Fibrinogeno N (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Siemens Thrombin	6	100.0	0.0	0.0	2.53	6.1	e*
2	Stago/STA	11	100.0	0.0	0.0	2.80	7.6	e*
3	Fibrinogen Q.F.A.	8	100.0	0.0	0.0	2.74	6.9	e*
4	Fib Clauss (IL)	7	100.0	0.0	0.0	2.66	5.0	e*

aPTT N

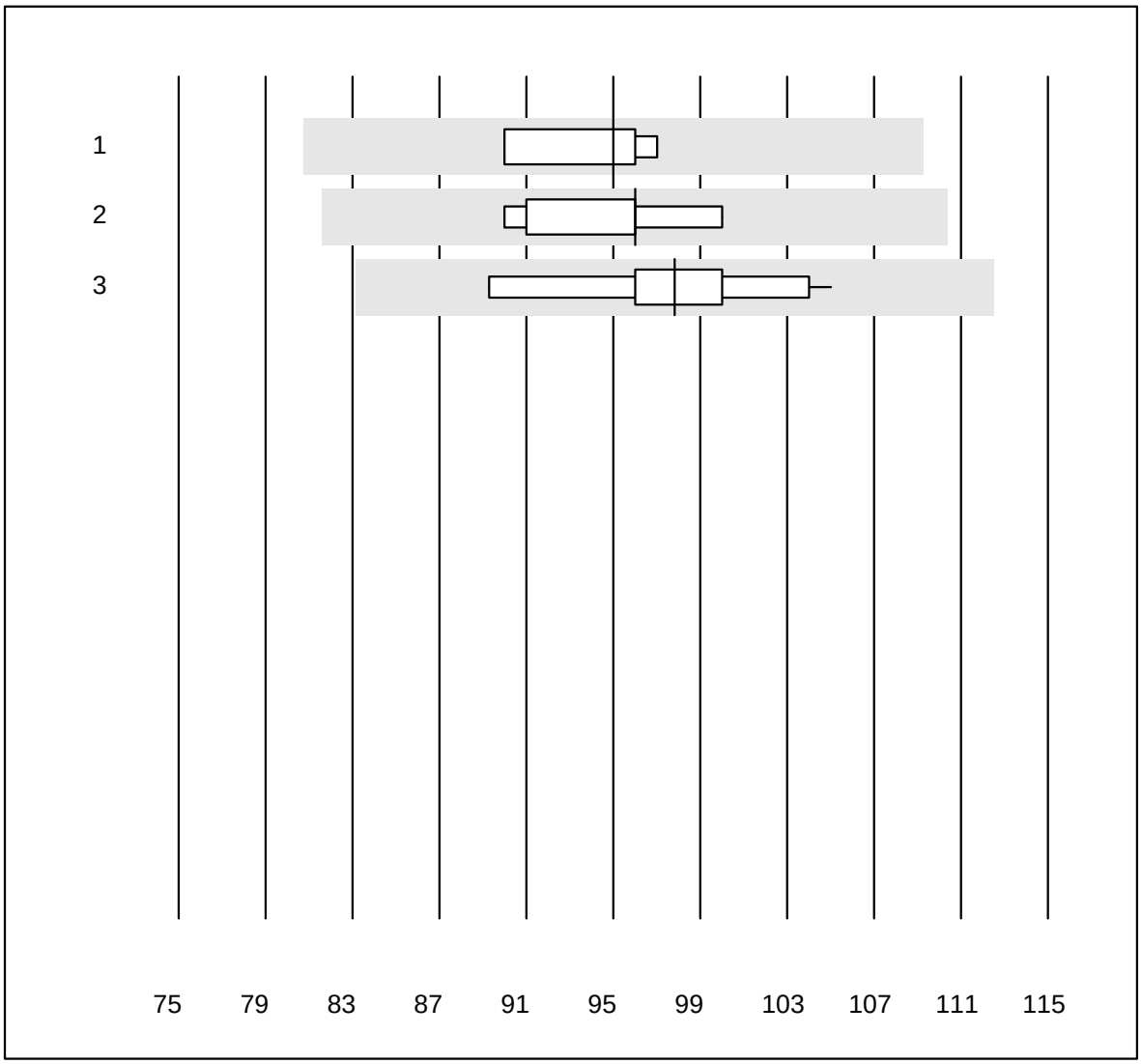


Tolleranza QUALAB : 25 %

aPTT N (Sek)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Actin FS	6	100.0	0.0	0.0	25.7	3.5	e
2	Pathromtin SL	4	75.0	25.0	0.0	39.0	19.5	e*
3	Stago/STA	11	100.0	0.0	0.0	33.0	2.2	e
4	aPTT-SP	13	100.0	0.0	0.0	26.4	3.5	e

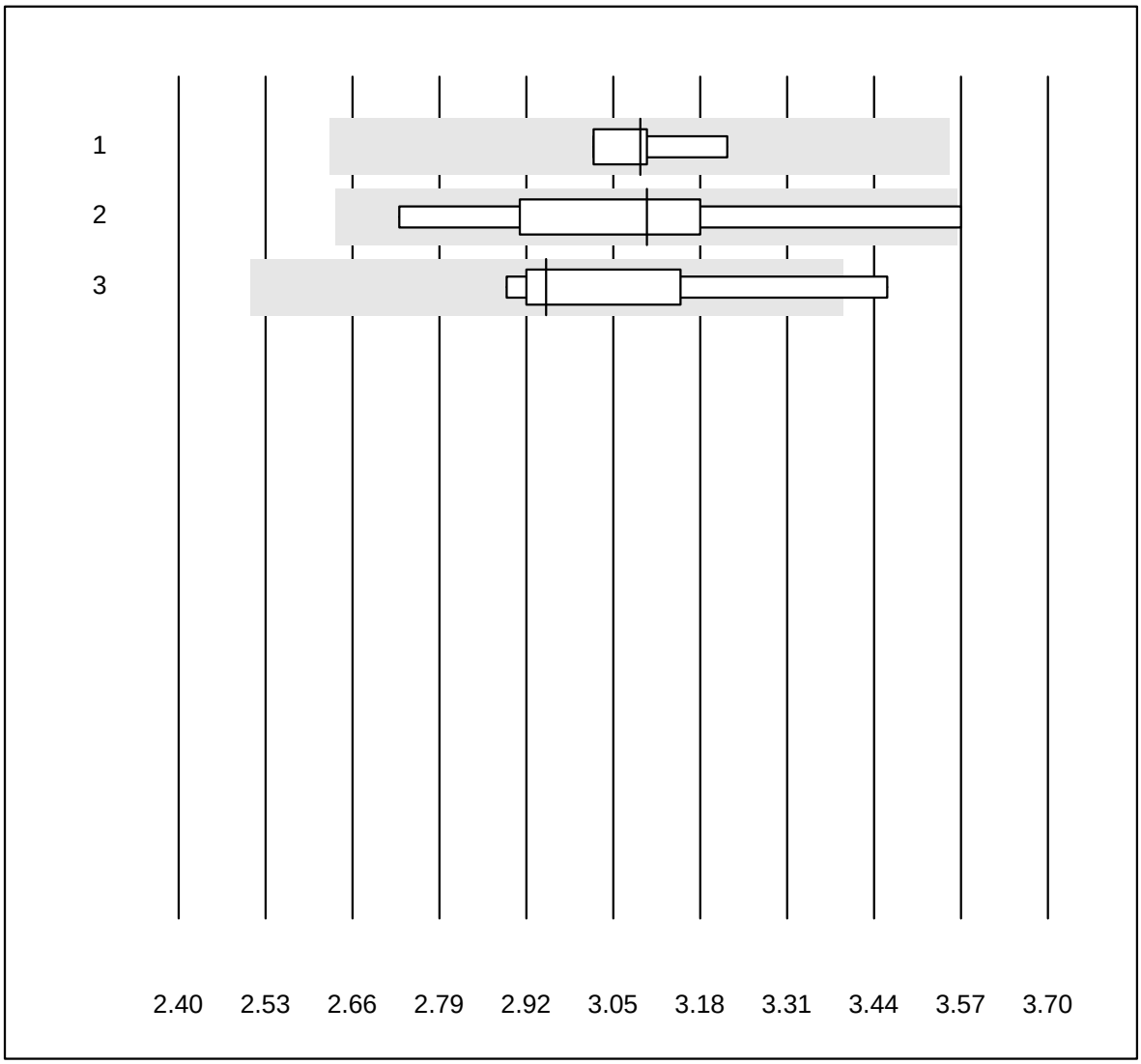
Quick H



Tolleranza QUALAB : 15 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Neoplastin R	7	100.0	0.0	0.0	95	3.1	e
2	Innovin	9	100.0	0.0	0.0	96	3.9	e
3	Recombiplastin 2G	10	100.0	0.0	0.0	98	4.9	e

Fibrinogeno H

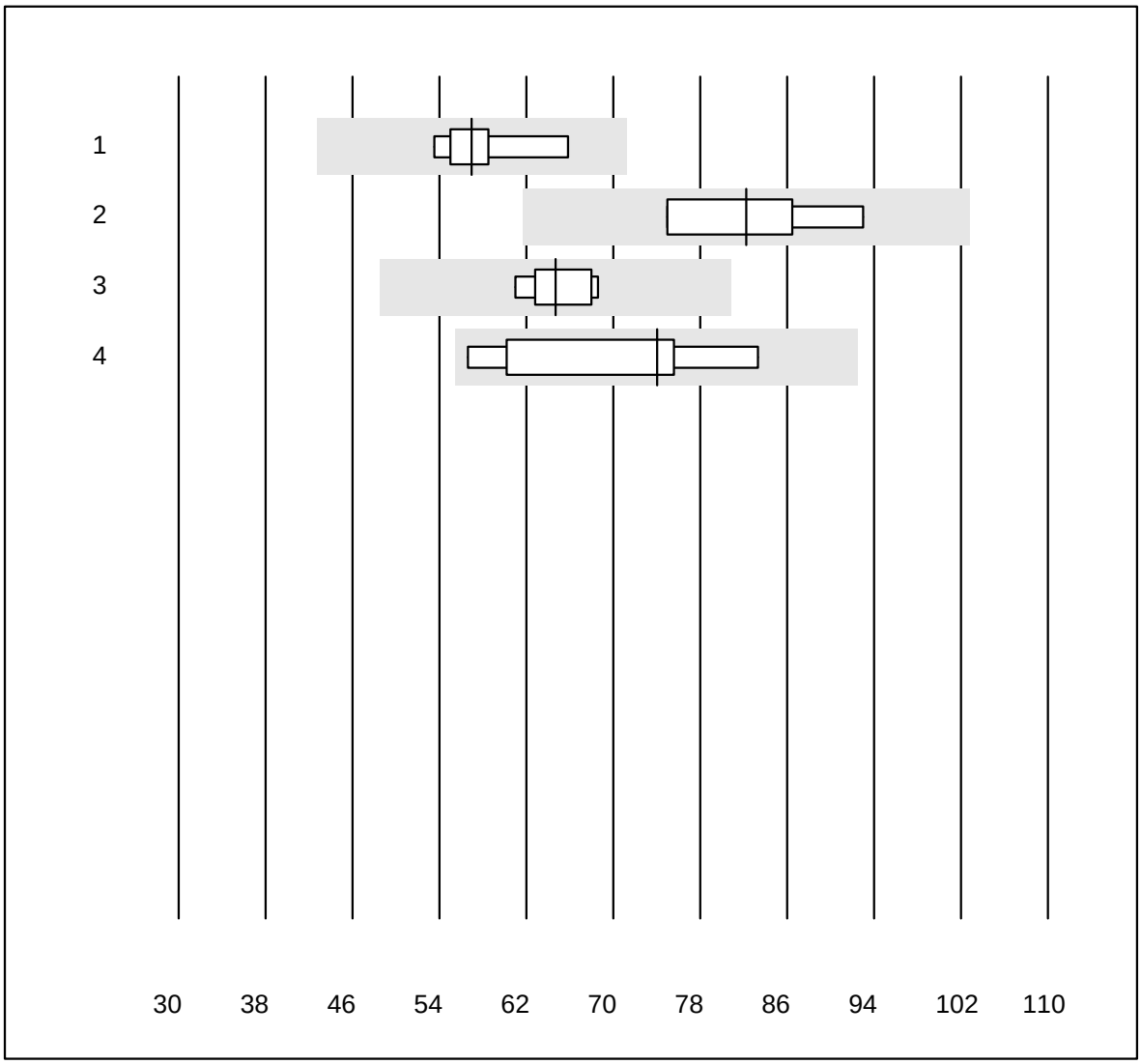


Tolleranza QUALAB : 15 %

Fibrinogeno H (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Siemens Thrombin	4	100.0	0.0	0.0	3.09	2.7	e
2	Stago/STA	8	87.5	12.5	0.0	3.10	9.1	e*
3	Fib Clauss (IL)	5	80.0	20.0	0.0	2.95	7.8	e*

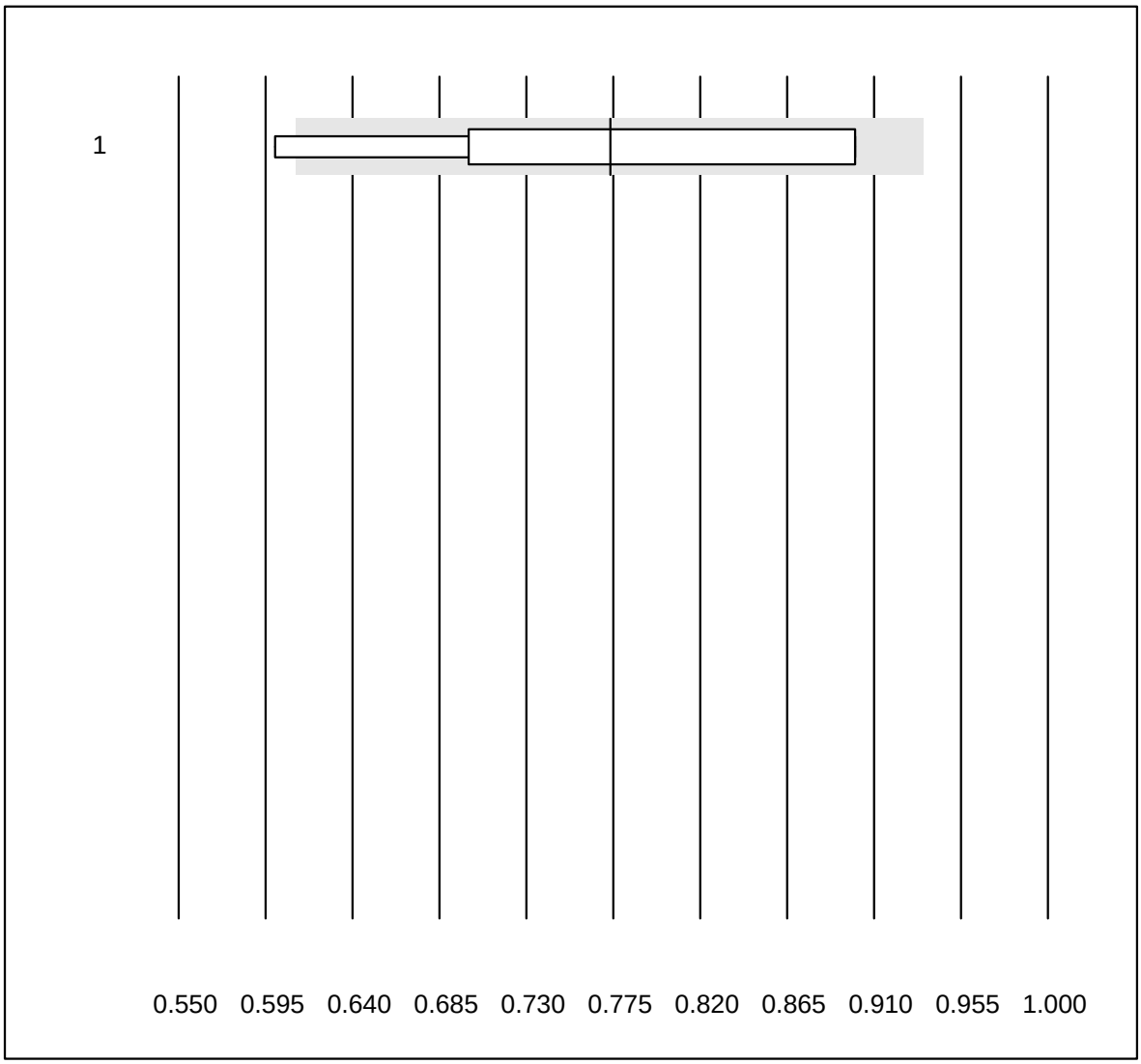
aPTT H



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Actin FS	8	100.0	0.0	0.0	57.0	6.7	e
2	altro	4	100.0	0.0	0.0	82.2	9.8	e*
3	Stago/STA	5	100.0	0.0	0.0	64.7	5.0	e
4	aPTT-SP	7	100.0	0.0	0.0	74.0	13.2	e*

D-Dimeri NC

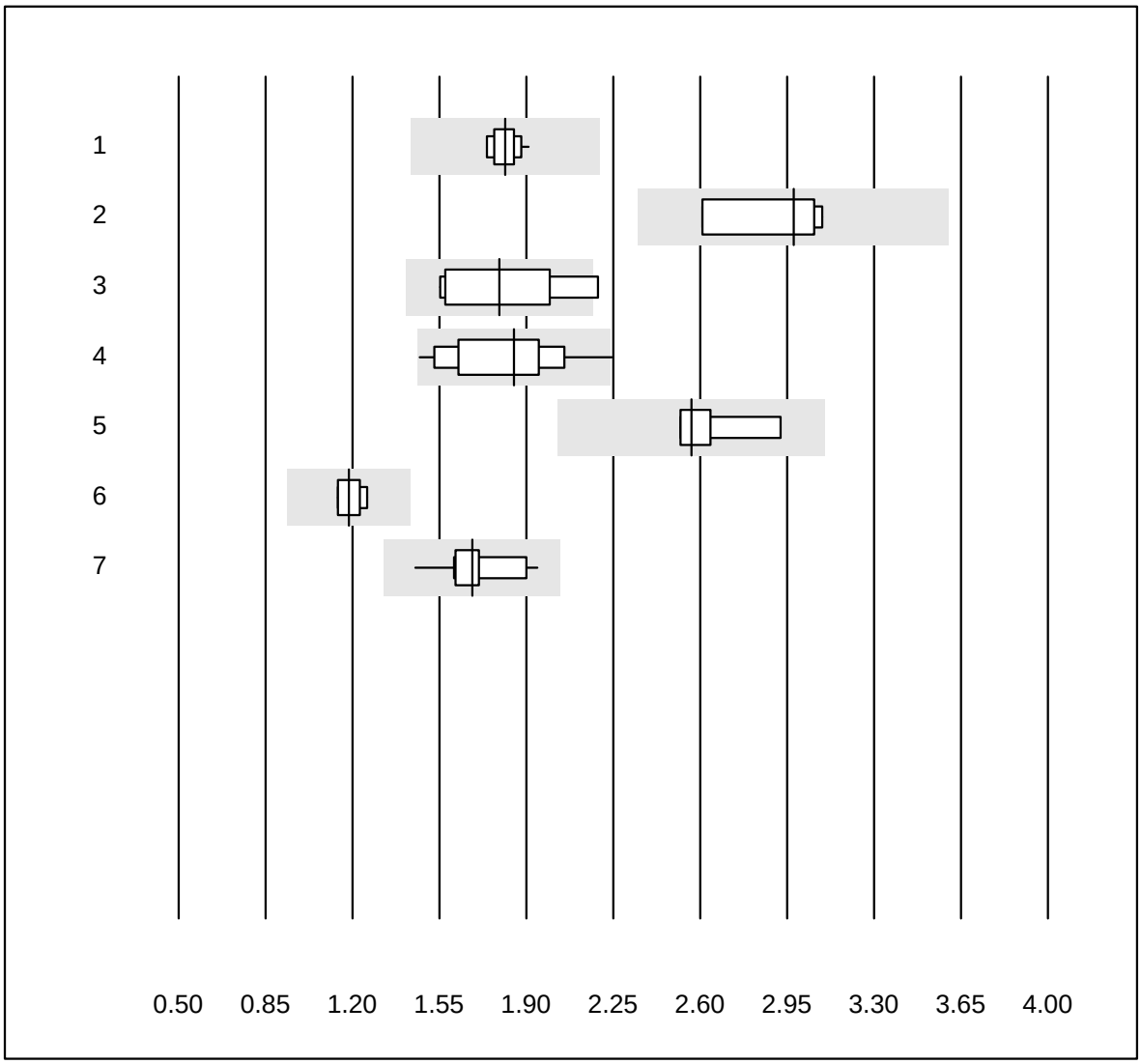


Tolleranza QUALAB : 21 %

D-Dimeri NC (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	NycoCard	18	66.6	16.7	16.7	0.77	15.8	e*

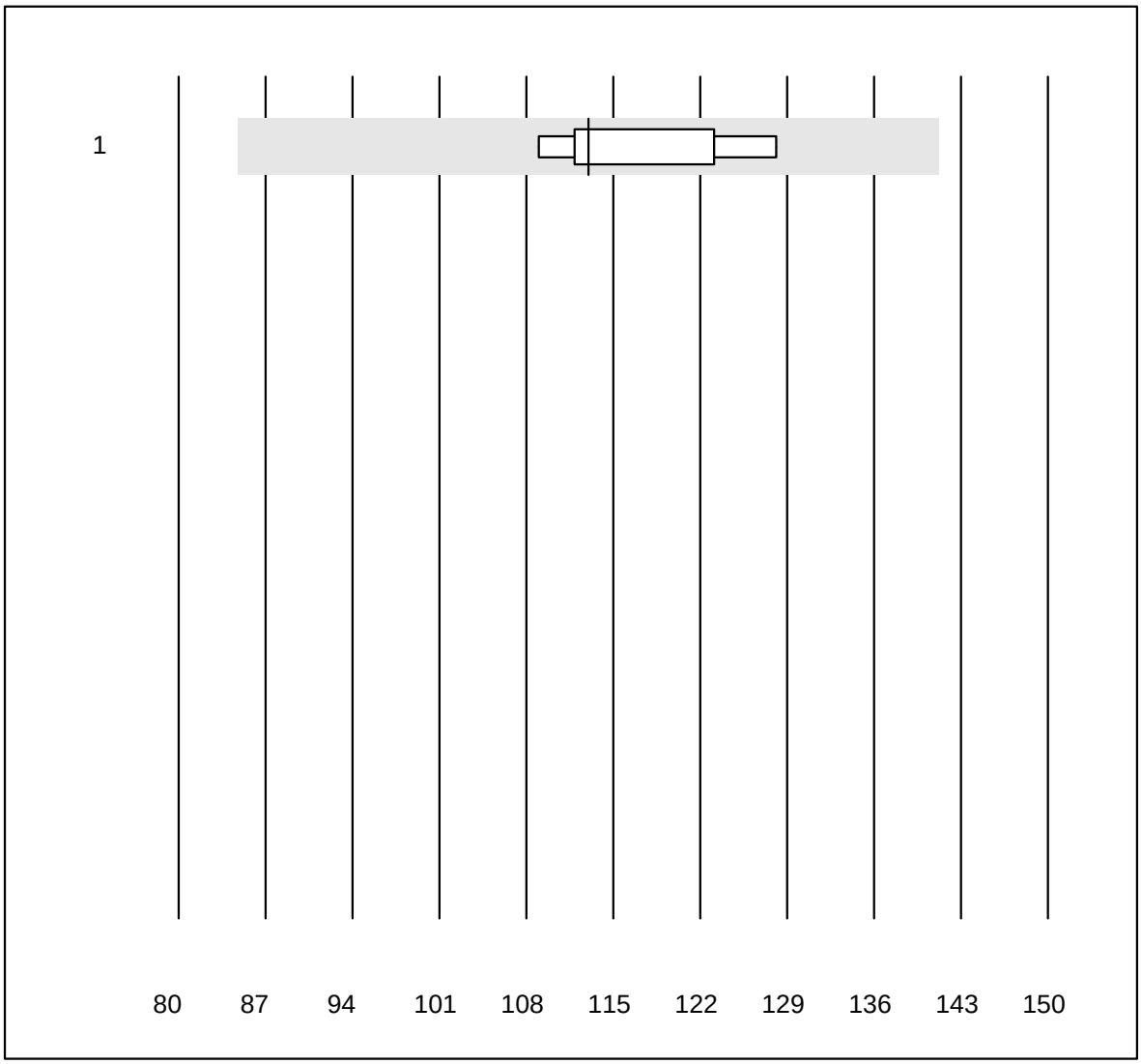
D-Dimeri



Tolleranza QUALAB : 21 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	STA Liatest	10	100.0	0.0	0.0	1.81	3.0	e
2	Siemens Innovance	4	100.0	0.0	0.0	2.98	7.6	e*
3	Eurolyser (Cutoff 0.	6	83.3	16.7	0.0	1.79	13.5	e*
4	Eurolyser	22	91.0	4.5	4.5	1.85	12.3	e*
5	ACL	6	100.0	0.0	0.0	2.56	5.9	e
6	AQT 90 FLEX	8	100.0	0.0	0.0	1.19	4.4	e
7	VIDAS	18	100.0	0.0	0.0	1.68	6.5	e

CoaguChek APTT

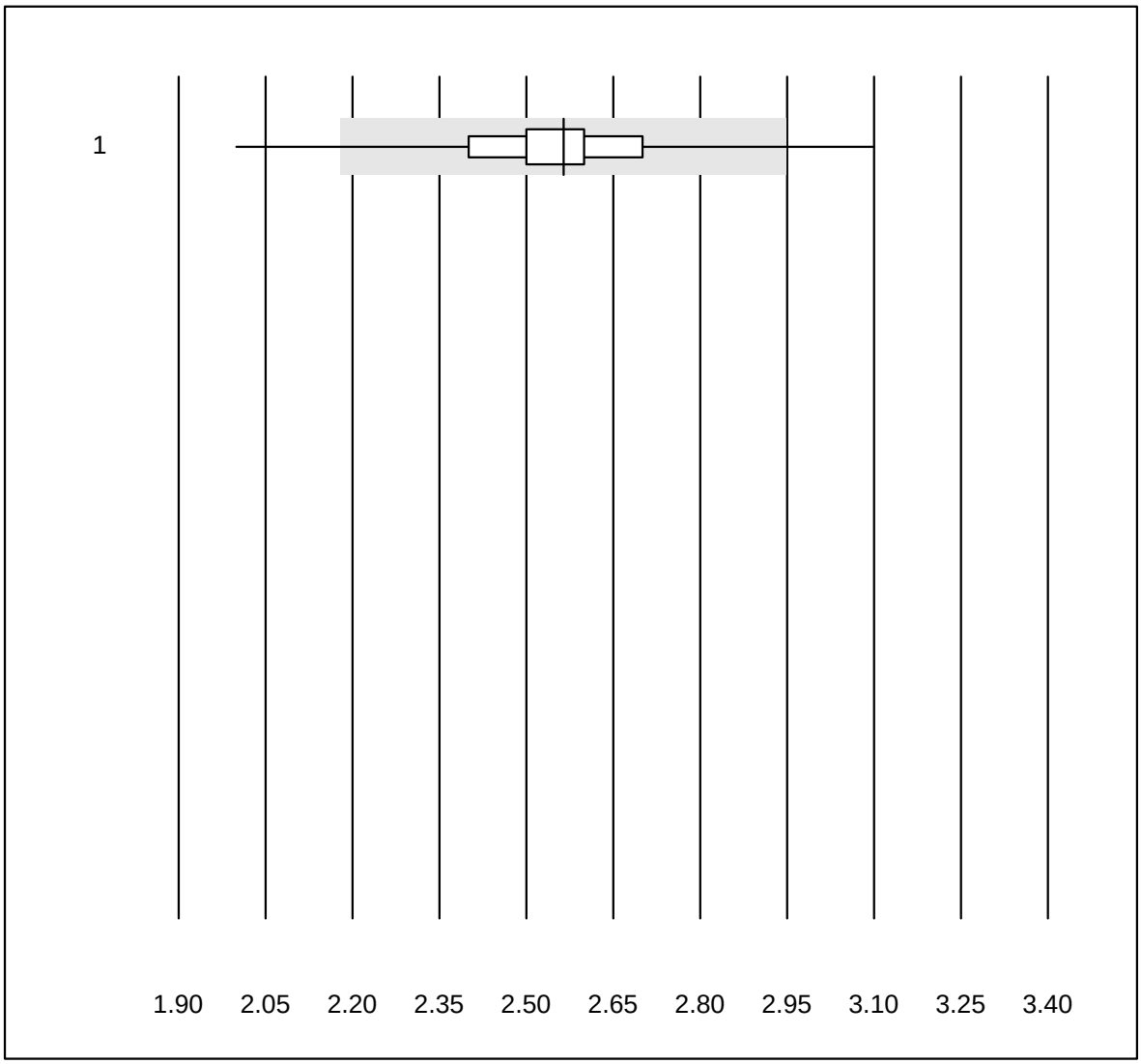


Tolleranza QUALAB : 25 %

CoaguChek APTT (Sek)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CoaguChek Pro II	7	100.0	0.0	0.0	113.0	6.1	e

INR CCXS

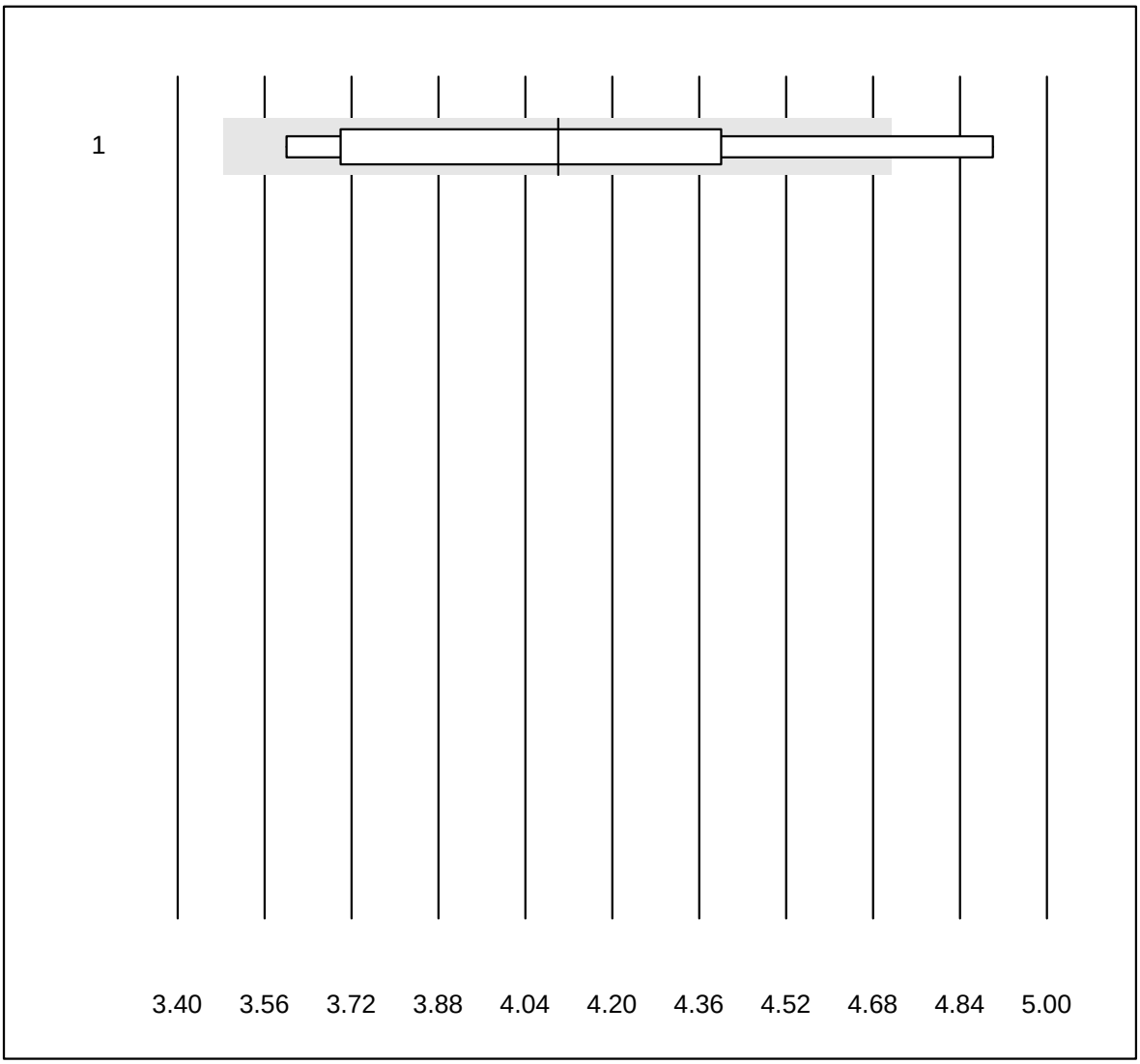


Tolleranza QUALAB : 15 %

INR CCXS ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CoaguChek XS	2174	97.7	1.7	0.6	2.6	5.1	e

INR HC

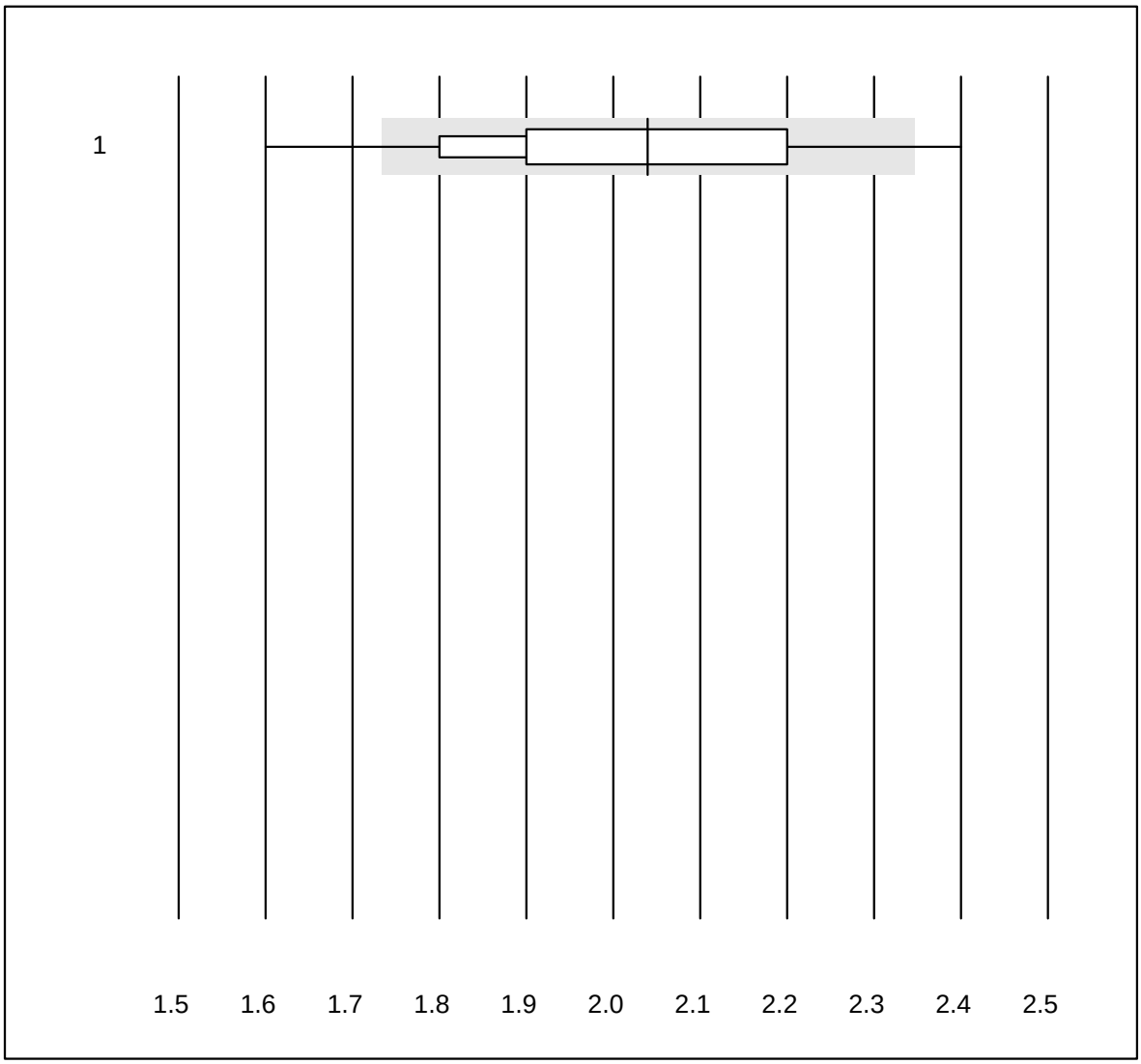


Tolleranza QUALAB : 15 %

INR HC ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Hemochron j.	12	66.7	8.3	25.0	4.1	11.4	e*

INR MI

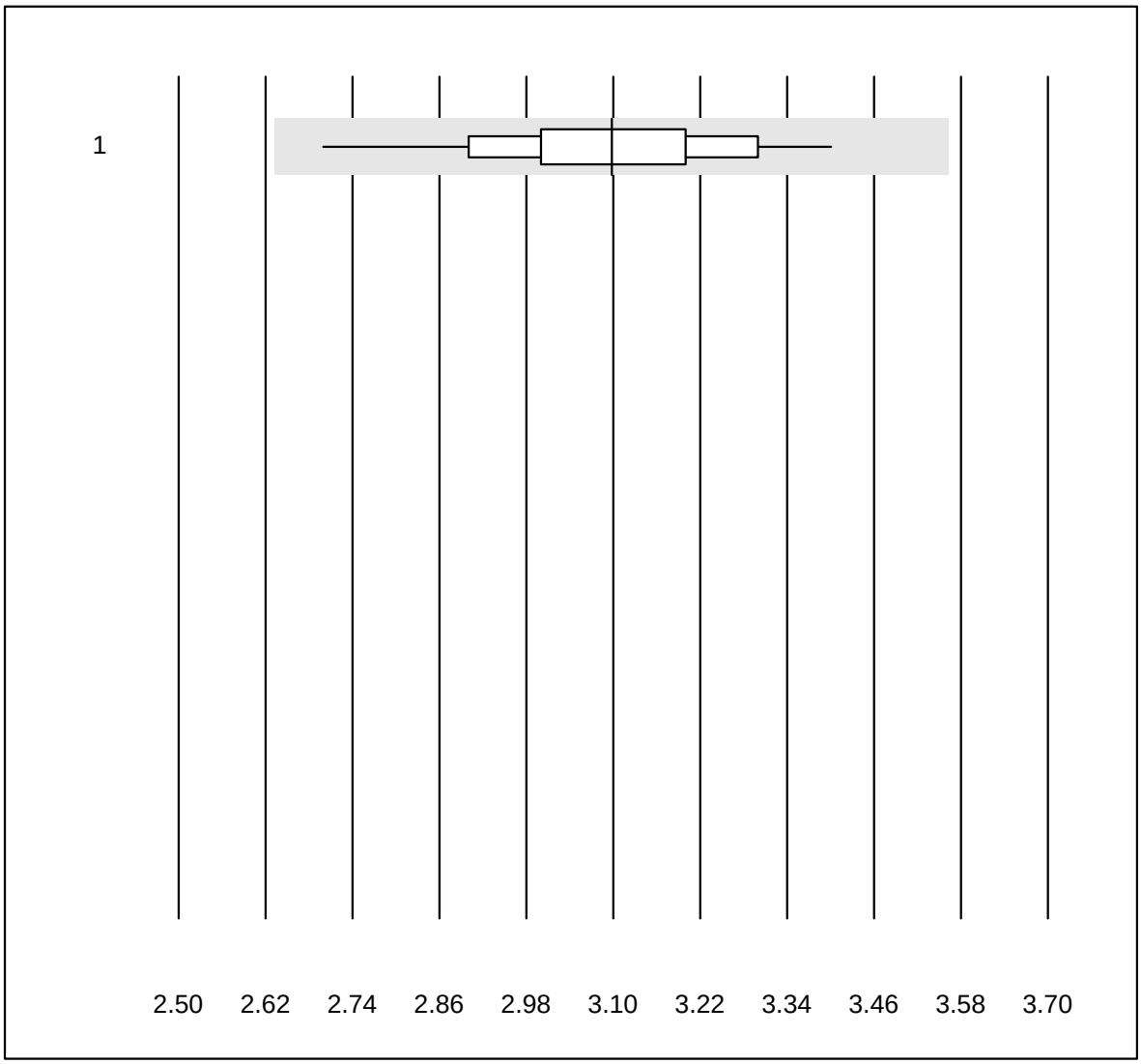


Tolleranza QUALAB : 15 %

INR MI ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	MicroINR	100	81.0	9.0	10.0	2.0	8.9	e

INR Xprecia

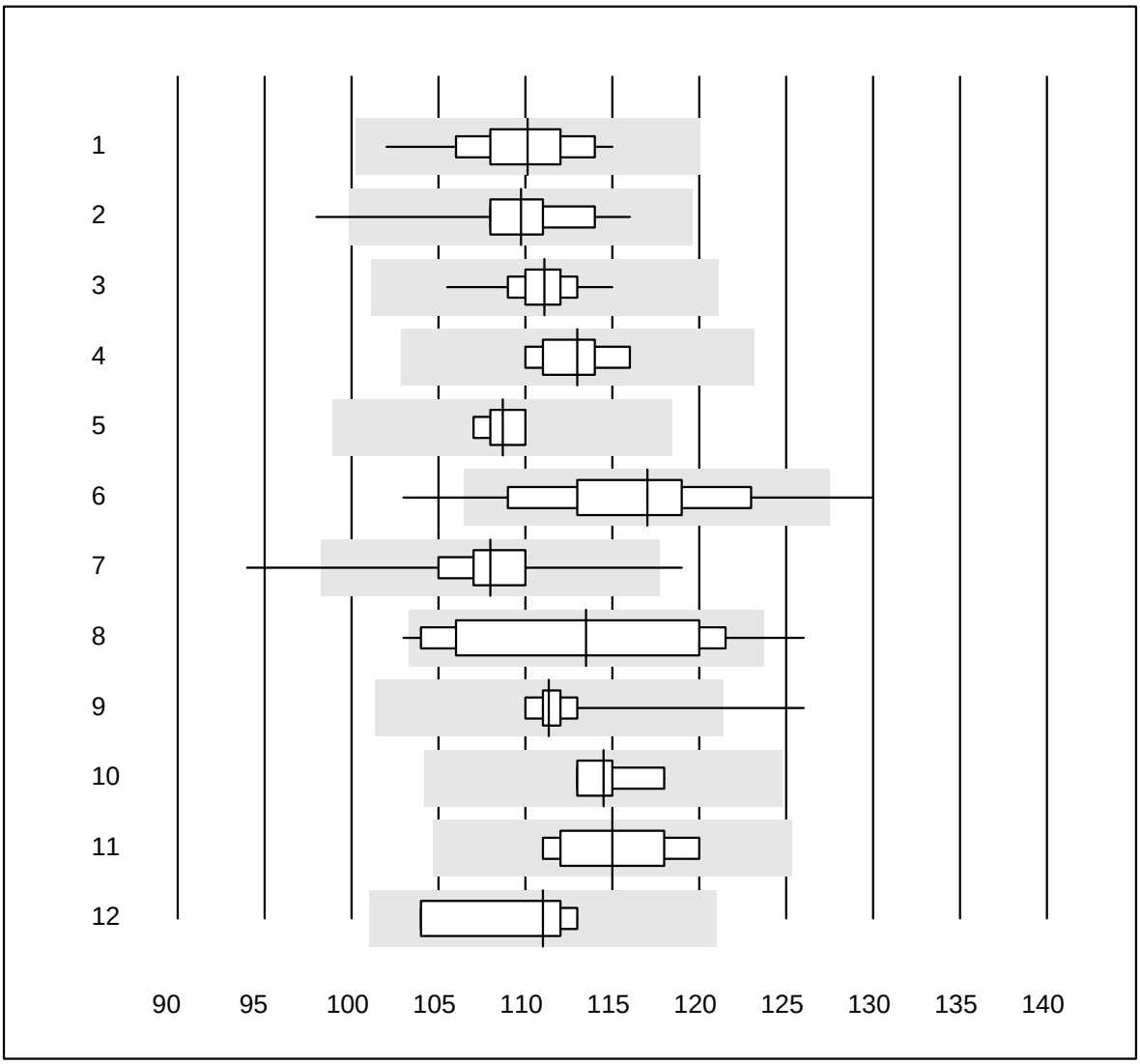


Tolleranza QUALAB : 15 %

INR Xprecia ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Xprecia	53	98.1	0.0	1.9	3.1	5.4	e

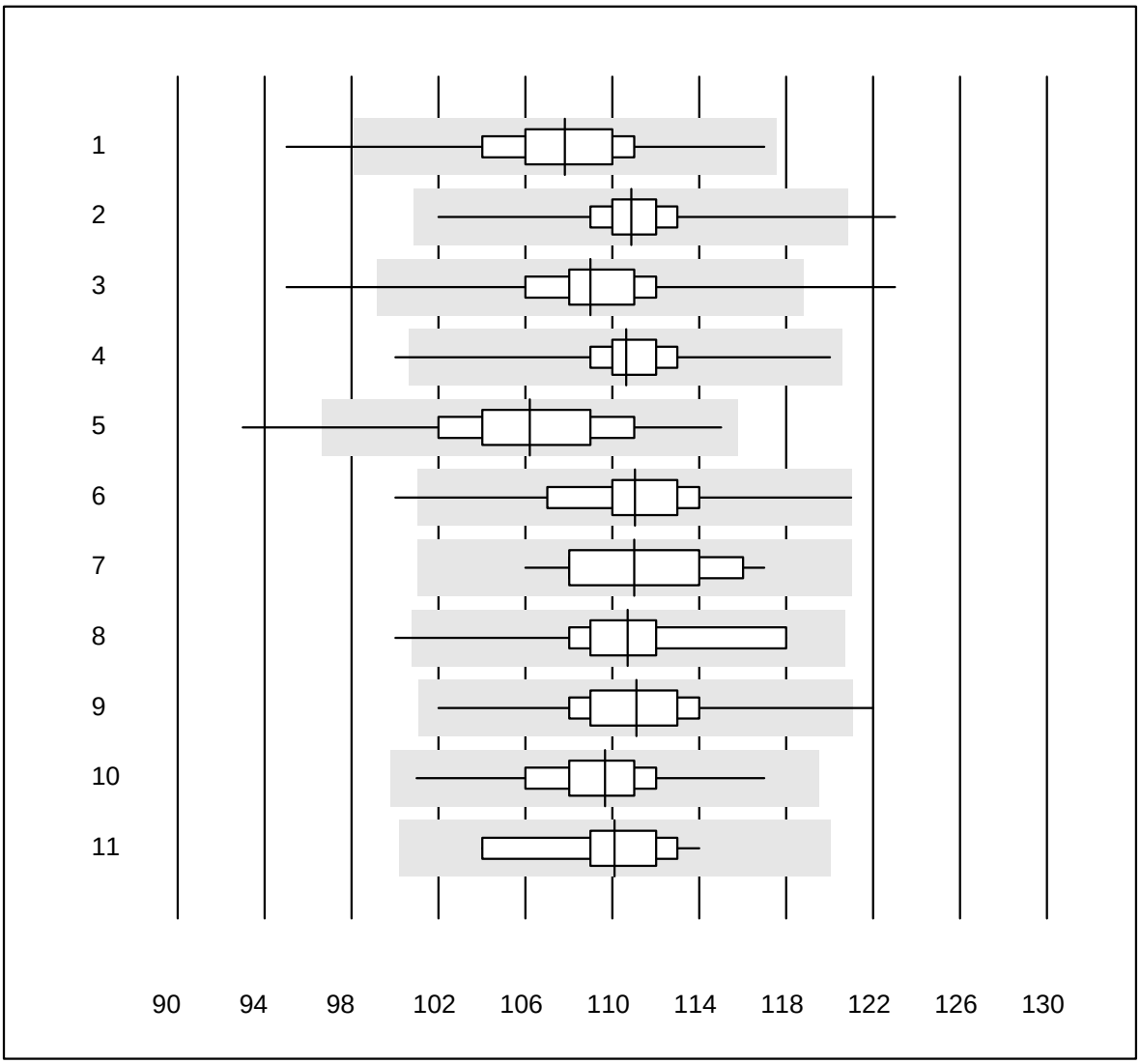
Emoglobina



Tolleranza QUALAB : 9 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Automatico	34	97.1	0.0	2.9	110.1	2.9	e
2	Cianometemoglobina	36	97.2	2.8	0.0	109.8	2.9	e
3	Sysmex X	41	100.0	0.0	0.0	111.1	1.7	e
4	Advia 120	9	100.0	0.0	0.0	113.0	1.7	e
5	ABX Pentra	11	100.0	0.0	0.0	108.7	1.0	e
6	Reflotron	60	86.6	6.7	6.7	117.0	4.8	e
7	Hemocue	364	93.7	1.9	4.4	108.0	2.6	e
8	Dr. Lange	16	81.2	12.5	6.3	113.5	6.5	e*
9	Hemocontrol	14	85.8	7.1	7.1	111.4	3.7	e
10	Eurolyser	6	100.0	0.0	0.0	114.5	1.6	e
11	DiaSpect	10	90.0	0.0	10.0	115.0	2.9	e
12	MS4	4	100.0	0.0	0.0	111.0	3.7	e*

Emoglobina

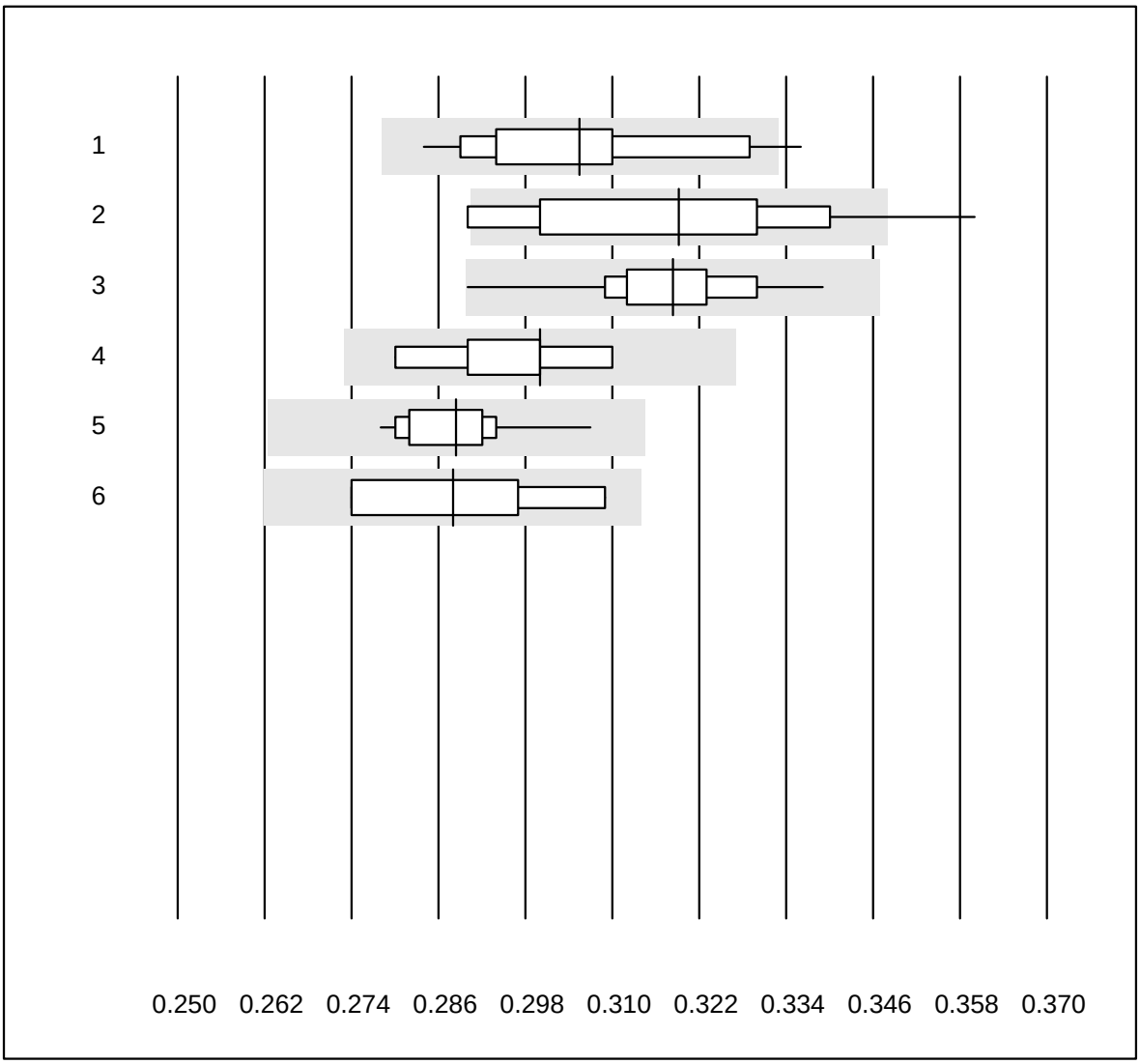


Tolleranza QUALAB : 9 %

Emoglobina (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Micros 60	294	96.6	0.3	3.1	107.8	2.8	e
2	Sysmex KX21	343	97.4	0.6	2.0	110.9	1.8	e
3	Sysmex PocH - 100i	207	94.3	1.4	4.3	109.0	2.5	e
4	Sysmex XP 300	364	98.1	0.3	1.6	110.6	1.7	e
5	Mythic	259	95.8	1.9	2.3	106.2	3.5	e
6	Swelab	53	94.3	1.9	3.8	111.0	3.1	e
7	Abacus Junior	11	100.0	0.0	0.0	111.0	3.2	e
8	Medonic	14	92.9	7.1	0.0	110.7	3.9	e
9	Nihon Kohden Celltac	61	90.2	1.6	8.2	111.1	2.8	e
10	Samsung HC10	45	95.6	0.0	4.4	109.7	2.6	e
11	Norma Icon 3	10	100.0	0.0	0.0	110.1	2.5	e

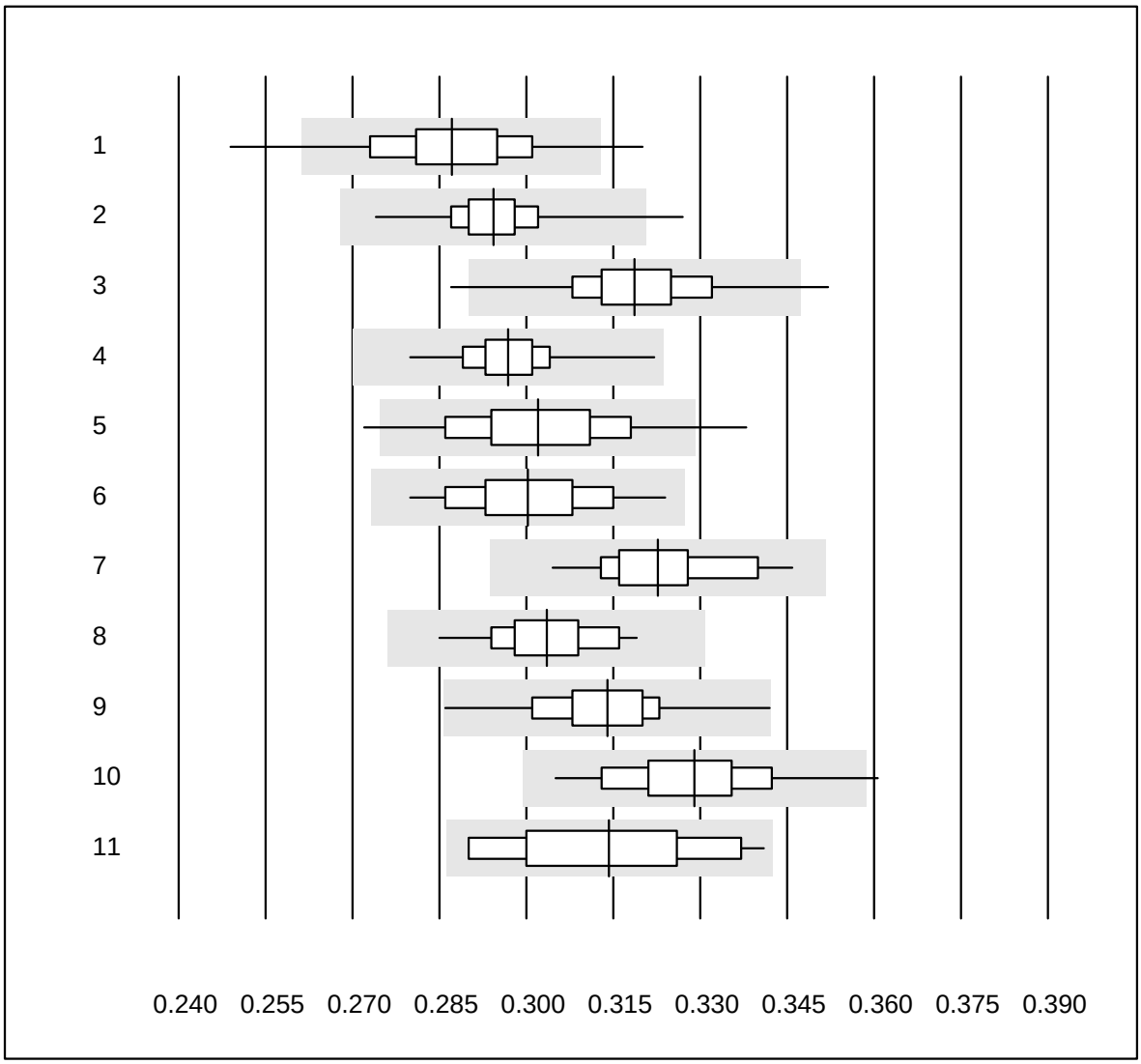
Ematocrito



Tolleranza QUALAB : 9 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Automatico	28	92.9	7.1	0.0	0.31	4.5	e
2	Centrifuga	12	75.0	25.0	0.0	0.32	6.9	e*
3	Sysmex X	41	100.0	0.0	0.0	0.32	2.7	e
4	Advia 120	9	100.0	0.0	0.0	0.30	3.3	e*
5	ABX Pentra	11	100.0	0.0	0.0	0.29	2.8	e
6	MS4	4	100.0	0.0	0.0	0.29	5.6	e*

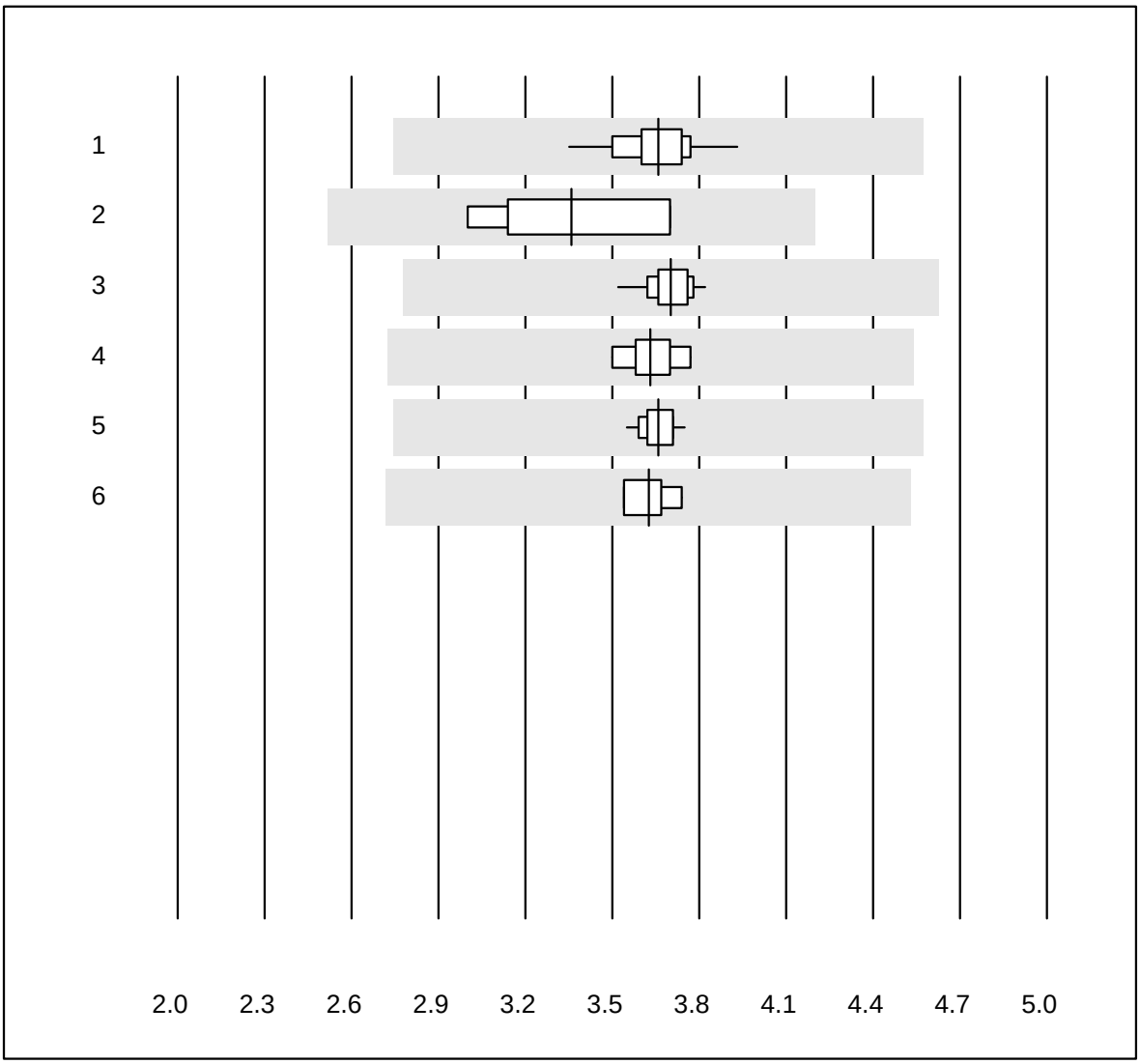
Ematocrito



Tolleranza QUALAB : 9 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Micros 60	294	94.2	3.1	2.7	0.29	3.9	e
2	Sysmex KX21	343	97.6	0.9	1.5	0.29	2.3	e
3	Sysmex PocH - 100i	207	93.8	1.9	4.3	0.32	3.2	e
4	Sysmex XP 300	359	98.1	0.0	1.9	0.30	2.1	e
5	Mythic	258	96.2	1.9	1.9	0.30	4.0	e
6	Swelab	53	96.2	0.0	3.8	0.30	3.6	e
7	Abacus Junior	11	100.0	0.0	0.0	0.32	3.7	e*
8	Medonic	14	92.9	0.0	7.1	0.30	3.2	e
9	Nihon Kohden Celltac	61	90.2	0.0	9.8	0.31	3.1	e
10	Samsung HC10	45	91.2	4.4	4.4	0.33	3.7	e
11	Norma Icon 3	10	100.0	0.0	0.0	0.31	5.6	e*

Eritrociti

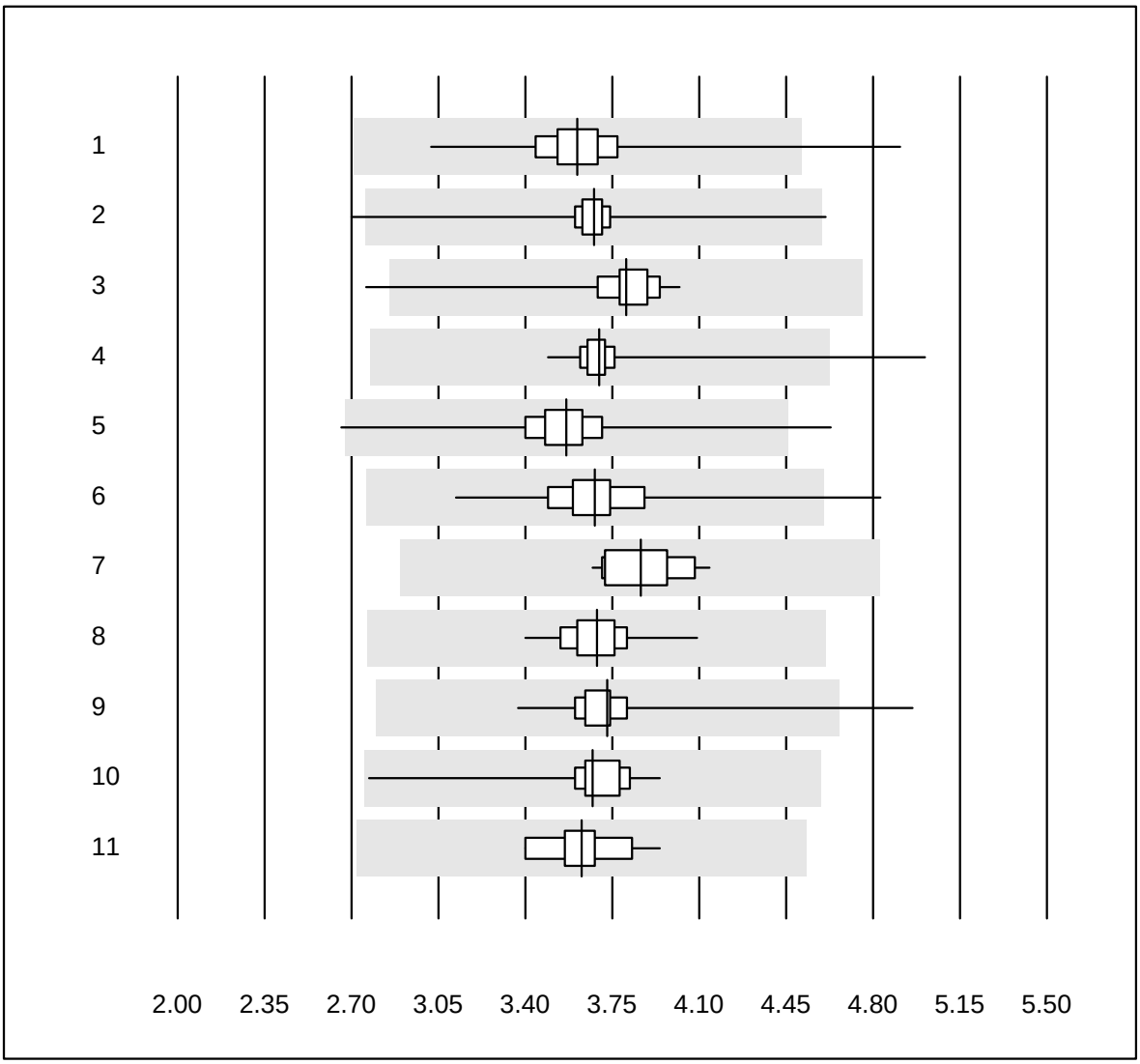


Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Automatico	27	100.0	0.0	0.0	3.66	3.6	e
2	Microscopio	7	100.0	0.0	0.0	3.36	8.3	e*
3	Sysmex X	42	100.0	0.0	0.0	3.70	1.8	e
4	Advia 120	9	100.0	0.0	0.0	3.63	2.3	e
5	ABX Pentra	11	100.0	0.0	0.0	3.66	1.6	e
6	MS4	4	100.0	0.0	0.0	3.63	2.5	e

Eritrociti

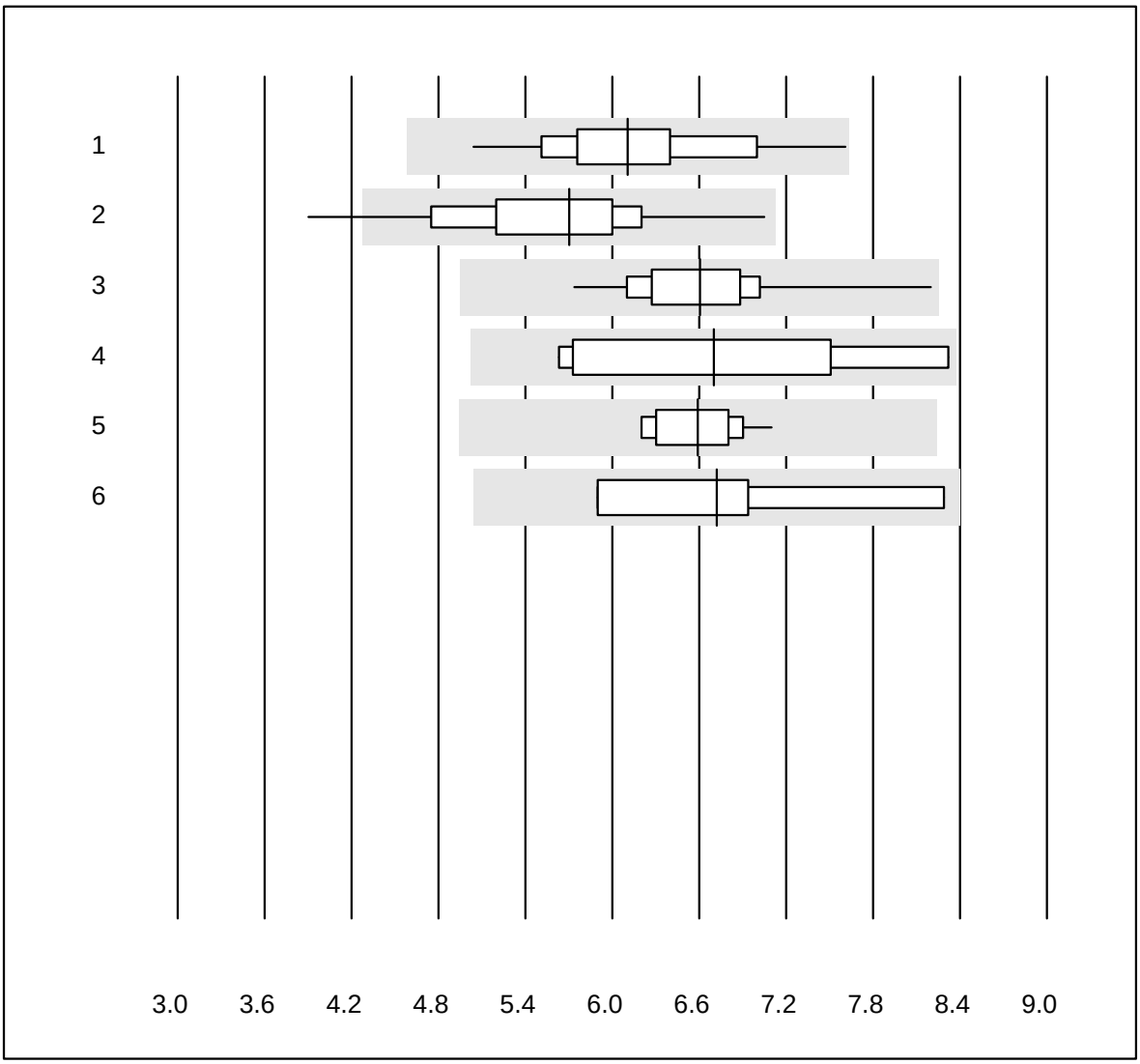


Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Micros 60	293	98.6	0.7	0.7	3.61	4.8	e
2	Sysmex KX21	343	98.8	0.6	0.6	3.68	3.1	e
3	Sysmex PocH - 100i	206	98.0	0.5	1.5	3.80	4.2	e
4	Sysmex XP 300	361	99.2	0.8	0.0	3.70	3.5	e
5	Mythic	258	98.8	0.8	0.4	3.56	4.5	e
6	Swelab	53	98.1	1.9	0.0	3.68	6.0	e
7	Abacus Junior	11	100.0	0.0	0.0	3.86	3.9	e
8	Medonic	14	100.0	0.0	0.0	3.69	4.3	e
9	Nihon Kohden Celltac	61	96.8	1.6	1.6	3.73	5.9	e
10	Samsung HC10	45	100.0	0.0	0.0	3.67	5.8	e
11	Norma Icon 3	10	100.0	0.0	0.0	3.63	4.6	e

Leucociti

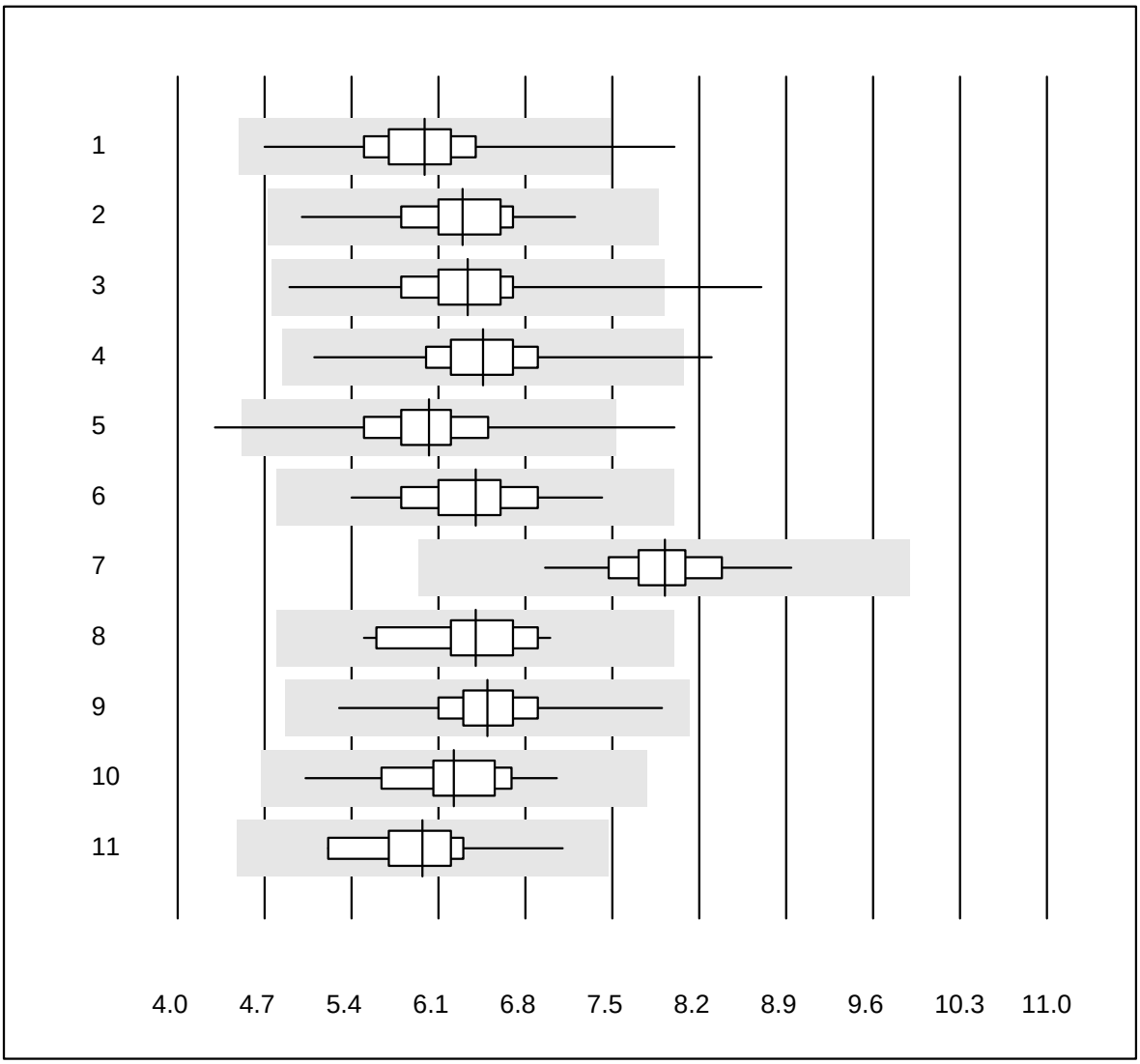


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Automatico	25	100.0	0.0	0.0	6.11	9.5	e
2	Microscopio	39	94.9	5.1	0.0	5.70	11.4	e
3	Sysmex X	42	100.0	0.0	0.0	6.60	6.7	e
4	Advia 120 (Perox)	8	100.0	0.0	0.0	6.70	15.8	a
5	ABX Pentra	11	100.0	0.0	0.0	6.59	4.6	e
6	MS4	4	100.0	0.0	0.0	6.72	14.7	e*

Leucociti

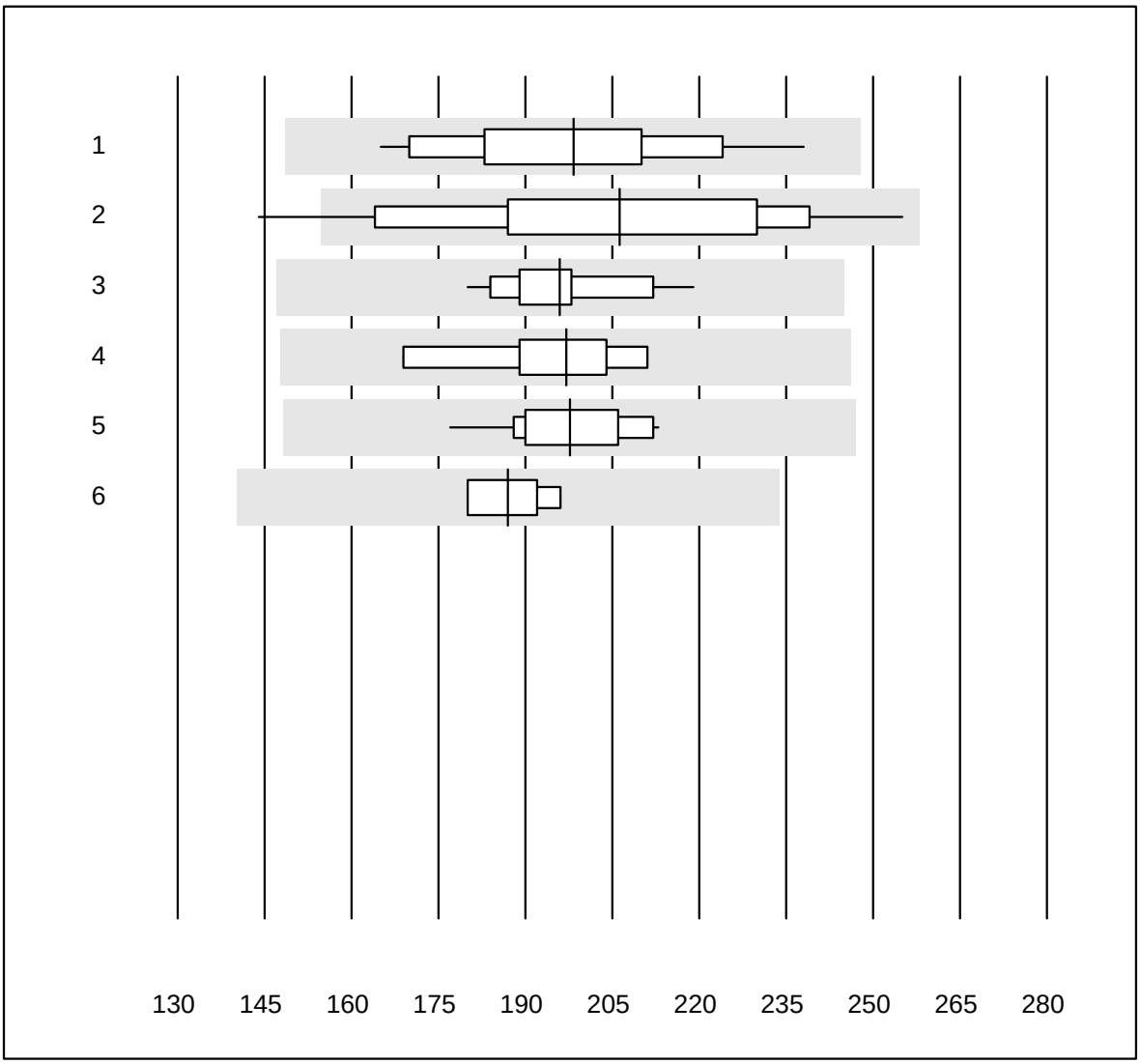


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Micros 60	294	99.0	0.3	0.7	5.99	6.6	e
2	Sysmex KX21	342	100.0	0.0	0.0	6.30	5.6	e
3	Sysmex PocH - 100i	207	98.5	1.0	0.5	6.33	6.6	e
4	Sysmex XP 300	363	99.7	0.3	0.0	6.46	5.5	e
5	Mythic	257	99.2	0.8	0.0	6.02	6.9	e
6	Swelab	53	100.0	0.0	0.0	6.40	6.6	e
7	Abacus Junior	11	100.0	0.0	0.0	7.92	6.4	e
8	Medonic	14	100.0	0.0	0.0	6.40	7.5	e
9	Nihon Kohden Celltac	60	100.0	0.0	0.0	6.50	6.1	e
10	Samsung HC10	45	100.0	0.0	0.0	6.22	6.8	e
11	Norma Icon 3	10	100.0	0.0	0.0	5.97	8.8	e

Trombociti

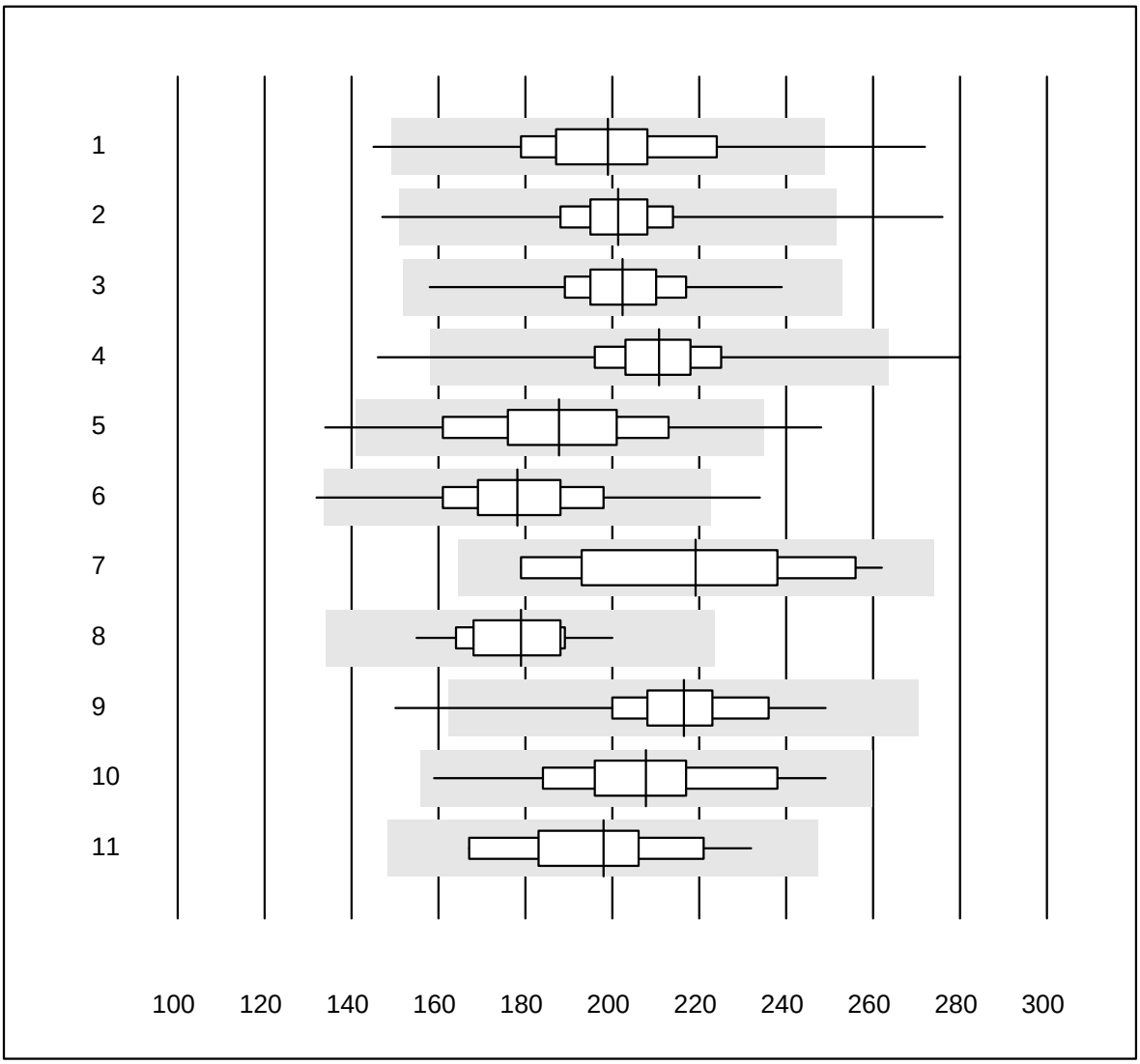


Tolleranza QUALAB : 25 %

Trombociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Automatico	23	100.0	0.0	0.0	198.3	10.7	e
2	Microscopio	24	87.5	4.2	8.3	206.3	14.3	e
3	Sysmex X	41	97.6	0.0	2.4	196.0	5.1	e
4	Advia 120	9	100.0	0.0	0.0	197.0	7.2	e
5	ABX Pentra	11	100.0	0.0	0.0	197.7	5.6	e
6	MS4	4	100.0	0.0	0.0	187.0	4.1	e

Trombociti

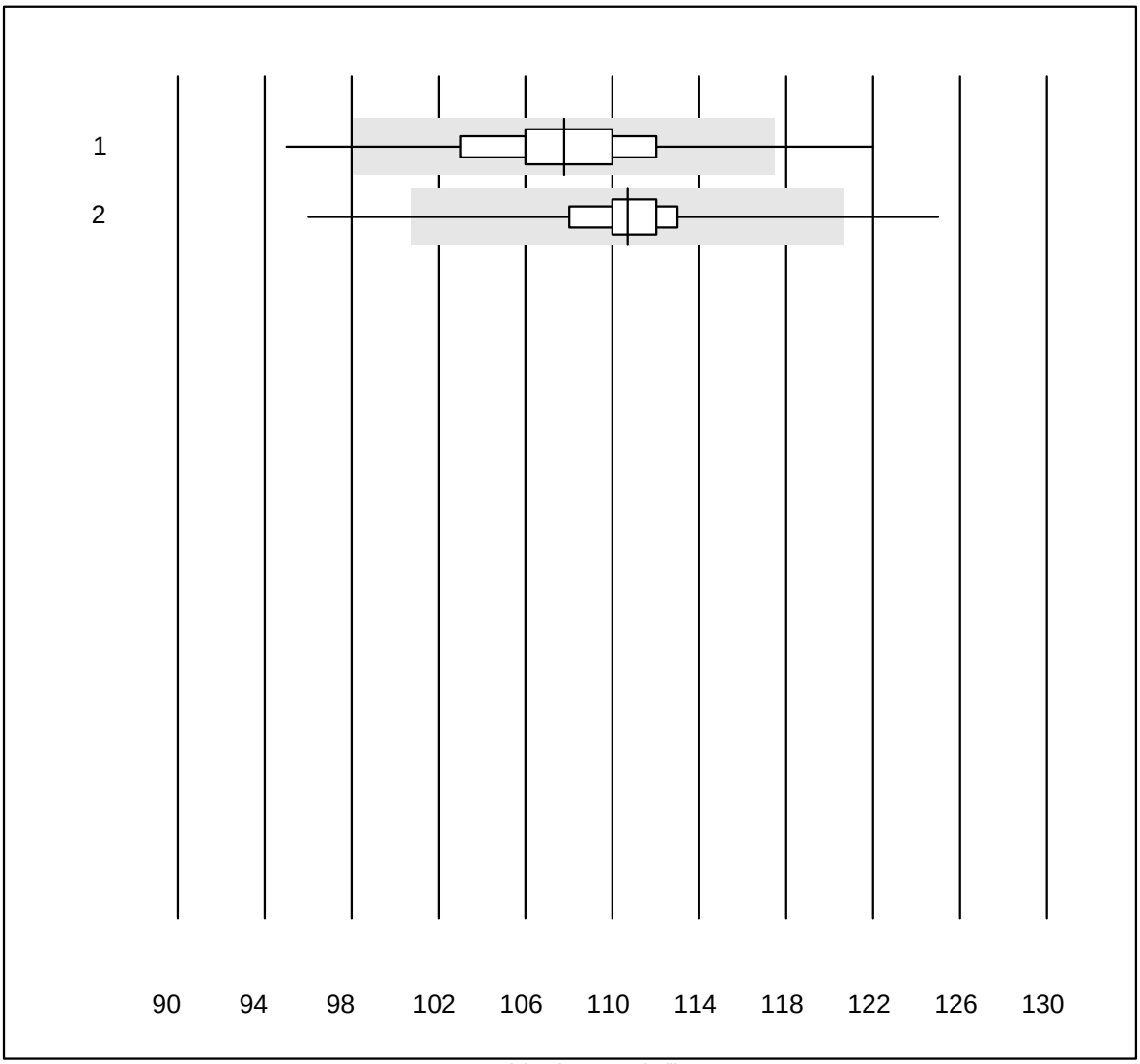


Tolleranza QUALAB : 25 %

Trombociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Micros 60	294	95.5	3.1	1.4	199.1	9.8	e
2	Sysmex KX21	343	99.4	0.6	0.0	201.3	6.2	e
3	Sysmex PocH - 100i	207	99.5	0.0	0.5	202.3	6.0	e
4	Sysmex XP 300	362	99.4	0.6	0.0	210.8	5.8	e
5	Mythic	259	97.7	0.8	1.5	187.8	10.4	e
6	Swelab	53	92.5	7.5	0.0	178.1	10.2	e
7	Abacus Junior	11	90.9	0.0	9.1	219.2	12.7	e*
8	Medonic	14	100.0	0.0	0.0	178.9	6.9	e
9	Nihon Kohden Celltac	61	96.8	1.6	1.6	216.4	7.3	e
10	Samsung HC10	45	100.0	0.0	0.0	207.7	9.5	e
11	Norma Icon 3	10	100.0	0.0	0.0	197.9	10.5	e*

Emoblogina H2

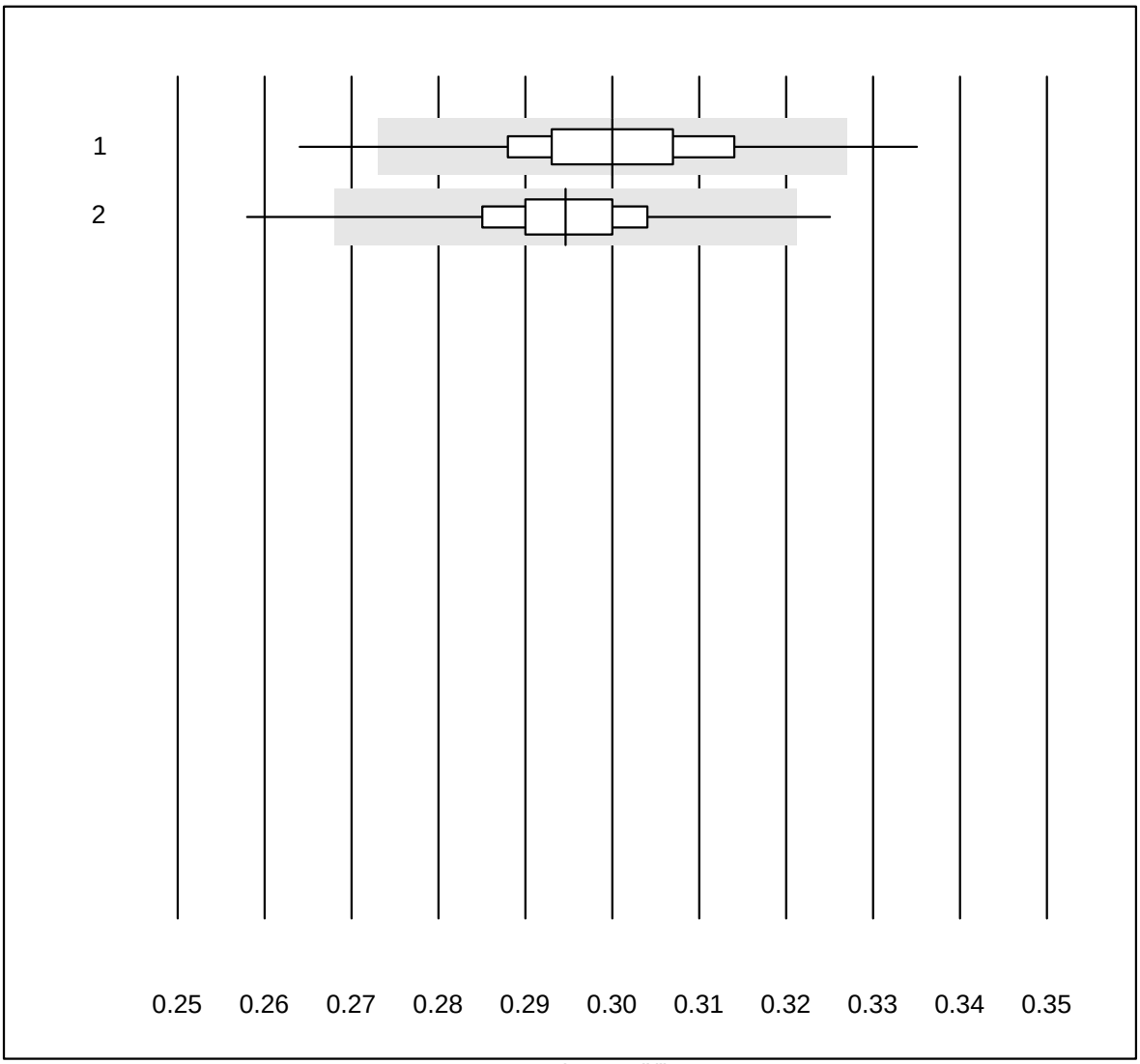


Tolleranza QUALAB : 9 %

Emoblogina H2 (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Abx Micros	278	96.8	1.8	1.4	107.8	3.3	e
2	Microsemi	521	97.7	1.3	1.0	110.7	2.4	e

Ematocrito H2

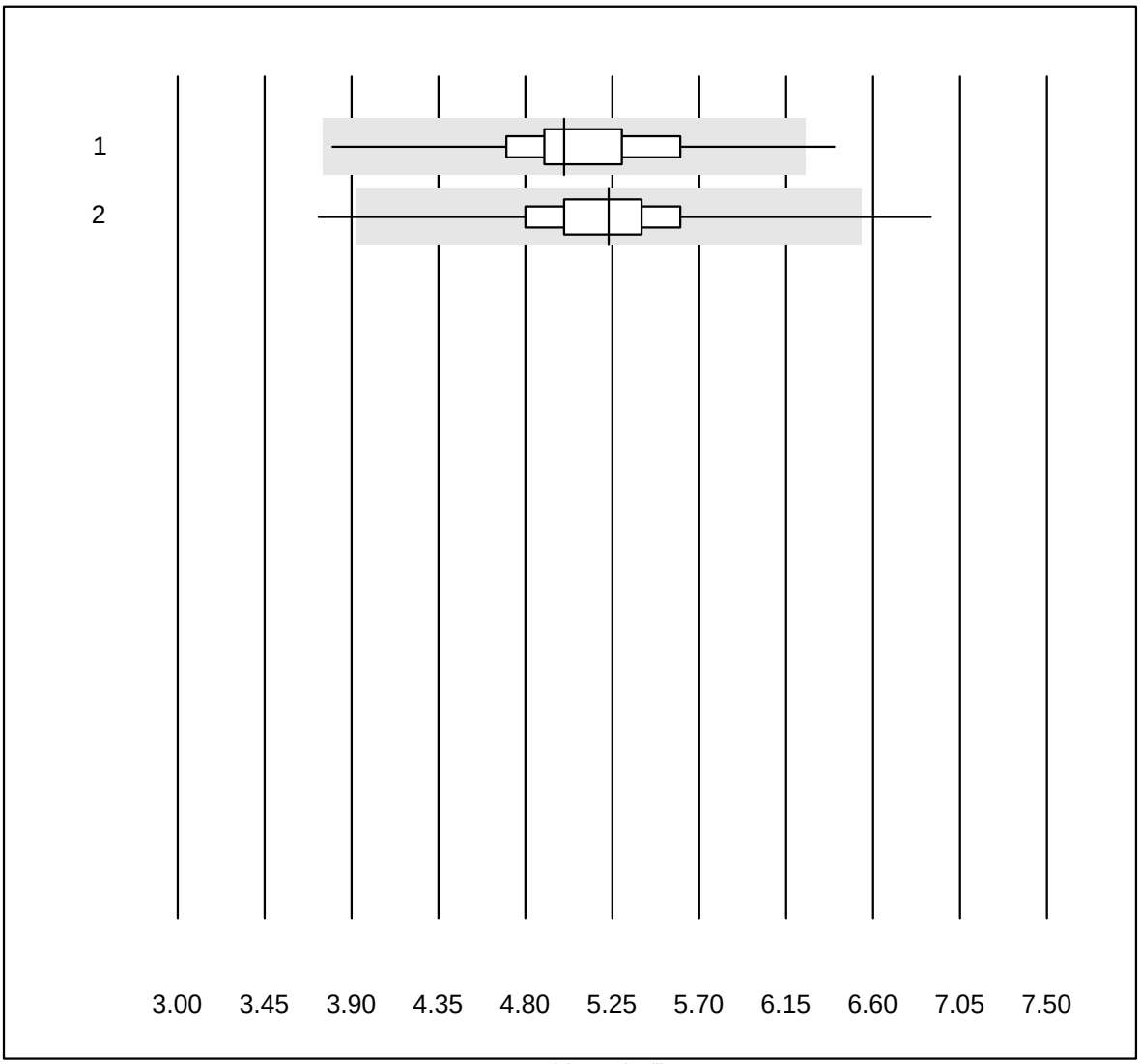


Tolleranza QUALAB : 9 %

Ematocrito H2 (l/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Abx Micros	278	93.9	3.6	2.5	0.30	3.8	e
2	Microsemi	521	98.4	1.2	0.4	0.29	2.8	e

Leucociti H2

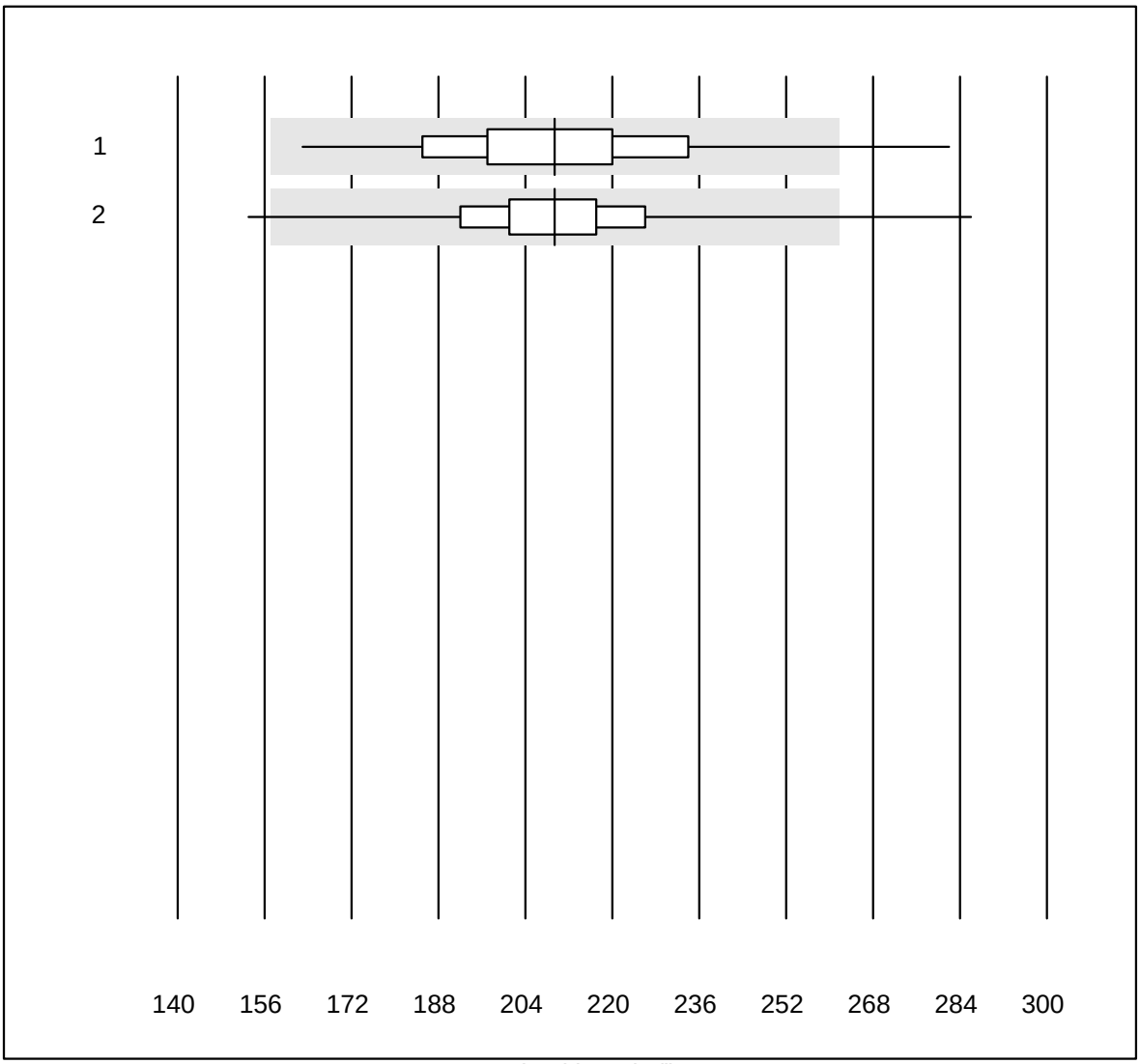


Tolleranza QUALAB : 25 %

Leucociti H2 (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Abx Micros	278	98.2	0.4	1.4	5.00	7.4	e
2	Microsemi	522	98.6	0.8	0.6	5.23	6.3	e

Trombociti H2

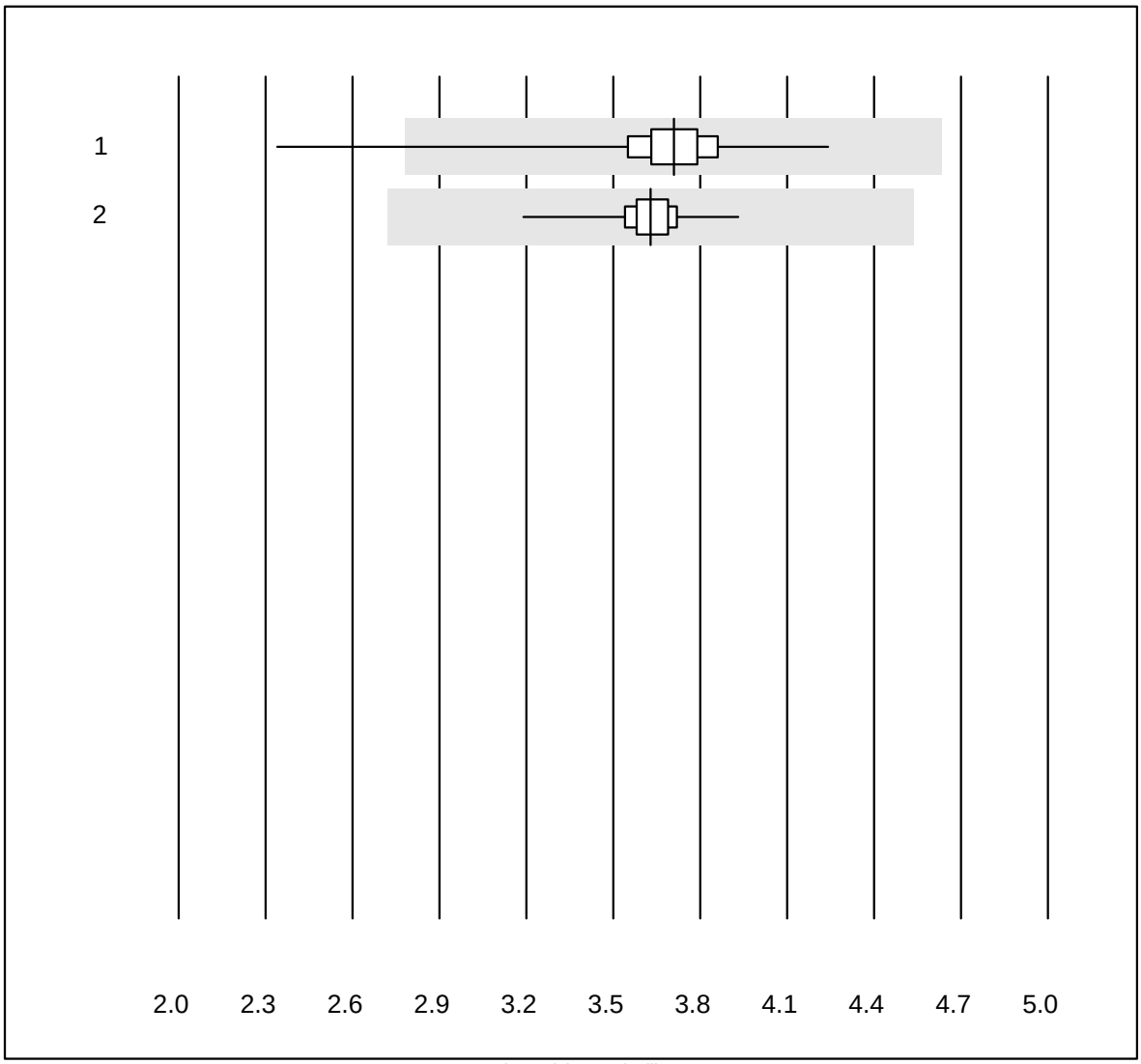


Tolleranza QUALAB : 25 %

Trombociti H2 (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Abx Micros	278	88.9	2.5	8.6	209.4	10.1	e
2	Microsemi	522	97.7	1.0	1.3	209.4	7.4	e

Eritrociti H2

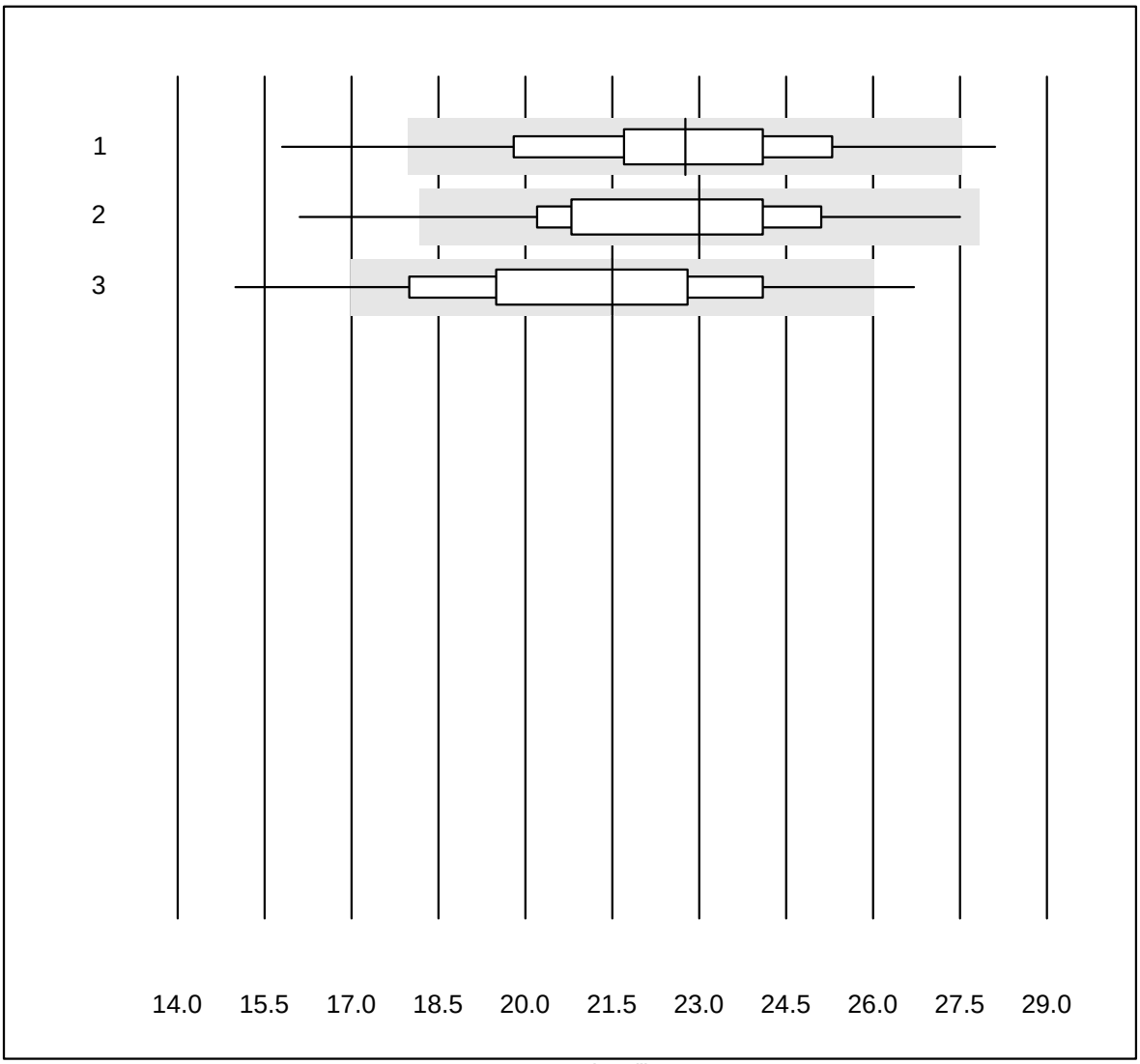


Tolleranza QUALAB : 25 %

Eritrociti H2 (T/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Abx Micros	277	98.9	0.4	0.7	3.71	4.6	e
2	Microsemi	521	99.2	0.0	0.8	3.63	2.5	e

CRP H2

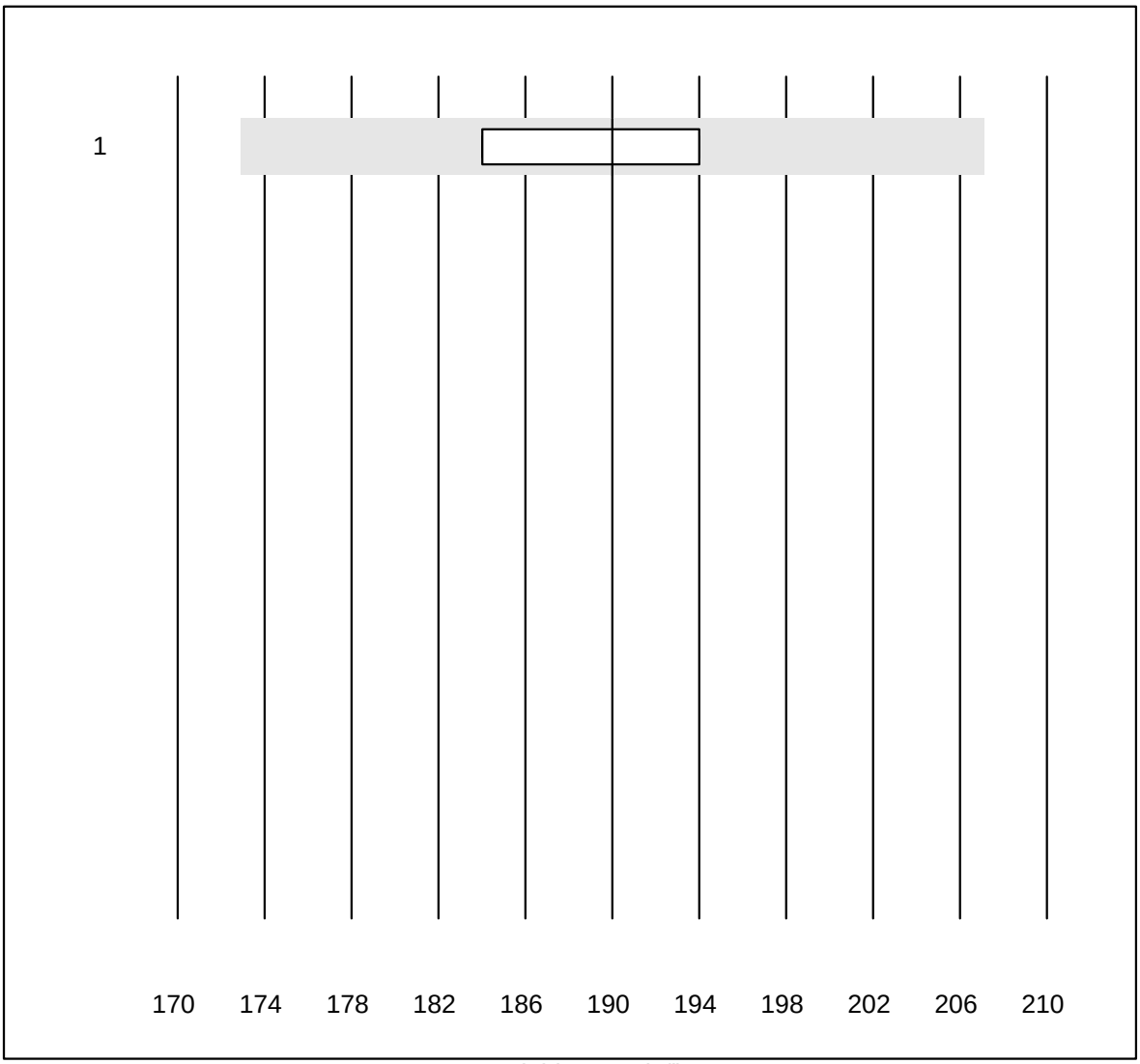


Tolleranza QUALAB : 21 %

CRP H2 (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Microsemi	519	92.7	4.6	2.7	22.8	9.5	e
2	Abx Micros	37	94.6	5.4	0.0	23.0	10.3	e
3	ABX Micros CRP200	240	92.0	6.7	1.3	21.5	11.3	e

Emoglobina BG

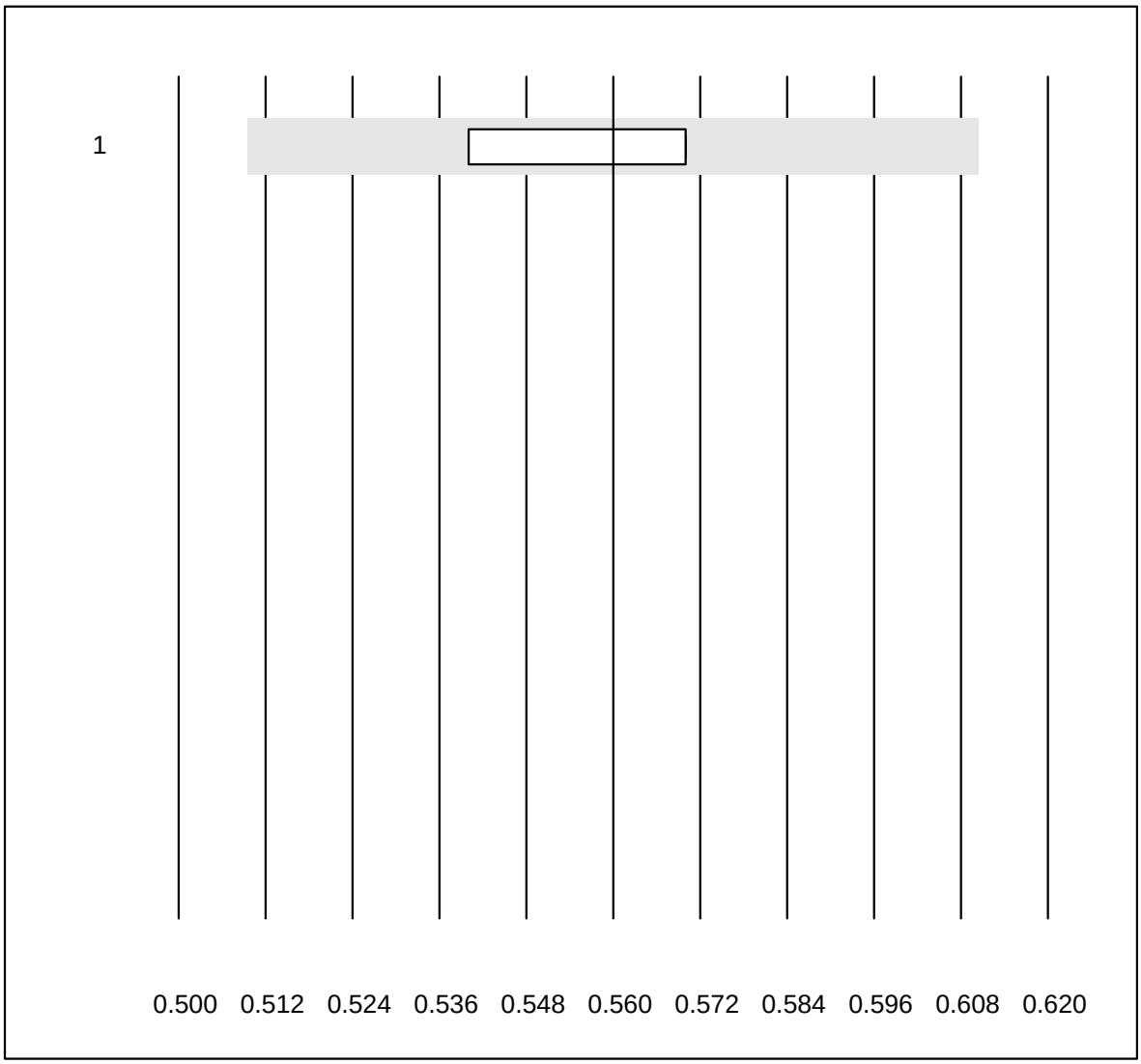


Tolleranza QUALAB : 9 %

Emoglobina BG (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	iStat	6	100.0	0.0	0.0	190.0	2.4	e

Ematocrito

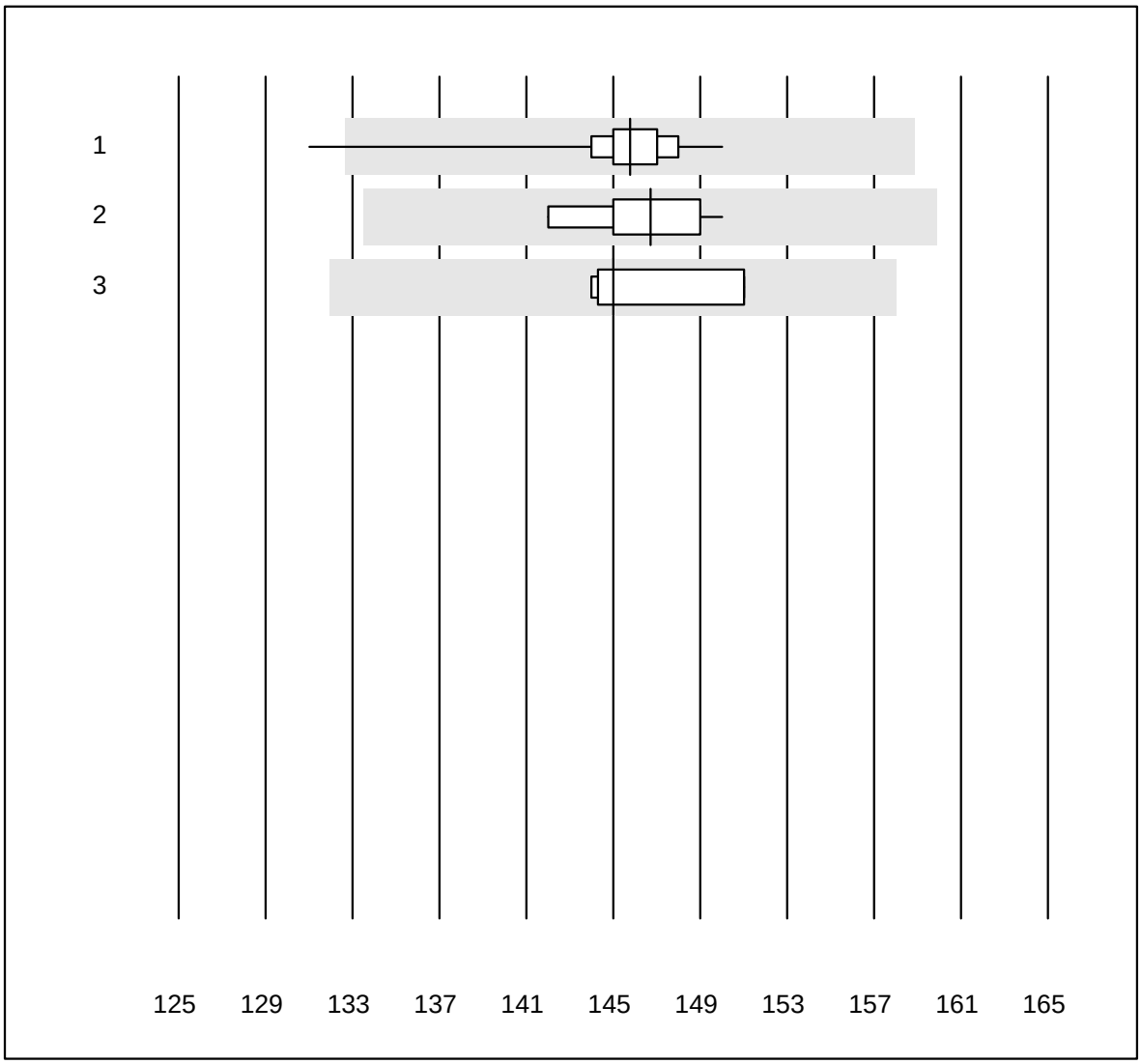


Tolleranza QUALAB : 9 %

Ematocrito (l/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	iStat	7	100.0	0.0	0.0	0.56	2.3	e

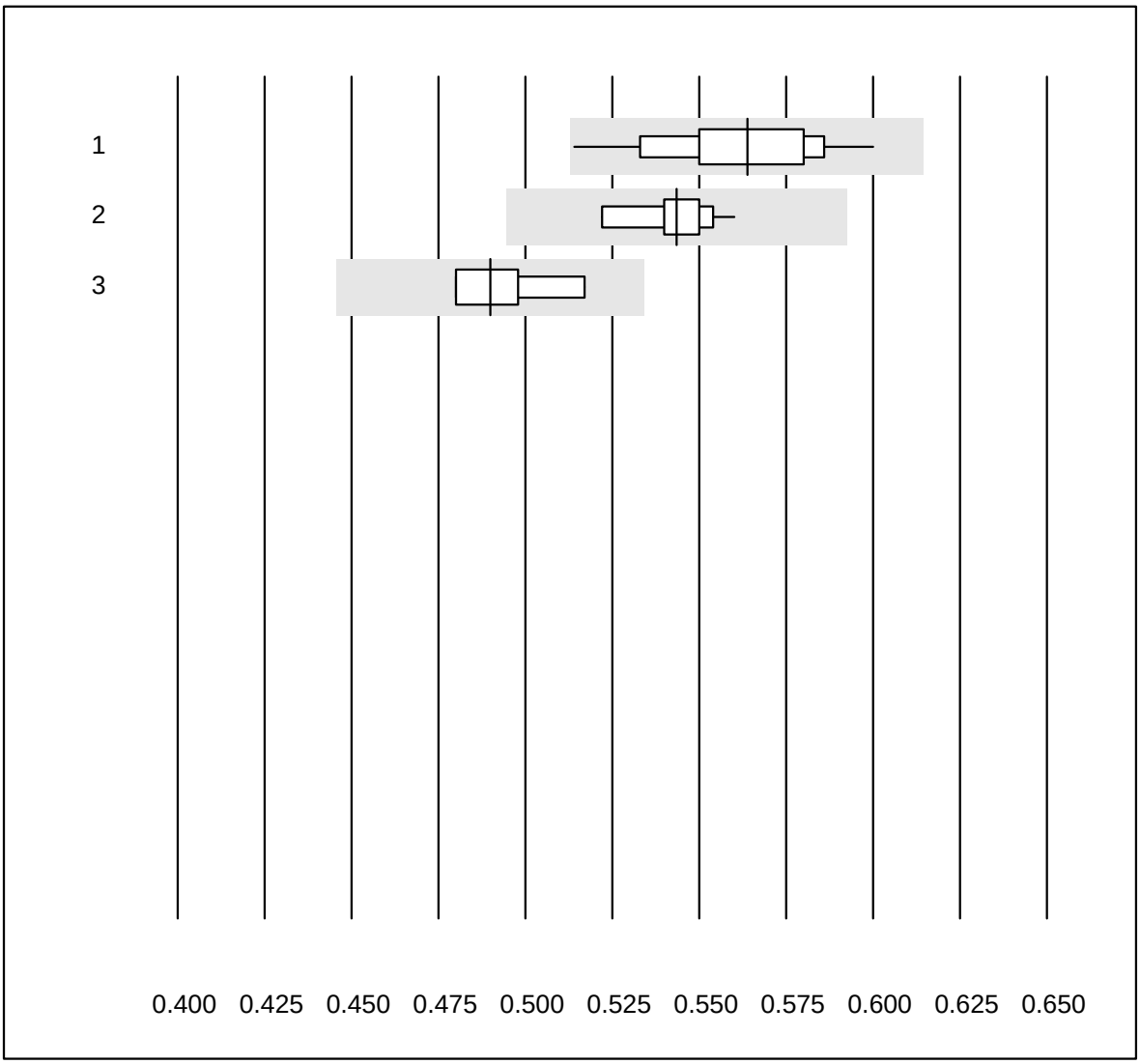
Emoglobina



Tolleranza QUALAB : 9 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	97.8	2.2	0.0	145.8	1.9	e
2	Advia	10	100.0	0.0	0.0	146.7	1.8	e
3	ABX Pentra	7	100.0	0.0	0.0	145.0	2.1	e

Ematocrito

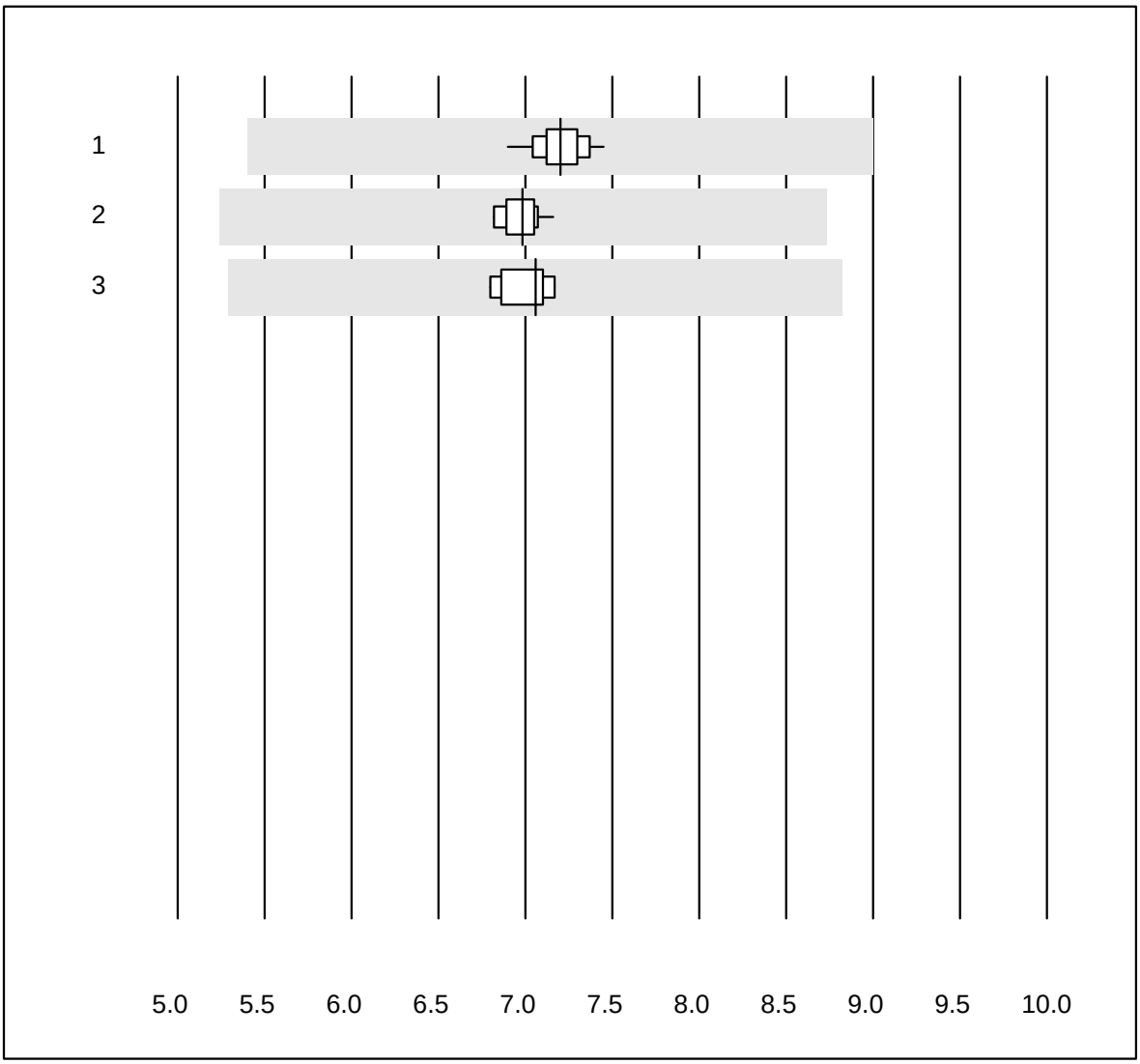


Tolleranza QUALAB : 9 %

Ematocrito (l/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	0.56	3.8	e
2	Advia	10	100.0	0.0	0.0	0.54	2.1	e
3	ABX Pentra	7	85.7	0.0	14.3	0.49	2.8	e

Eritrociti

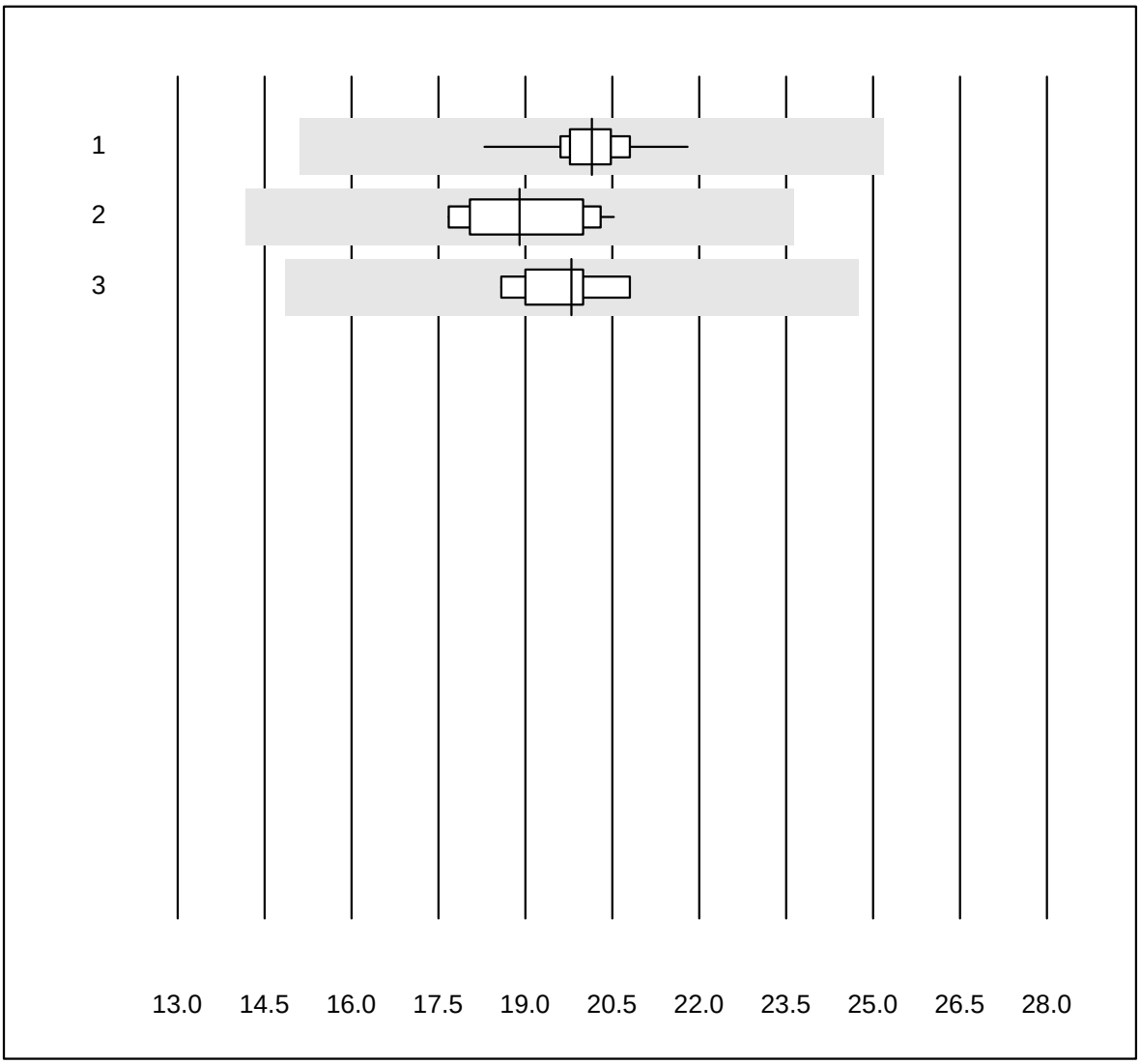


Tolleranza QUALAB : 25 %

Eritrociti (T/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	7.20	1.7	e
2	Advia	10	100.0	0.0	0.0	6.99	1.5	e
3	ABX Pentra	7	100.0	0.0	0.0	7.06	1.9	e

Leucociti

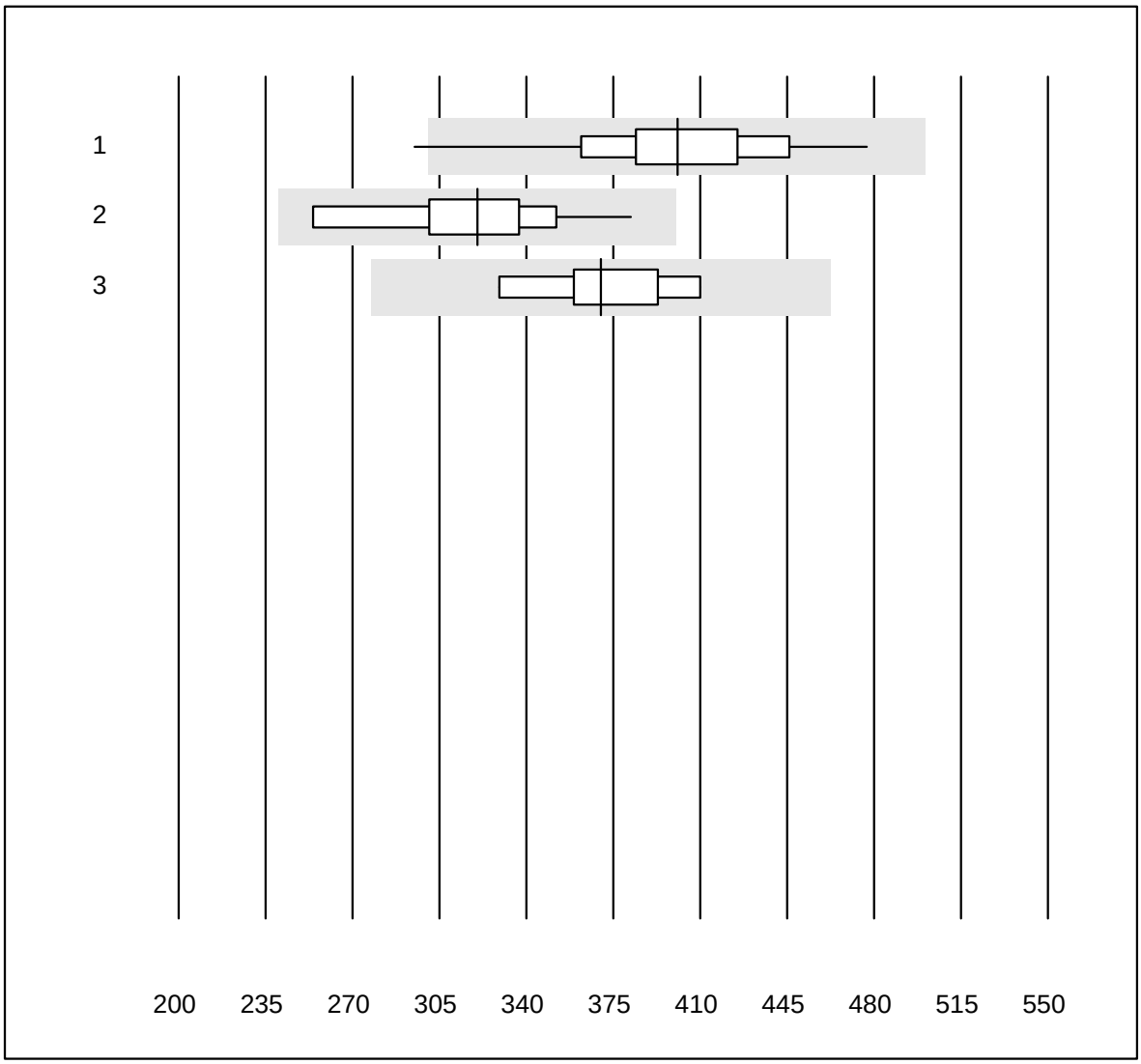


Tolleranza QUALAB : 25 %

Leucociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	20.14	3.0	e
2	Advia	10	100.0	0.0	0.0	18.90	5.7	e
3	ABX Pentra	7	100.0	0.0	0.0	19.80	3.7	e

Trombociti

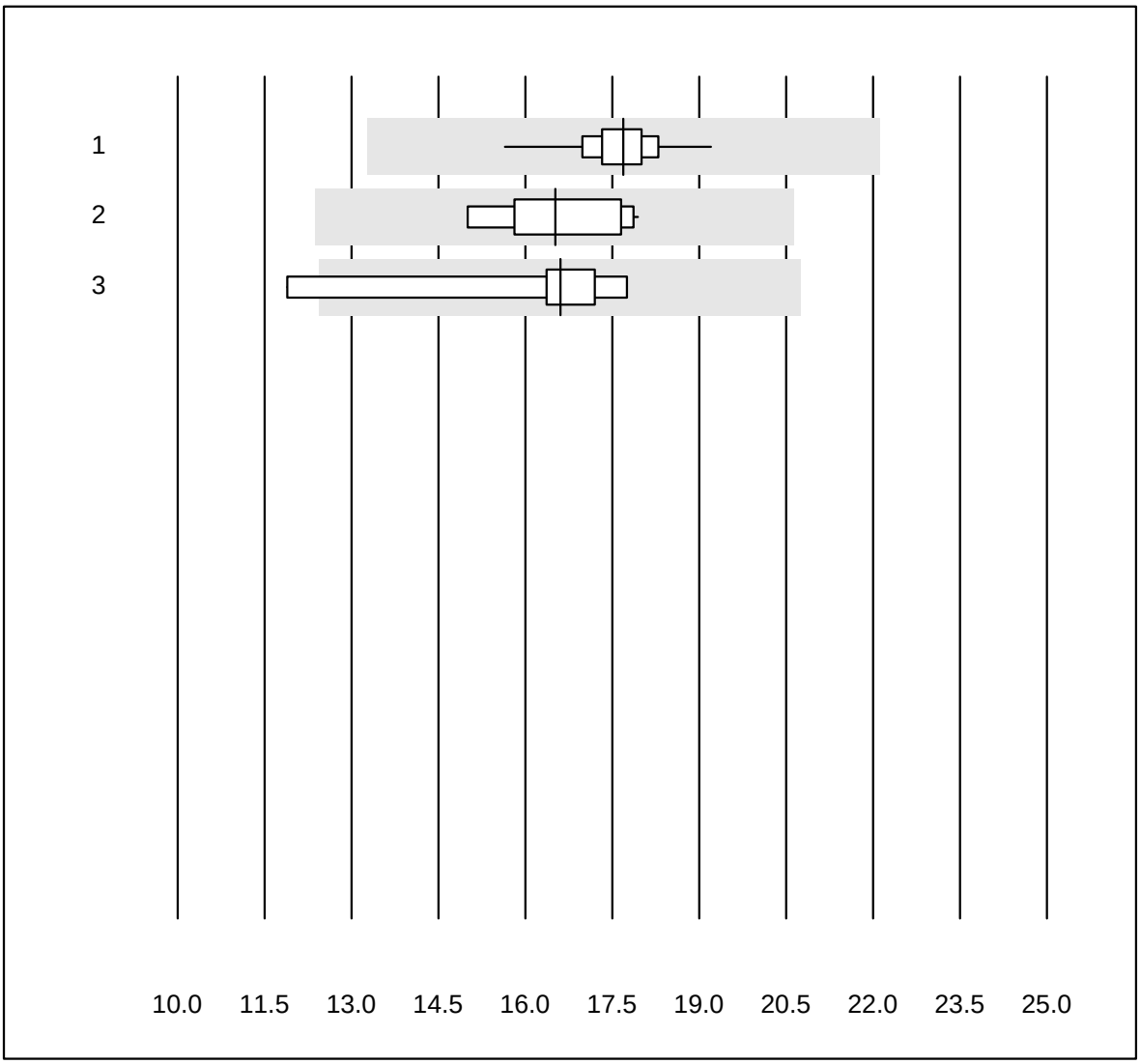


Tolleranza QUALAB : 25 %

Trombociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	97.8	2.2	0.0	400.8	9.3	e
2	Advia	10	100.0	0.0	0.0	320.3	11.2	e*
3	ABX Pentra	7	100.0	0.0	0.0	370.0	7.0	e

Neutrofili

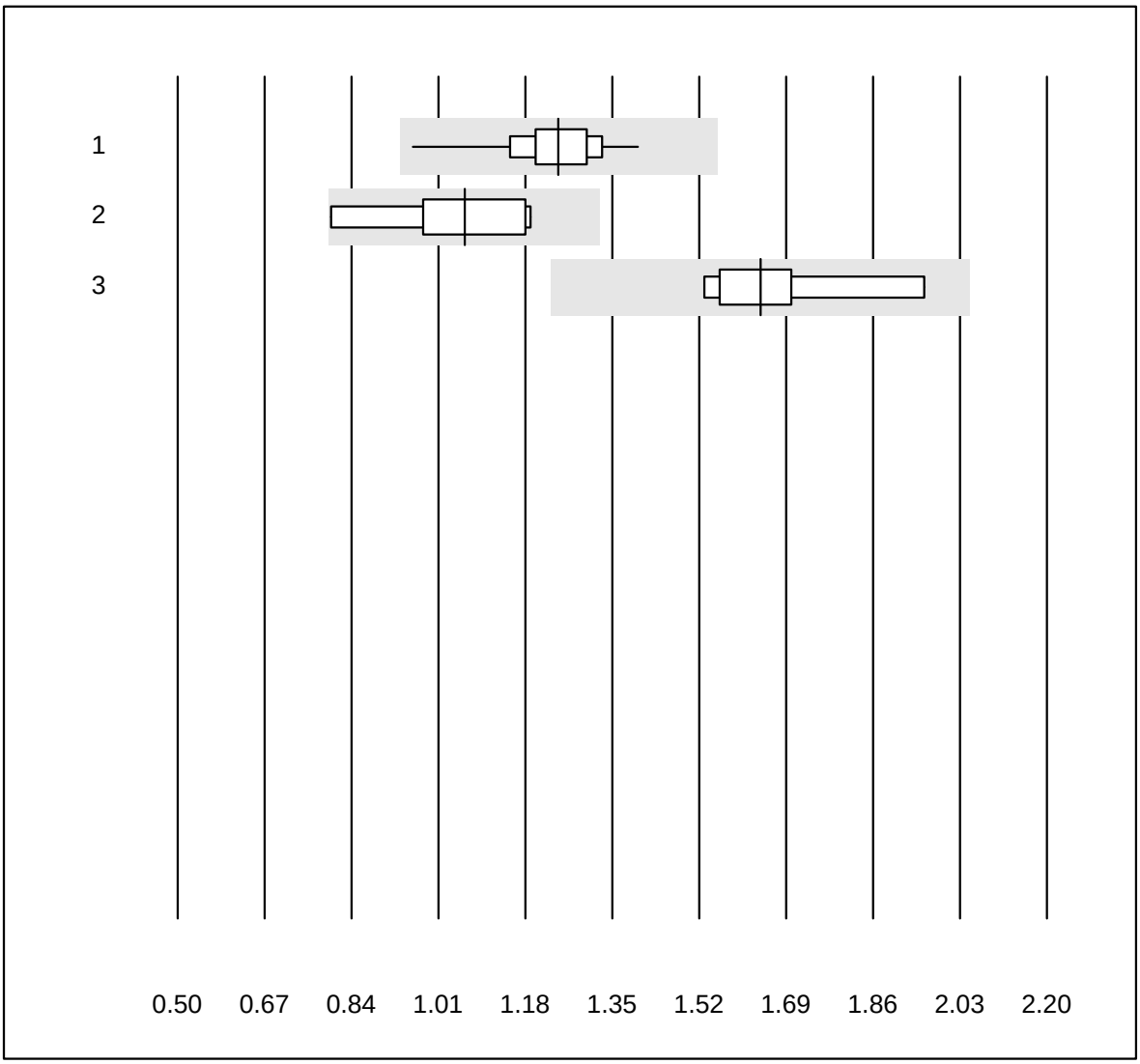


Tolleranza QUALAB : 25 %

Neutrofili (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	17.69	3.6	e
2	Advia	10	100.0	0.0	0.0	16.51	6.4	e
3	ABX Pentra	7	85.7	14.3	0.0	16.60	12.0	e*

Linfociti

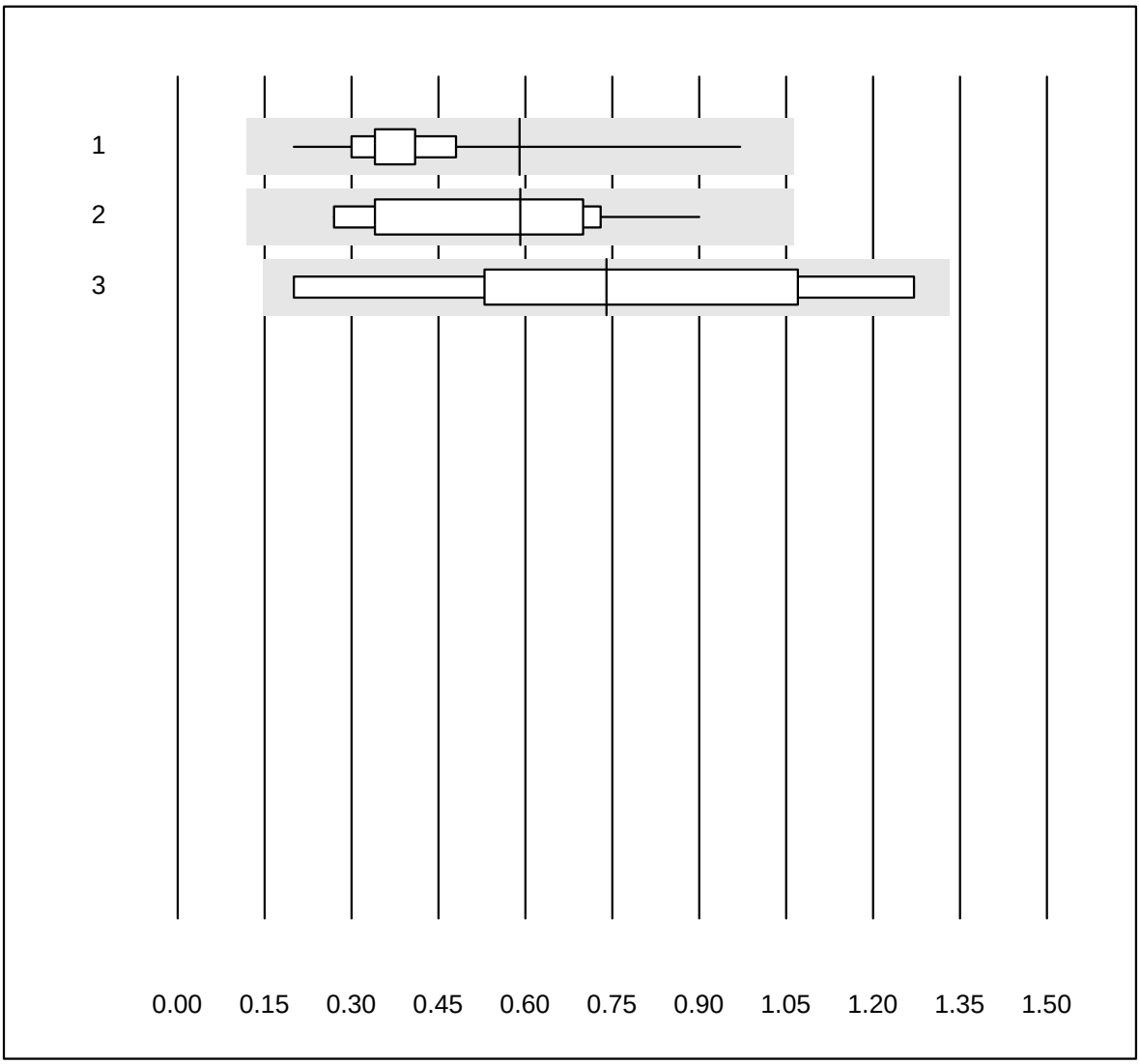


Tolleranza QUALAB : 25 %

Linfociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	1.24	6.3	e
2	Advia	10	90.0	0.0	10.0	1.06	12.7	e*
3	ABX Pentra	7	85.7	0.0	14.3	1.64	9.6	e*

Monociti

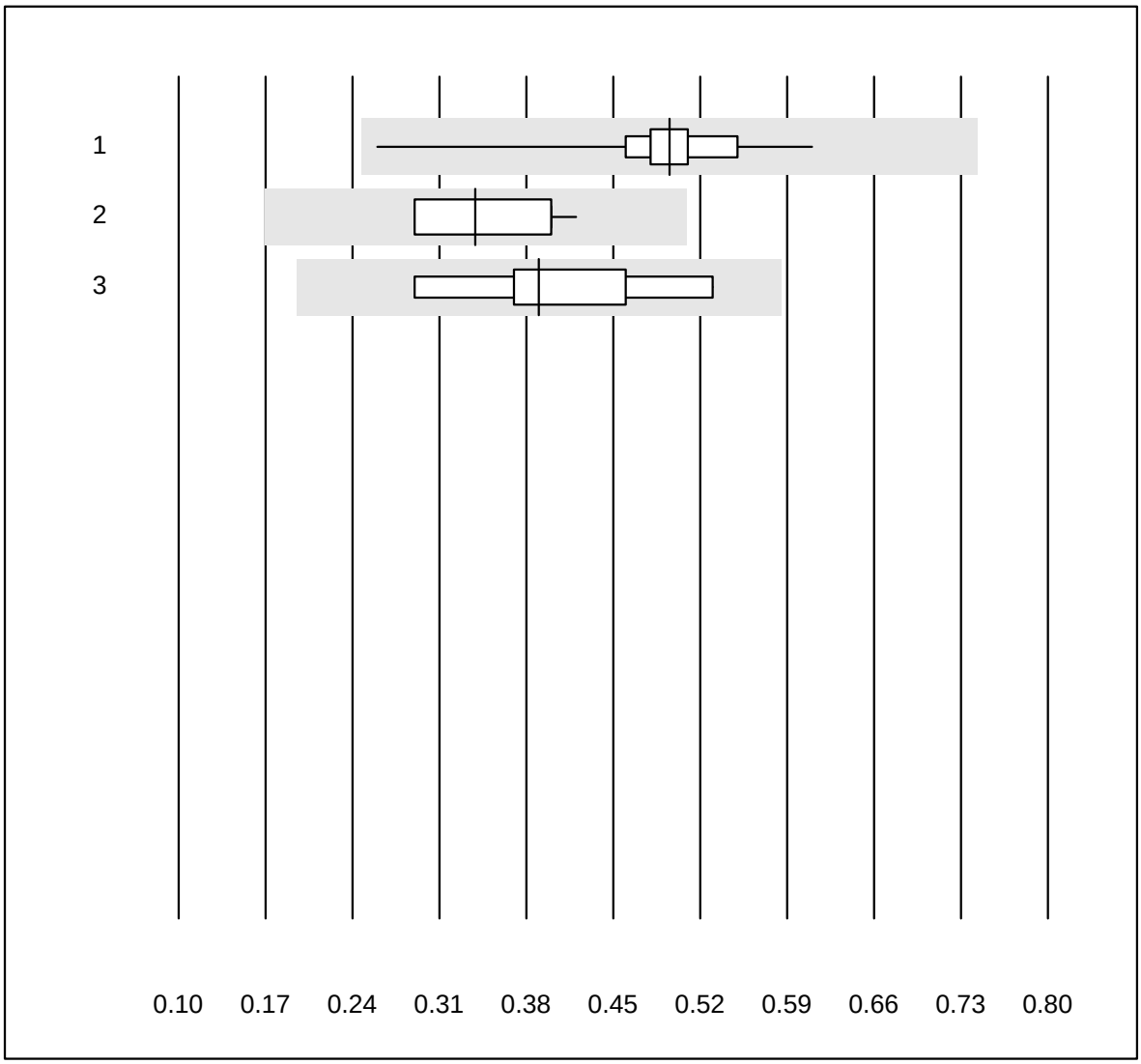


Tolleranza QUALAB : 25 %

Monociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	0.59	31.7	a
2	Advia	10	100.0	0.0	0.0	0.59	36.9	a
3	ABX Pentra	7	100.0	0.0	0.0	0.74	50.0	a

Eosinofili

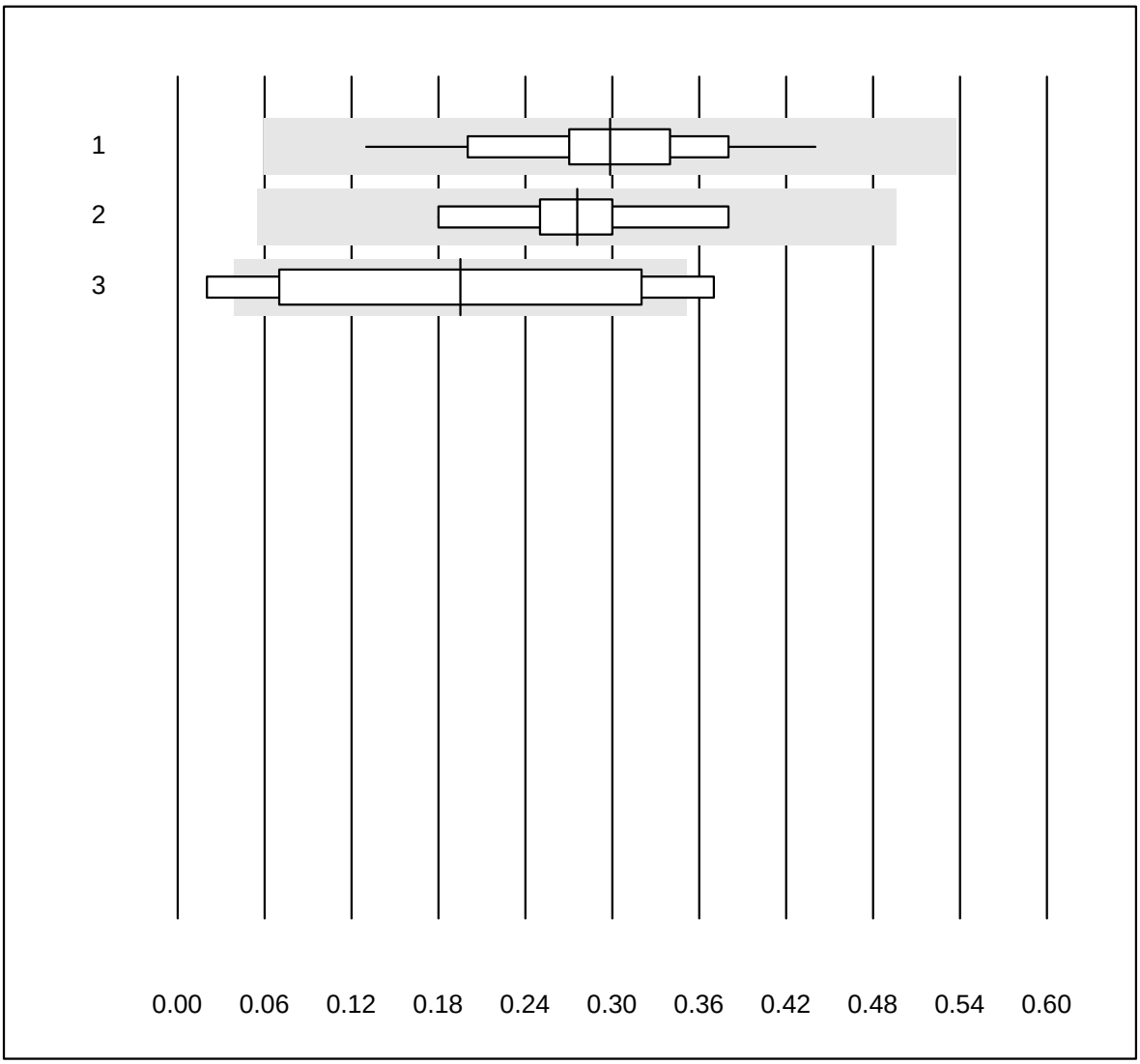


Tolleranza QUALAB : 50 %

Eosinofili (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	0.50	10.7	e
2	Advia	10	100.0	0.0	0.0	0.34	15.1	e
3	ABX Pentra	7	100.0	0.0	0.0	0.39	18.9	e*

Basofili

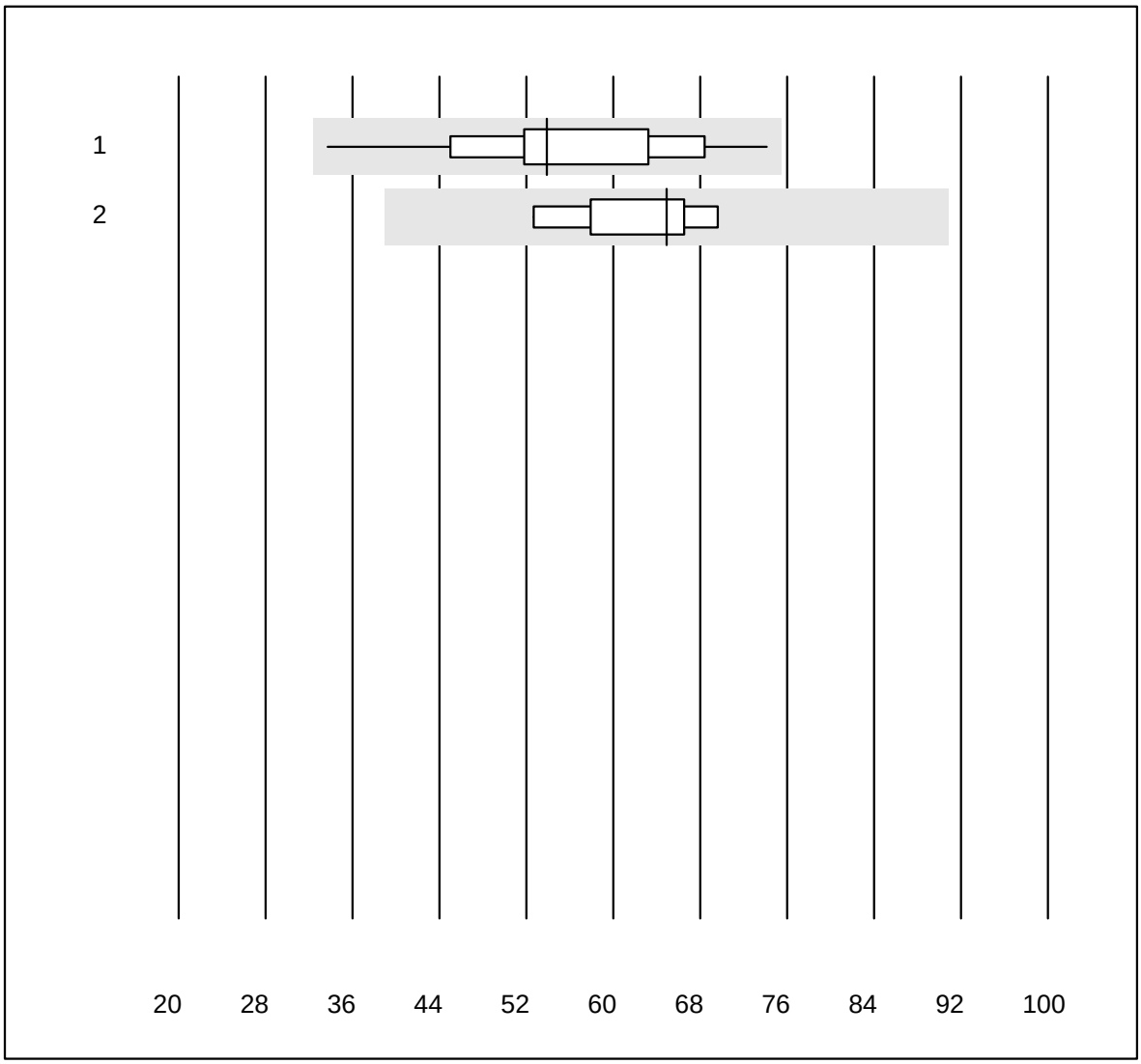


Tolleranza QUALAB : 80 %

Basofili (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	45	100.0	0.0	0.0	0.30	22.7	e
2	Advia	10	90.0	0.0	10.0	0.28	21.1	e
3	ABX Pentra	7	71.4	28.6	0.0	0.20	77.3	a

Reticolociti

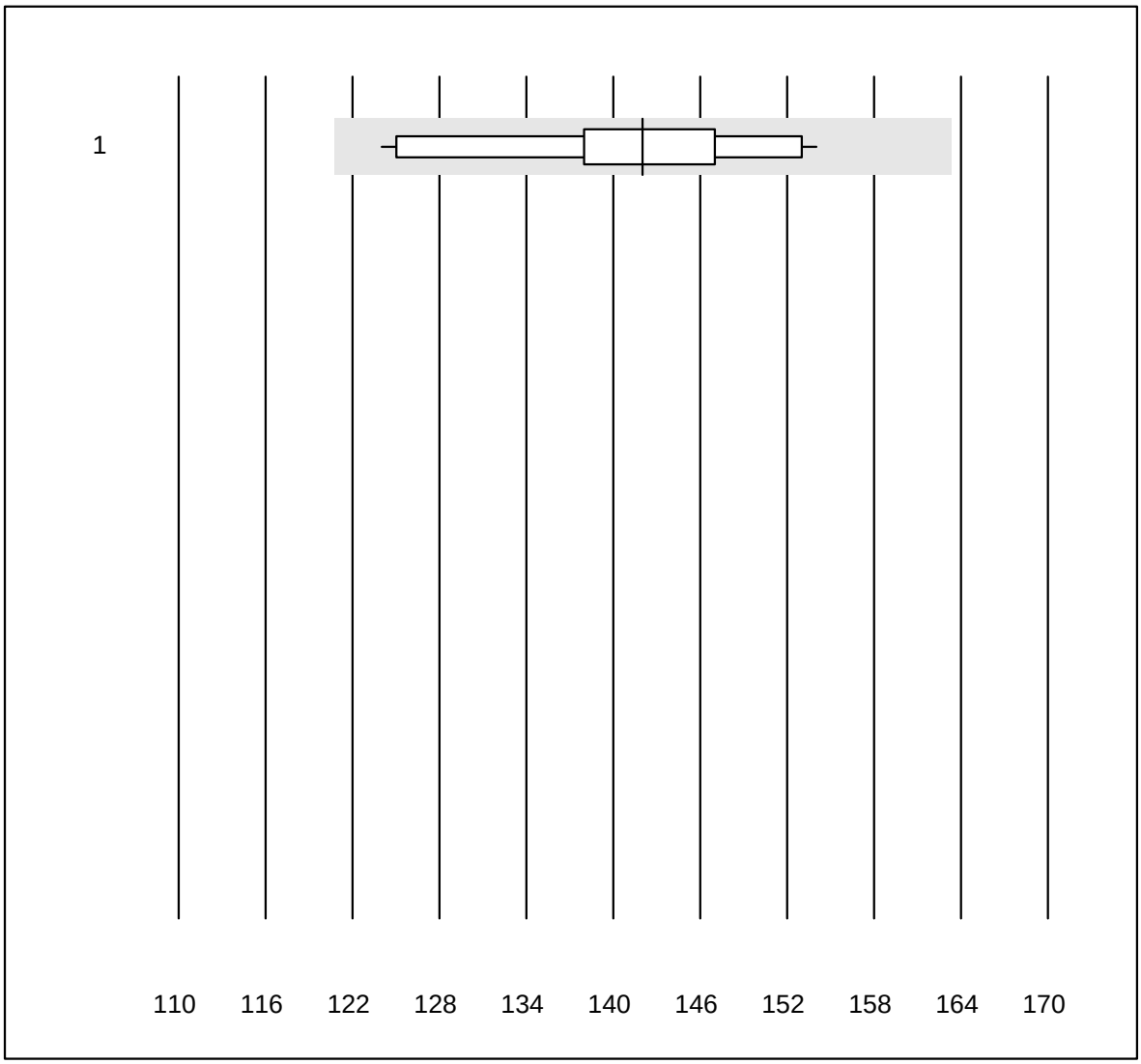


Tolleranza QUALAB : 25 %

Reticolociti (G/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sysmex	22	95.5	0.0	4.5	53.9	17.5	a
2	Advia	8	100.0	0.0	0.0	64.9	8.6	a

Hämolyseindex Probe A

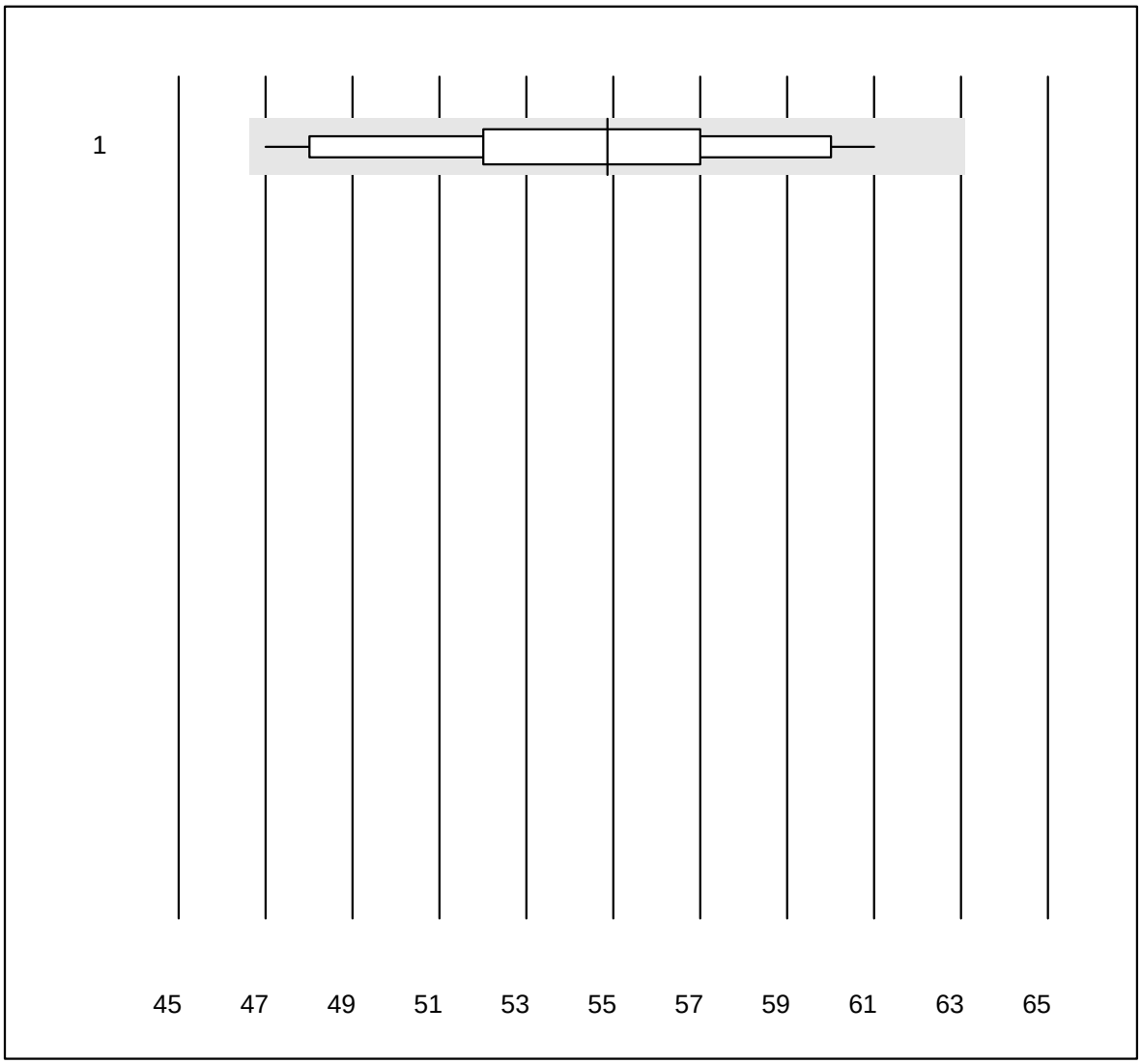


Tolleranza QUALAB : 15 %

Hämolyseindex Probe A ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	17	100.0	0.0	0.0	142.0	6.8	e

Hämolyseindex Probe B

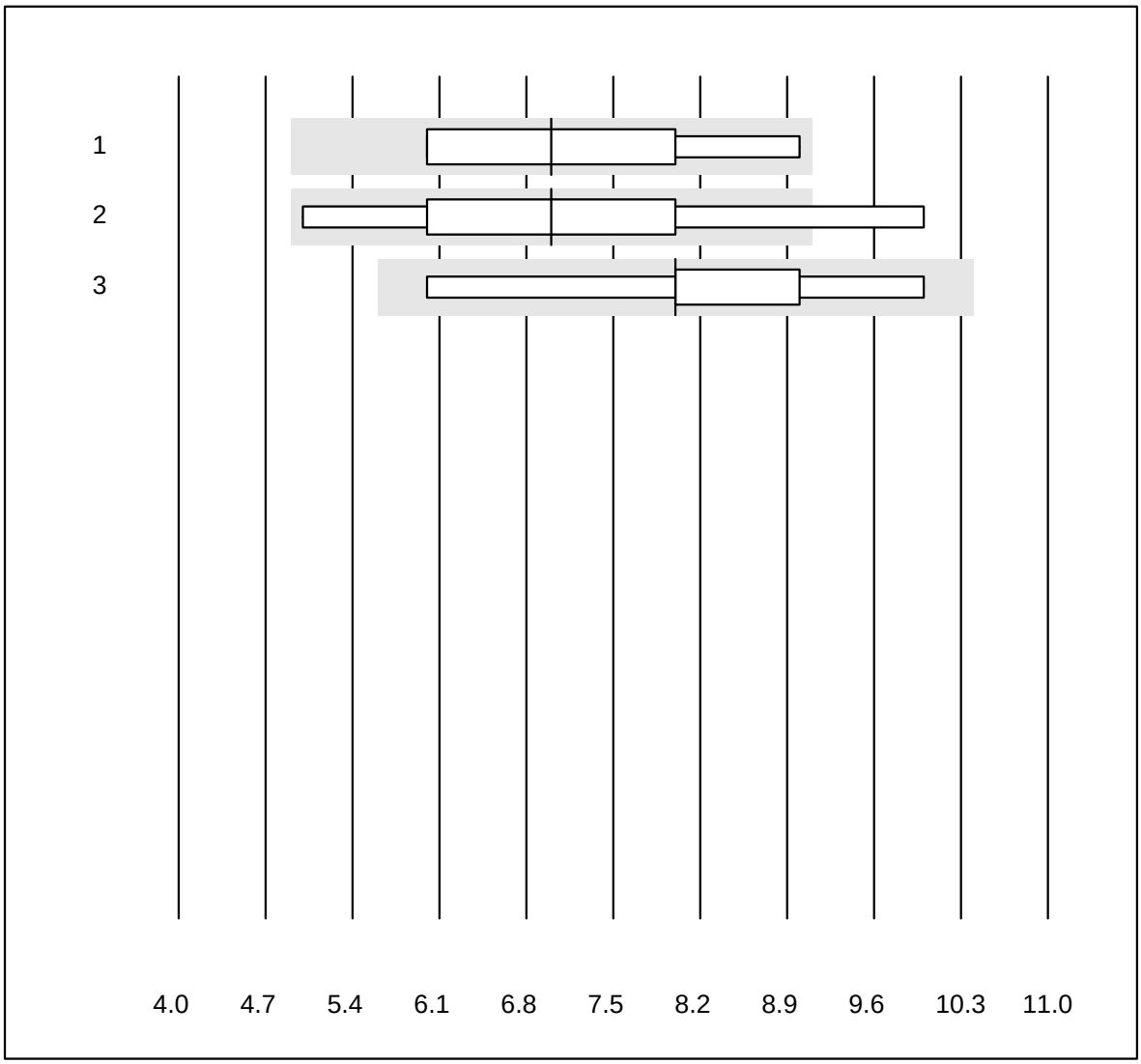


Tolleranza QUALAB : 15 %

Hämolyseindex Probe B ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	17	100.0	0.0	0.0	54.9	7.3	e

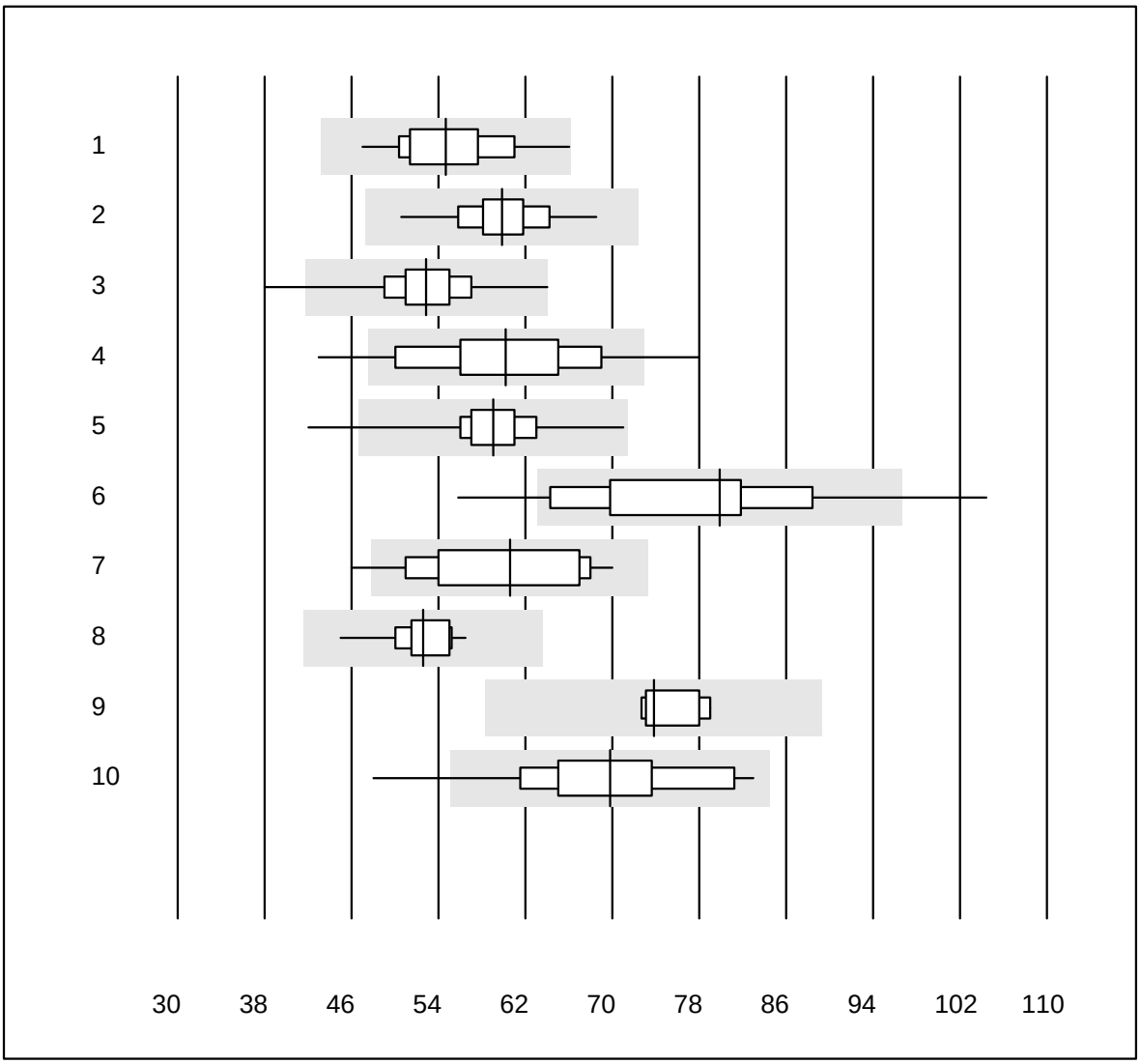
Velocità di eritrosedimentazione 1h



Tolleranza QUALAB : 30 % Velocità di eritrosedimentazione 1h (mm/h)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Sarstedt Sedivette	8	87.5	0.0	12.5	7	16.5	e*
2	BD Seditainer	9	88.9	11.1	0.0	7	22.7	e*
3	altro	5	100.0	0.0	0.0	8	18.1	e*

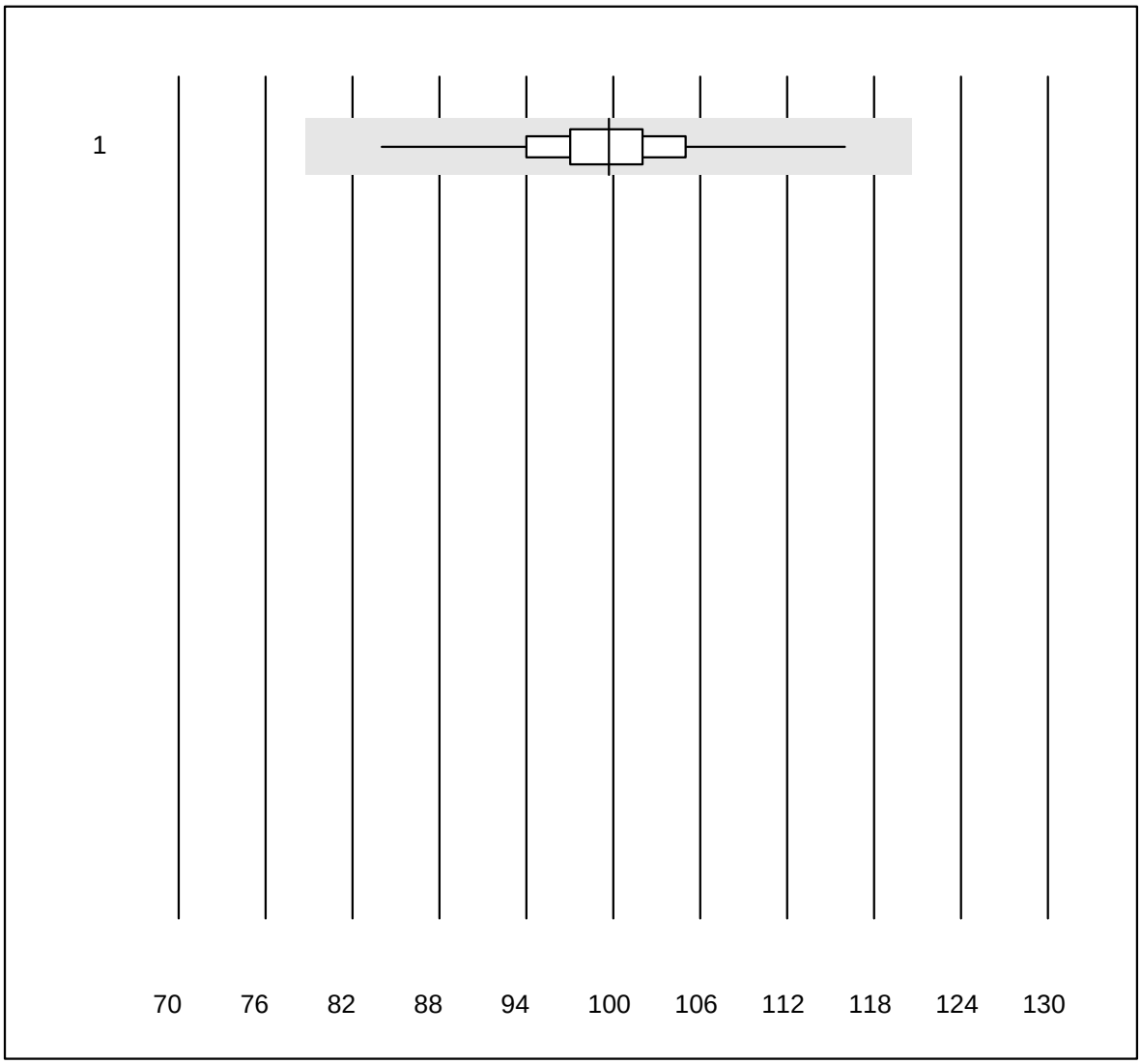
CRP



Tolleranza QUALAB : 21 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	17	100.0	0.0	0.0	54.7	8.7	e
2	Turbidimetrie	42	100.0	0.0	0.0	59.9	5.8	e
3	Afinion	1316	99.5	0.3	0.2	52.9	6.2	e
4	NycoCard SingleTest-	273	80.6	8.4	11.0	60.2	11.9	e
5	Quick Read go	174	97.2	1.1	1.7	59.0	6.0	e
6	Eurolyser	123	65.9	8.9	25.2	79.9	13.0	e
7	Fuji Dri-Chem	24	91.6	4.2	4.2	60.6	12.1	e
8	Autolyser/DiaSys	11	100.0	0.0	0.0	52.6	6.0	e
9	Piccolo	8	87.5	0.0	12.5	73.8	3.3	e
10	AFIAS	19	84.2	5.3	10.5	69.8	12.0	e*

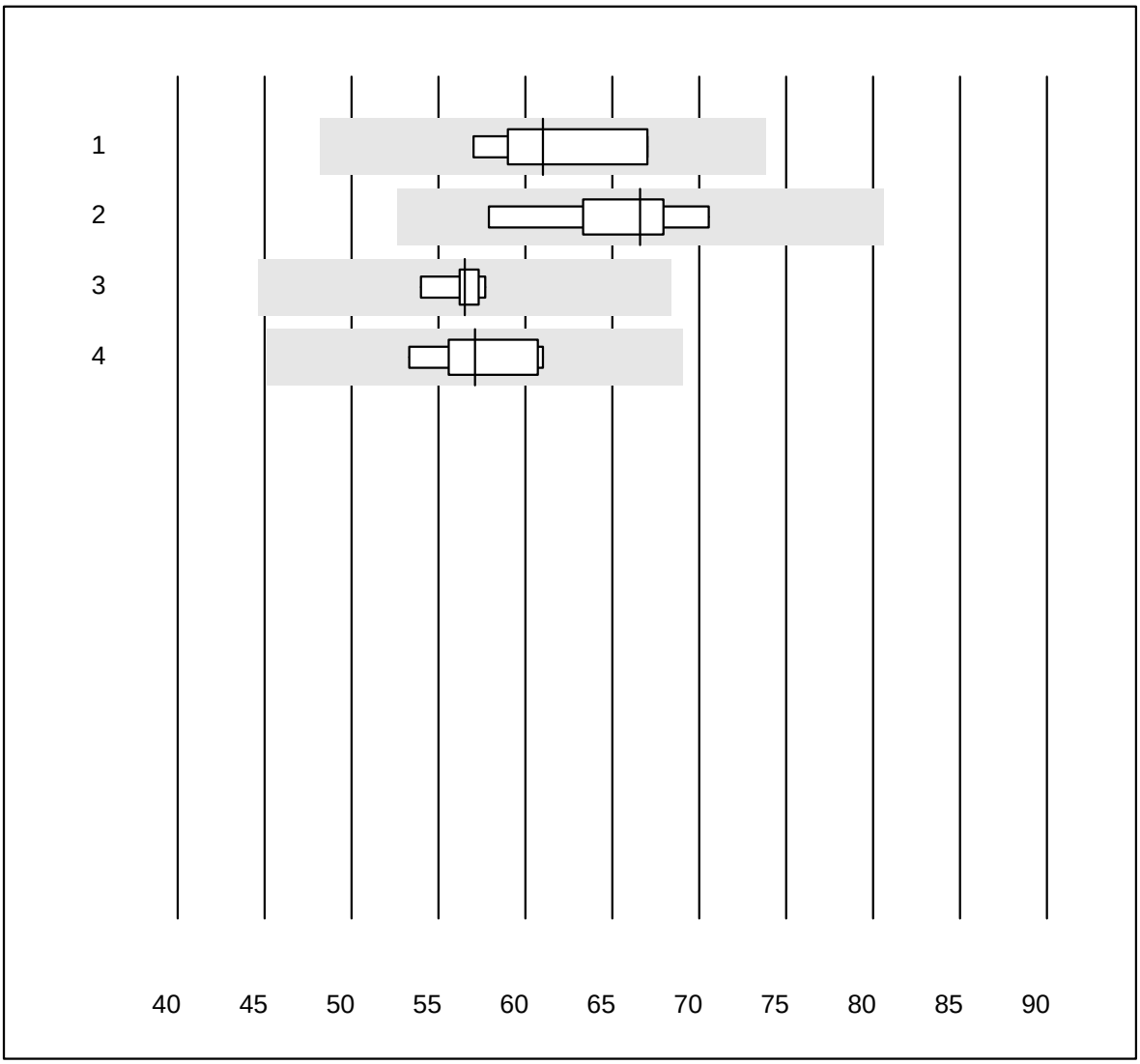
CRP



Tolleranza QUALAB : 21 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	QuickRead (sangue)	114	97.4	0.0	2.6	99.7	5.2	e

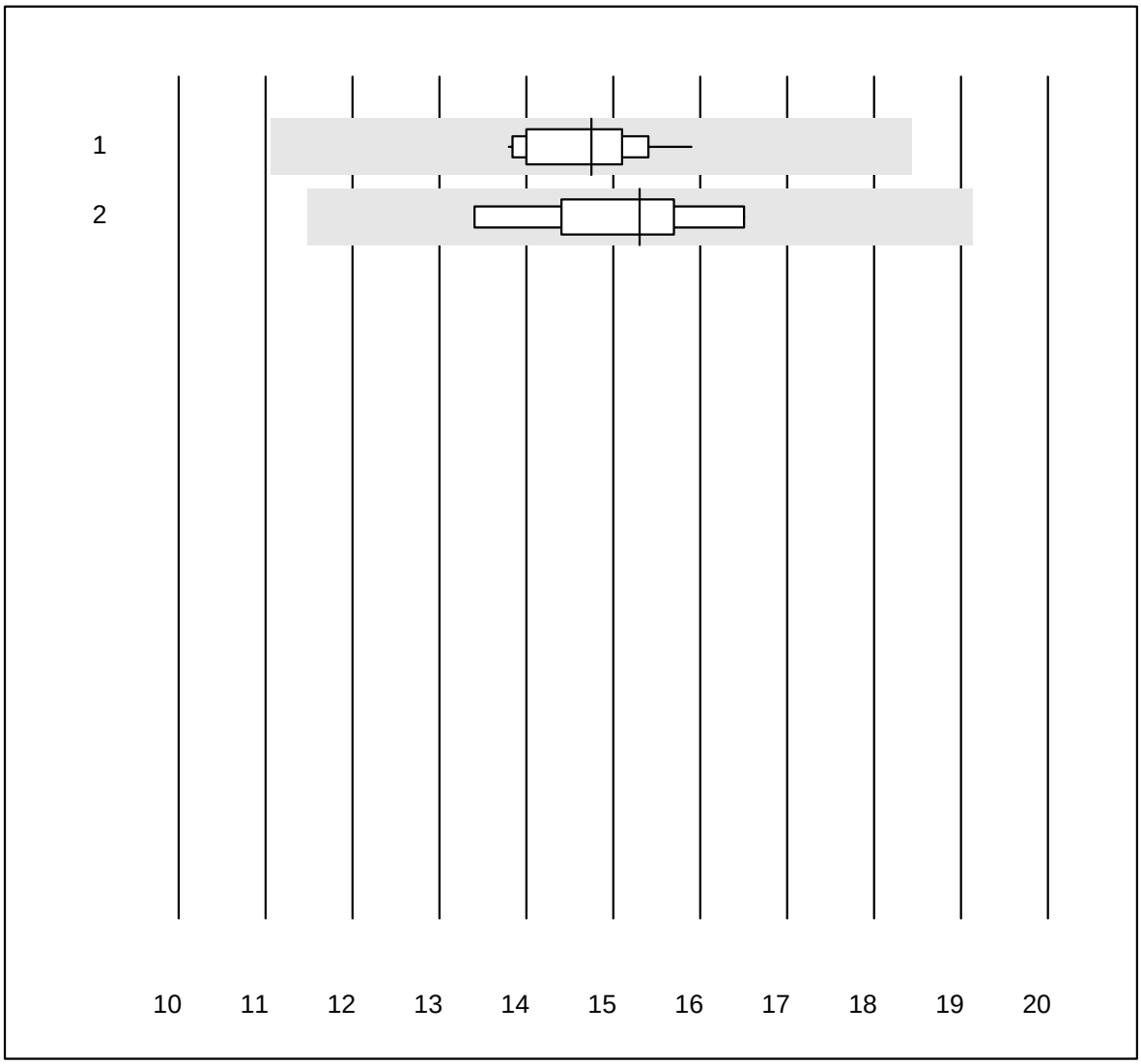
CRP



Tolleranza QUALAB : 21 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	AQT 90 FLEX	8	100.0	0.0	0.0	61.0	6.6	e
2	Spotchem D-Concept	5	100.0	0.0	0.0	66.6	7.5	e*
3	Spotchem SI-3510	5	100.0	0.0	0.0	56.5	2.6	e
4	altro	6	83.3	0.0	16.7	57.1	5.8	e

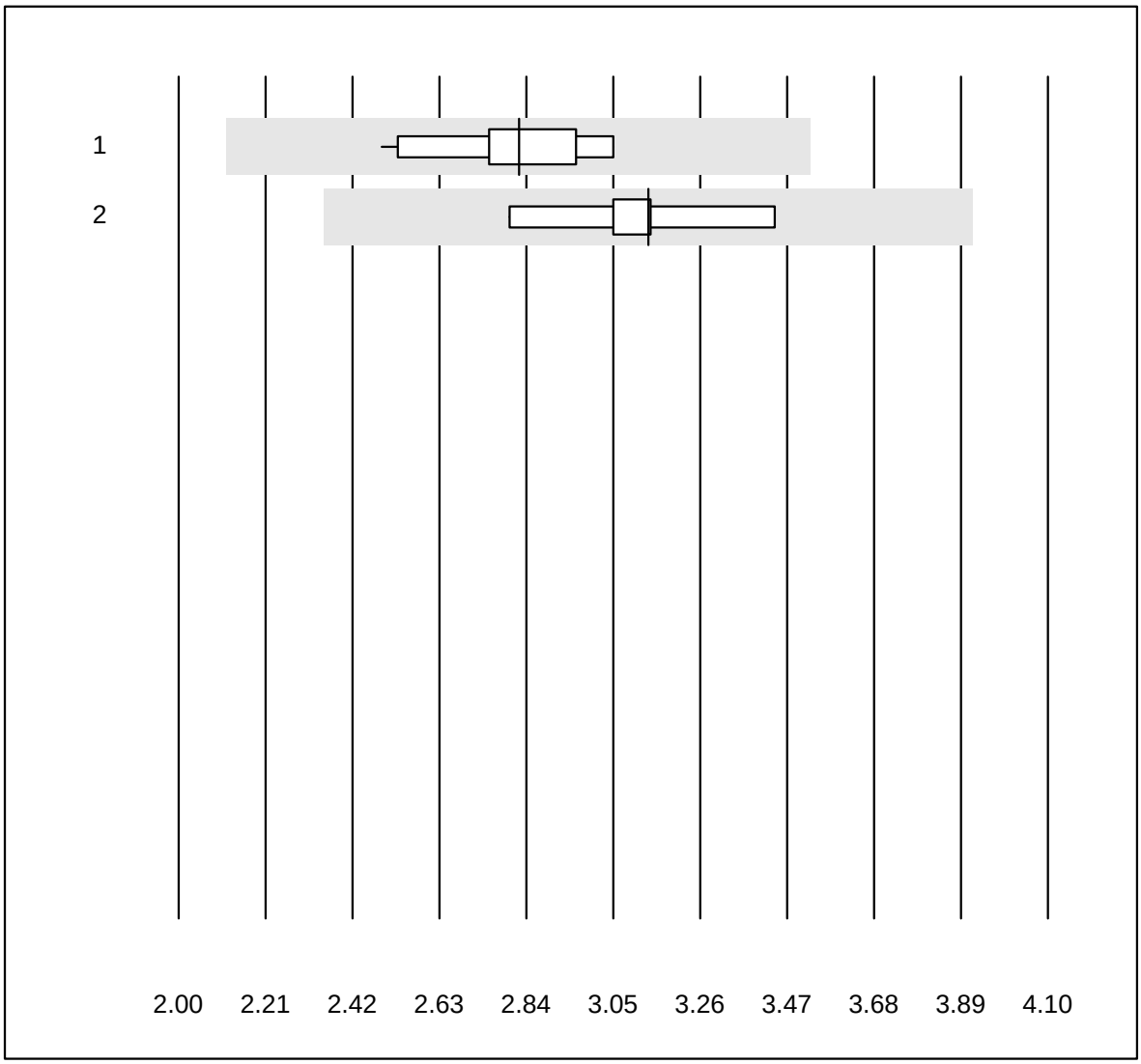
IgG



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Turbidimetrie	12	100.0	0.0	0.0	14.7	4.4	e
2	Nephelometrie	8	100.0	0.0	0.0	15.3	6.7	e

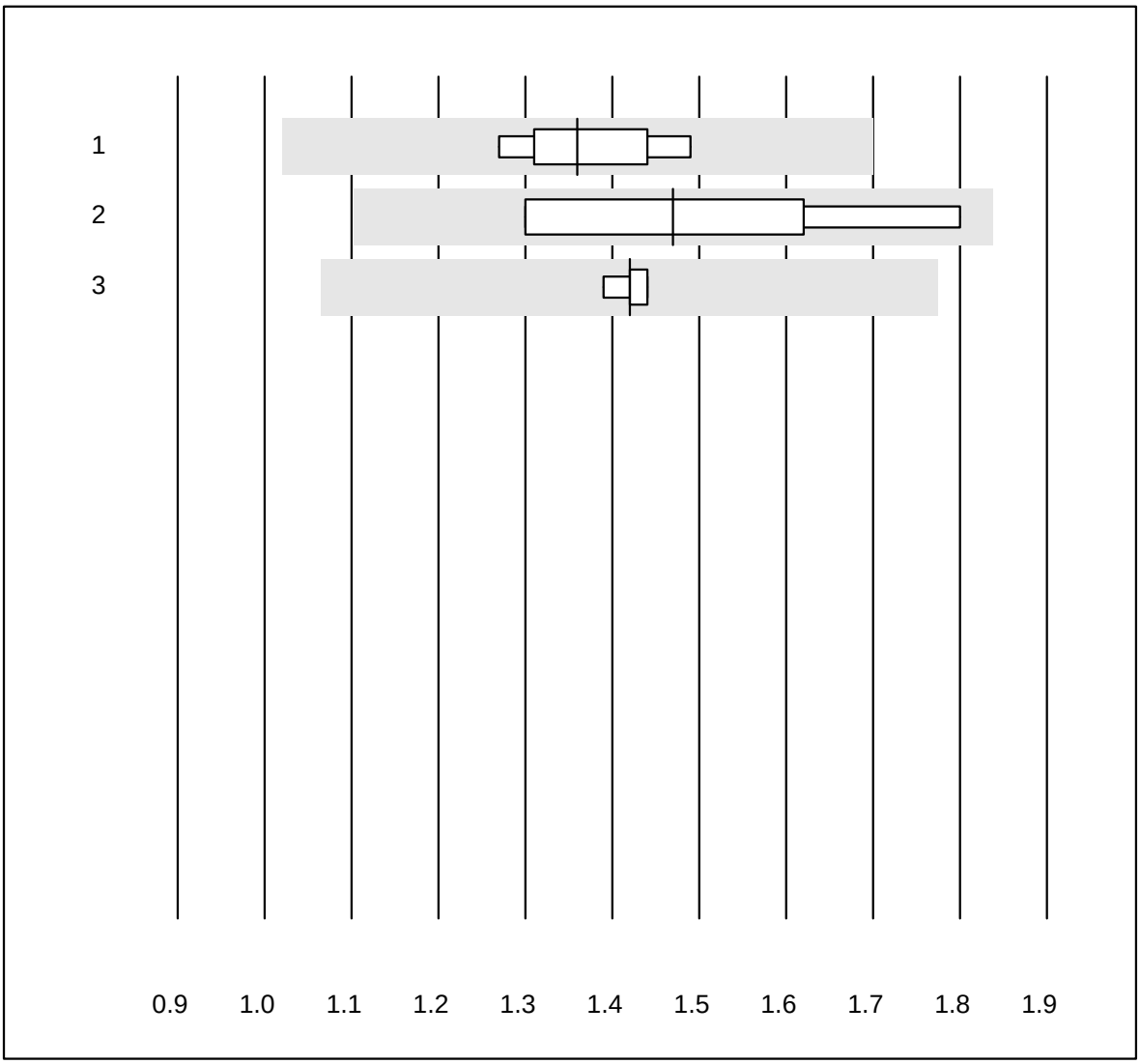
IgA



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Turbidimetrie	12	100.0	0.0	0.0	2.8	6.6	e
2	Nephelometrie	8	100.0	0.0	0.0	3.1	5.6	e

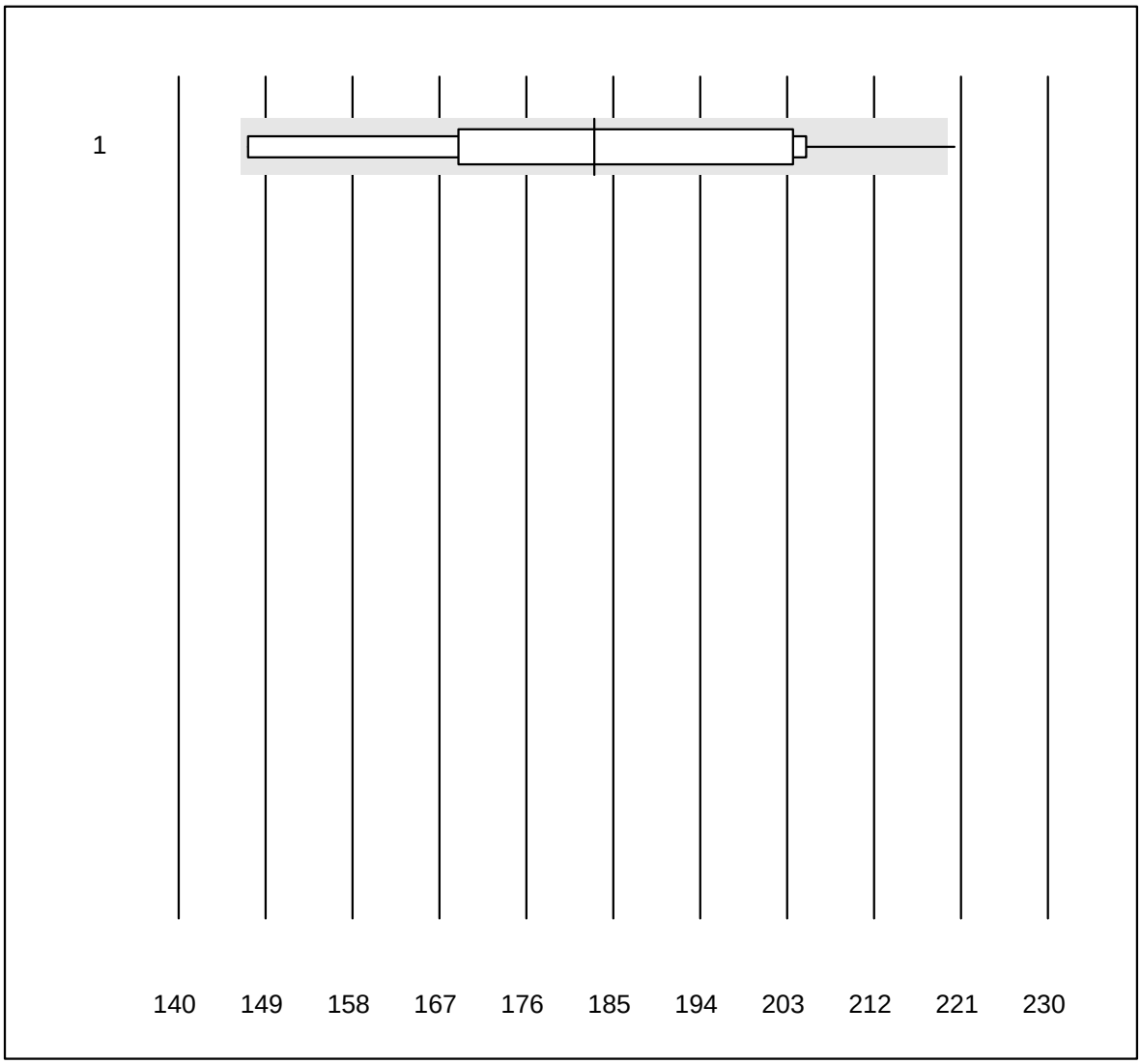
IgM



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Turbidimetrie	7	100.0	0.0	0.0	1.4	5.8	e
2	Nephelometrie	8	100.0	0.0	0.0	1.5	11.8	e*
3	Cobas Integra 800/40	5	100.0	0.0	0.0	1.4	1.4	e

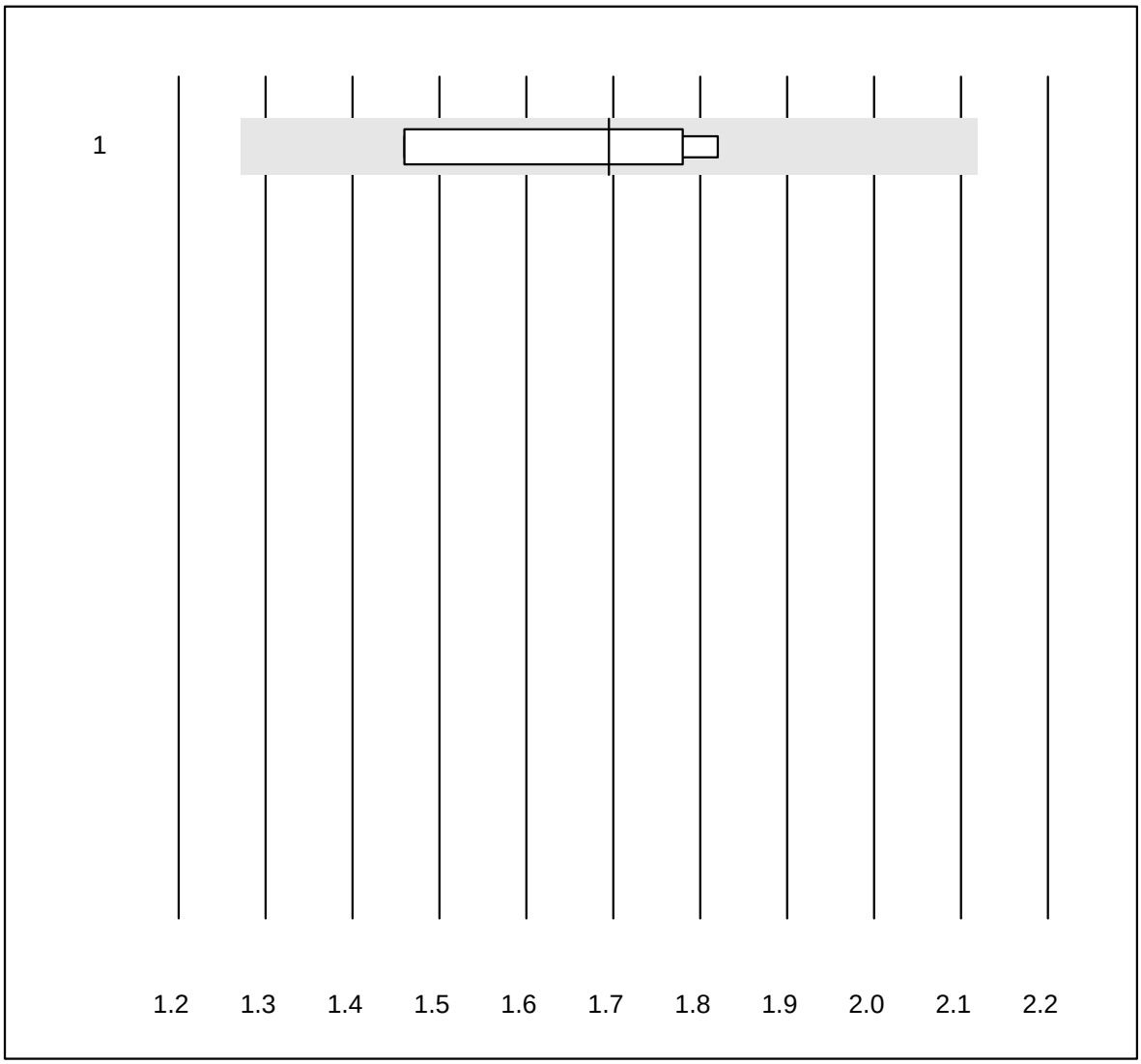
IgE



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	10	90.0	10.0	0.0	183	11.9	e*

Alpha-1-Antitripsina

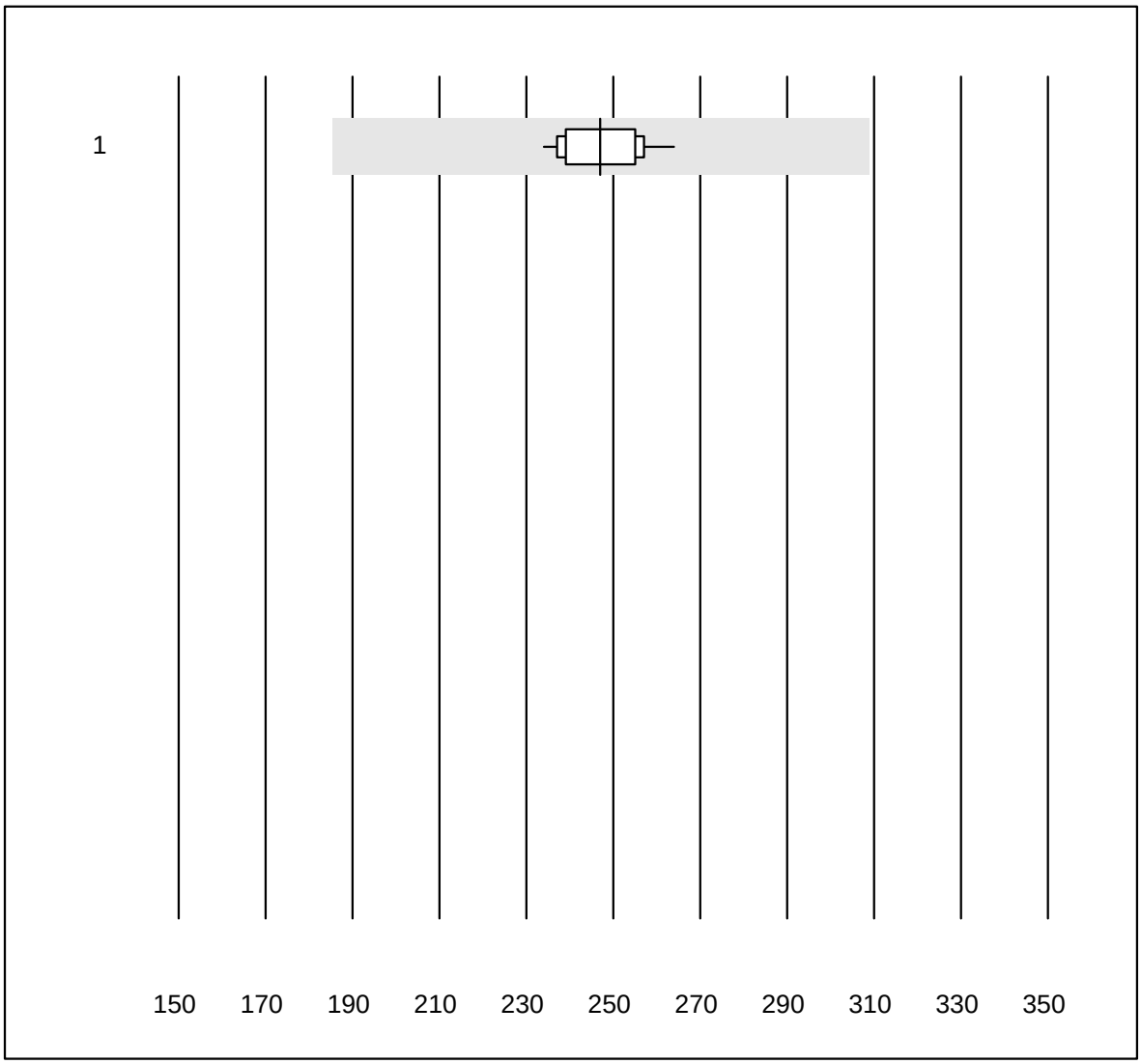


Tolleranza QUALAB : 25 %

Alpha-1-Antitripsina (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Nephelometrie	4	100.0	0.0	0.0	1.70	9.9	e*

Anticorpi anti-streptolisina

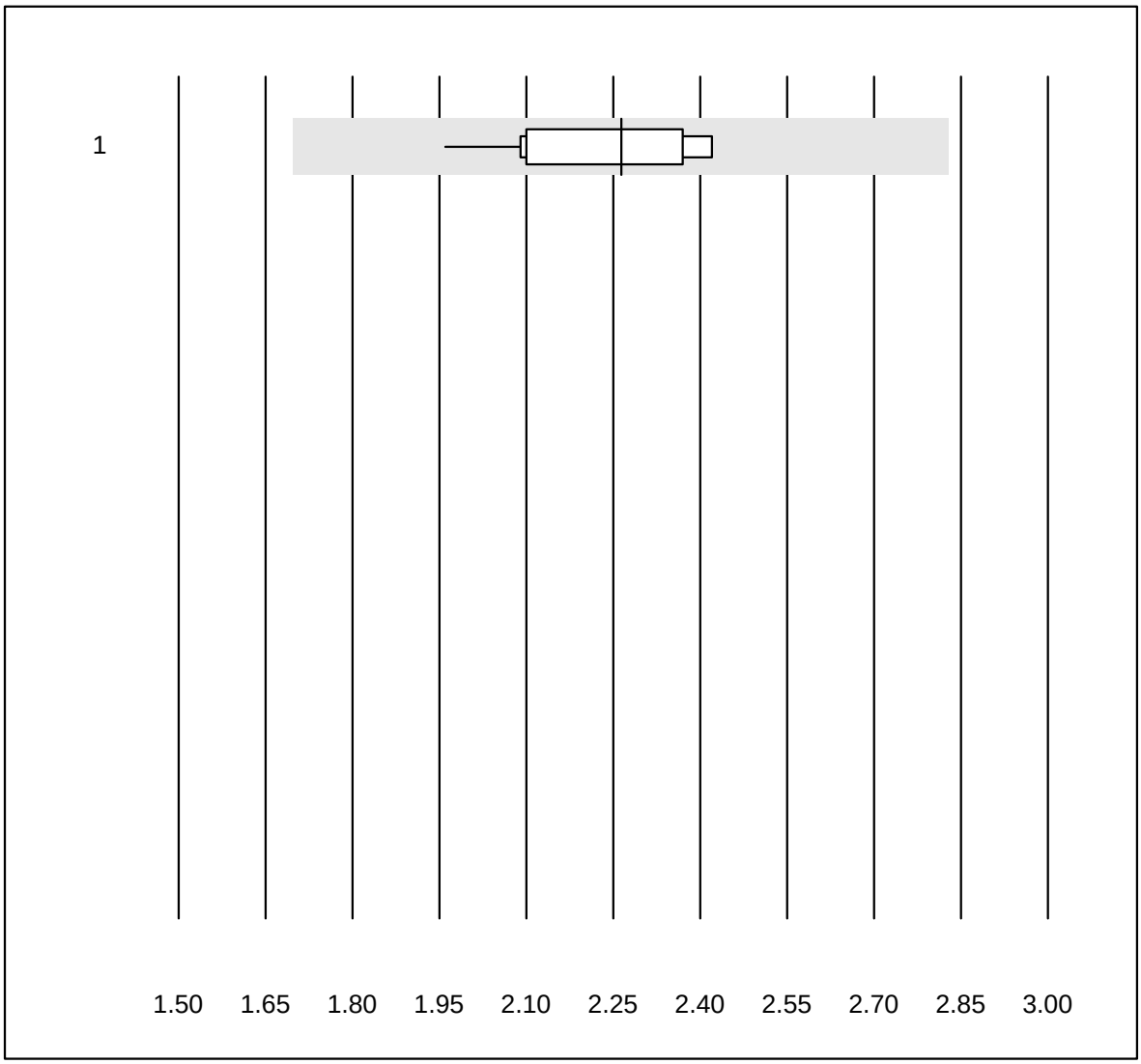


Tolleranza QUALAB : 25 %

Anticorpi anti-streptolisina (kIU/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	12	100.0	0.0	0.0	247	3.8	e

Complemento C3

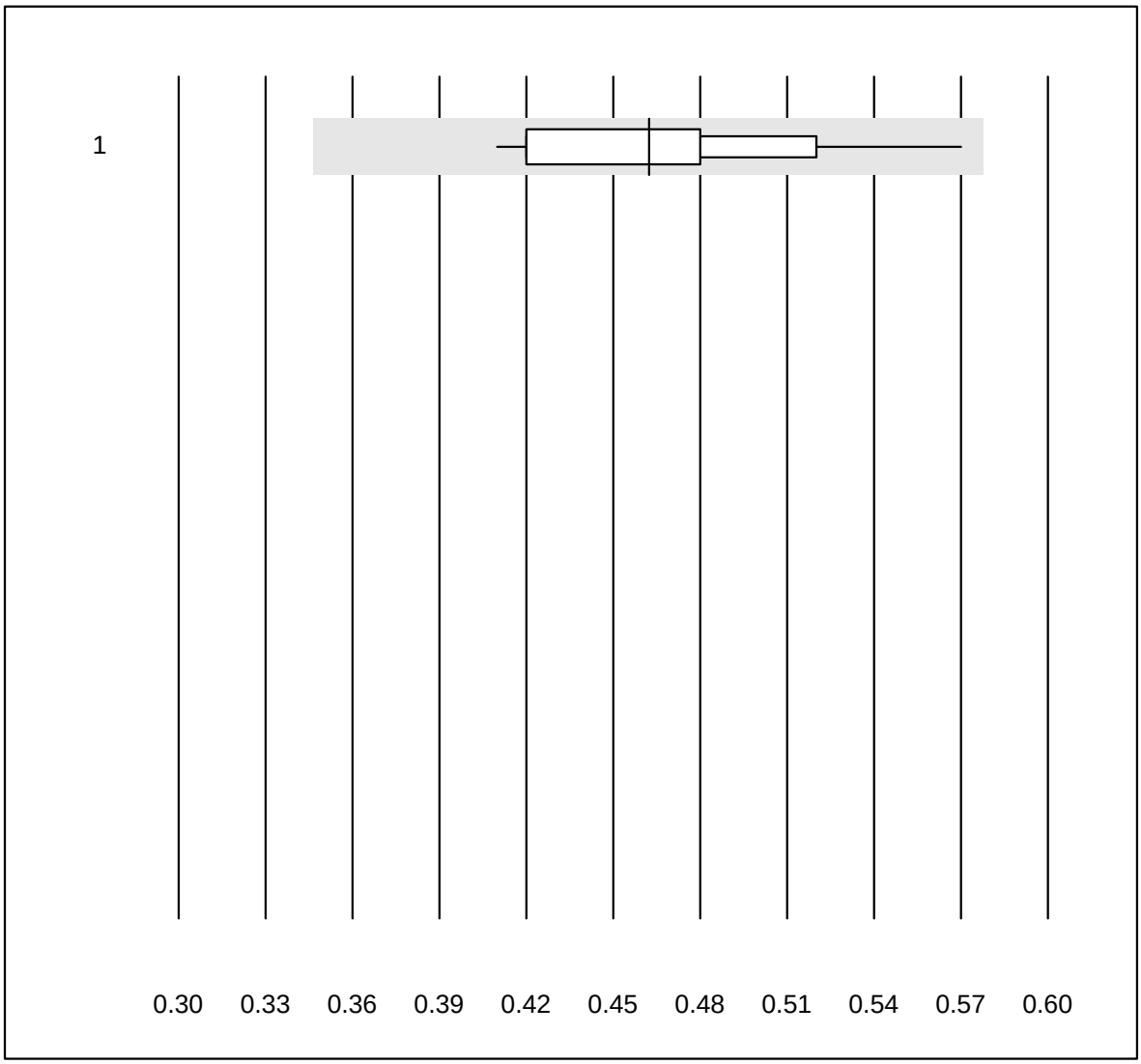


Tolleranza QUALAB : 25 %

Complemento C3 (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	12	100.0	0.0	0.0	2.26	6.7	e

Complemento C4

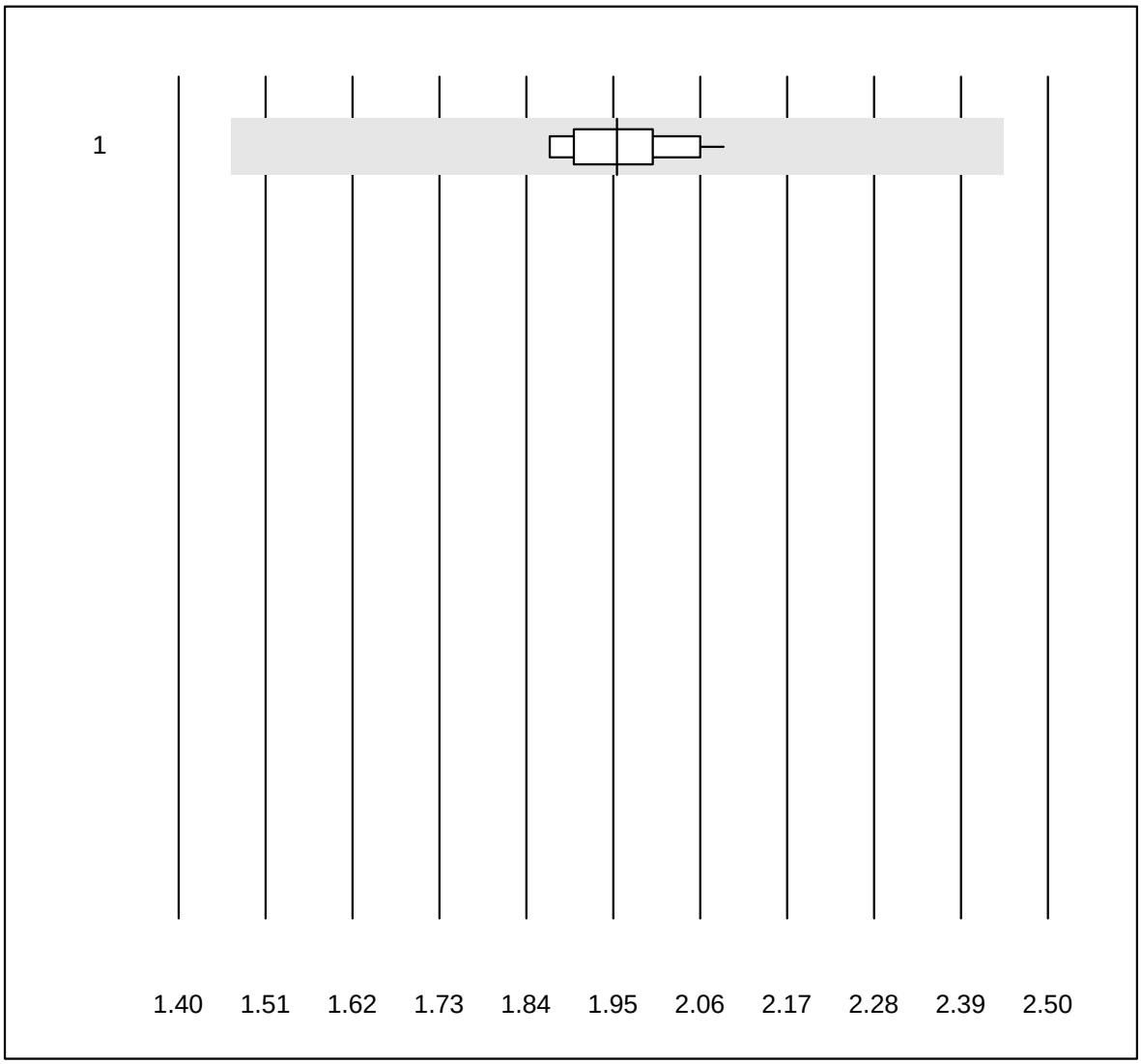


Tolleranza QUALAB : 25 %

Complemento C4 (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	11	100.0	0.0	0.0	0.46	10.7	e*

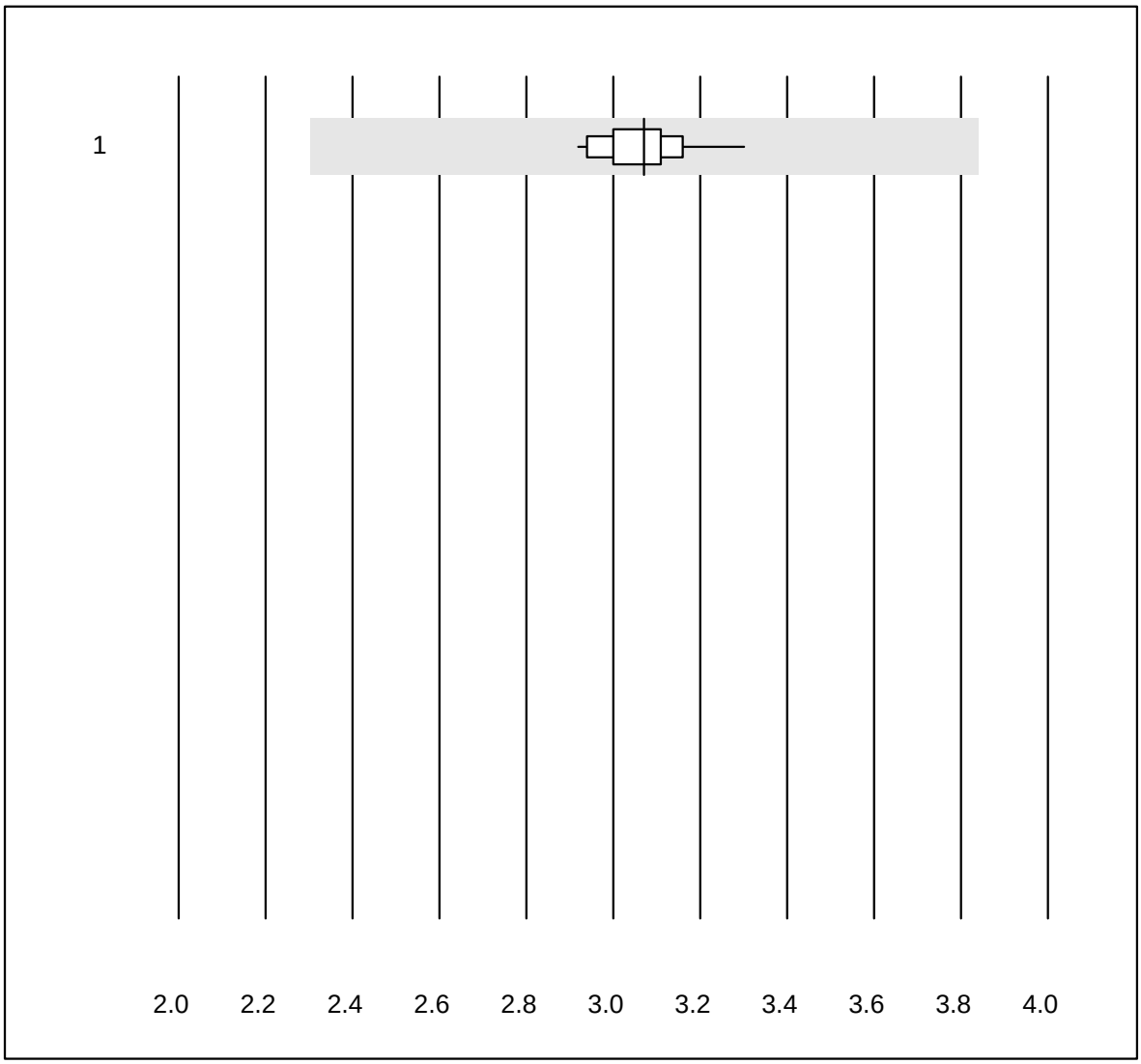
Aptoglobina



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	13	100.0	0.0	0.0	1.95	3.5	e

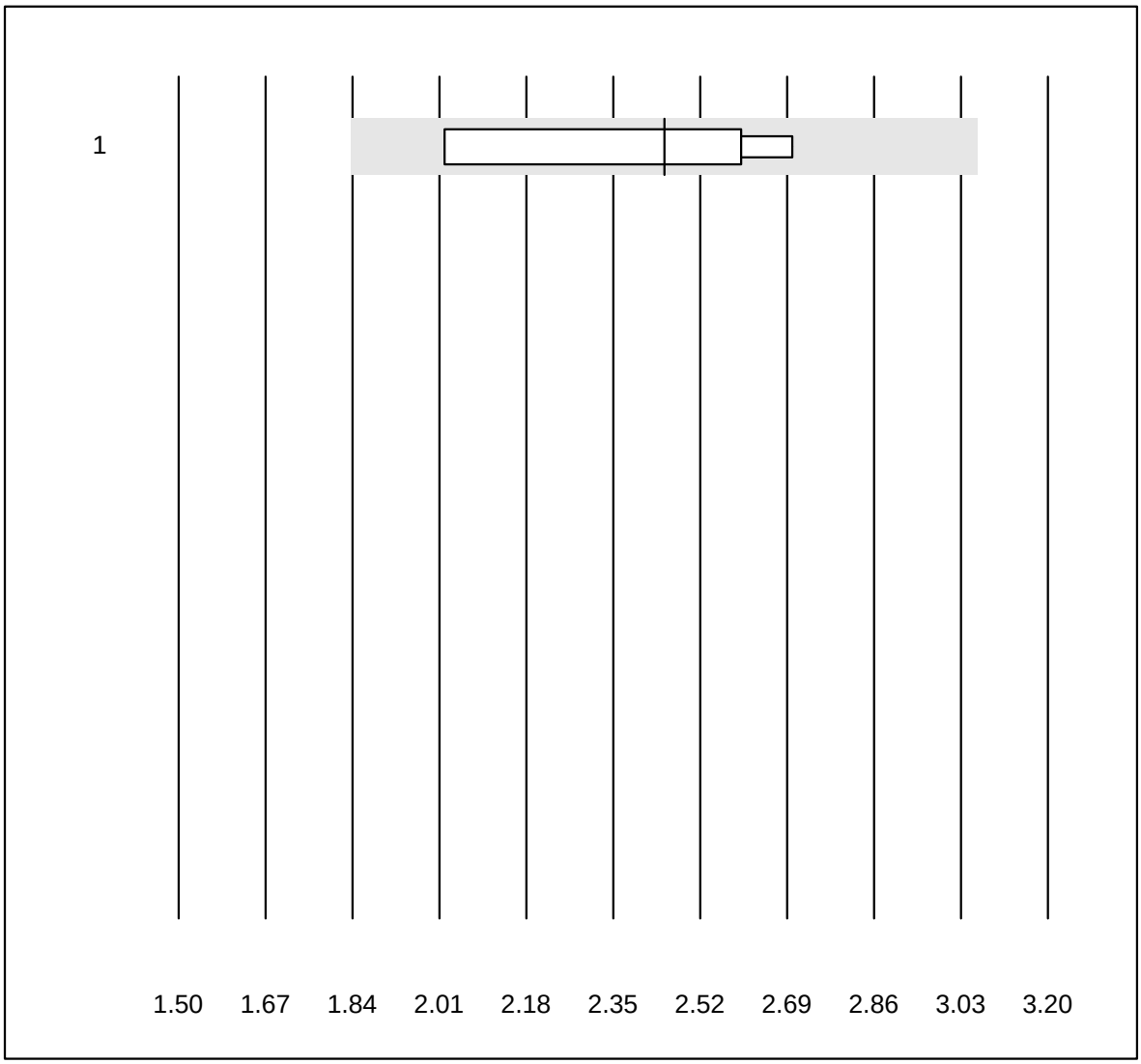
Transferrina



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	22	100.0	0.0	0.0	3.07	3.3	e

Beta-2-Mikroglobulin

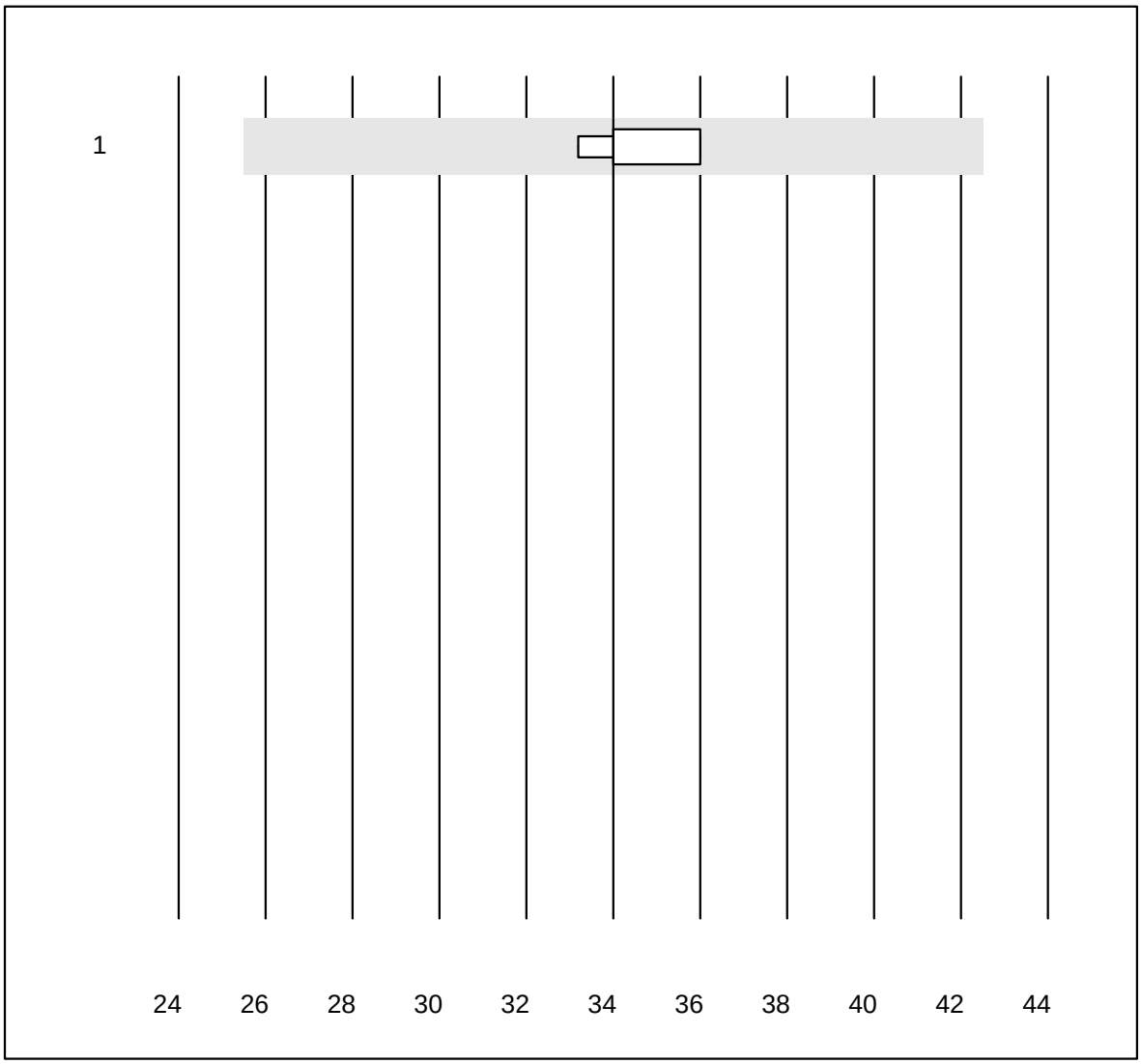


Tolleranza QUALAB : 25 %

Beta-2-Mikroglobulin (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	2.45	12.8	e*

Fattore reumatoide

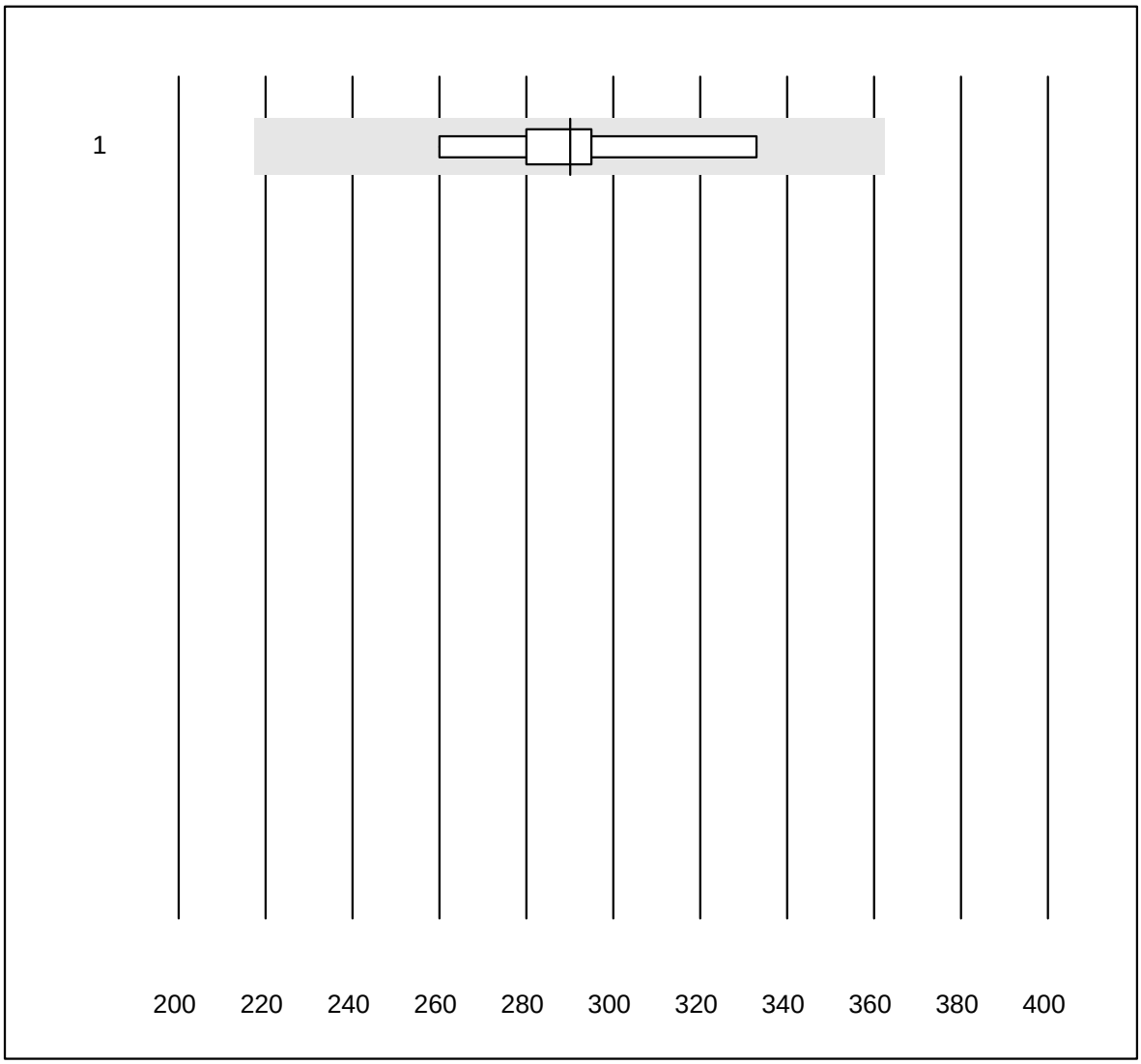


Tolleranza QUALAB : 25 %

Fattore reumatoide (U/ml)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	5	100.0	0.0	0.0	34.0	3.7	e

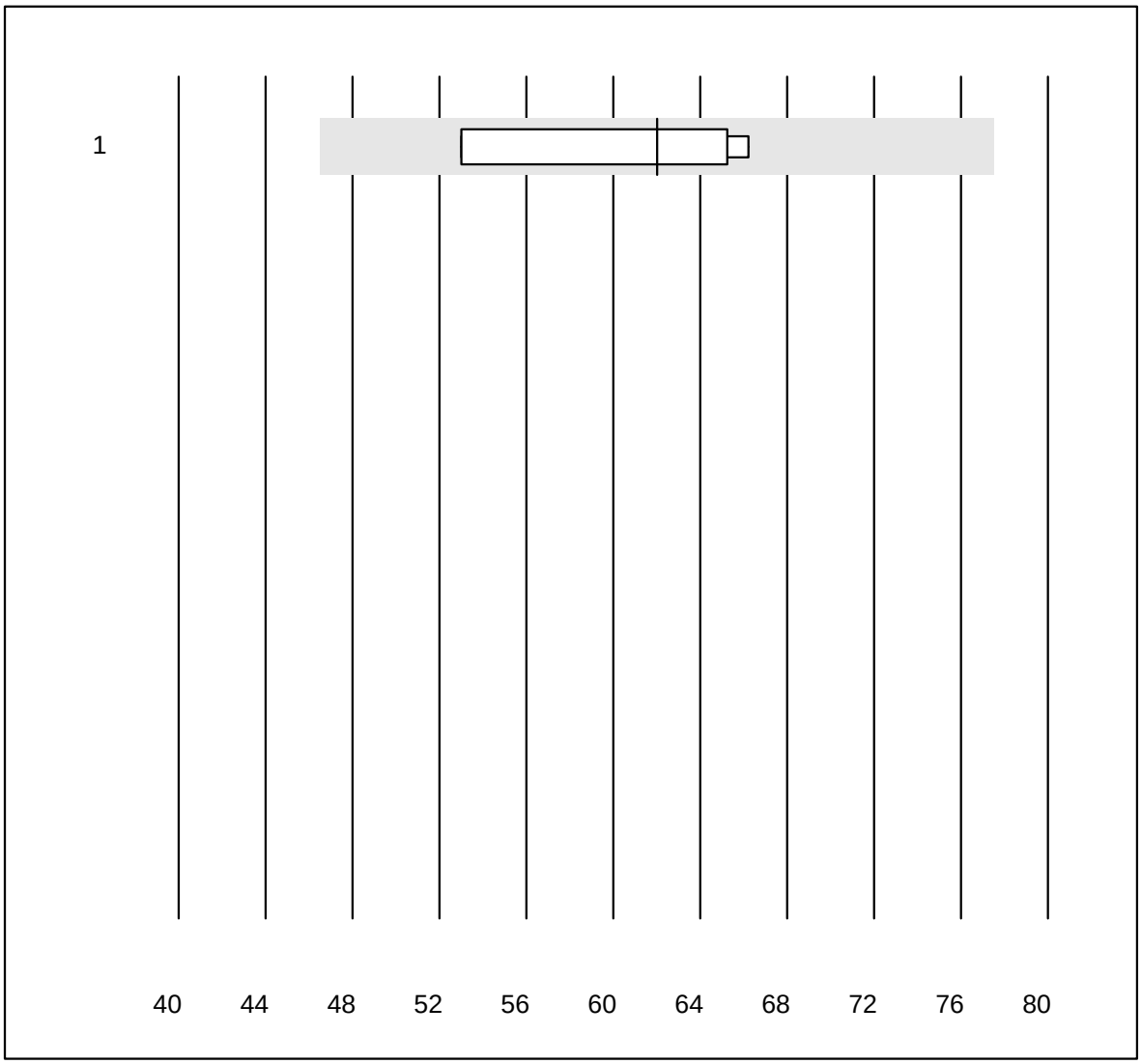
Präalbumin



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	9	100.0	0.0	0.0	290.0	7.0	e

Lipoprotein (a)

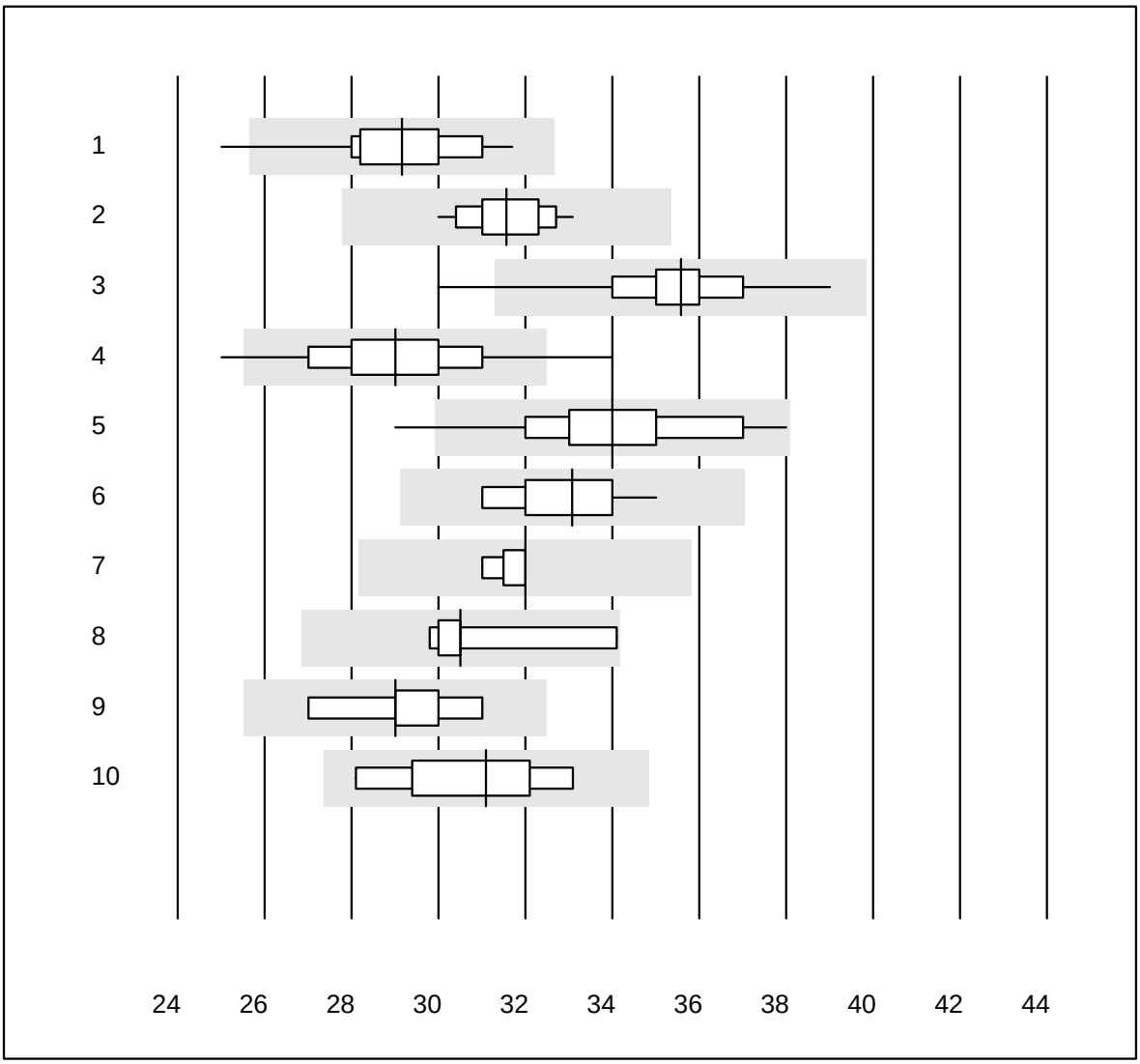


Tolleranza QUALAB : 25 %

Lipoprotein (a) (nmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	62	9.9	a

Albumina

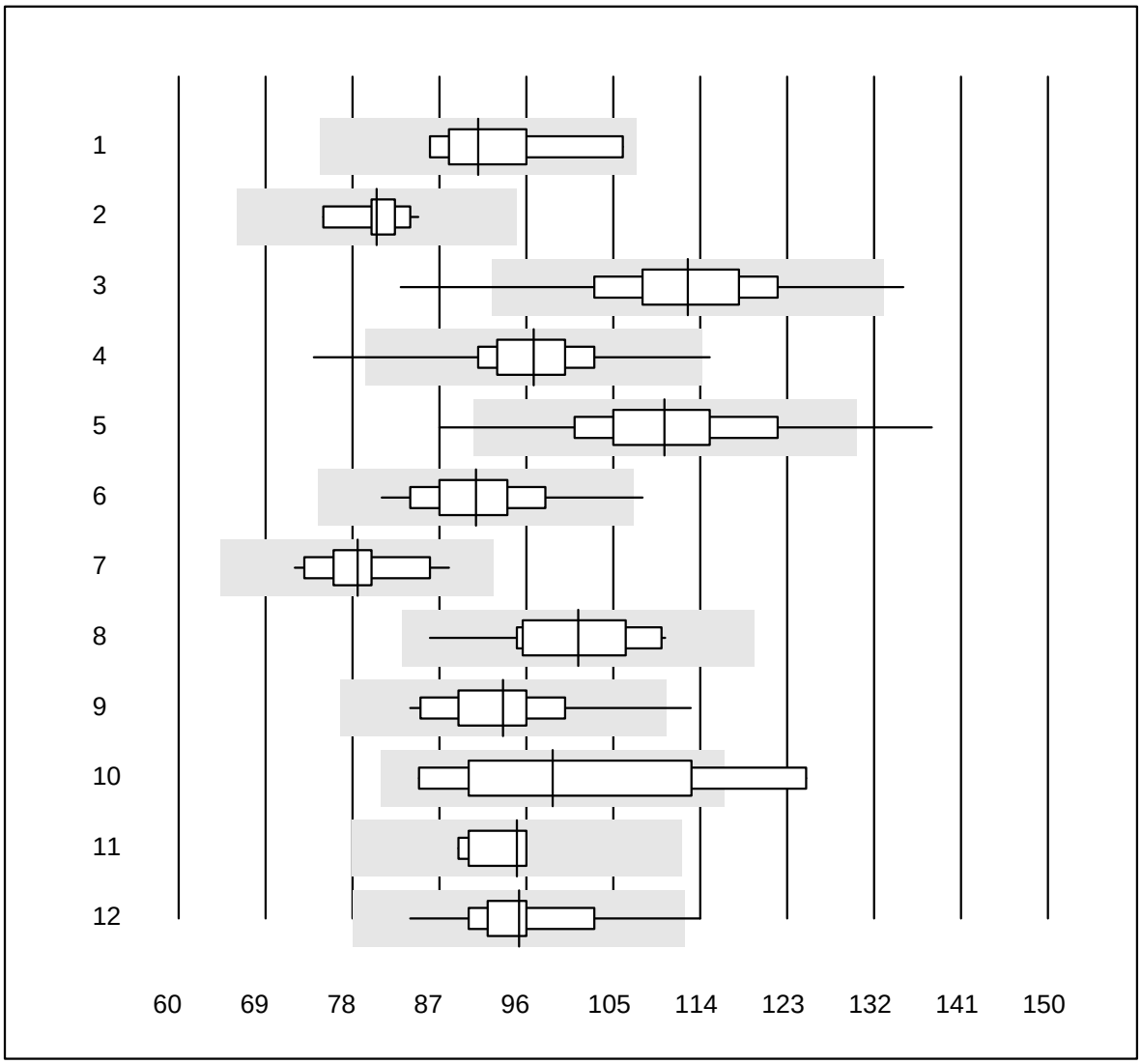


Tolleranza QUALAB : 12 %

Albumina (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	28	96.4	3.6	0.0	29	4.7	e
2	Cobas	15	100.0	0.0	0.0	32	2.8	e
3	Fuji Dri-Chem	202	99.0	0.5	0.5	36	3.8	e
4	Spotchem/Ready	34	85.3	11.8	2.9	29	6.5	e
5	Spotchem D-Concept	105	99.0	1.0	0.0	34	5.6	e
6	Piccolo	39	100.0	0.0	0.0	33	3.2	e
7	Skyla	6	100.0	0.0	0.0	32	1.3	e
8	Abx Mira	5	100.0	0.0	0.0	31	5.8	e*
9	Hitachi S40/M40	8	100.0	0.0	0.0	29	4.4	e*
10	Autolyser/DiaSys	7	100.0	0.0	0.0	31	5.4	e*

Fosfatasi alcalina

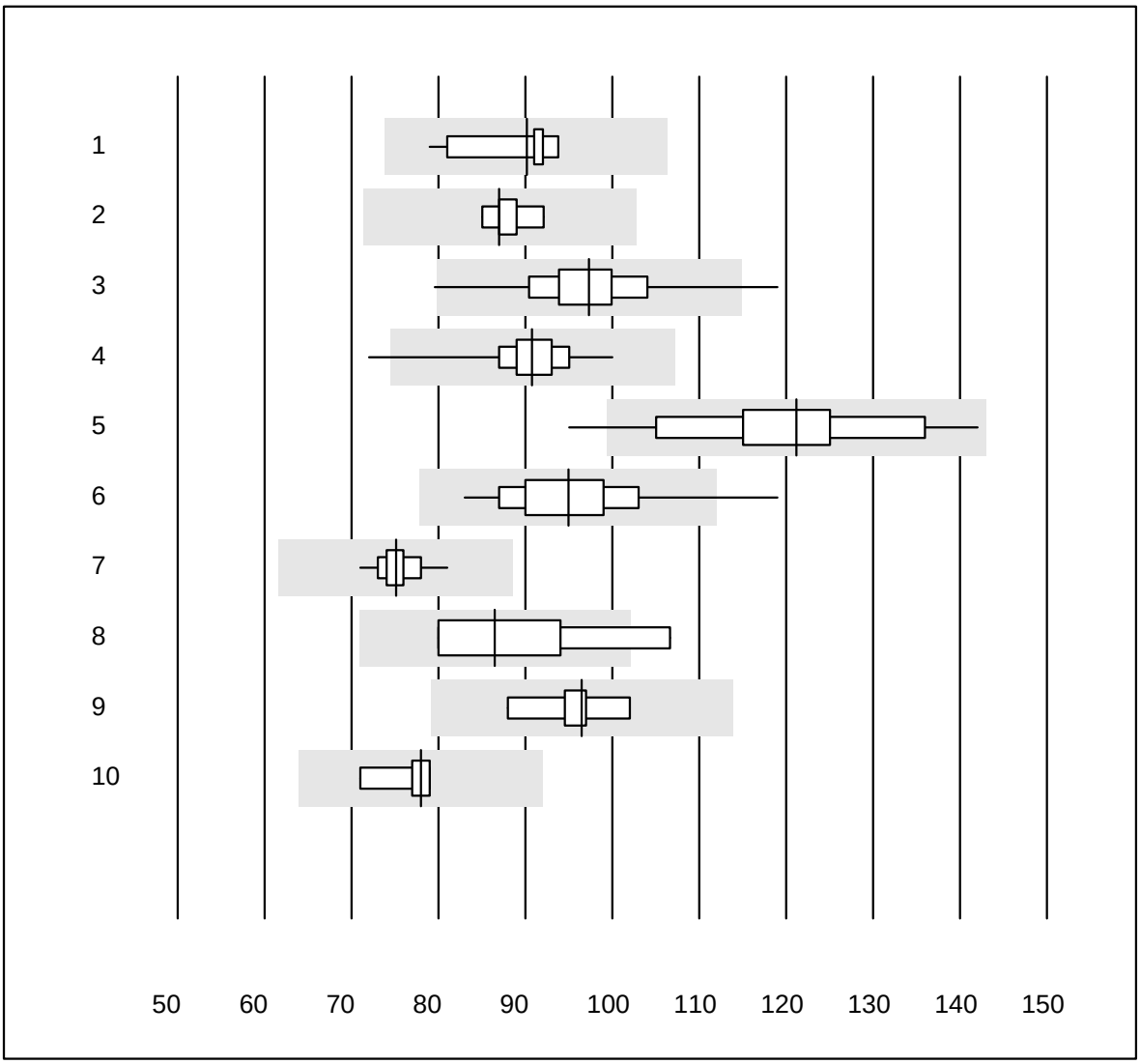


Tolleranza QUALAB : 18 %

Fosfatasi alcalina (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	8	100.0	0.0	0.0	91	7.1	e*
2	Cobas	17	100.0	0.0	0.0	81	3.5	e
3	Reflotron	605	95.5	2.8	1.7	113	7.1	e
4	Fuji Dri-Chem	724	99.4	0.3	0.3	97	5.1	e
5	Spotchem/Ready	89	94.4	4.5	1.1	110	7.8	e
6	Spotchem D-Concept	189	98.4	0.5	1.1	91	5.5	e
7	Hitachi S40/M40	17	100.0	0.0	0.0	79	5.9	e
8	Beckman	21	100.0	0.0	0.0	101	6.7	e
9	Piccolo	35	97.1	2.9	0.0	94	6.8	e
10	Abx Mira	8	75.0	25.0	0.0	99	14.4	e*
11	Skyla	5	100.0	0.0	0.0	95	3.7	e
12	Autolyser/DiaSys	16	93.7	6.3	0.0	95	7.1	e

Amilasi

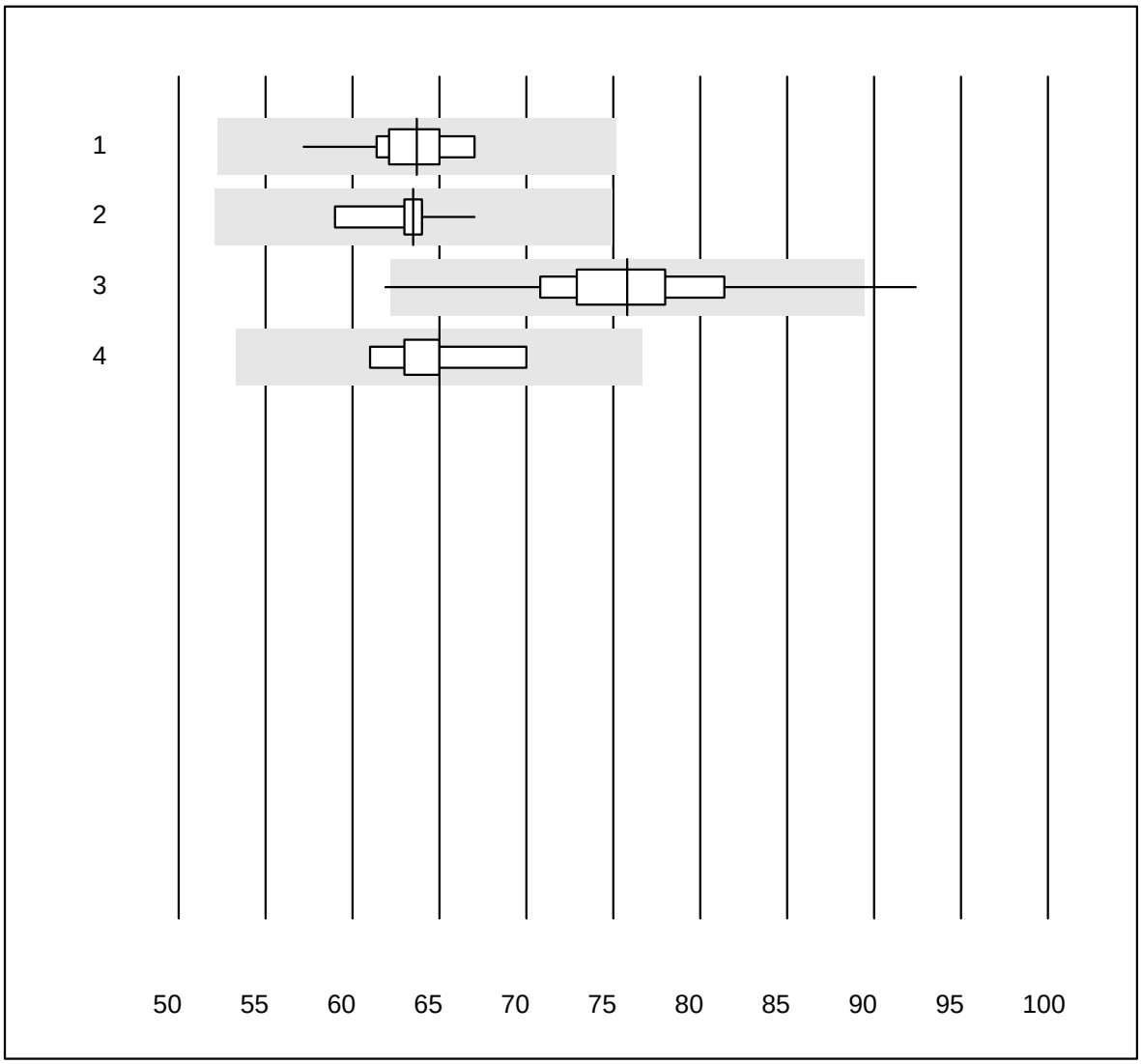


Tolleranza QUALAB : 18 %

Amilasi (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	17	100.0	0.0	0.0	90	4.7	e
2	Cobas	6	100.0	0.0	0.0	87	2.8	e
3	Reflotron	161	97.5	1.9	0.6	97	5.7	e
4	Fuji Dri-Chem	526	99.4	0.2	0.4	91	3.7	e
5	Spotchem/Ready	60	96.7	3.3	0.0	121	8.9	e
6	Spotchem D-Concept	140	99.3	0.7	0.0	95	6.6	e
7	Piccolo	34	100.0	0.0	0.0	75	2.9	e
8	Abx Mira	6	83.3	16.7	0.0	87	11.6	e*
9	Hitachi S40/M40	9	100.0	0.0	0.0	97	4.0	e
10	Autolyser/DiaSys	5	100.0	0.0	0.0	78	4.4	e

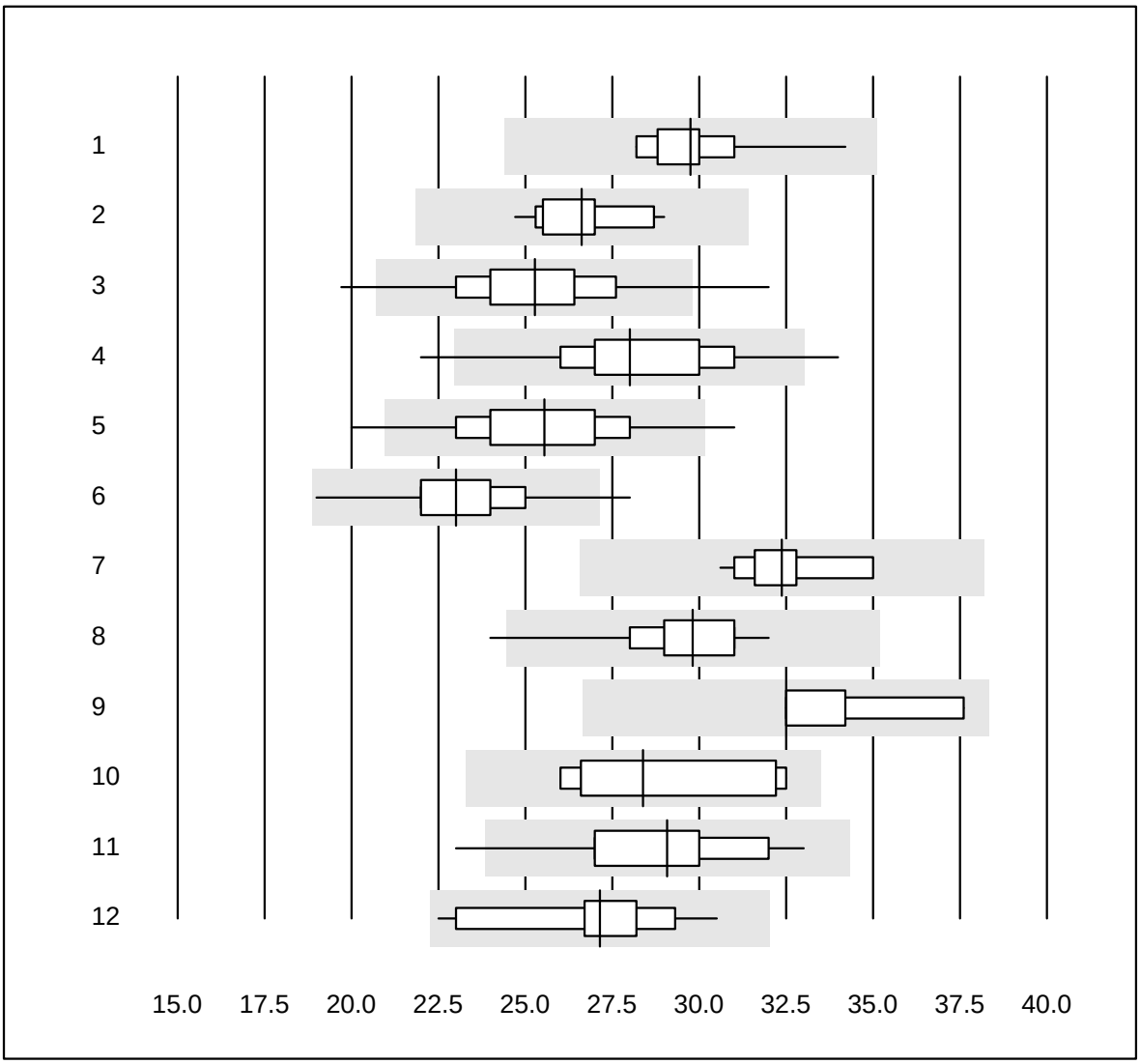
Amilasi pancreatica



Tolleranza QUALAB : 18 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	22	100.0	0.0	0.0	64	3.6	e
2	Cobas	10	100.0	0.0	0.0	63	3.1	e
3	Reflotron	409	97.1	1.2	1.7	76	5.7	e
4	Autolyser/DiaSys	9	100.0	0.0	0.0	65	4.0	e

Bilirubina totale

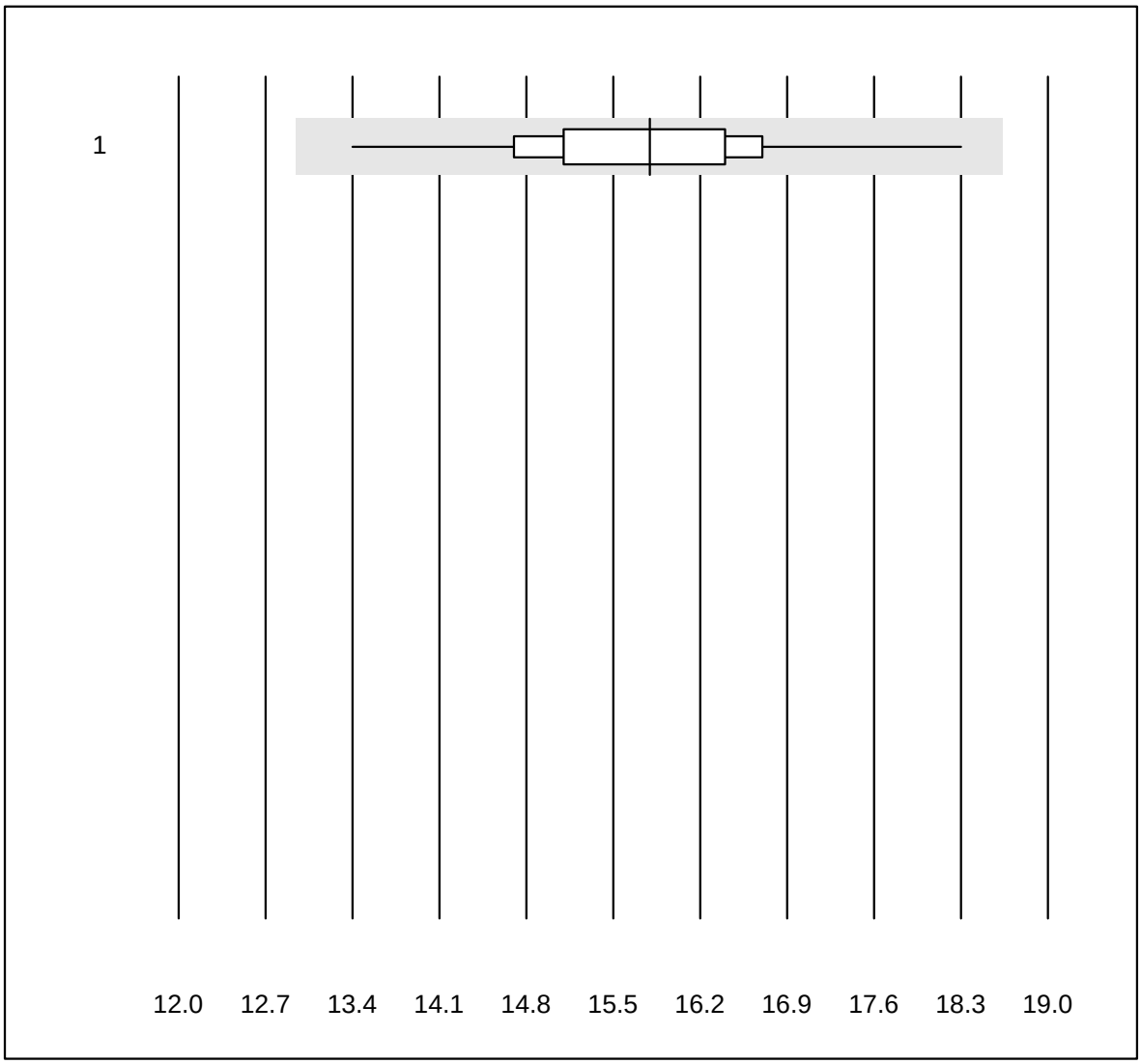


Tolleranza QUALAB : 18 %

Bilirubina totale (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	12	100.0	0.0	0.0	29.7	5.4	e
2	Cobas	16	100.0	0.0	0.0	26.6	4.6	e
3	Reflotron	445	94.9	2.2	2.9	25.3	7.2	e
4	Fuji Dri-Chem	556	98.0	1.3	0.7	28.0	6.5	e
5	Spotchem/Ready	75	97.3	2.7	0.0	25.5	8.2	e
6	Spotchem D-Concept	155	98.8	0.6	0.6	23.0	5.7	e
7	Beckman	19	100.0	0.0	0.0	32.4	3.6	e
8	Piccolo	38	97.4	2.6	0.0	29.8	5.6	e
9	Skyla	5	100.0	0.0	0.0	32.5	6.5	e*
10	Abx Mira	6	100.0	0.0	0.0	28.4	9.9	e*
11	Hitachi S40/M40	13	84.6	7.7	7.7	29.1	9.1	e*
12	Autolyser/DiaSys	14	100.0	0.0	0.0	27.2	8.1	e

Bilirubina diretto

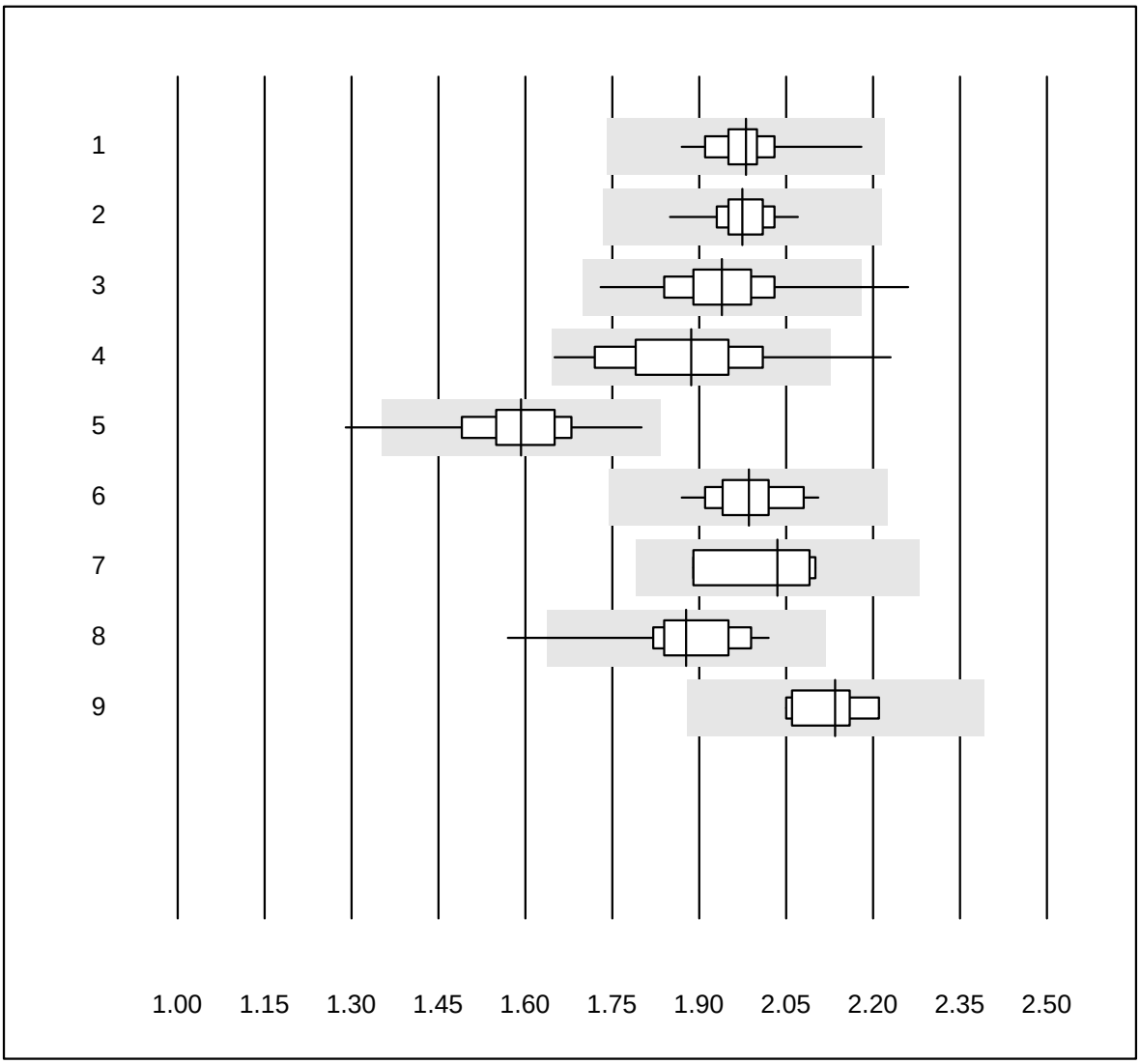


Tolleranza QUALAB : 18 %

Bilirubina diretto (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Fuji Dri-Chem	30	86.7	0.0	13.3	15.8	6.3	e

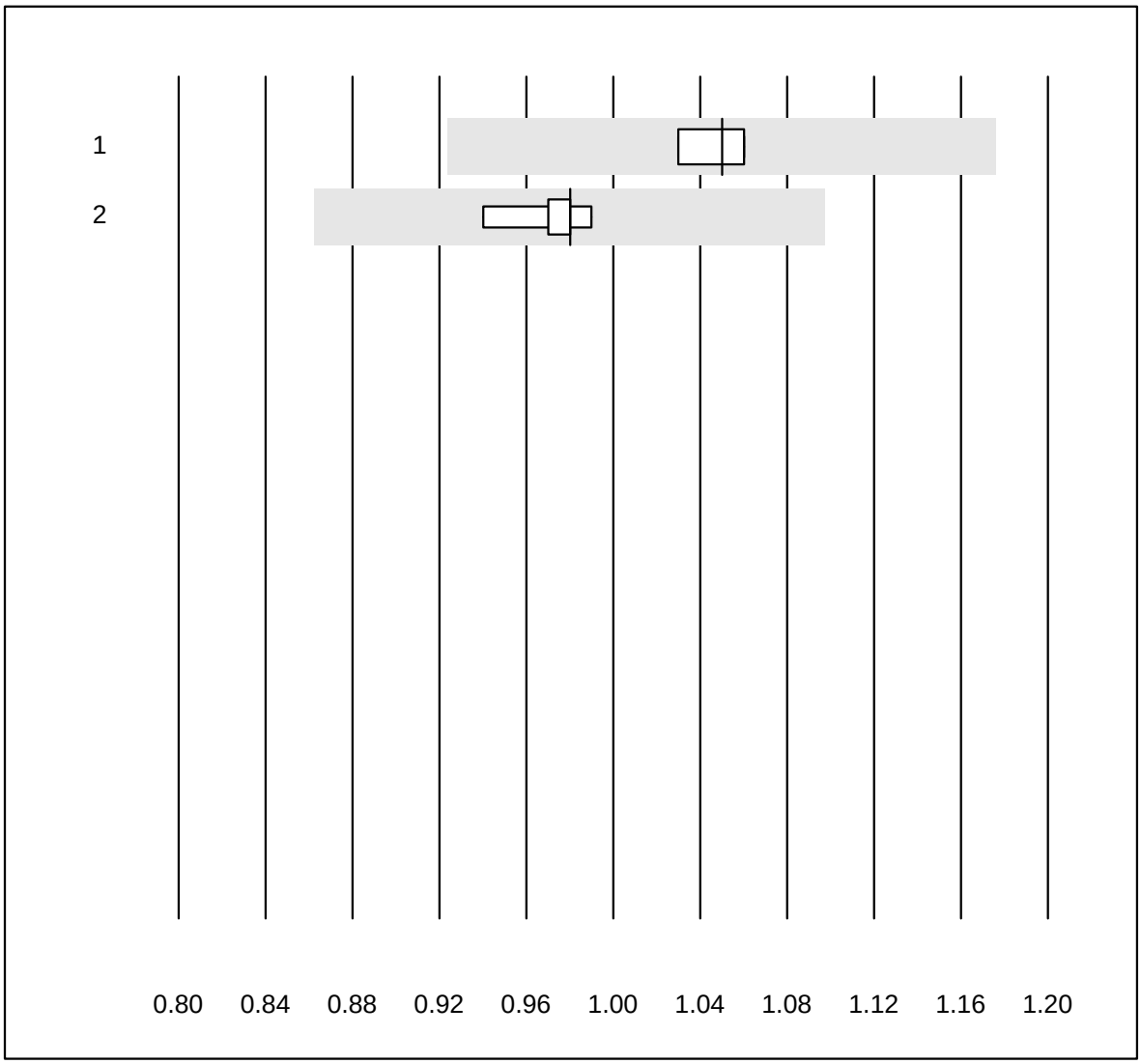
Calcio



Tolleranza QUALAB : 12 %
(< 2.00: +/- 0.24 mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	33	100.0	0.0	0.0	1.98	3.1	e
2	Cobas	14	92.9	0.0	7.1	1.97	2.8	e
3	Fuji Dri-Chem	349	97.7	0.3	2.0	1.94	4.0	e
4	Spotchem/Ready	25	92.0	4.0	4.0	1.89	7.0	e
5	Spotchem D-Concept	82	95.1	1.2	3.7	1.59	5.5	e
6	Piccolo	38	100.0	0.0	0.0	1.99	2.9	e
7	Abx Mira	4	100.0	0.0	0.0	2.04	4.9	e*
8	Hitachi S40/M40	12	91.7	8.3	0.0	1.88	6.2	e*
9	Autolyser/DiaSys	8	100.0	0.0	0.0	2.14	2.5	e

Calcium ISE

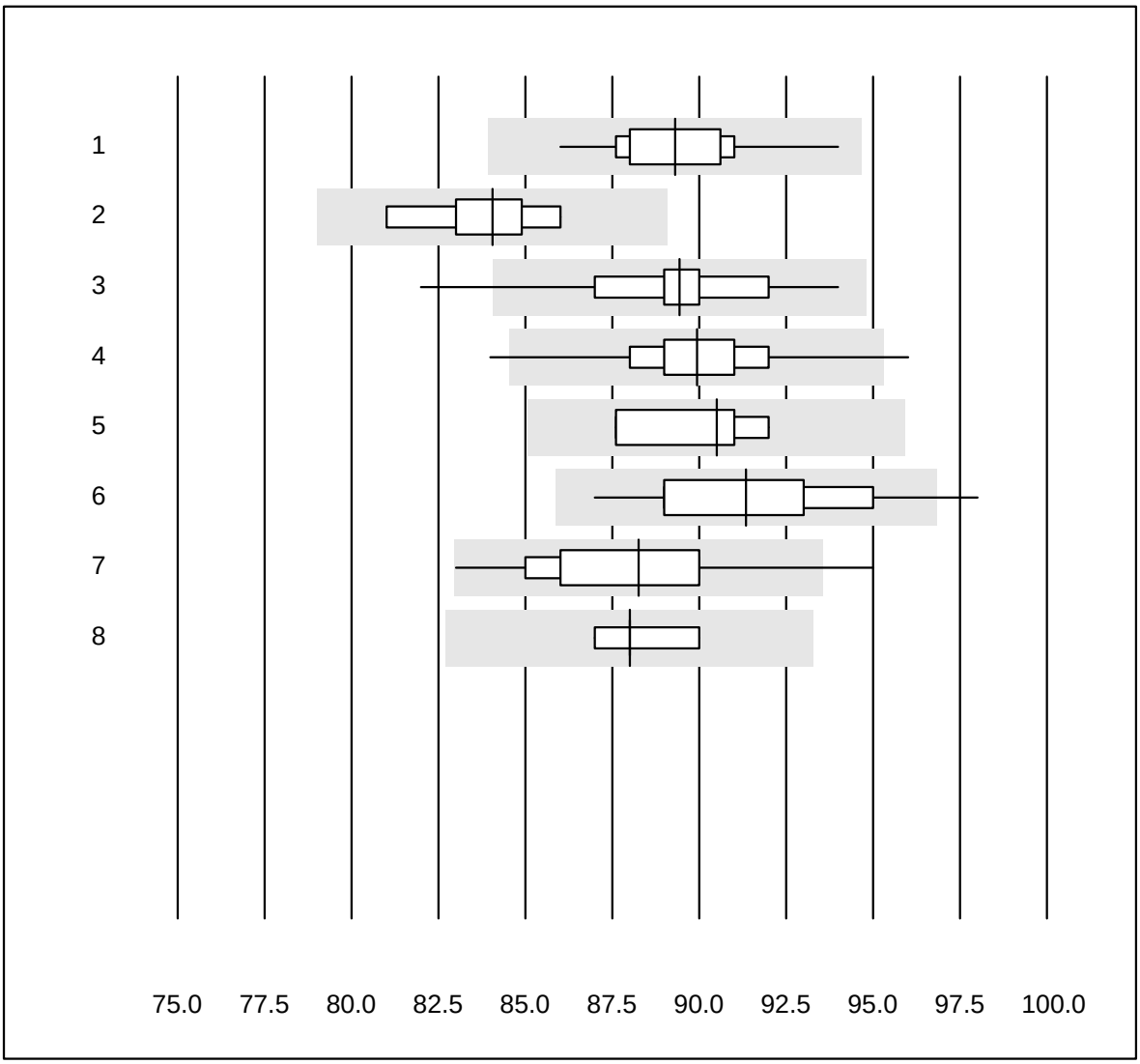


Tolleranza QUALAB : 12 %

Calcium ISE (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE diretto	4	100.0	0.0	0.0	1.05	1.4	e
2	iStat Chem8	5	100.0	0.0	0.0	0.98	2.0	e

Cloruri

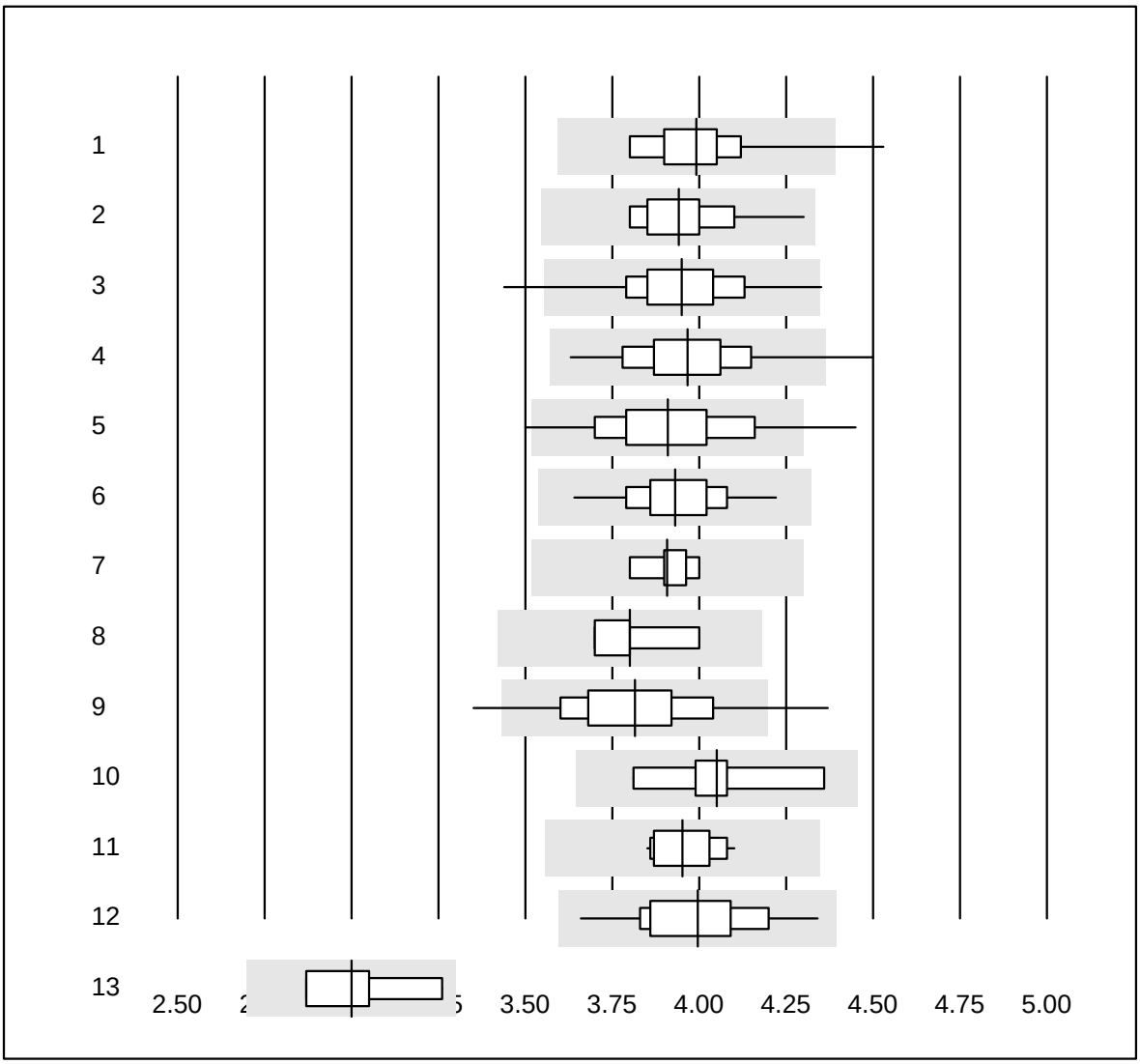


Tolleranza QUALAB : 6 %

Cloruri (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE	28	100.0	0.0	0.0	89	1.9	e
2	Cobas	8	100.0	0.0	0.0	84	1.8	e
3	Fuji Dri-Chem	669	98.1	1.3	0.6	89	2.0	e
4	Spotchem D-Concept	177	97.8	1.1	1.1	90	2.0	e
5	Chimica umida	4	100.0	0.0	0.0	91	2.1	e*
6	Spotchem EL-SE 1520	104	93.3	4.8	1.9	91	2.8	e
7	Piccolo	20	95.0	5.0	0.0	88	3.2	e
8	iStat Chem8	5	100.0	0.0	0.0	88	1.2	e

Colesterolo

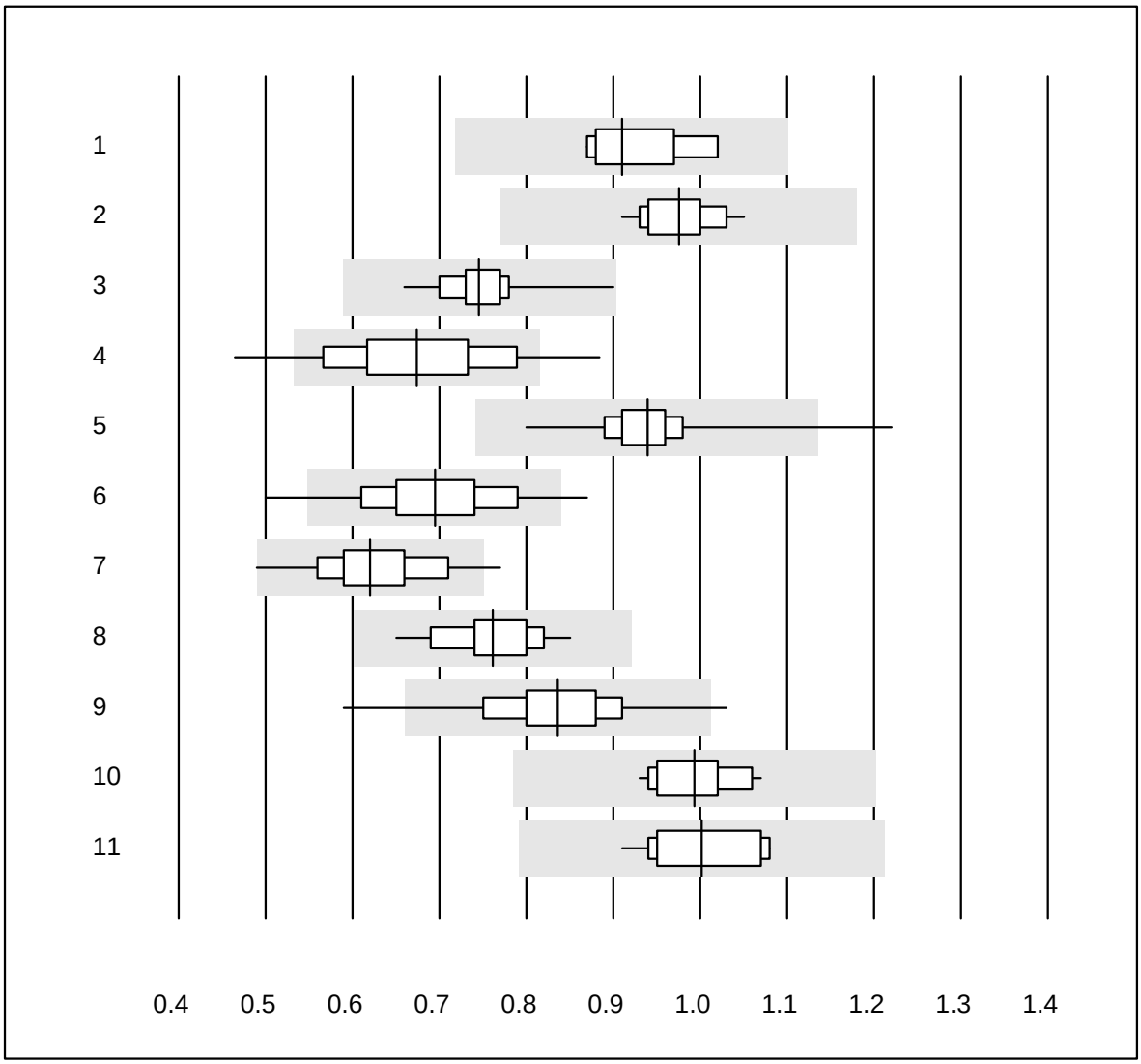


Tolleranza QUALAB : 10 %

Colesterolo (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	30	96.7	3.3	0.0	3.99	3.7	e
2	Cobas	15	100.0	0.0	0.0	3.94	3.6	e
3	Reflotron	633	98.9	0.5	0.6	3.95	3.4	e
4	Fuji Dri-Chem	730	98.5	0.8	0.7	3.97	3.7	e
5	Spotchem/Ready	115	96.5	3.5	0.0	3.91	4.6	e
6	Spotchem D-Concept	196	99.0	0.0	1.0	3.93	3.0	e
7	Piccolo	21	95.2	0.0	4.8	3.91	1.8	e
8	Skyla	4	100.0	0.0	0.0	3.80	3.3	e*
9	Cholestech LDX	168	95.8	3.6	0.6	3.82	4.7	e
10	Abx Mira	8	100.0	0.0	0.0	4.05	3.9	e*
11	Hitachi S40/M40	16	100.0	0.0	0.0	3.95	2.3	e
12	Autolyser/DiaSys	15	100.0	0.0	0.0	4.00	4.2	e
13	altro	4	100.0	0.0	0.0	3.00	5.6	e*

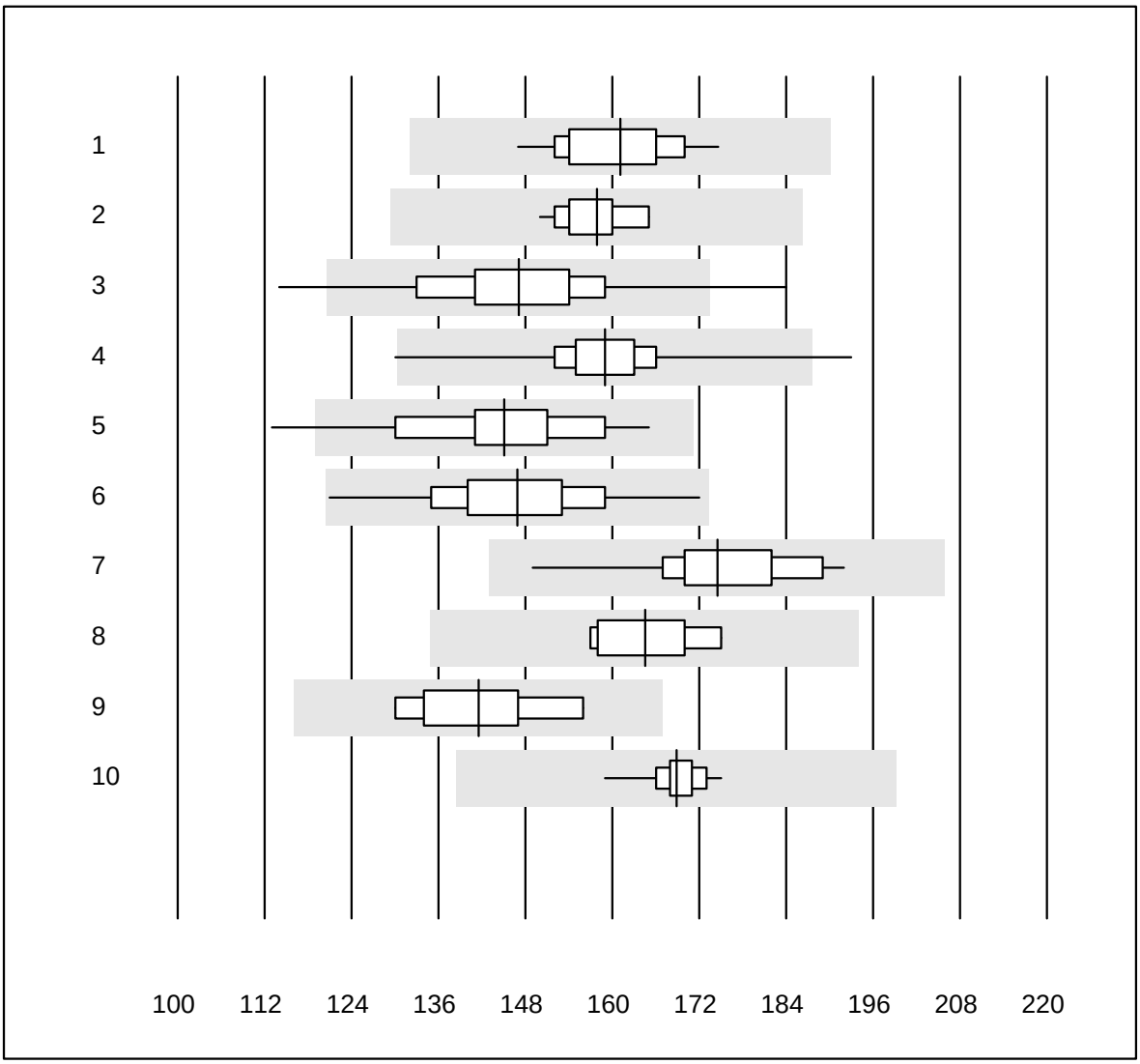
Colesterolo HDL



Tolleranza QUALAB : 21 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Pentra/Selectra	8	100.0	0.0	0.0	0.91	6.6	e
2	umida, diretto	21	100.0	0.0	0.0	0.98	4.0	e
3	Cobas	14	100.0	0.0	0.0	0.75	7.2	e
4	Reflotron	466	84.7	8.6	6.7	0.67	12.5	e
5	Fuji Dri-Chem	699	98.7	0.4	0.9	0.94	4.3	e
6	Spotchem/Ready	105	98.1	1.9	0.0	0.69	9.4	e
7	Spotchem D-Concept	194	96.4	3.1	0.5	0.62	9.3	e
8	Piccolo	20	95.0	0.0	5.0	0.76	6.4	e
9	Cholestech LDX	167	94.0	3.6	2.4	0.84	8.9	e
10	Hitachi S40/M40	15	100.0	0.0	0.0	0.99	4.4	e
11	Autolyser/DiaSys	15	100.0	0.0	0.0	1.00	5.6	e

Creatina chinasi

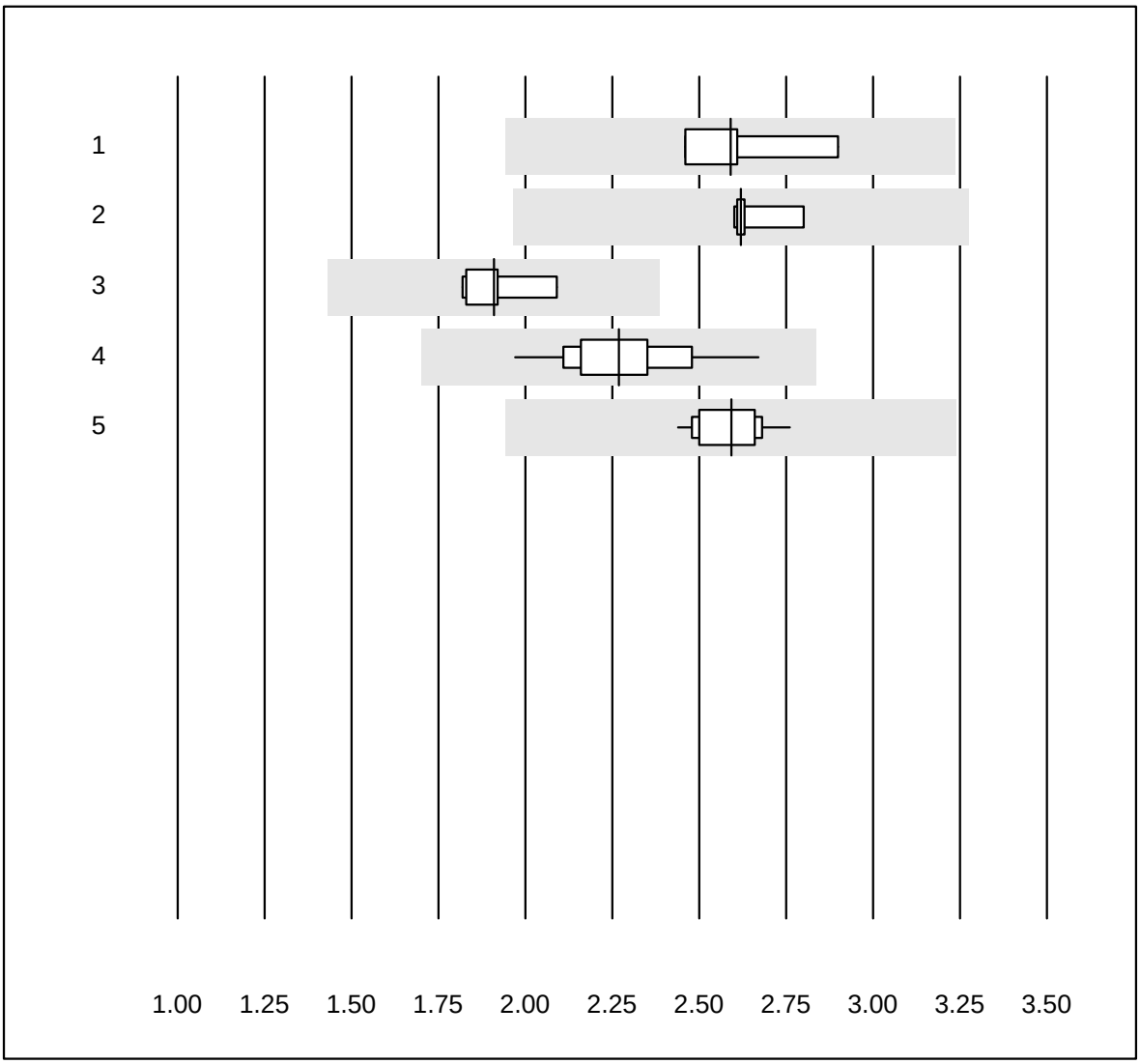


Tolleranza QUALAB : 18 %

Creatina chinasi (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	31	100.0	0.0	0.0	161	4.3	e
2	Cobas	14	100.0	0.0	0.0	158	2.8	e
3	Reflotron	383	92.7	4.4	2.9	147	7.9	e
4	Fuji Dri-Chem	459	98.9	0.4	0.7	159	4.0	e
5	Spotchem/Ready	48	91.6	2.1	6.3	145	7.5	e
6	Spotchem D-Concept	127	100.0	0.0	0.0	147	6.7	e
7	Piccolo	17	100.0	0.0	0.0	174	5.8	e
8	Abx Mira	6	100.0	0.0	0.0	165	4.2	e
9	Hitachi S40/M40	9	100.0	0.0	0.0	142	6.4	e
10	Autolyser/DiaSys	13	100.0	0.0	0.0	169	2.3	e

LDL Cholesterin

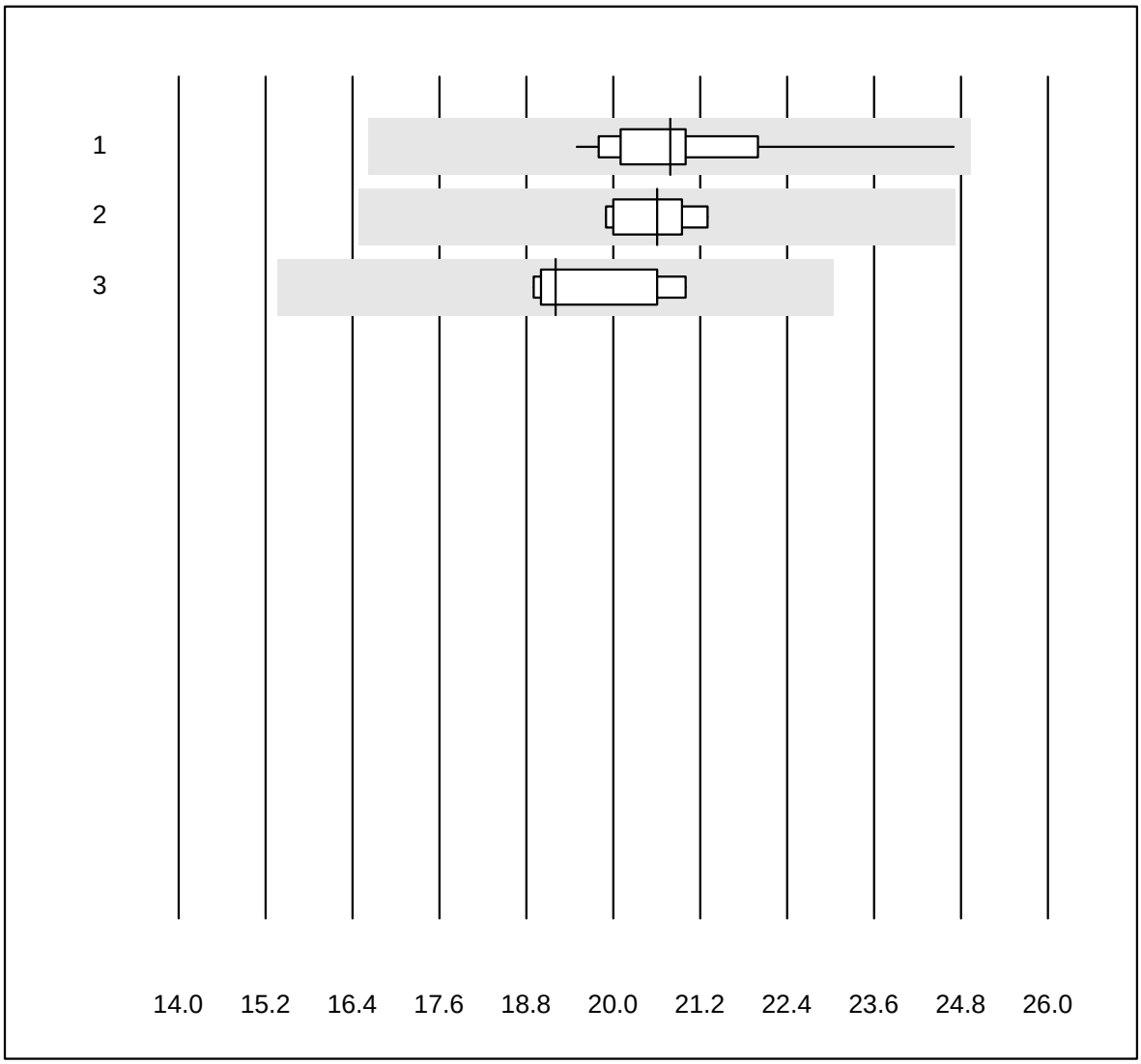


Tolleranza QUALAB : 25 %

LDL Cholesterin (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	4	100.0	0.0	0.0	2.6	7.1	e*
2	Roche, Cobas	5	100.0	0.0	0.0	2.6	3.1	e
3	Hitachi S40/M40	8	100.0	0.0	0.0	1.9	4.9	e
4	Autolyser/DiaSys	14	100.0	0.0	0.0	2.3	7.7	e
5	Beckman	11	100.0	0.0	0.0	2.6	3.6	e

Ferro

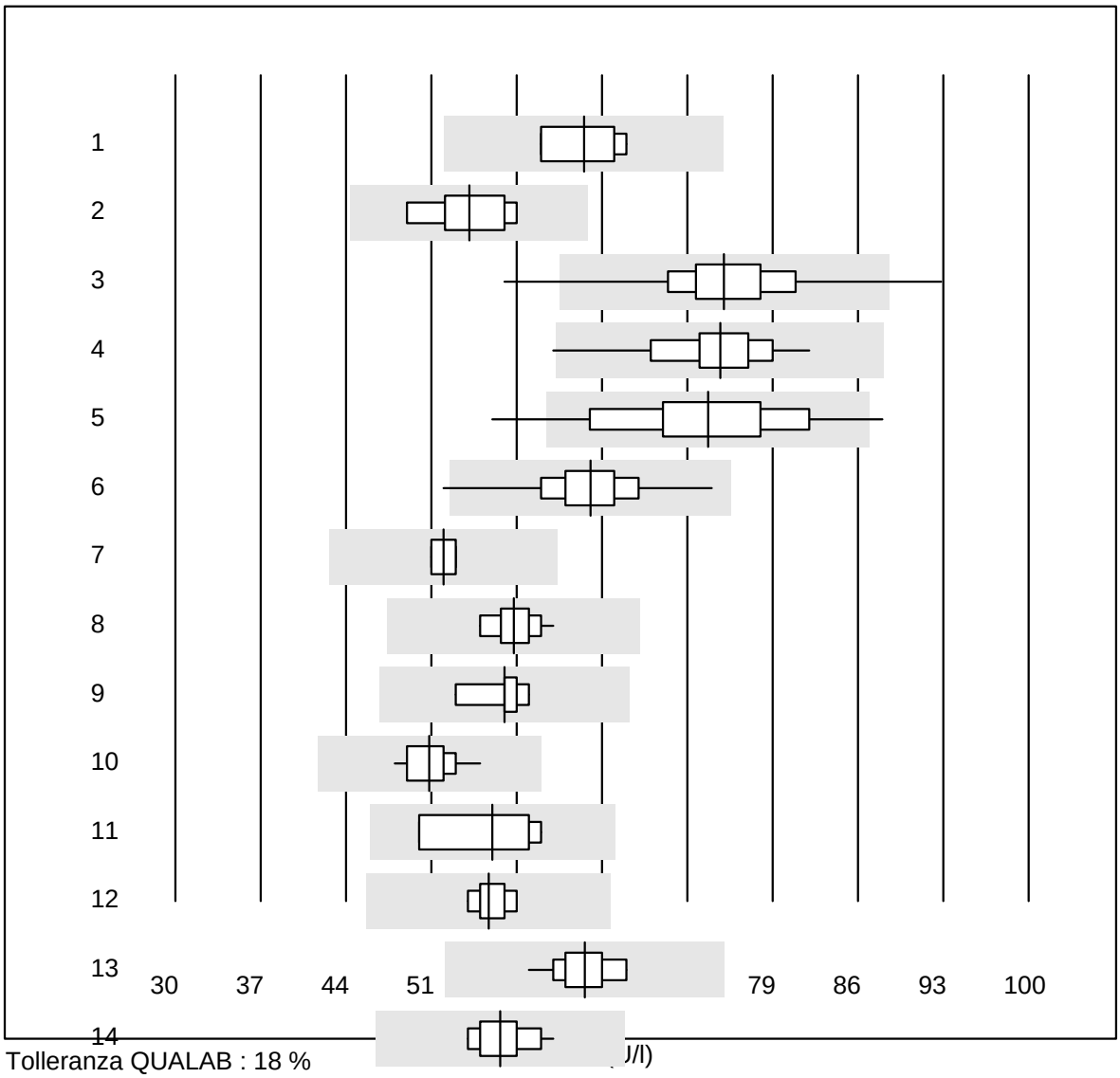


Tolleranza QUALAB : 20 %

Ferro (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	17	100.0	0.0	0.0	21	5.7	e
2	Cobas	9	100.0	0.0	0.0	21	2.5	e
3	Abx Mira	5	100.0	0.0	0.0	19	5.0	e

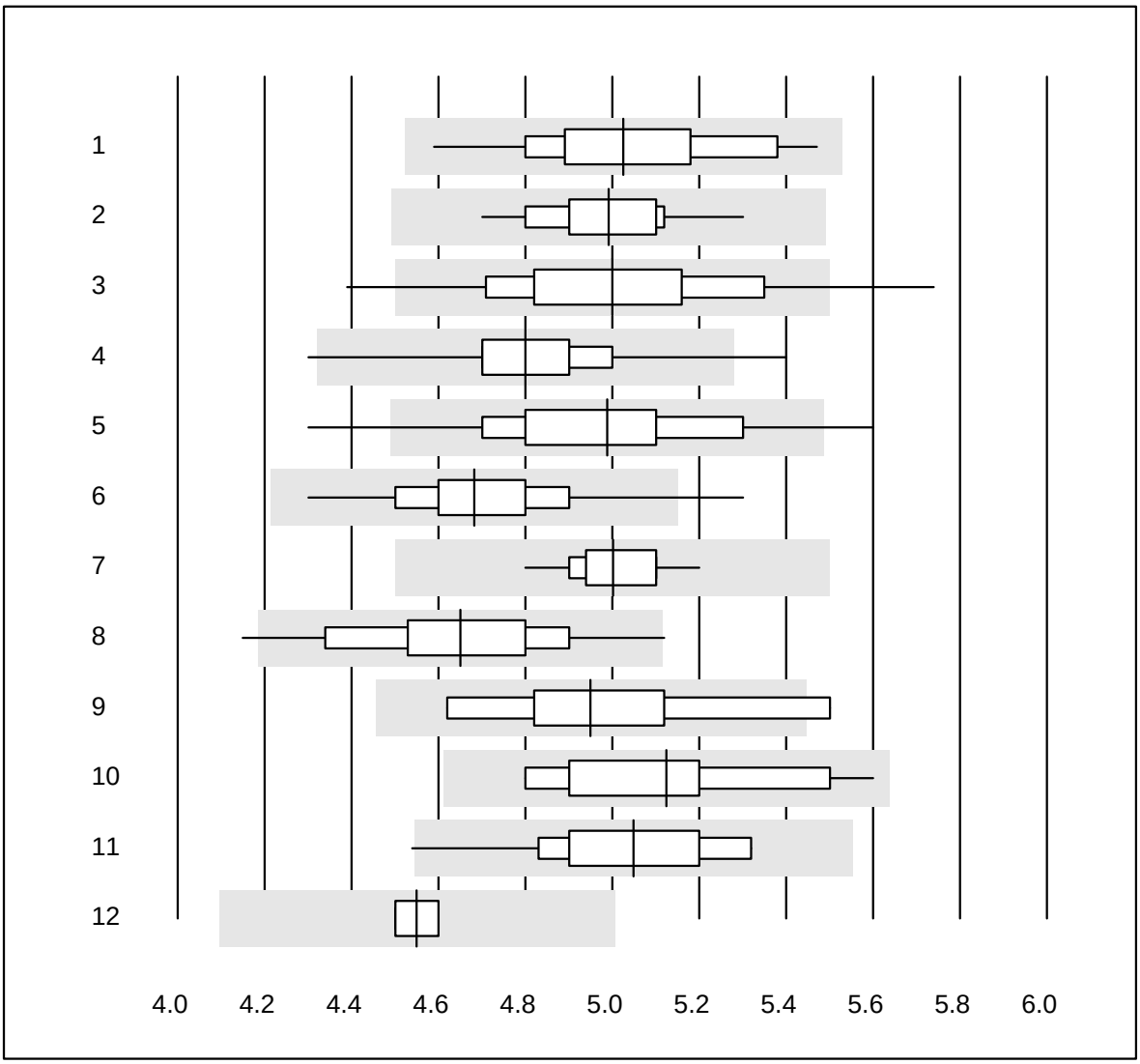
Gamma-GT



Tolleranza QUALAB : 18 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	4	100.0	0.0	0.0	64	5.5	e*
2	Cobas	17	100.0	0.0	0.0	54	5.9	e
3	Reflotron	786	97.1	1.5	1.4	75	5.9	e
4	Fuji Dri-Chem	798	99.8	0.1	0.1	75	4.8	e
5	Spotchem/Ready	120	97.5	2.5	0.0	74	8.6	e
6	Spotchem D-Concept	214	99.0	0.5	0.5	64	5.4	e
7	Architect	4	100.0	0.0	0.0	52	2.2	e
8	Dimension	13	100.0	0.0	0.0	58	3.1	e
9	IFCC Beckmann	9	100.0	0.0	0.0	57	3.5	e
10	Piccolo	34	91.2	0.0	8.8	51	3.3	e
11	Skyla	5	100.0	0.0	0.0	56	8.7	e*
12	Abx Mira	8	100.0	0.0	0.0	56	2.6	e
13	Hitachi S40/M40	17	100.0	0.0	0.0	64	3.5	e
14	Autolyser/DiaSys	16	100.0	0.0	0.0	57	3.5	e

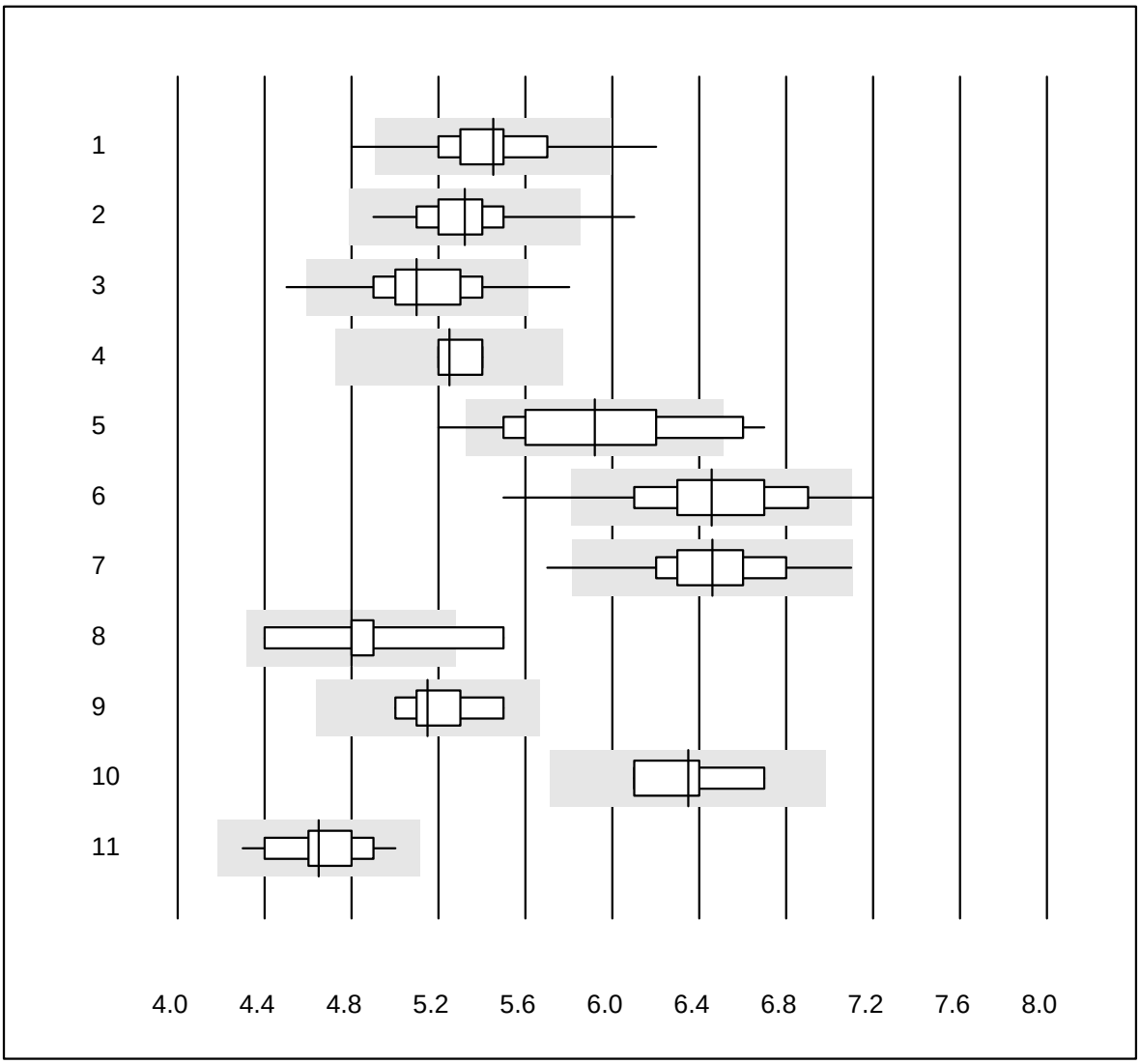
Glucosio



Tolleranza QUALAB : 10 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	39	100.0	0.0	0.0	5.0	4.3	e
2	Cobas	15	100.0	0.0	0.0	5.0	2.8	e
3	Reflotron	791	94.9	4.6	0.5	5.0	4.9	e
4	Fuji Dri-Chem	753	99.5	0.4	0.1	4.8	2.7	e
5	Spotchem/Ready	106	91.6	7.5	0.9	5.0	5.2	e
6	Spotchem D-Concept	201	98.5	1.5	0.0	4.7	3.9	e
7	Piccolo	45	100.0	0.0	0.0	5.0	1.8	e
8	Cholestech LDX	136	96.3	2.2	1.5	4.6	4.5	e
9	Abx Mira	8	87.5	12.5	0.0	5.0	5.3	e*
10	Hitachi S40/M40	19	94.7	0.0	5.3	5.1	4.6	e
11	Autolyser/DiaSys	16	87.4	6.3	6.3	5.0	4.1	e
12	iStat Chem8	6	100.0	0.0	0.0	4.6	1.2	e

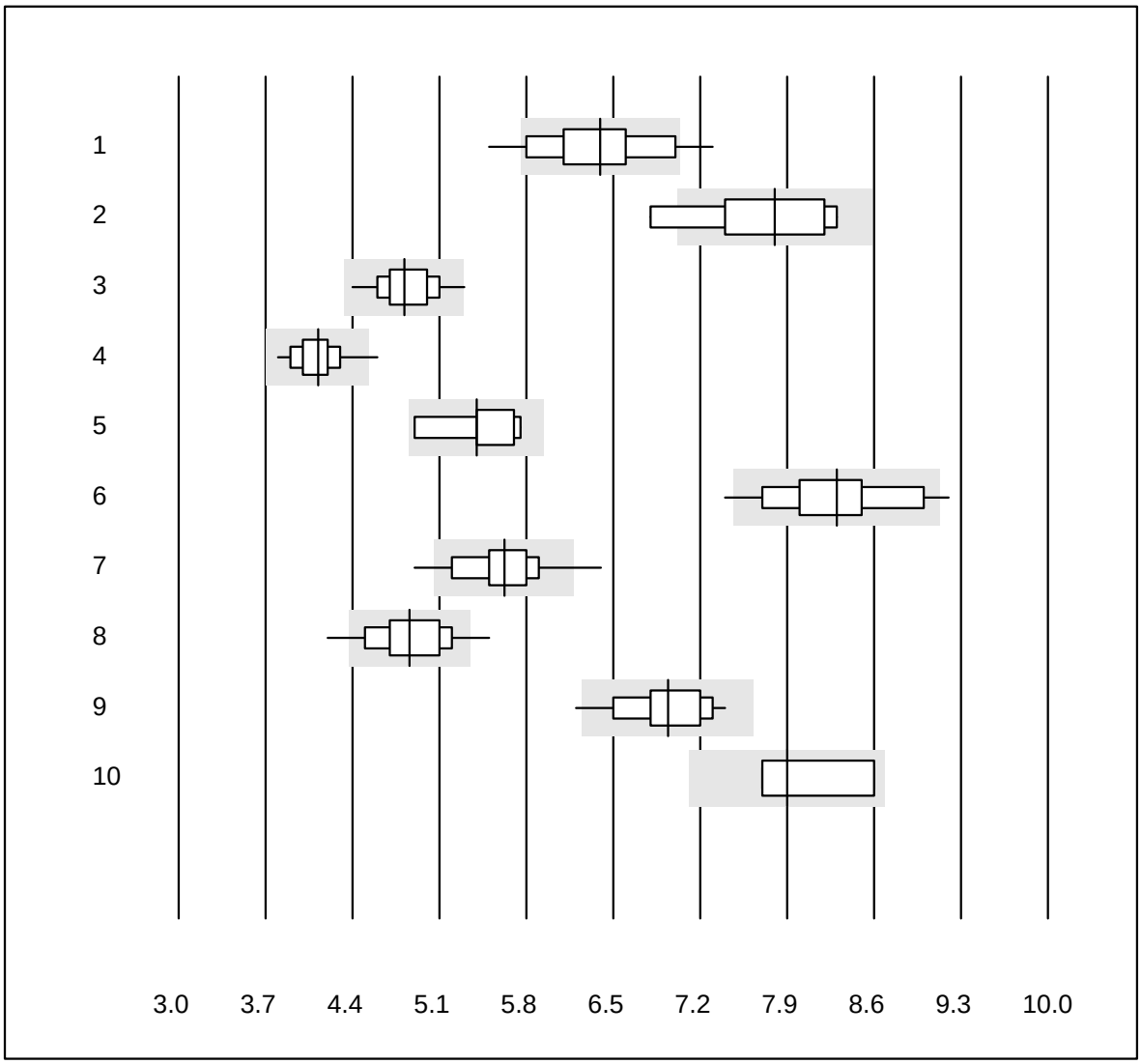
Glucosio



Tolleranza QUALAB : 10 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Accu-Chek Aviva	375	96.8	1.1	2.1	5.5	3.3	e
2	Accu-Chek Inform 2	374	97.1	2.9	0.0	5.3	3.4	e
3	Contour XT	1099	98.0	0.5	1.5	5.1	3.7	e
4	Skyla	5	100.0	0.0	0.0	5.3	1.9	e
5	Glucocard	15	80.0	20.0	0.0	5.9	7.1	e*
6	Hemocue 201+ P-equiv	91	90.1	5.5	4.4	6.5	4.9	e
7	Hemocue 201RT P-equi	63	96.8	1.6	1.6	6.5	3.8	e
8	FreeStyle Precision	7	71.4	14.3	14.3	4.8	7.3	e*
9	Freestyle Freedom li	8	100.0	0.0	0.0	5.2	3.3	e
10	Sanofi BG Star	4	100.0	0.0	0.0	6.4	3.9	e*
11	Accu-Check Guide	73	100.0	0.0	0.0	4.6	3.8	e

Glucosio

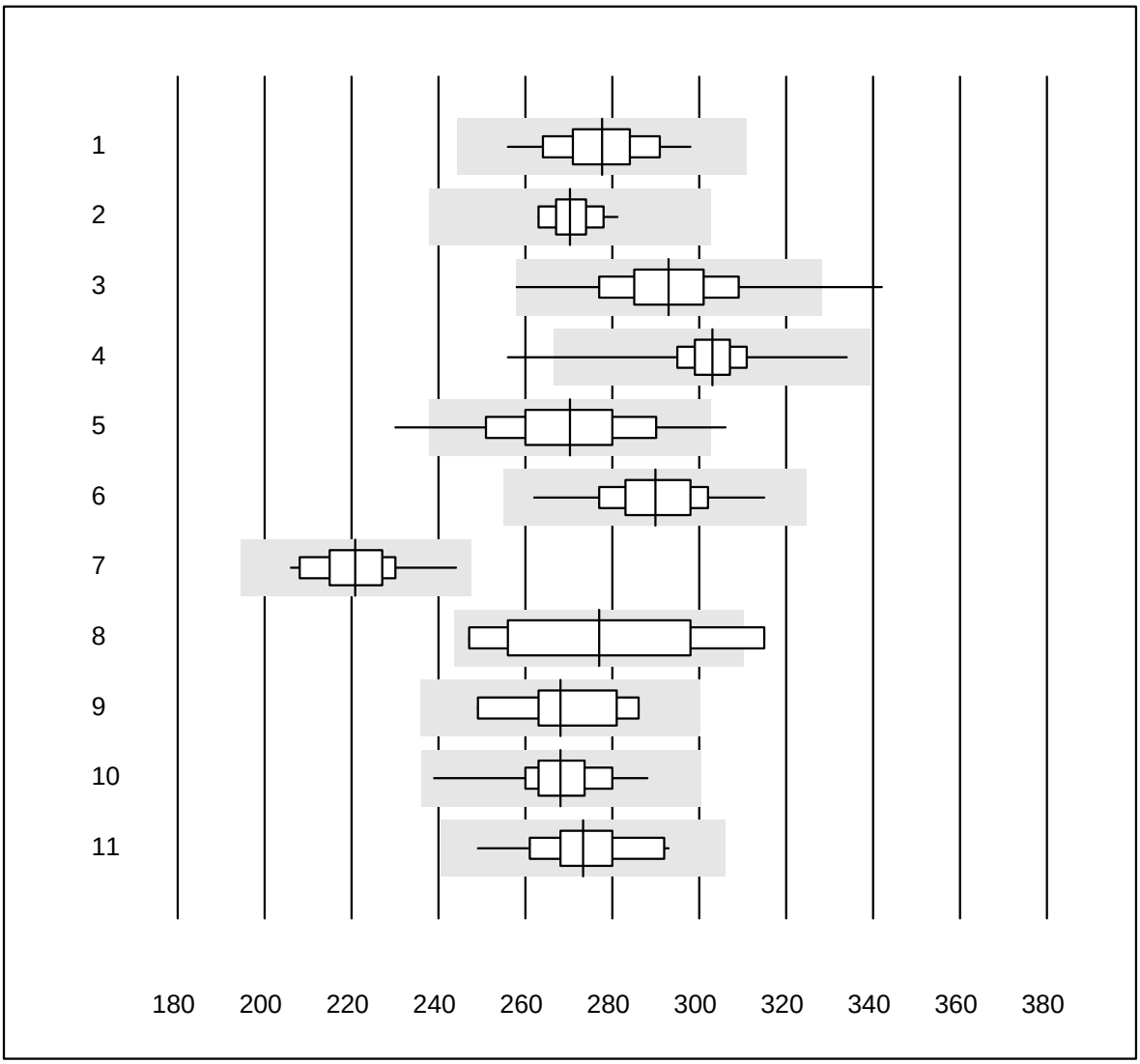


Tolleranza QUALAB : 10 %

Glucosio (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Hemocue 201+ (alt)	47	83.0	14.9	2.1	6.4	6.5	e
2	OneTouch Ultra	5	80.0	20.0	0.0	7.8	8.0	e*
3	OneTouch Verio	27	92.6	3.7	3.7	4.8	4.5	e
4	Contour 2 (5s)	43	90.7	2.3	7.0	4.1	4.2	e
5	Contour (15s)	7	85.7	0.0	14.3	5.4	5.6	e*
6	Healthpro	26	88.5	7.7	3.8	8.3	5.7	e
7	Mylife UNIO	235	93.6	3.8	2.6	5.6	4.6	e
8	mylife Pura	63	90.5	9.5	0.0	4.9	6.0	e
9	Omnitest	17	70.6	5.9	23.5	6.9	4.9	e
10	Alpha Check	4	75.0	0.0	25.0	7.9	5.5	e*

Acido urico

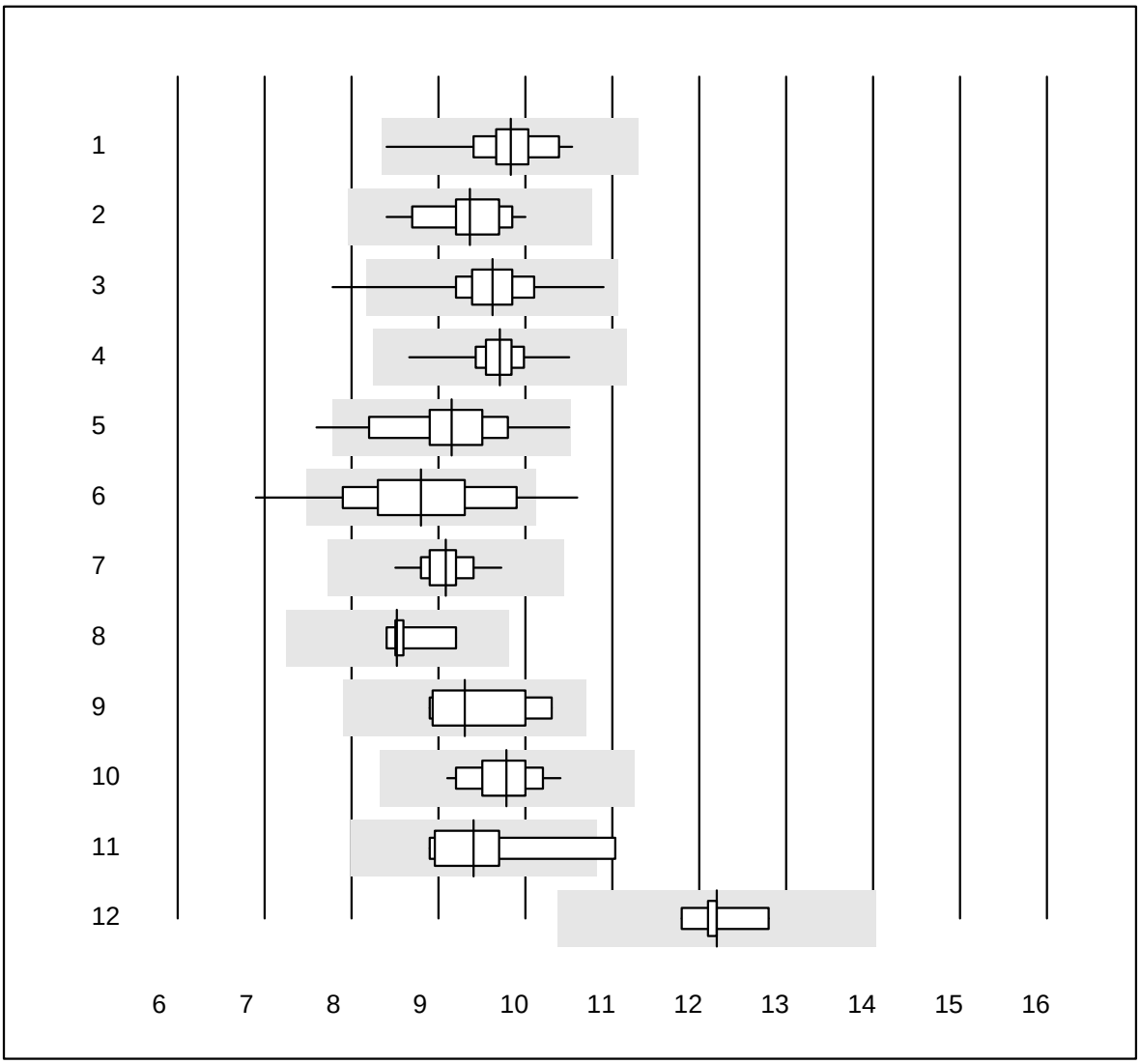


Tolleranza QUALAB : 12 %

Acido urico (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	33	100.0	0.0	0.0	278	3.6	e
2	Cobas	13	100.0	0.0	0.0	270	2.1	e
3	Reflotron	695	97.7	1.3	1.0	293	4.4	e
4	Fuji Dri-Chem	755	99.5	0.1	0.4	303	2.3	e
5	Spotchem/Ready	99	96.0	3.0	1.0	270	5.5	e
6	Spotchem D-Concept	200	100.0	0.0	0.0	290	3.4	e
7	Piccolo	27	96.3	0.0	3.7	221	4.0	e
8	Skyla	6	83.3	16.7	0.0	277	10.3	e*
9	Abx Mira	7	100.0	0.0	0.0	268	4.8	e*
10	Hitachi S40/M40	16	100.0	0.0	0.0	268	4.1	e
11	Autolyser/DiaSys	14	92.9	0.0	7.1	273	4.6	e

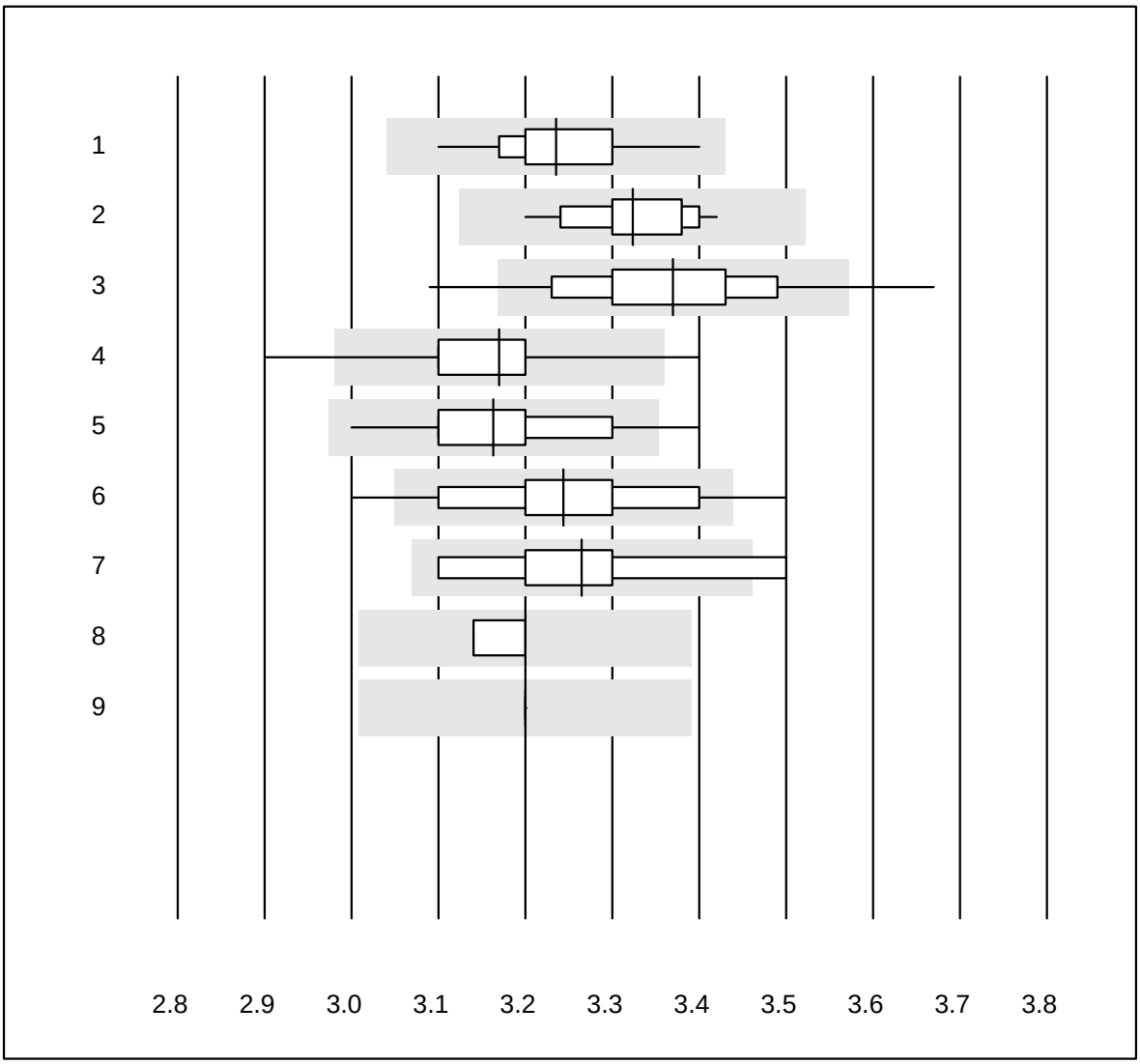
Urea



Tolleranza QUALAB : 15 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	29	100.0	0.0	0.0	9.8	4.3	e
2	Cobas	15	100.0	0.0	0.0	9.4	4.7	e
3	Reflotron	309	98.1	0.3	1.6	9.6	4.0	e
4	Fuji Dri-Chem	453	99.6	0.0	0.4	9.7	2.3	e
5	Spotchem/Ready	61	96.7	3.3	0.0	9.2	7.2	e
6	Spotchem D-Concept	127	89.7	8.7	1.6	8.8	8.5	e
7	Piccolo	42	97.6	0.0	2.4	9.1	2.9	e
8	Skyla	6	100.0	0.0	0.0	8.5	3.4	e
9	Abx Mira	7	100.0	0.0	0.0	9.3	5.7	e*
10	Hitachi S40/M40	13	100.0	0.0	0.0	9.8	4.0	e
11	Autolyser/DiaSys	8	87.5	12.5	0.0	9.4	7.5	e*
12	iStat Chem8	7	85.7	0.0	14.3	12.2	2.7	e

Potassio

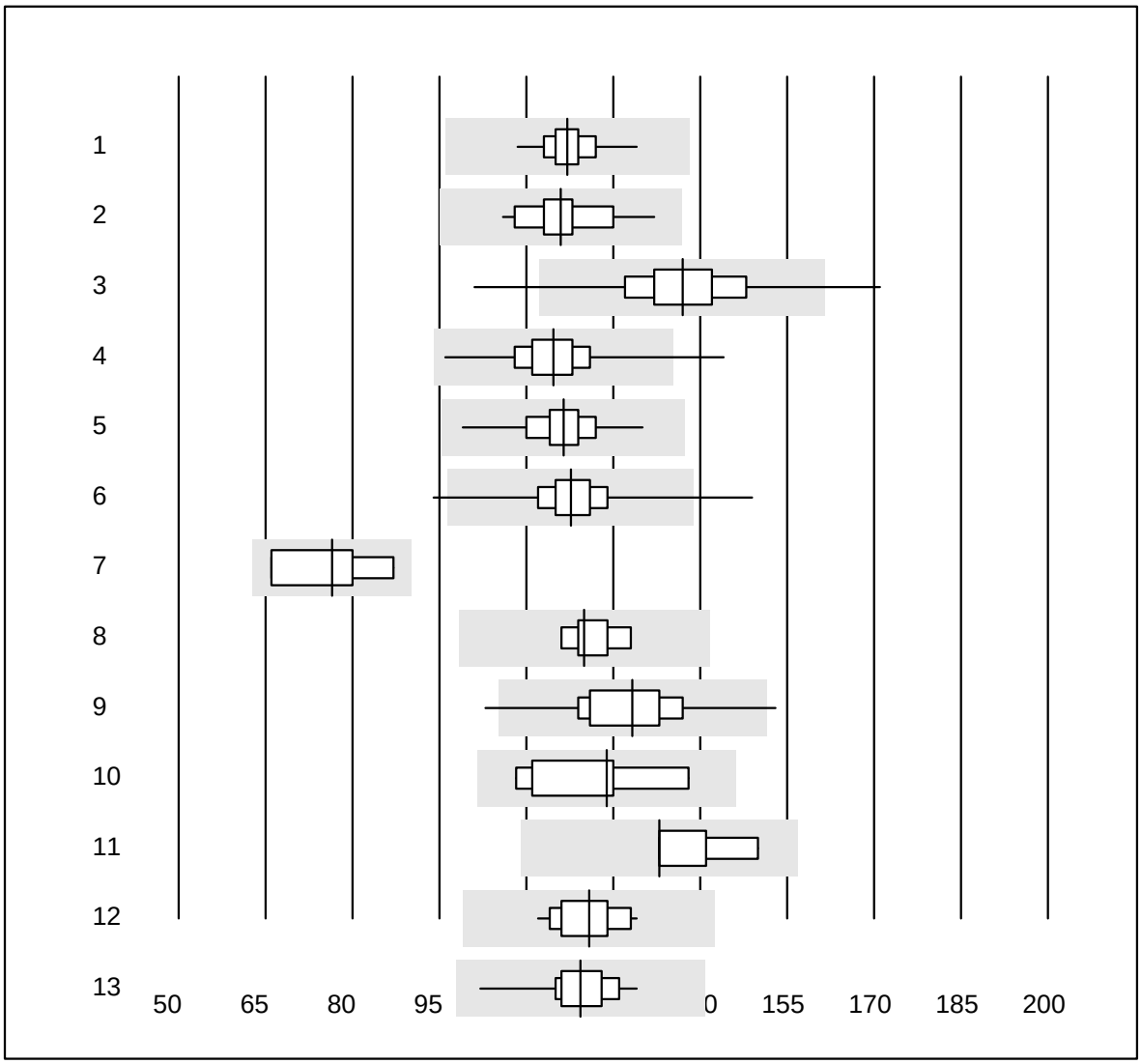


Tolleranza QUALAB : 6 %

Potassio (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE	47	100.0	0.0	0.0	3.24	2.1	e
2	Cobas	17	100.0	0.0	0.0	3.32	1.8	e
3	Reflotron	711	92.3	5.6	2.1	3.37	3.0	e
4	Fuji Dri-Chem	794	98.8	0.6	0.6	3.17	1.9	e
5	Spotchem D-Concept	201	98.5	1.0	0.5	3.16	2.7	e
6	Spotchem EL-SE 1520	108	94.5	4.6	0.9	3.24	2.9	e
7	Piccolo	30	83.3	10.0	6.7	3.26	3.7	e
8	Abx Mira	4	75.0	0.0	25.0	3.20	1.1	e
9	iStat Chem8	8	100.0	0.0	0.0	3.20	0.0	e

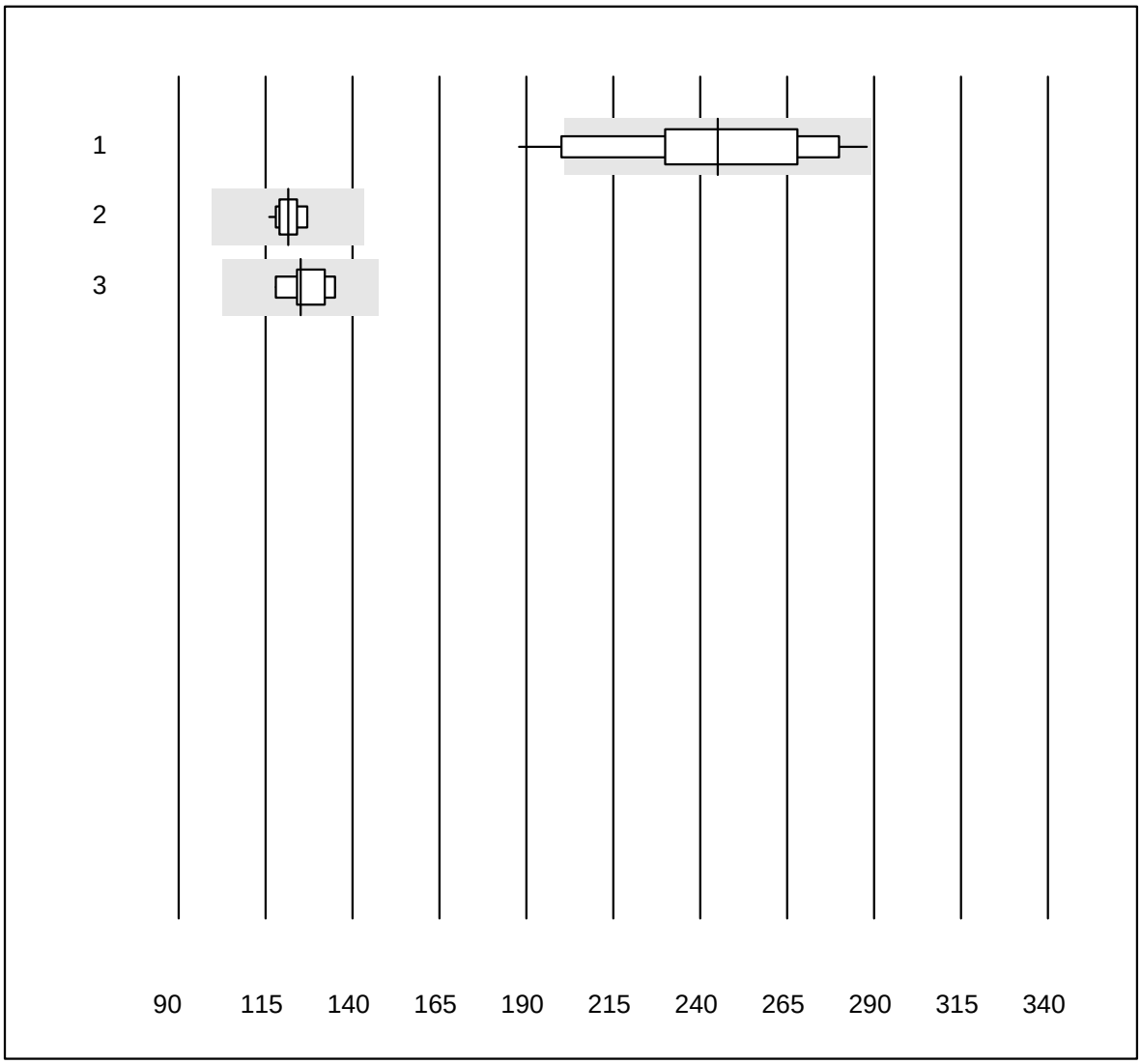
Creatinina



Tolleranza QUALAB : 18 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	26	96.2	0.0	3.8	117	3.6	e
2	Cobas	17	100.0	0.0	0.0	116	5.4	e
3	Reflotron	905	97.3	2.0	0.7	137	6.5	e
4	Fuji Dri-Chem	821	97.7	0.7	1.6	115	5.1	e
5	Spotchem/Ready	127	100.0	0.0	0.0	116	4.4	e
6	Spotchem D-Concept	207	98.0	1.0	1.0	118	5.0	e
7	Spotchem test	4	100.0	0.0	0.0	77	11.8	e*
8	Enzymatisch	9	100.0	0.0	0.0	120	3.1	e
9	Piccolo	44	93.2	4.5	2.3	128	6.8	e
10	Abx Mira	8	100.0	0.0	0.0	124	8.6	e*
11	Skyla	7	100.0	0.0	0.0	133	4.7	e
12	Hitachi S40/M40	18	100.0	0.0	0.0	121	4.1	e
13	Autolyser/DiaSys	16	100.0	0.0	0.0	119	5.1	e

Creatinina E

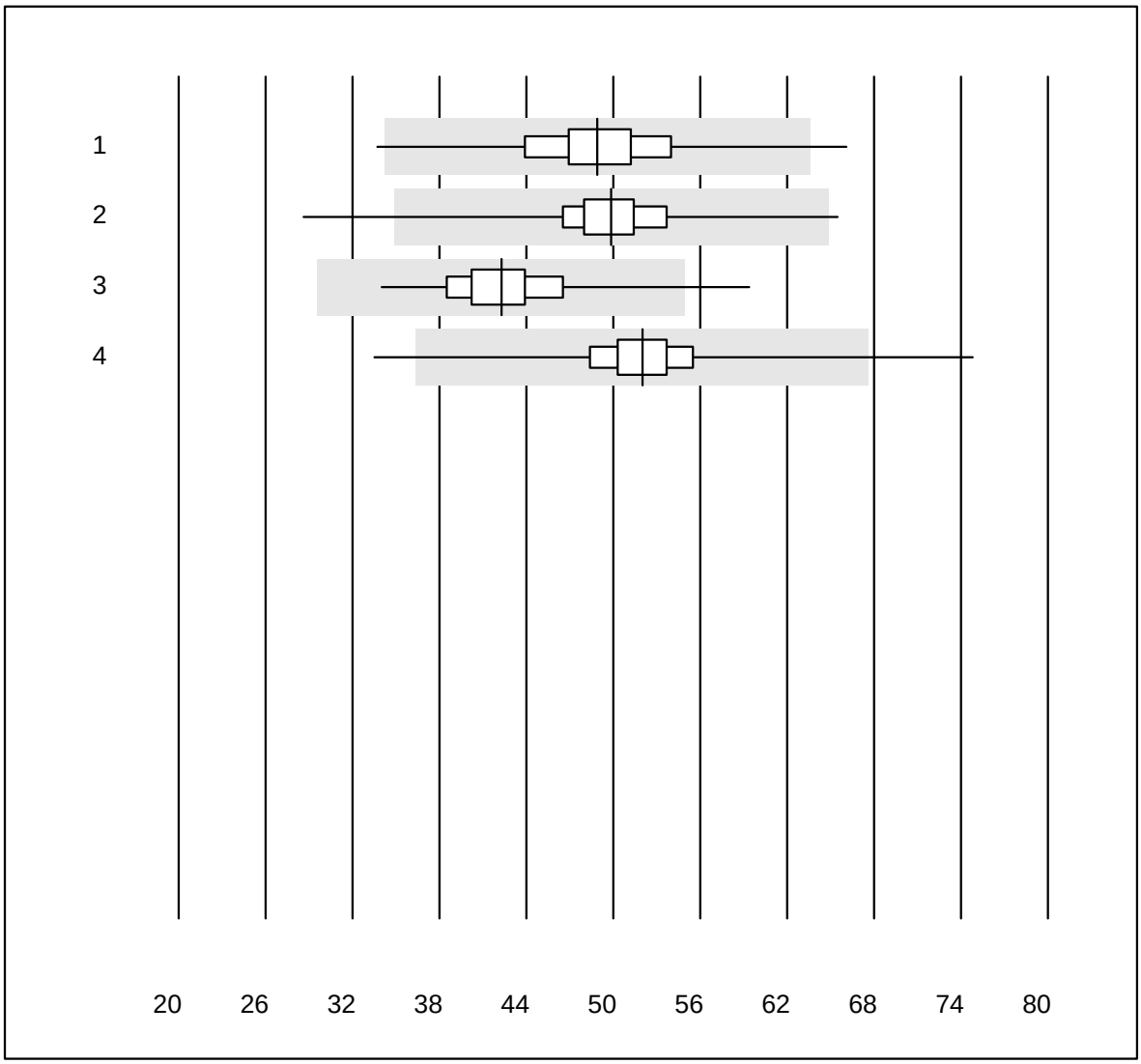


Tolleranza QUALAB : 18 %

Creatinina E (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Statsensor i / Nova	43	83.7	11.6	4.7	245	12.2	e
2	iStat Chem8	13	100.0	0.0	0.0	121	2.8	e
3	ABL700/800	9	100.0	0.0	0.0	125	5.1	e

eGFR CKD-EPI

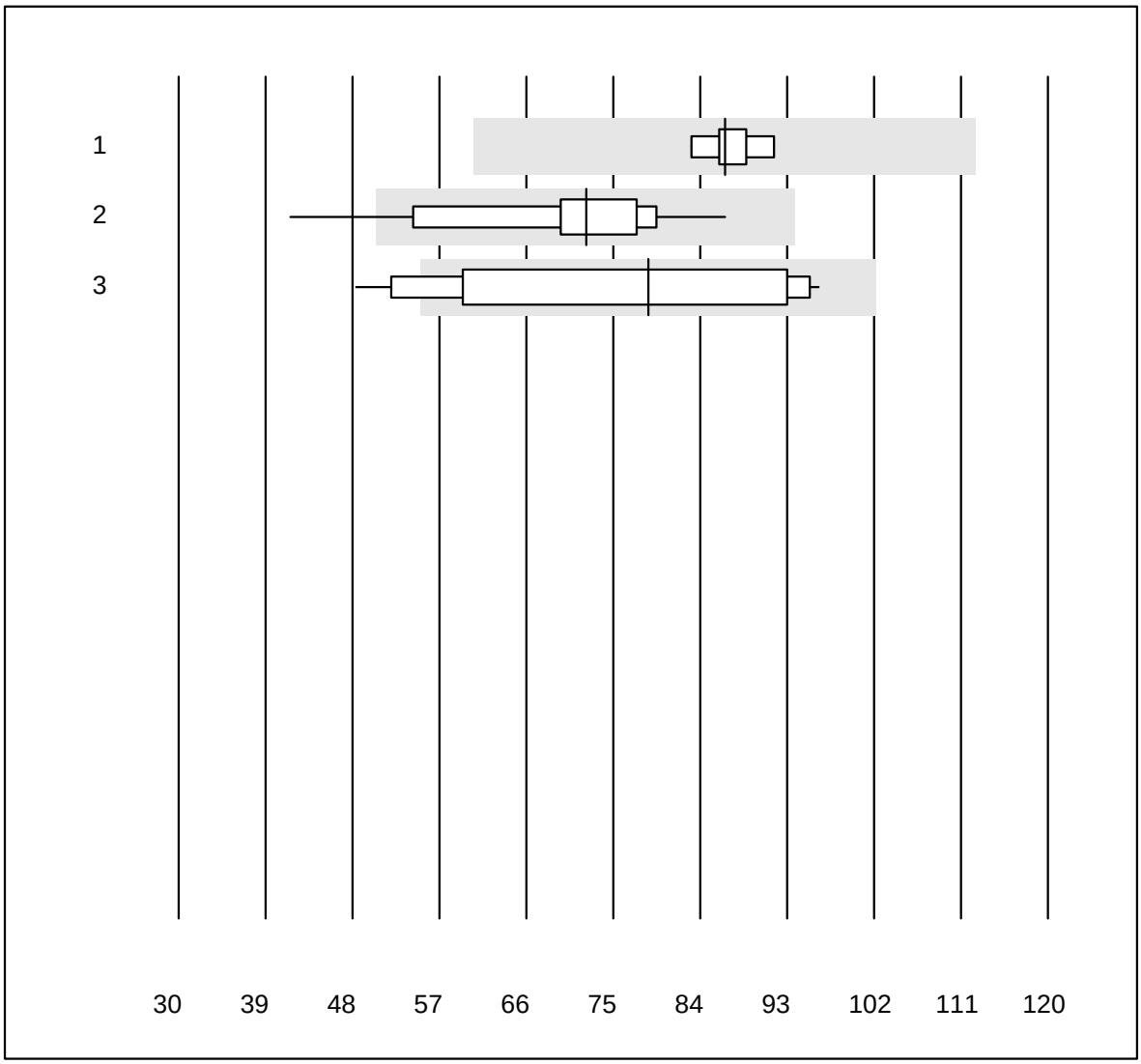


Tolleranza QUALAB : 30 %

eGFR CKD-EPI ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	63	92.0	3.2	4.8	49	9.7	e
2	Spotchem/Ready	117	94.0	1.7	4.3	50	8.2	e
3	Reflotron	317	96.6	0.9	2.5	42	8.3	e
4	Fuji Dri-Chem	330	93.6	1.2	5.2	52	7.6	e

eGFR Cockcroft-Gault

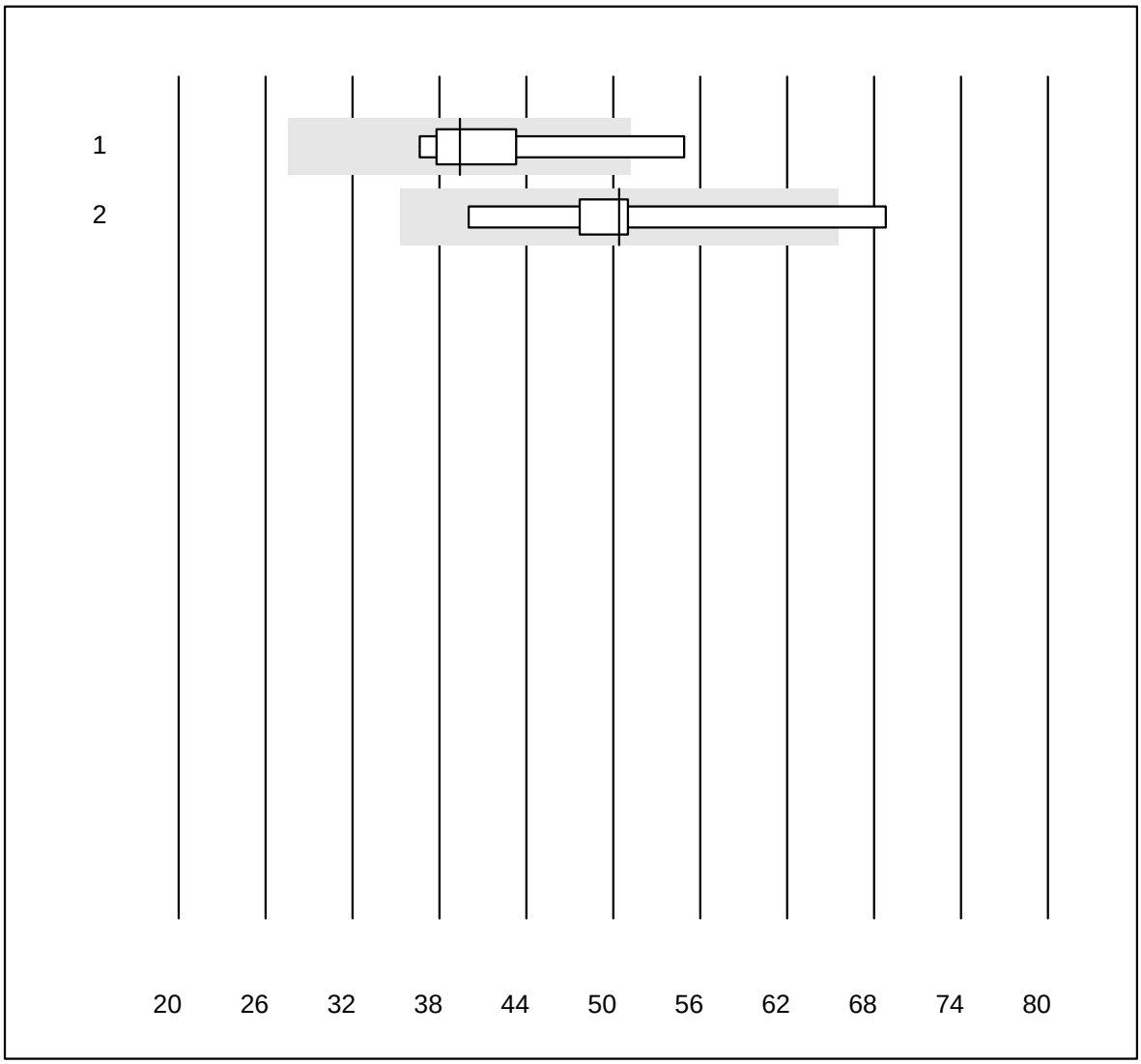


Tolleranza QUALAB : 30 %

eGFR Cockcroft-Gault ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Spotchem/Ready	9	77.8	0.0	22.2	87	3.1	e
2	Reflotron	24	87.5	8.3	4.2	72	15.4	e
3	Fuji Dri-Chem	29	69.0	17.2	13.8	79	22.8	e*

eGFR MDRD

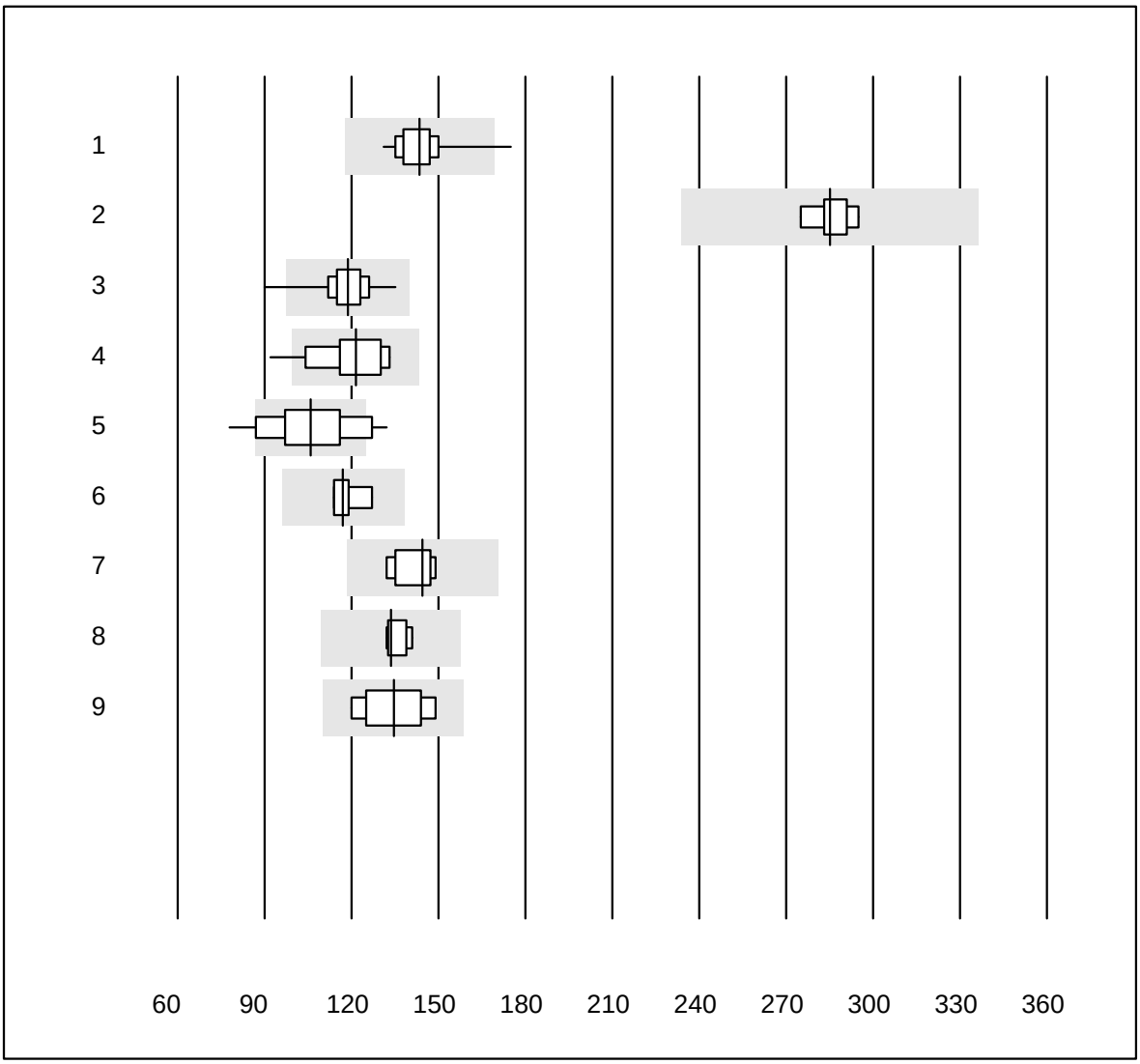


Tolleranza QUALAB : 30 %

eGFR MDRD ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Reflotron	9	88.9	11.1	0.0	39	13.7	e*
2	Fuji Dri-Chem	5	80.0	20.0	0.0	50	20.5	e*

LDH

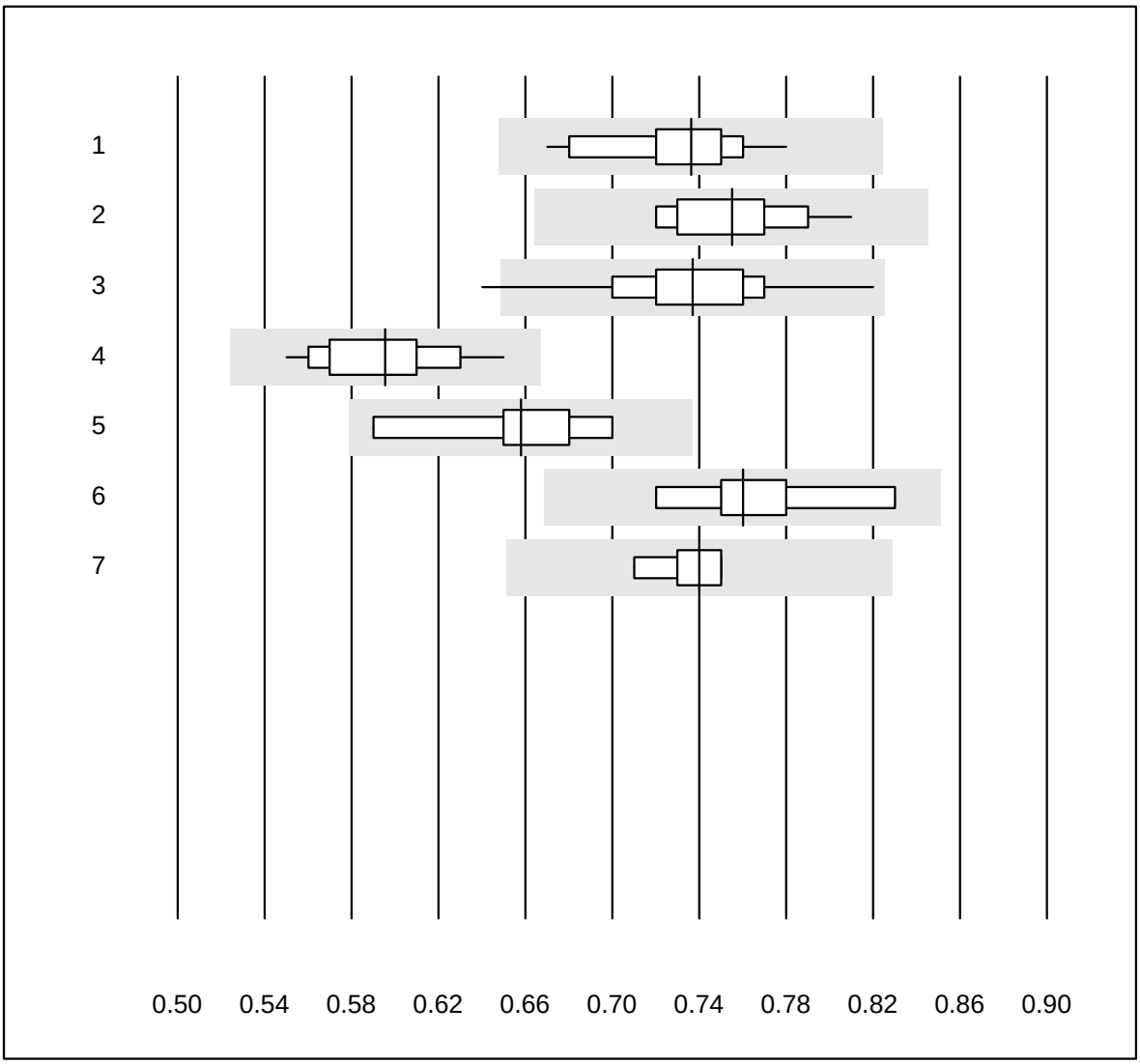


Tolleranza QUALAB : 18 %

LDH (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	32	96.9	3.1	0.0	143	5.6	e
2	Cobas	9	100.0	0.0	0.0	285	2.3	e
3	Fuji Dri-Chem	145	97.2	0.7	2.1	119	5.2	e
4	Spotchem/Ready	15	93.3	6.7	0.0	121	9.7	e*
5	Spotchem D-Concept	44	72.8	13.6	13.6	106	13.1	e
6	Piccolo	4	100.0	0.0	0.0	117	5.0	e*
7	Abx Mira	6	83.3	0.0	16.7	145	5.3	e
8	Hitachi S40/M40	6	100.0	0.0	0.0	134	2.8	e
9	Autolyser/DiaSys	8	87.5	0.0	12.5	135	8.1	e*

Magnesio

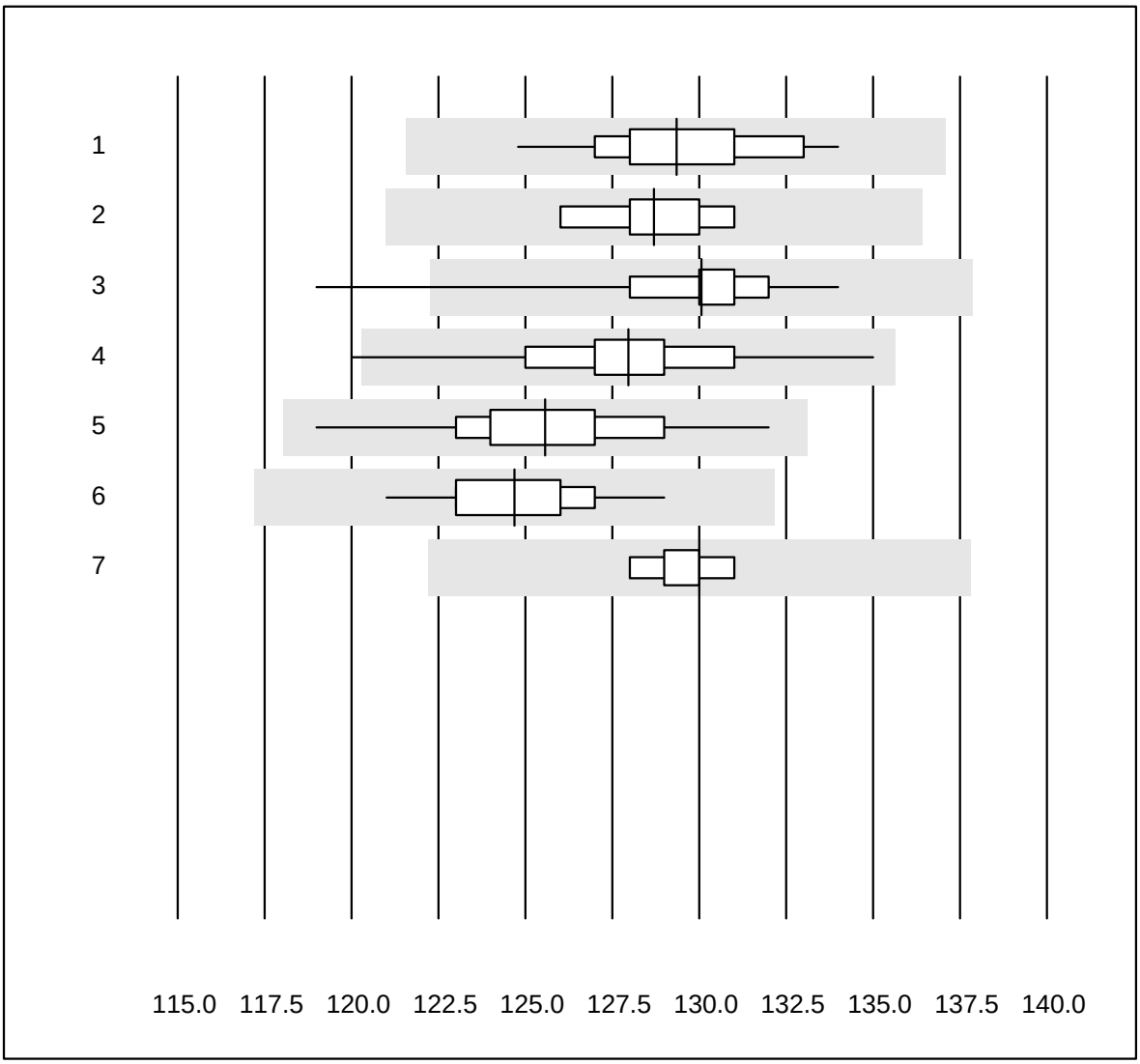


Tolleranza QUALAB : 12 %

Magnesio (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	15	100.0	0.0	0.0	0.74	4.0	e
2	Cobas	10	100.0	0.0	0.0	0.76	3.9	e
3	Fuji Dri-Chem	113	98.2	0.9	0.9	0.74	4.1	e
4	Spotchem D-Concept	42	100.0	0.0	0.0	0.60	4.4	e
5	Spotchem/Ready	11	100.0	0.0	0.0	0.66	5.7	e*
6	Beckman	9	100.0	0.0	0.0	0.76	4.3	e
7	Piccolo	7	100.0	0.0	0.0	0.74	2.0	e

Sodio

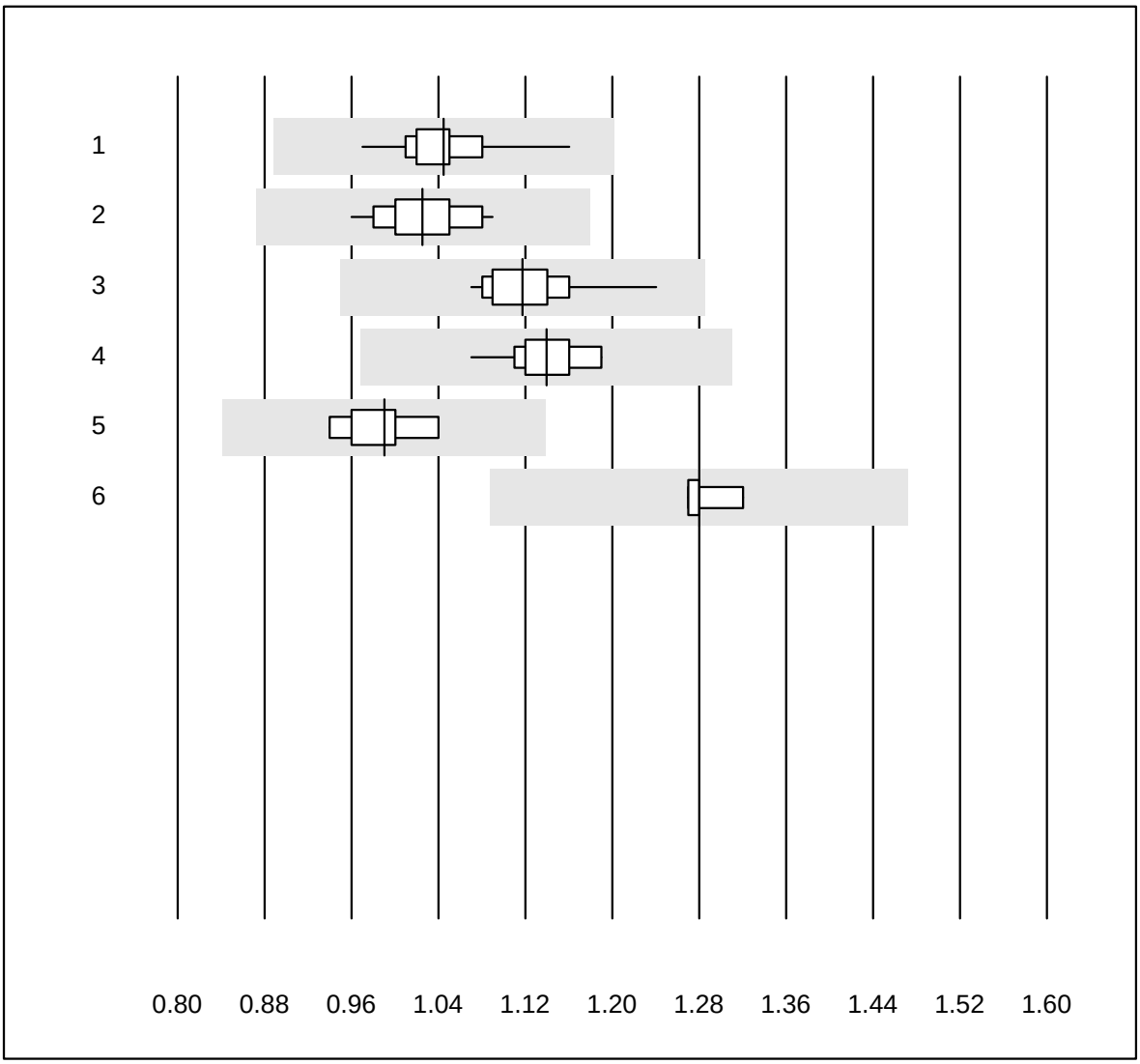


Tolleranza QUALAB : 6 %

Sodio (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE	43	100.0	0.0	0.0	129	1.8	e
2	Cobas	17	100.0	0.0	0.0	129	1.3	e
3	Fuji Dri-Chem	738	99.0	0.7	0.3	130	1.4	e
4	Spotchem D-Concept	194	99.0	1.0	0.0	128	1.9	e
5	Spotchem EL-SE 1520	108	96.3	0.0	3.7	126	2.0	e
6	Piccolo	31	100.0	0.0	0.0	125	1.6	e
7	iStat Chem8	7	100.0	0.0	0.0	130	0.8	e

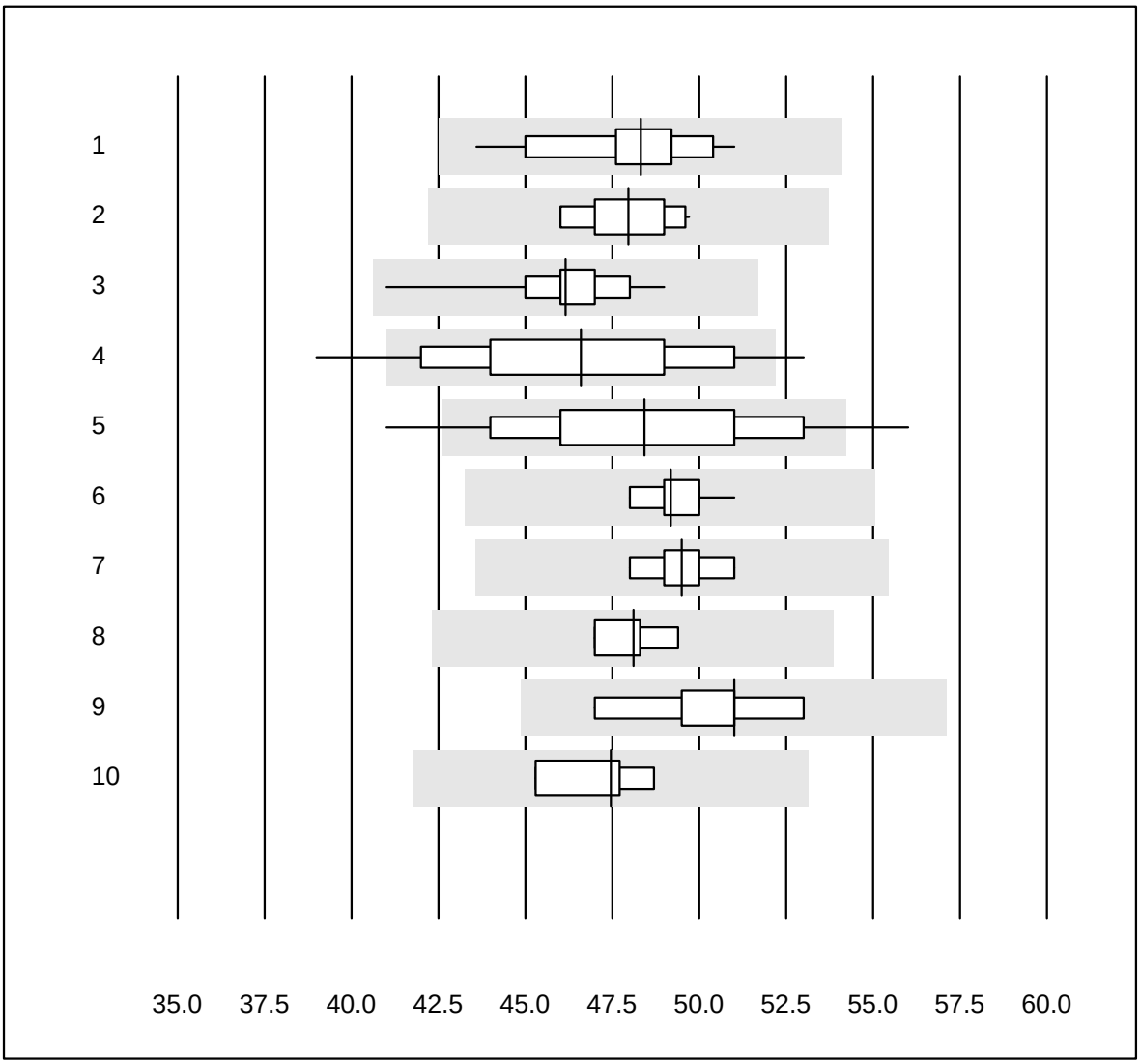
Fosfati



Tolleranza QUALAB : 15 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	24	100.0	0.0	0.0	1.0	3.8	e
2	Cobas	11	100.0	0.0	0.0	1.0	3.9	e
3	Fuji Dri-Chem	84	100.0	0.0	0.0	1.1	2.9	e
4	Spotchem D-Concept	21	100.0	0.0	0.0	1.1	2.9	e
5	Spotchem/Ready	8	100.0	0.0	0.0	1.0	3.3	e
6	Piccolo	4	100.0	0.0	0.0	1.3	1.7	e

Proteine totali

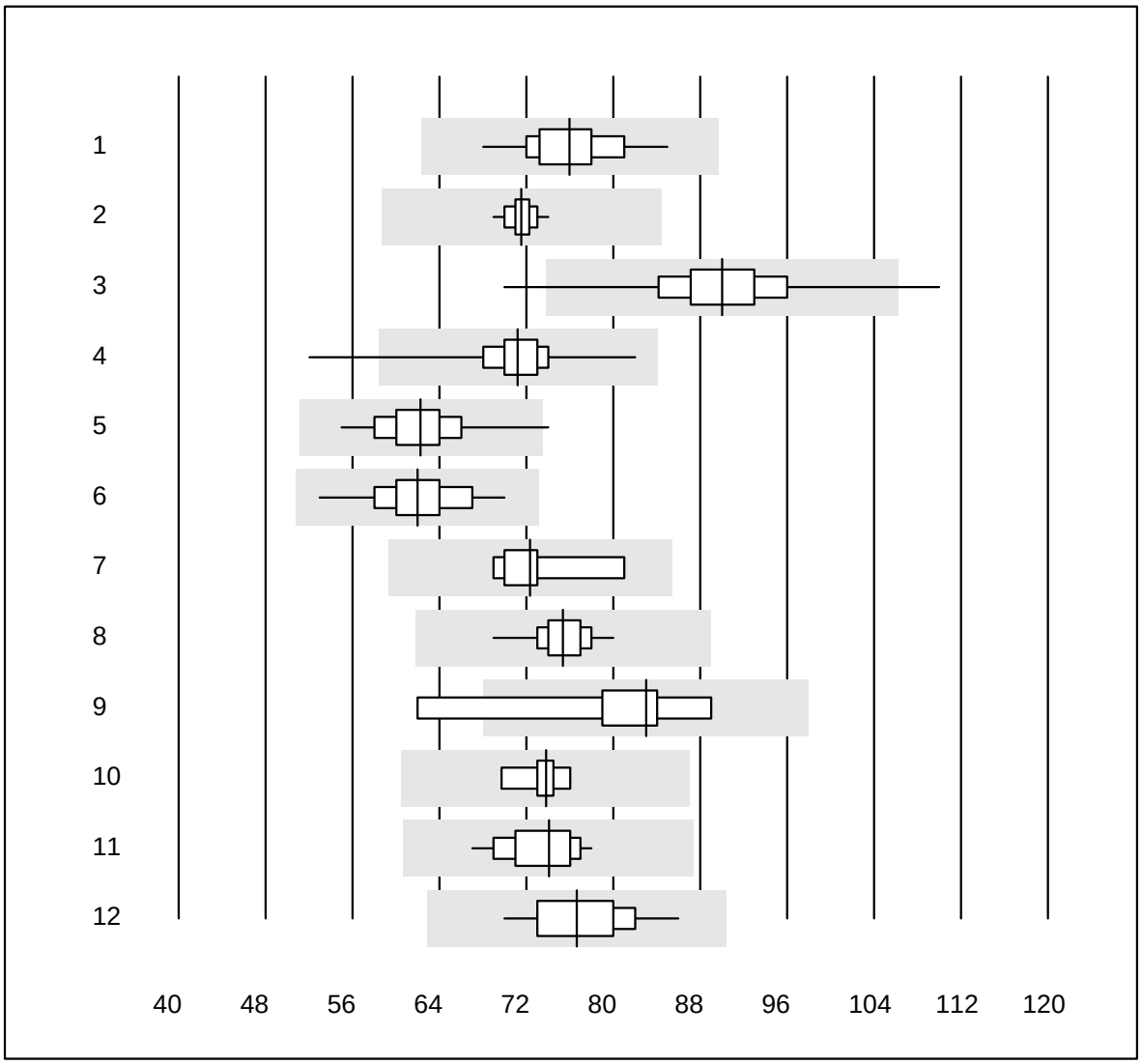


Tolleranza QUALAB : 12 %

Proteine totali (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	28	100.0	0.0	0.0	48.3	3.7	e
2	Cobas	12	100.0	0.0	0.0	48.0	2.6	e
3	Fuji Dri-Chem	183	98.9	0.0	1.1	46.2	2.6	e
4	Spotchem/Ready	28	89.3	10.7	0.0	46.6	7.3	e
5	Spotchem D-Concept	86	91.8	7.0	1.2	48.4	6.8	e
6	Piccolo	29	100.0	0.0	0.0	49.2	1.4	e
7	Skyla	6	83.3	0.0	16.7	49.5	2.3	e
8	Abx Mira	5	100.0	0.0	0.0	48.1	2.1	e
9	Hitachi S40/M40	7	100.0	0.0	0.0	51.0	3.7	e
10	Autolyser/DiaSys	4	100.0	0.0	0.0	47.5	3.0	e*

Transaminasi GOT/AST

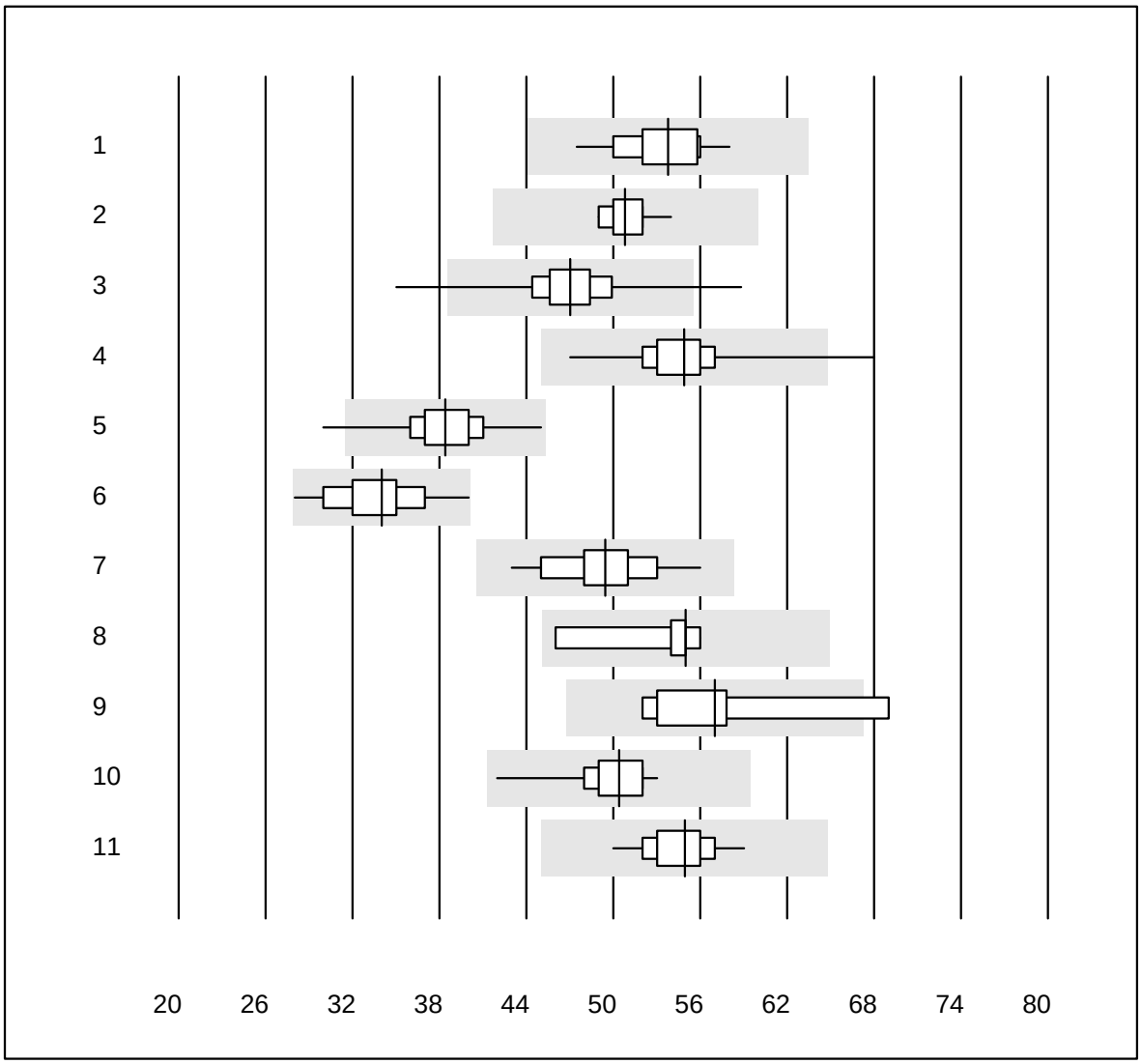


Tolleranza QUALAB : 18 %

Transaminasi GOT/AST (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC con PP	32	100.0	0.0	0.0	76	5.0	e
2	Cobas	11	100.0	0.0	0.0	72	1.9	e
3	Reflotron	797	98.4	0.8	0.8	90	5.5	e
4	Fuji Dri-Chem	802	99.2	0.2	0.6	71	3.4	e
5	Spotchem/Ready	125	99.2	0.8	0.0	62	4.9	e
6	Spotchem D-Concept	209	100.0	0.0	0.0	62	5.5	e
7	IFCC senza PP	8	100.0	0.0	0.0	72	5.1	e
8	Piccolo	43	97.7	0.0	2.3	75	3.0	e
9	Skyla	7	85.7	14.3	0.0	83	10.7	e*
10	Abx Mira	8	100.0	0.0	0.0	74	2.5	e
11	Hitachi S40/M40	20	100.0	0.0	0.0	74	4.0	e
12	Autolyser/DiaSys	16	100.0	0.0	0.0	77	5.9	e

Transaminasi GPT/ALT

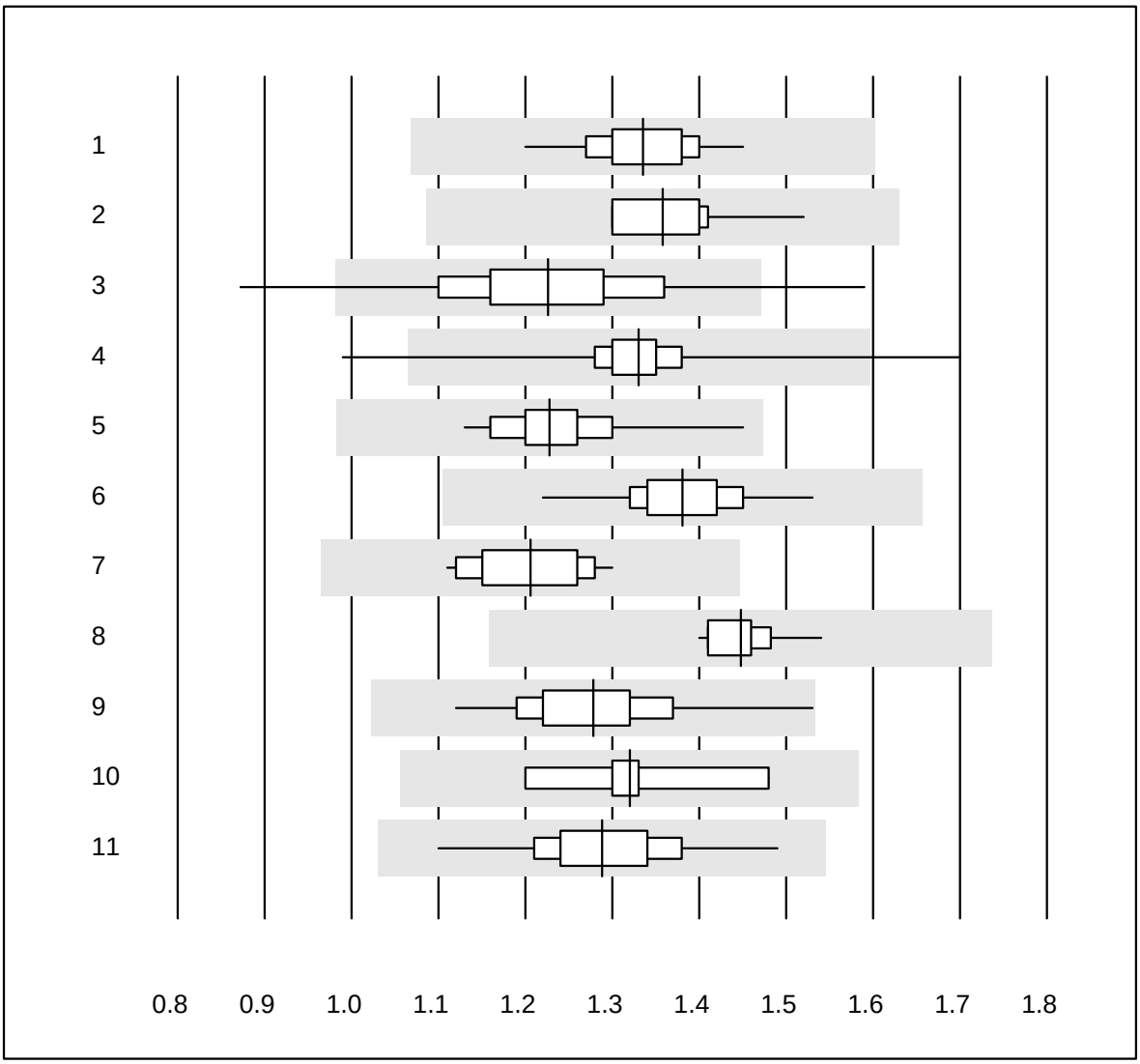


Tolleranza QUALAB : 18 %

Transaminasi GPT/ALT (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC con PP	32	100.0	0.0	0.0	54	4.9	e
2	Cobas	18	100.0	0.0	0.0	51	2.7	e
3	Reflotron	827	98.6	0.7	0.7	47	5.2	e
4	Fuji Dri-Chem	817	98.6	0.4	1.0	55	4.0	e
5	Spotchem/Ready	130	96.9	2.3	0.8	38	6.1	e
6	Spotchem D-Concept	213	100.0	0.0	0.0	34	7.3	e
7	Piccolo	44	97.7	0.0	2.3	49	5.6	e
8	Skyla	7	100.0	0.0	0.0	55	6.4	e*
9	Abx Mira	9	88.9	11.1	0.0	57	9.5	e*
10	Hitachi S40/M40	20	100.0	0.0	0.0	50	4.9	e
11	Autolyser/DiaSys	16	100.0	0.0	0.0	55	4.2	e

Trigliceridi

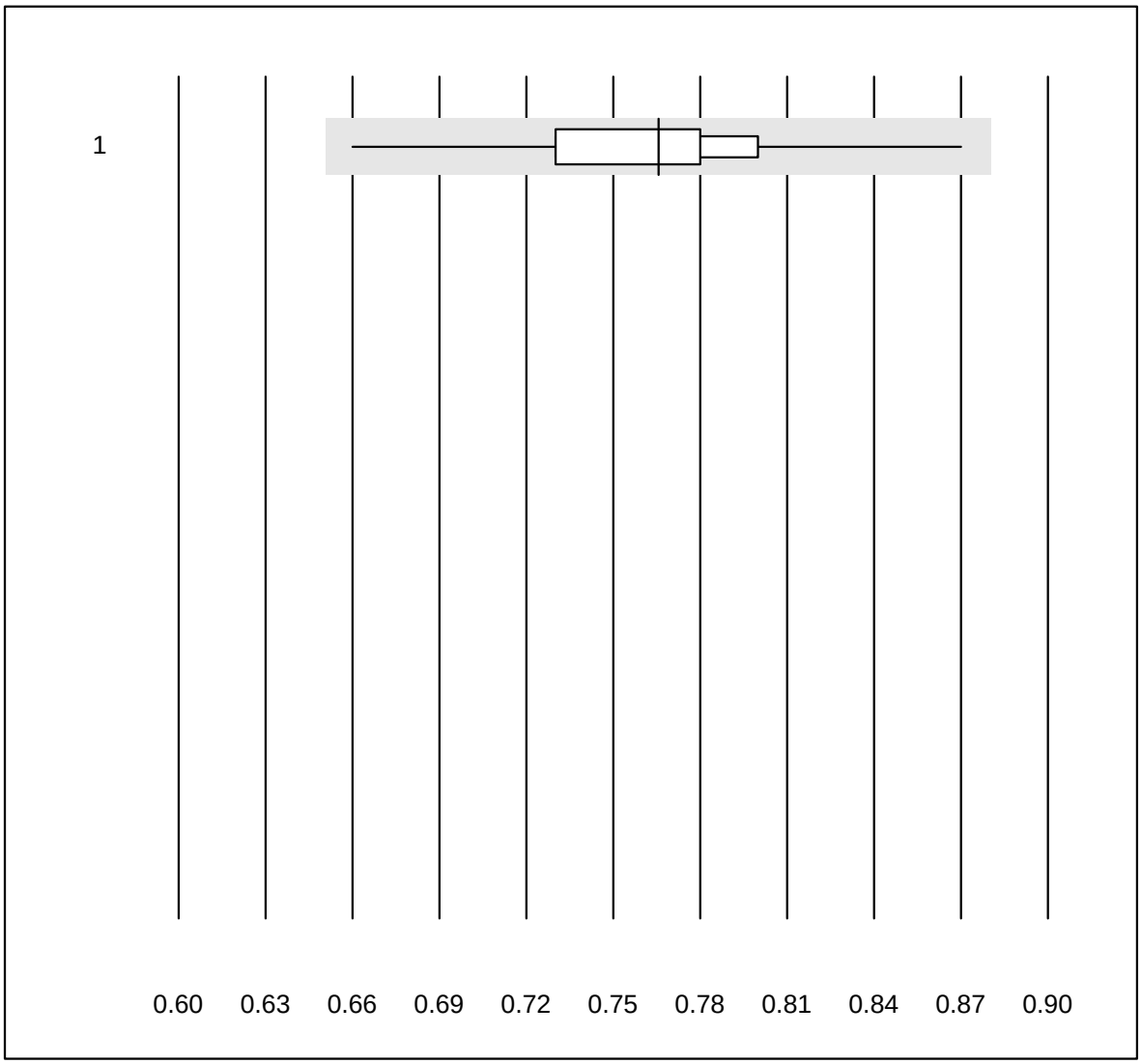


Tolleranza QUALAB : 20 %

Trigliceridi (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	30	100.0	0.0	0.0	1.34	4.2	e
2	Cobas	17	100.0	0.0	0.0	1.36	4.4	e
3	Reflotron	544	93.6	2.2	4.2	1.23	8.6	e
4	Fuji Dri-Chem	712	98.6	0.4	1.0	1.33	3.6	e
5	Spotchem/Ready	108	99.1	0.0	0.9	1.23	5.0	e
6	Spotchem D-Concept	190	97.9	0.0	2.1	1.38	3.7	e
7	Hitachi S40/M40	16	100.0	0.0	0.0	1.21	5.0	e
8	Piccolo	20	100.0	0.0	0.0	1.45	2.4	e
9	Cholestech LDX	167	99.4	0.0	0.6	1.28	5.5	e
10	Abx Mira	8	100.0	0.0	0.0	1.32	6.1	e
11	Autolyser/DiaSys	15	100.0	0.0	0.0	1.29	6.9	e

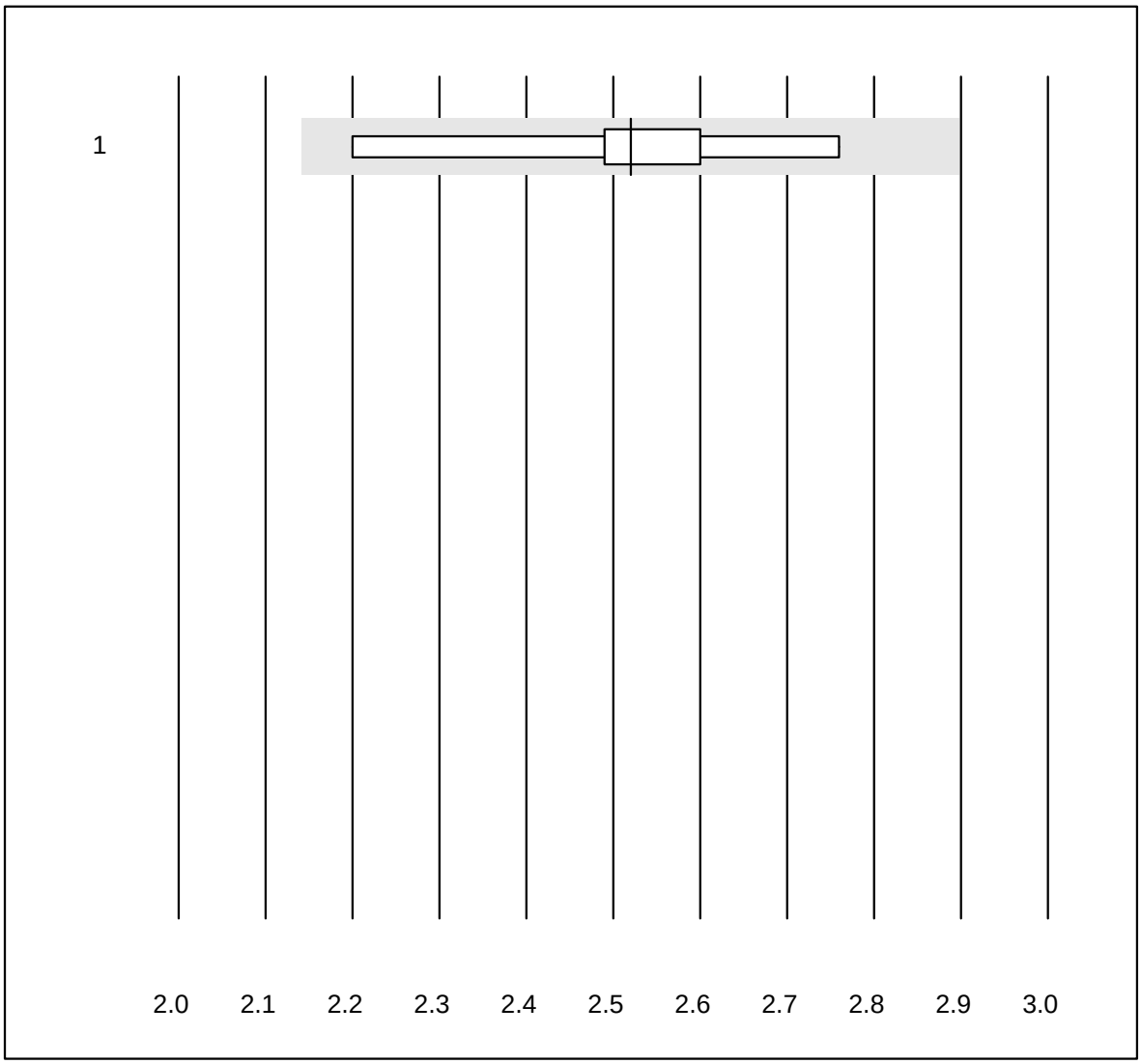
Litio



Tolleranza QUALAB : 15 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	18	100.0	0.0	0.0	0.77	5.7	e

Laktat

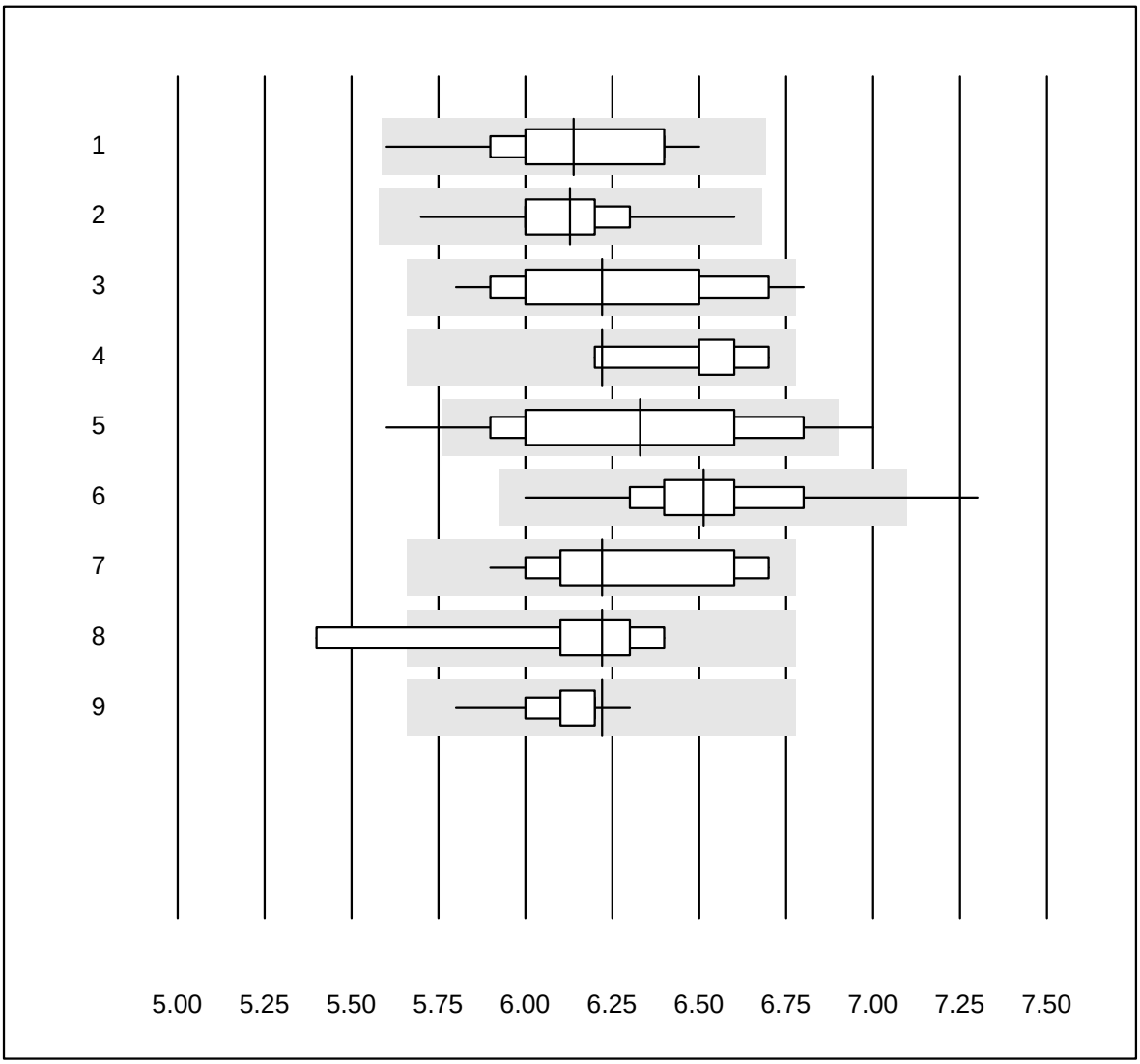


Tolleranza QUALAB : 15 %

Laktat (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	9	100.0	0.0	0.0	2.52	6.4	e*

HbA1c campione A

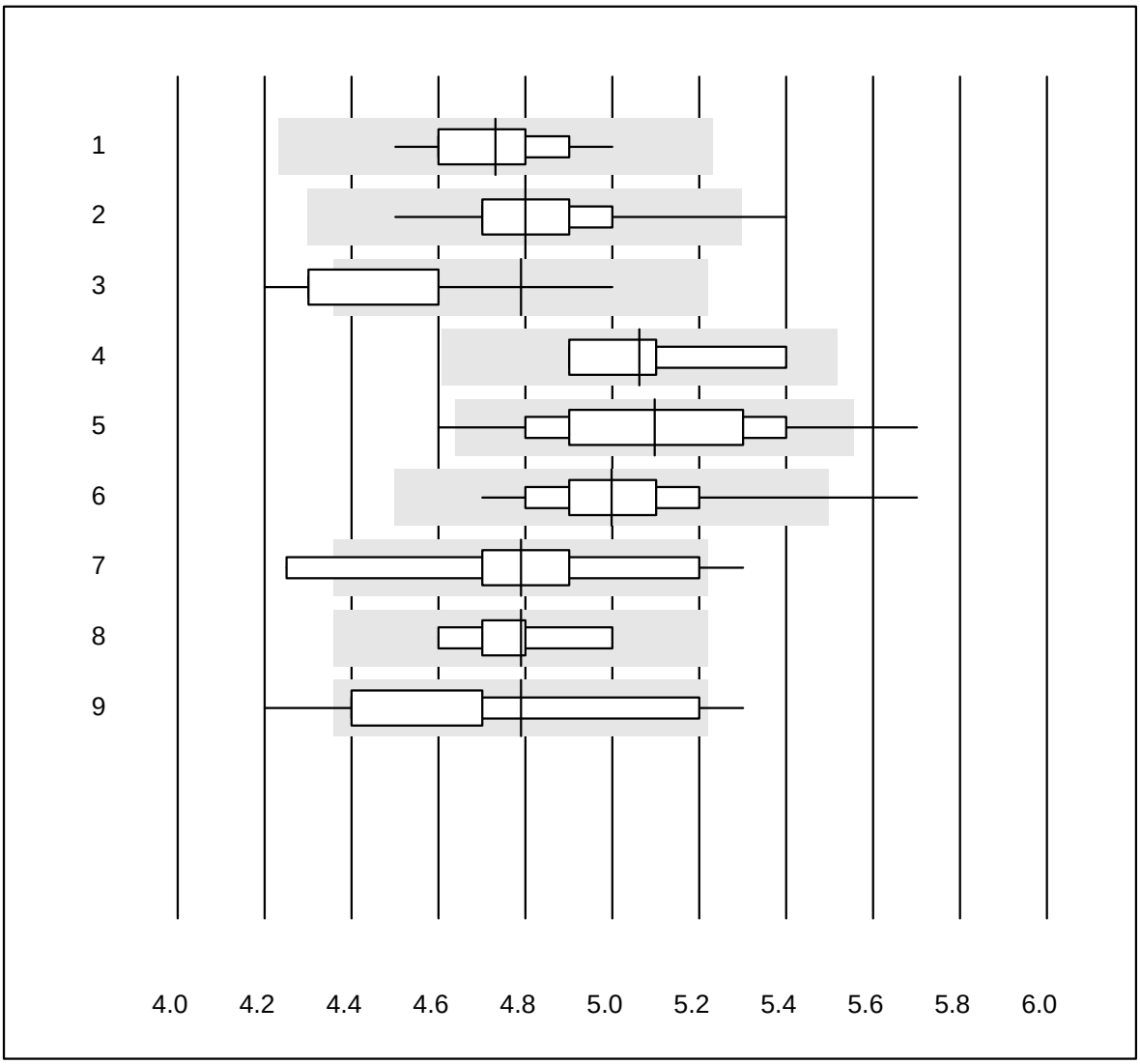


Tolleranza QUALAB : 9 %

HbA1c campione A (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b101	35	94.3	0.0	5.7	6.1	3.7	e
2	Afinion	680	99.7	0.0	0.3	6.1	2.4	e
3	Eurolyser	24	87.5	4.2	8.3	6.2	4.6	a
4	Hemocue HbA1c 501	6	83.3	0.0	16.7	6.2	3.0	a
5	NycoCard	78	91.1	5.1	3.8	6.3	5.6	e
6	DCA2000/Vantage	232	96.1	2.2	1.7	6.5	3.2	e
7	Andere	15	100.0	0.0	0.0	6.2	4.4	a
8	HPLC	8	87.5	12.5	0.0	6.2	5.1	a
9	Roche, Cobas	14	100.0	0.0	0.0	6.2	2.0	a

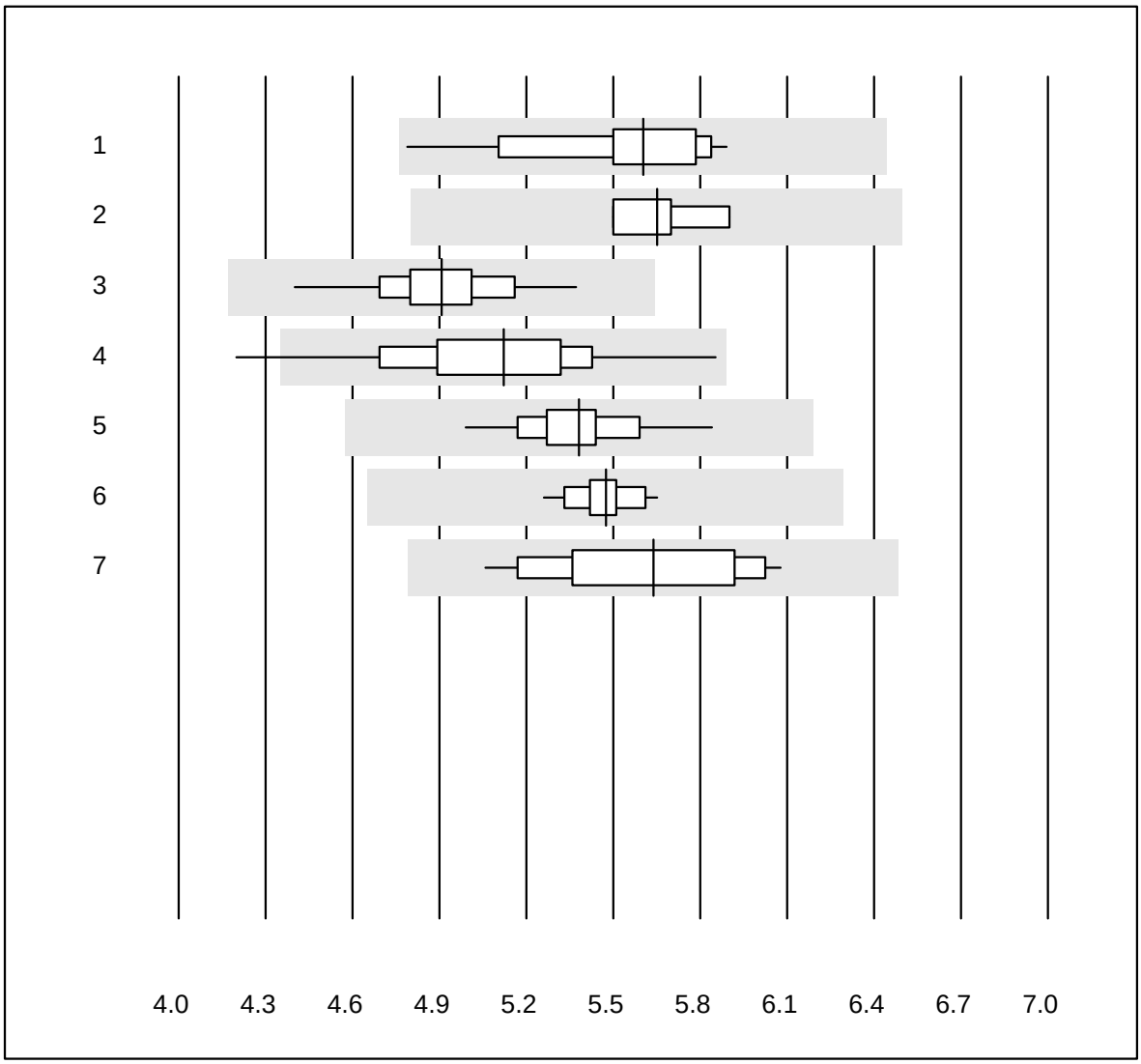
HbA1c campione B



Tolleranza QUALAB : 9 %
(< 5.0: +/- 0.5 %)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b101	44	100.0	0.0	0.0	4.7	2.7	e
2	Afinion	641	99.3	0.5	0.2	4.8	2.5	e
3	Eurolyser	12	50.0	41.7	8.3	4.8	5.1	a
4	Hemocue HbA1c 501	10	80.0	0.0	20.0	5.1	3.3	e
5	NycoCard	35	82.9	5.7	11.4	5.1	5.1	e
6	DCA2000/Vantage	204	97.5	1.5	1.0	5.0	3.3	e
7	Andere	10	80.0	20.0	0.0	4.8	6.4	a
8	HPLC	8	100.0	0.0	0.0	4.8	2.6	a
9	Roche, Cobas	15	86.7	13.3	0.0	4.8	6.5	a

pCO2

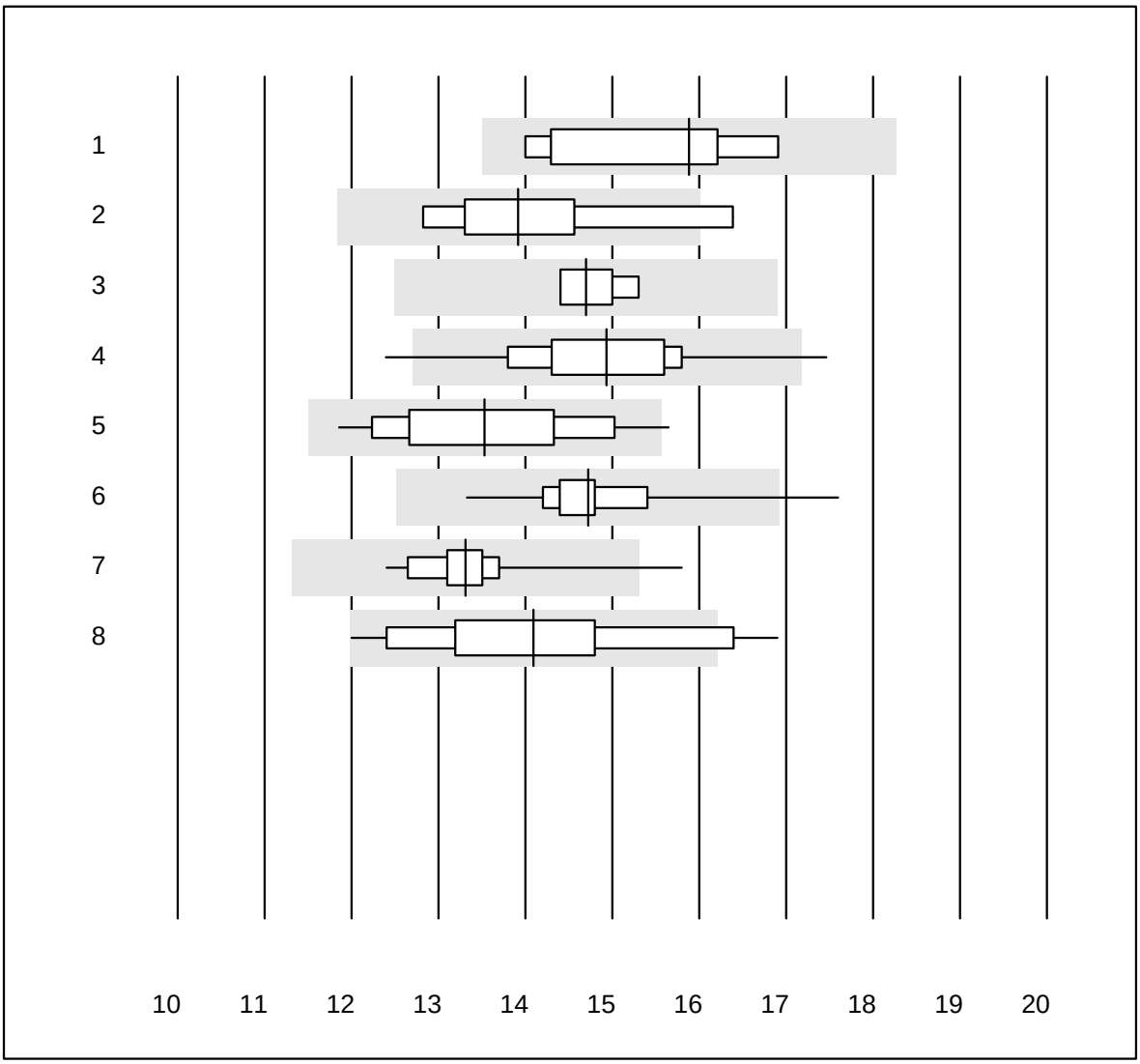


Tolleranza QUALAB : 15 %

pCO2 (kPa)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	21	95.2	0.0	4.8	5.60	4.8	e
2	IL	4	100.0	0.0	0.0	5.65	3.0	e
3	iStat	38	97.4	0.0	2.6	4.91	3.8	e
4	EPOC	37	91.9	2.7	5.4	5.12	6.6	e
5	ABL700/800	80	100.0	0.0	0.0	5.38	3.2	e
6	ABL 90	38	100.0	0.0	0.0	5.47	1.8	e
7	ABL 80 / Coox	24	100.0	0.0	0.0	5.64	5.7	e

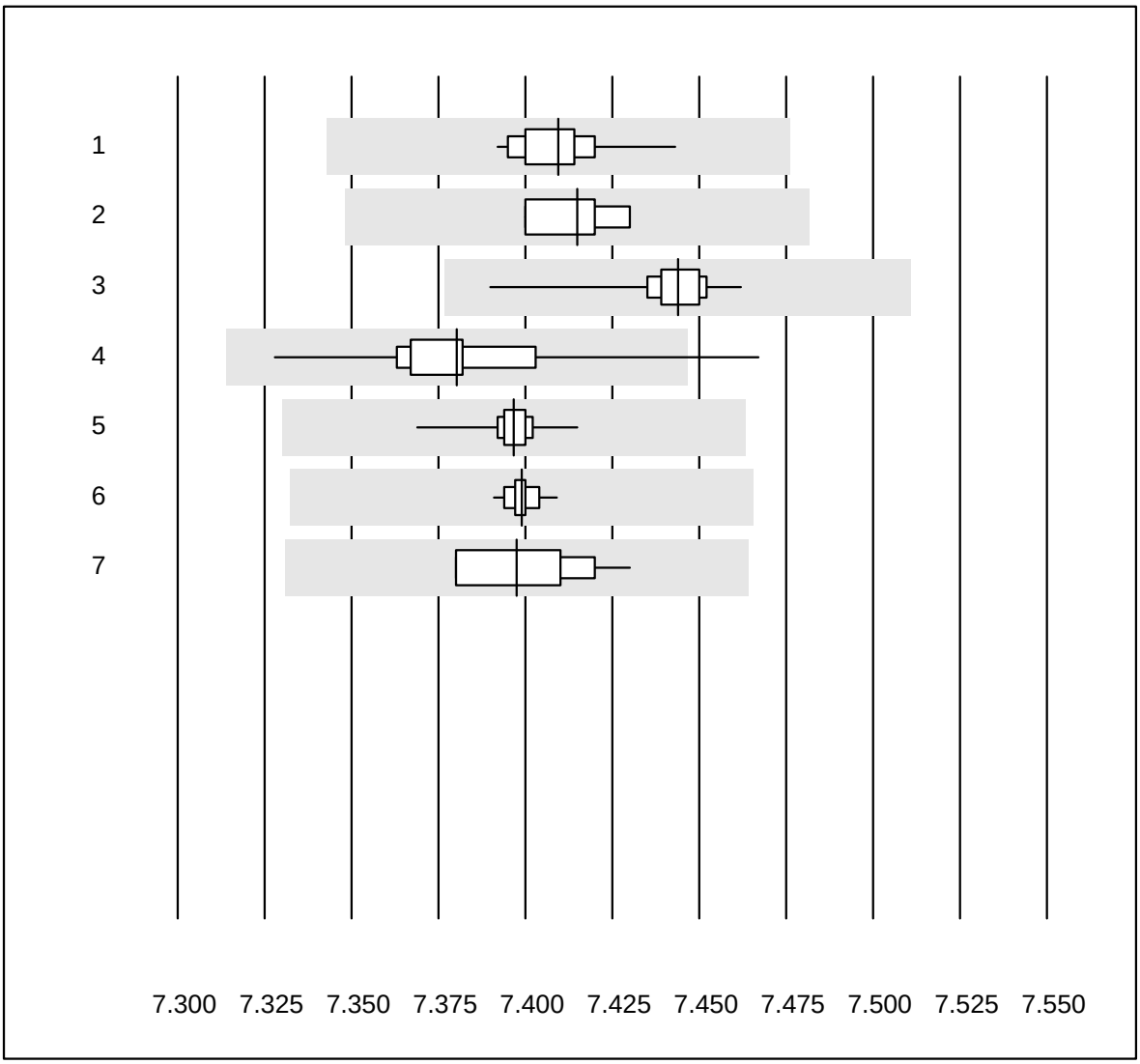
pO2



Tolleranza QUALAB : 15 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b221	8	100.0	0.0	0.0	15.89	6.4	e*
2	Cobas b121/123	9	88.9	11.1	0.0	13.92	8.5	e*
3	IL	4	100.0	0.0	0.0	14.70	3.0	e
4	iStat	38	92.1	5.3	2.6	14.94	6.7	e
5	EPOC	37	83.8	8.1	8.1	13.53	8.0	e
6	ABL700/800	78	96.1	1.3	2.6	14.72	4.4	e
7	ABL 90	38	94.8	2.6	2.6	13.31	4.1	e
8	ABL 80 / Coox	23	87.0	13.0	0.0	14.09	9.4	e*

pH

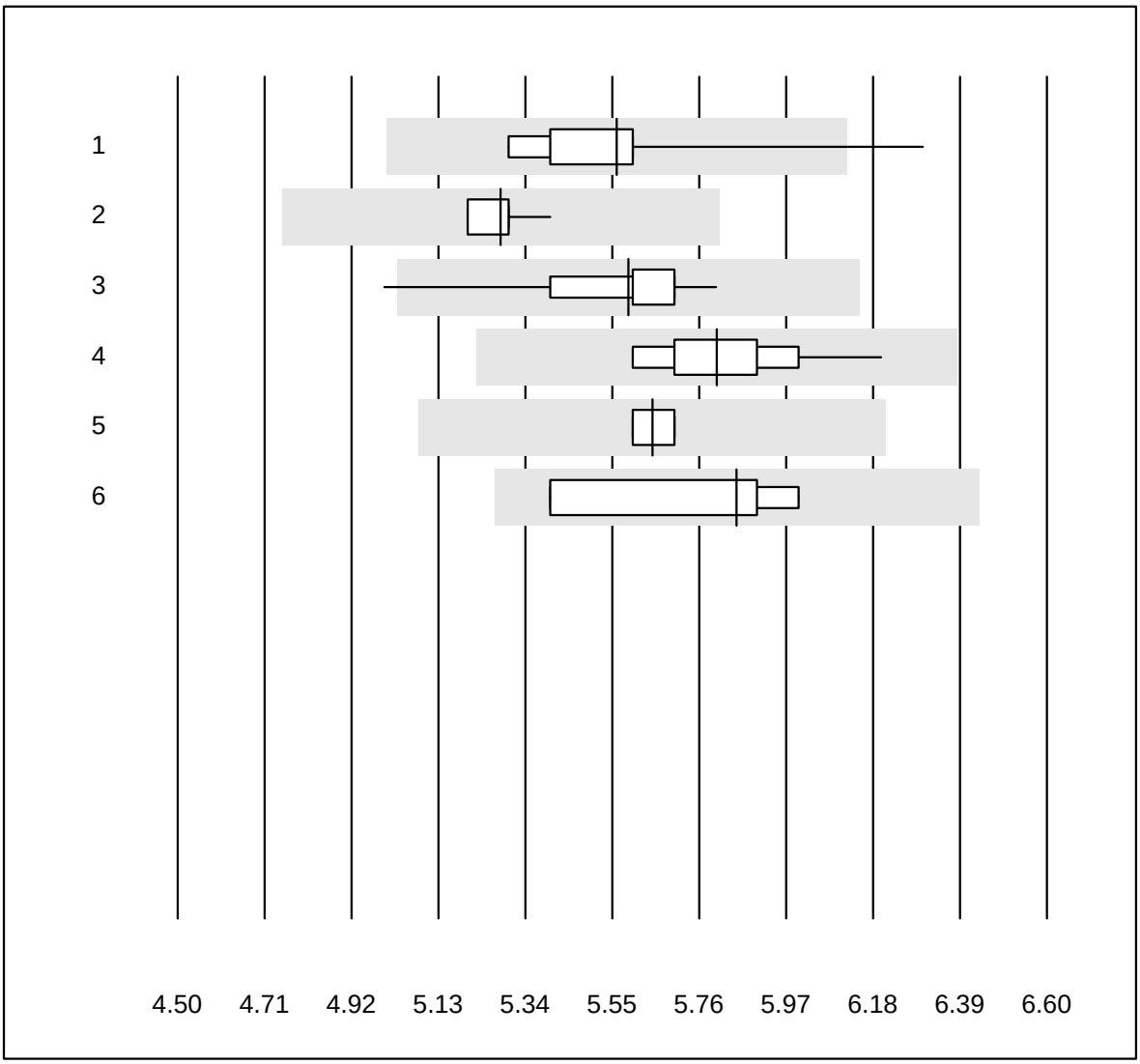


Tolleranza QUALAB : 1 %

pH ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	20	100.0	0.0	0.0	7.41	0.2	e
2	IL	4	100.0	0.0	0.0	7.42	0.2	e
3	iStat	39	100.0	0.0	0.0	7.44	0.2	e
4	EPOC	37	94.6	5.4	0.0	7.38	0.3	e
5	ABL700/800	80	98.7	0.0	1.3	7.40	0.1	e
6	ABL 90	37	100.0	0.0	0.0	7.40	0.1	e
7	ABL 80 / Coox	24	100.0	0.0	0.0	7.40	0.2	e

Glucosio GS

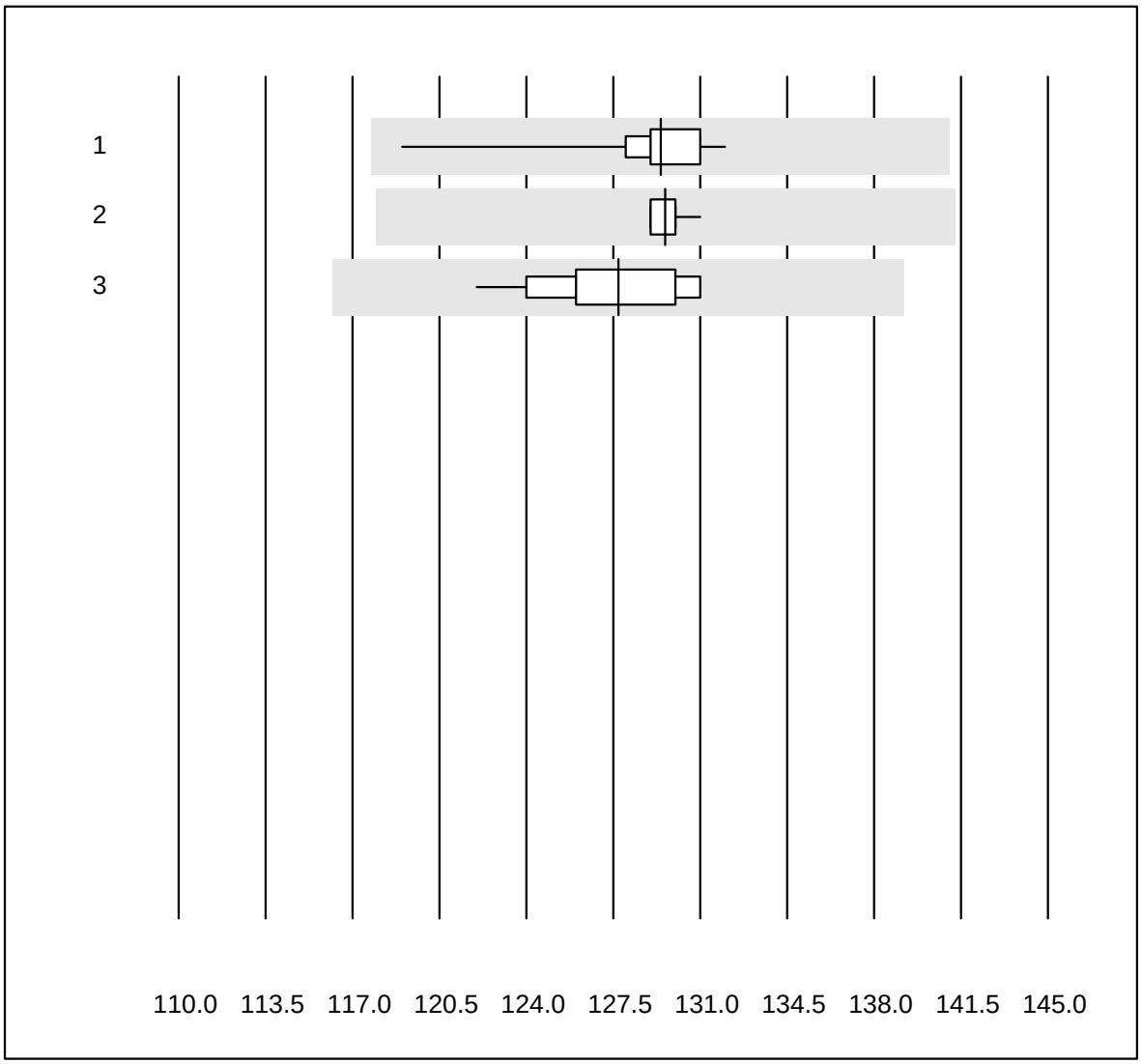


Tolleranza QUALAB : 10 %

Glucosio GS (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	13	69.2	7.7	23.1	5.6	5.2	e*
2	iStat	10	100.0	0.0	0.0	5.3	1.2	e
3	EPOC	25	96.0	4.0	0.0	5.6	2.8	e
4	ABL700/800	67	100.0	0.0	0.0	5.8	2.2	e
5	ABL 90	36	100.0	0.0	0.0	5.6	0.9	e
6	ABL 80 / Coox	4	100.0	0.0	0.0	5.9	4.6	e*

Emoglobina BG

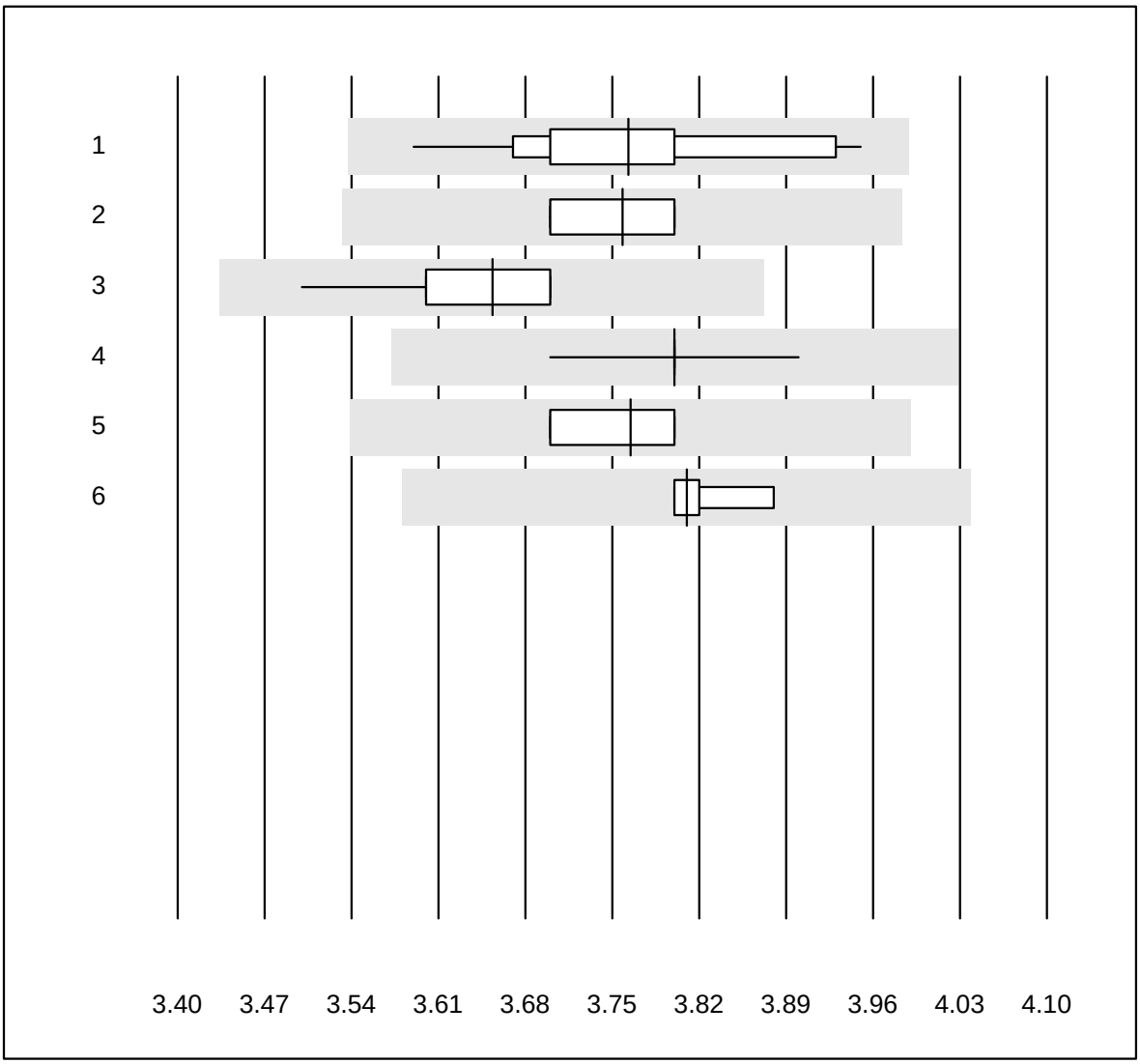


Tolleranza QUALAB : 9 %

Emoglobina BG (g/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL700/800	70	91.4	0.0	8.6	129.4	2.0	e
2	ABL 90	36	97.2	0.0	2.8	129.6	0.5	e
3	ABL 80 / Coox	16	100.0	0.0	0.0	127.7	2.0	e

Potassio BG

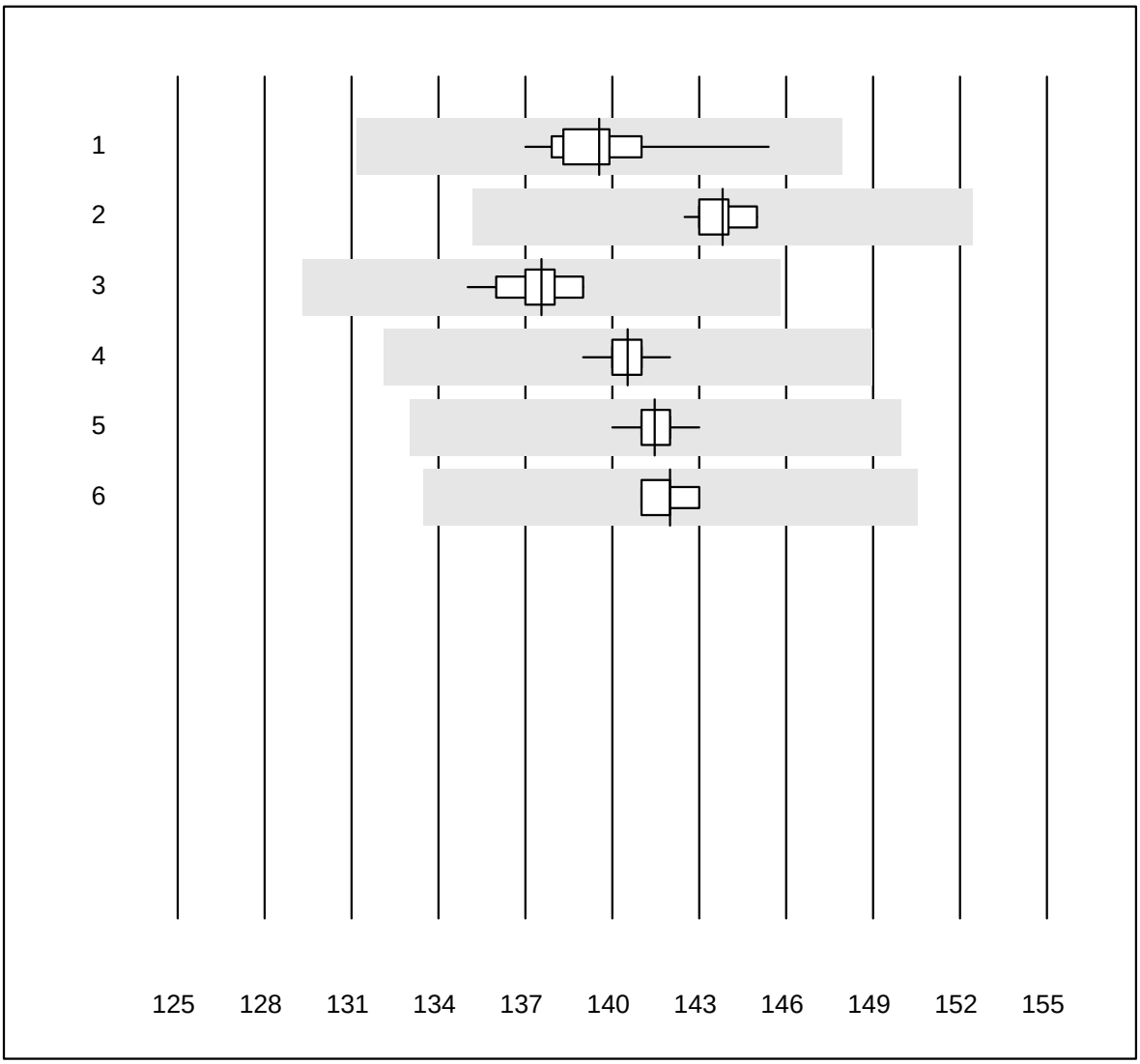


Tolleranza QUALAB : 6 %

Potassio BG (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	21	95.2	0.0	4.8	3.8	2.5	e
2	iStat	18	100.0	0.0	0.0	3.8	1.3	e
3	EPOC	30	100.0	0.0	0.0	3.7	1.6	e
4	ABL700/800	69	100.0	0.0	0.0	3.8	0.9	e
5	ABL 90	37	100.0	0.0	0.0	3.8	1.3	e
6	ABL 80 / Coox	9	100.0	0.0	0.0	3.8	0.8	e

Sodio BG

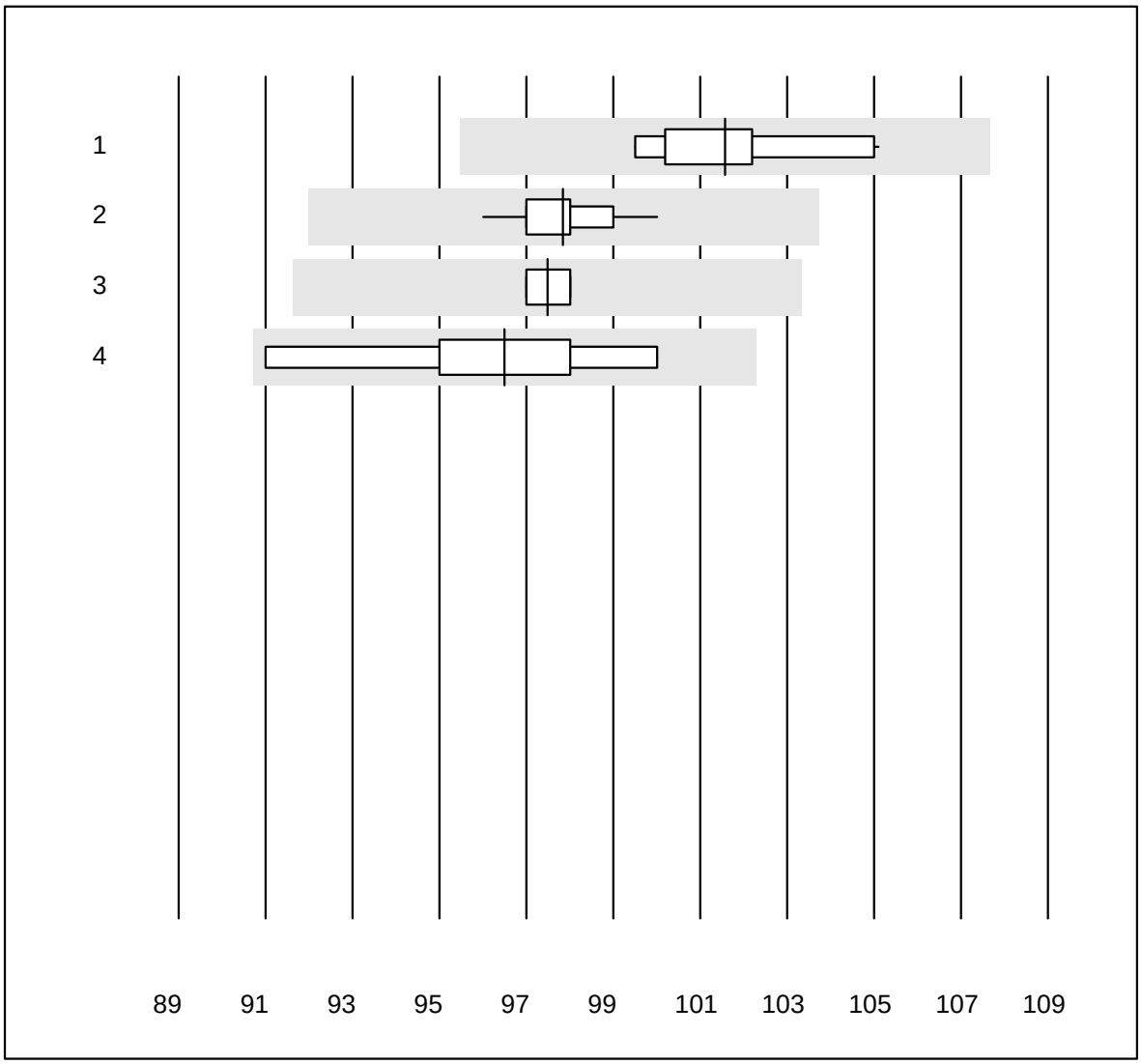


Tolleranza QUALAB : 6 %

Sodio BG (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	21	100.0	0.0	0.0	139.5	1.6	e
2	iStat	19	100.0	0.0	0.0	143.8	0.5	e
3	EPOC	29	100.0	0.0	0.0	137.6	0.8	e
4	ABL700/800	67	100.0	0.0	0.0	140.5	0.5	e
5	ABL 90	38	100.0	0.0	0.0	141.5	0.4	e
6	ABL 80 / Coox	7	100.0	0.0	0.0	142.0	0.5	e

Cloruro-BG

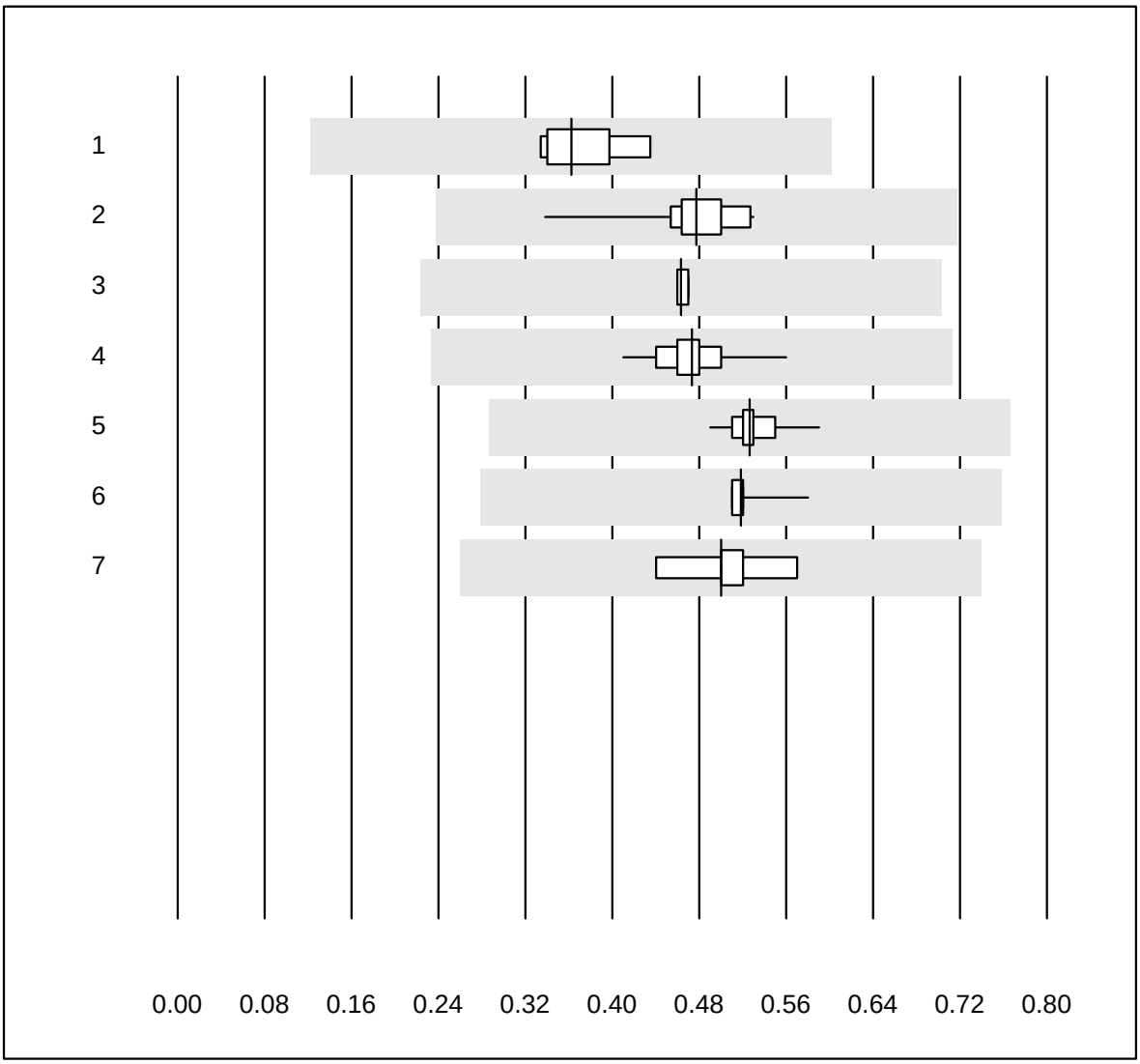


Tolleranza QUALAB : 6 %

Cloruro-BG (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	10	100.0	0.0	0.0	101.6	1.9	e
2	ABL700/800	59	100.0	0.0	0.0	97.8	0.9	e
3	ABL 90	37	100.0	0.0	0.0	97.5	0.5	e
4	ABL 80 / Coox	6	100.0	0.0	0.0	96.5	3.2	e*

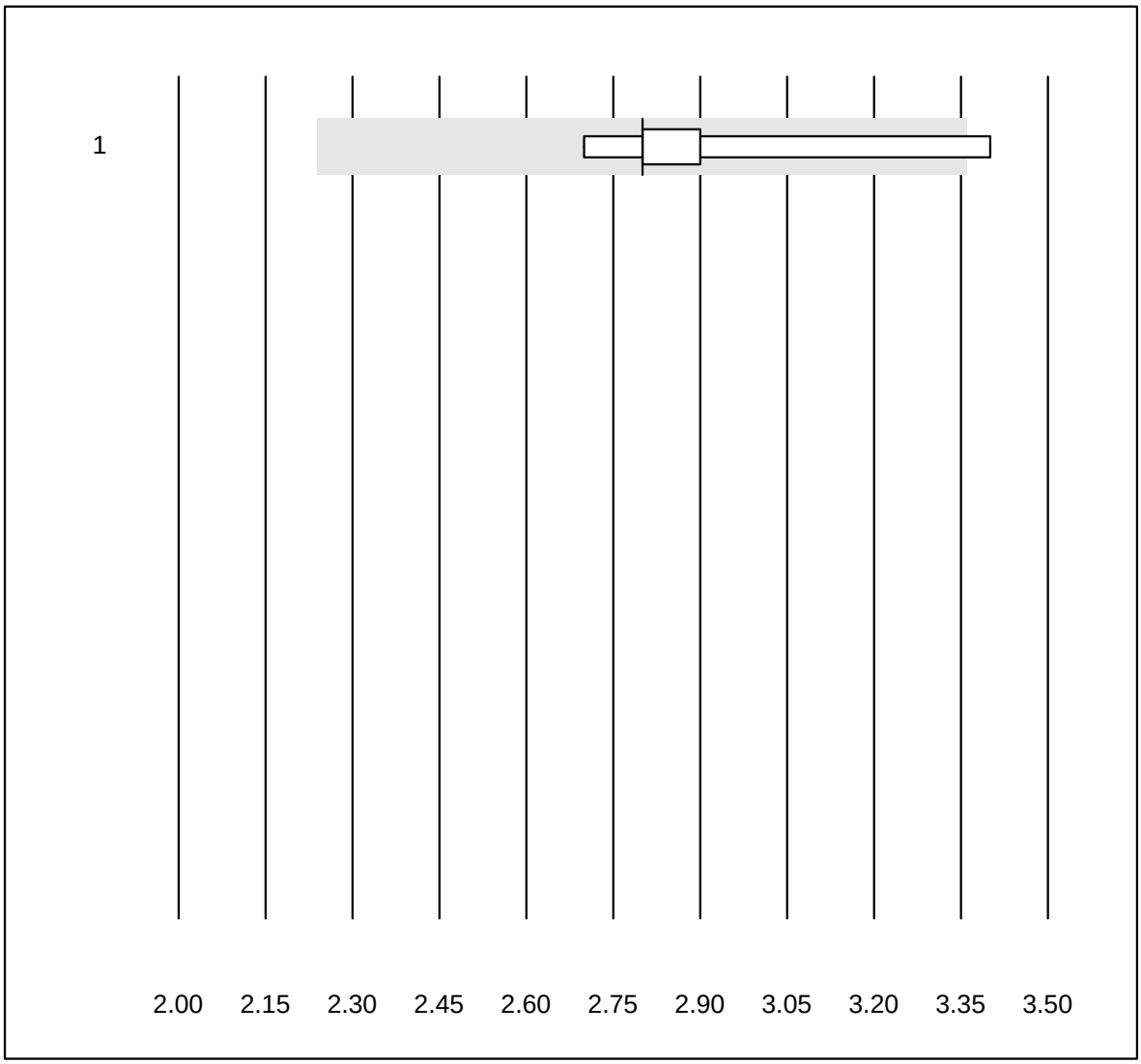
Calcio-BG



Tolleranza QUALAB : 12 %
(< 2.00: +/- 0.24 mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b123	6	100.0	0.0	0.0	0.36	10.4	e*
2	Cobas	13	100.0	0.0	0.0	0.48	10.1	e*
3	iStat	10	100.0	0.0	0.0	0.46	1.0	e
4	EPOC	28	100.0	0.0	0.0	0.47	5.8	e
5	ABL700/800	68	100.0	0.0	0.0	0.53	3.1	e
6	ABL 90	38	100.0	0.0	0.0	0.52	2.2	e
7	ABL 80 / Coox	9	100.0	0.0	0.0	0.50	7.2	e*

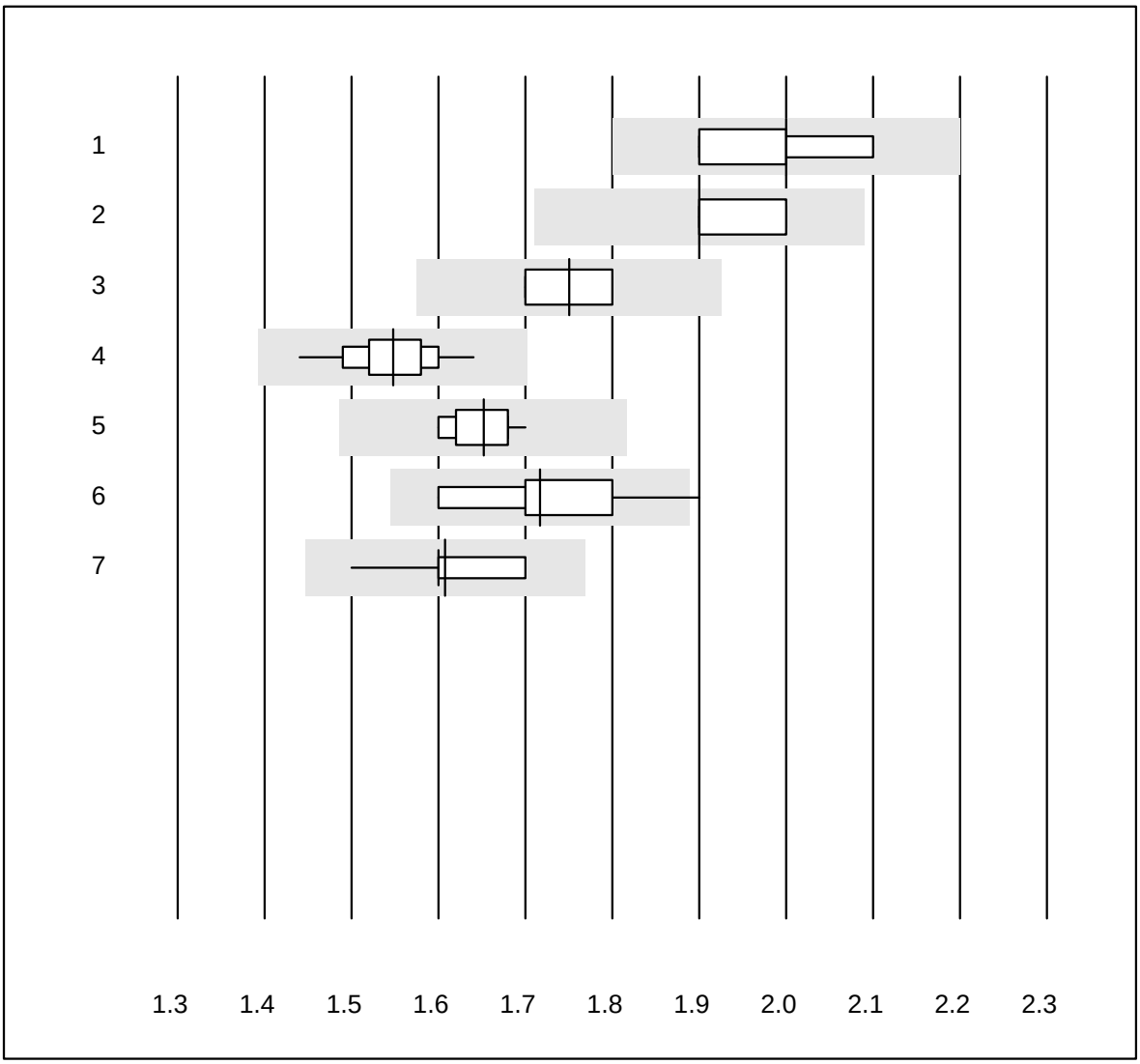
FHHb



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL 80 / Coox	6	83.3	16.7	0.0	2.800	8.7	e*

Lattato-BG

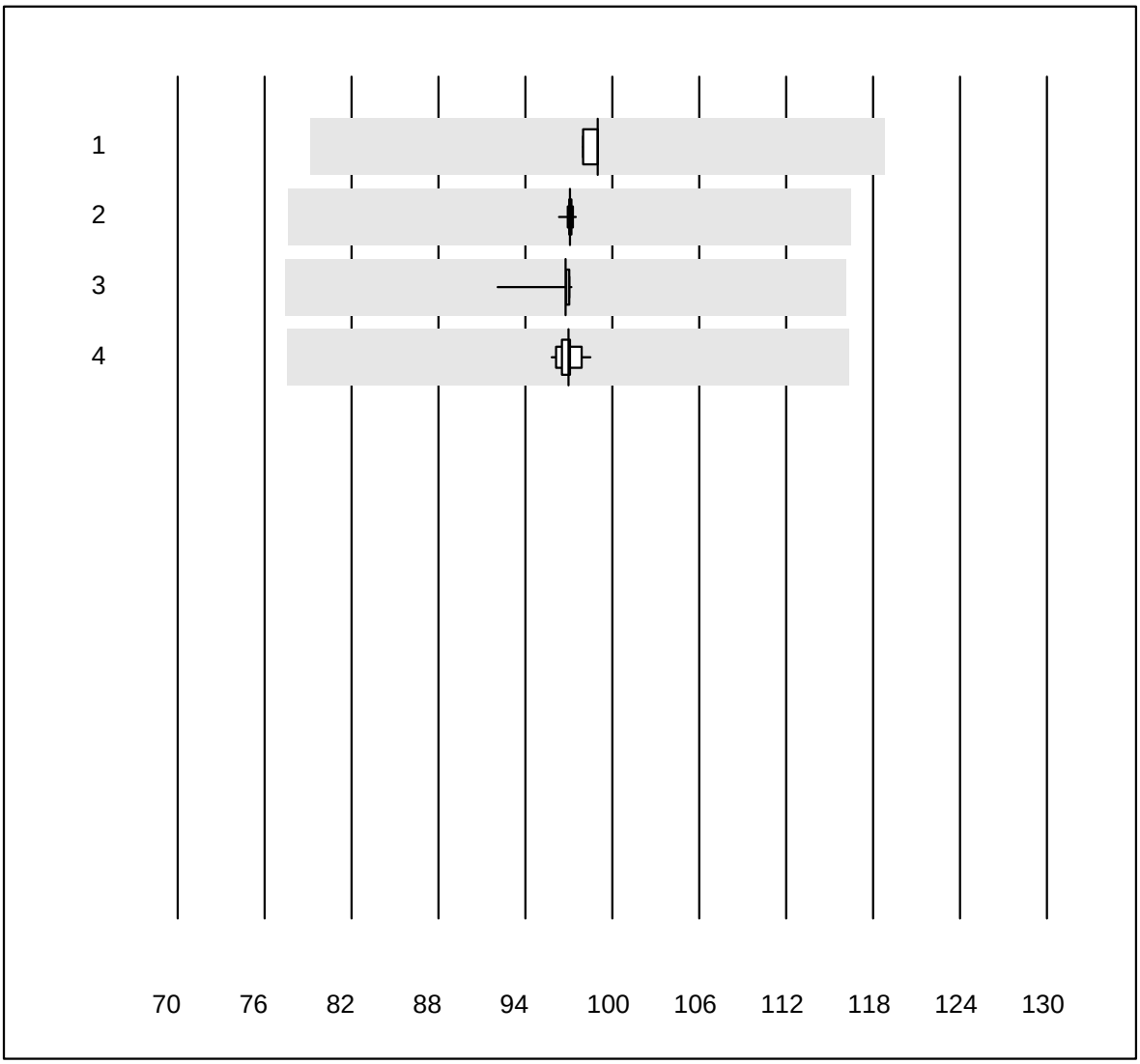


Tolleranza QUALAB : 10 %

Lattato-BG (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b123	7	100.0	0.0	0.0	2.00	3.5	e*
2	Cobas	5	100.0	0.0	0.0	1.90	2.8	e*
3	IL	5	100.0	0.0	0.0	1.75	2.9	e*
4	EPOC	31	100.0	0.0	0.0	1.55	3.0	e
5	iStat	10	100.0	0.0	0.0	1.65	2.0	e
6	ABL700/800	71	95.8	2.8	1.4	1.72	4.0	e
7	ABL 90	38	100.0	0.0	0.0	1.61	3.0	e

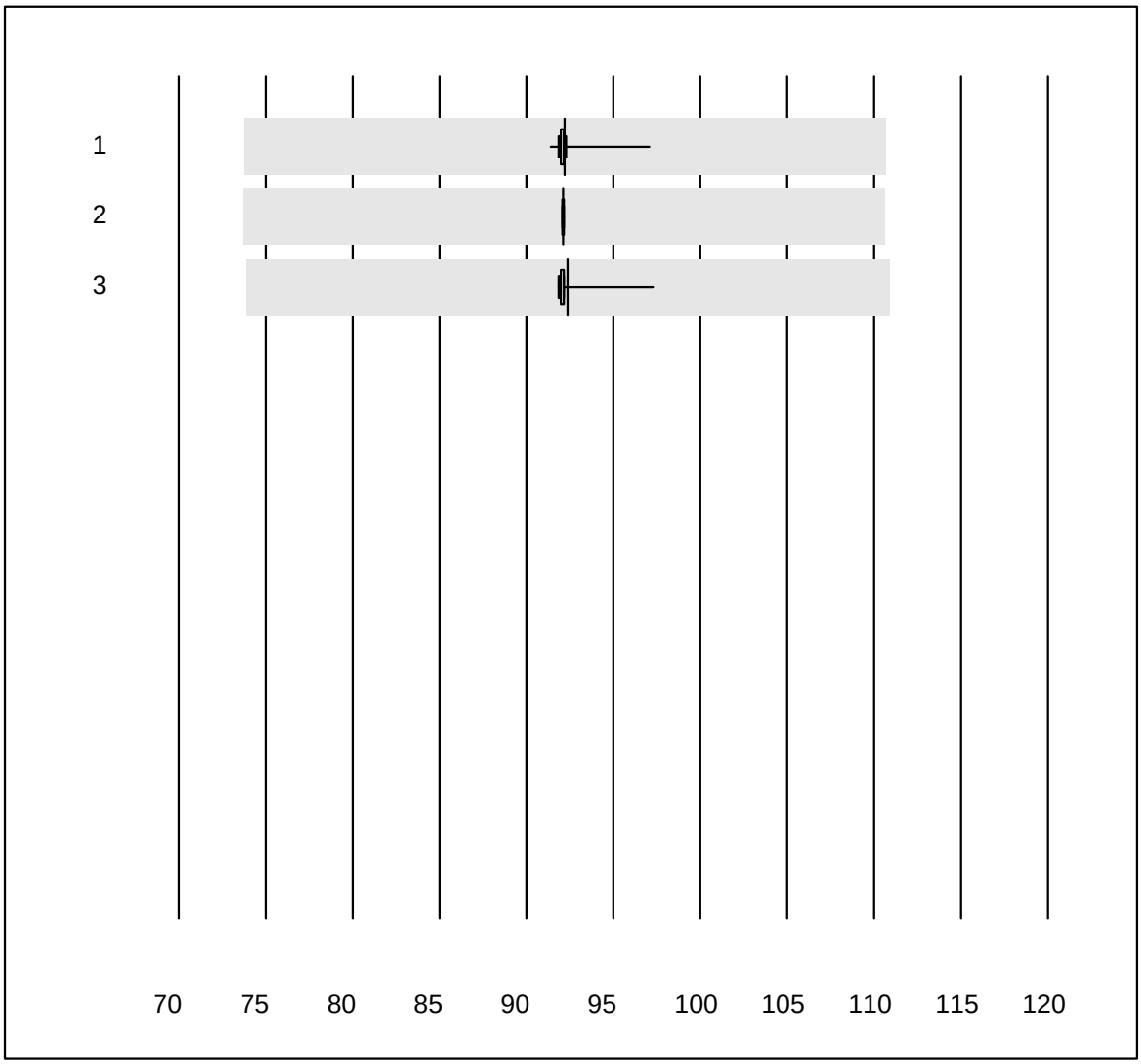
sO2 OR



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	iStat	7	100.0	0.0	0.0	99.000	0.5	e
2	ABL700/800	54	100.0	0.0	0.0	97.082	0.2	e
3	ABL 90	32	100.0	0.0	0.0	96.763	0.9	e
4	ABL 80 / Coox	15	100.0	0.0	0.0	96.959	0.7	e

FO2Hb OR

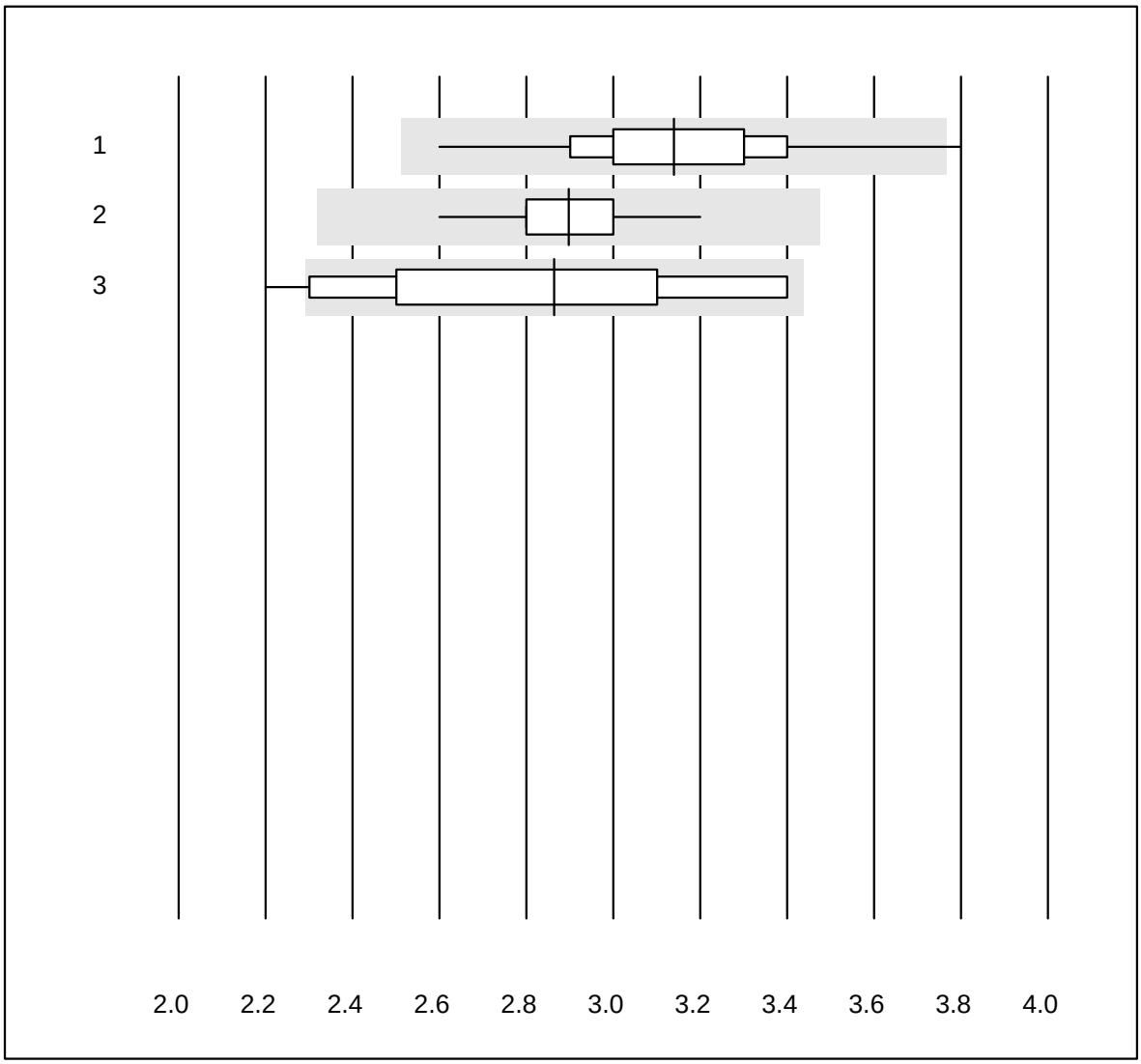


Tolleranza QUALAB : 20 %

FO2Hb OR (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL700/800	50	100.0	0.0	0.0	92.206	0.8	e
2	ABL 90	32	100.0	0.0	0.0	92.150	0.1	e
3	ABL 80 / Coox	16	100.0	0.0	0.0	92.406	1.4	e

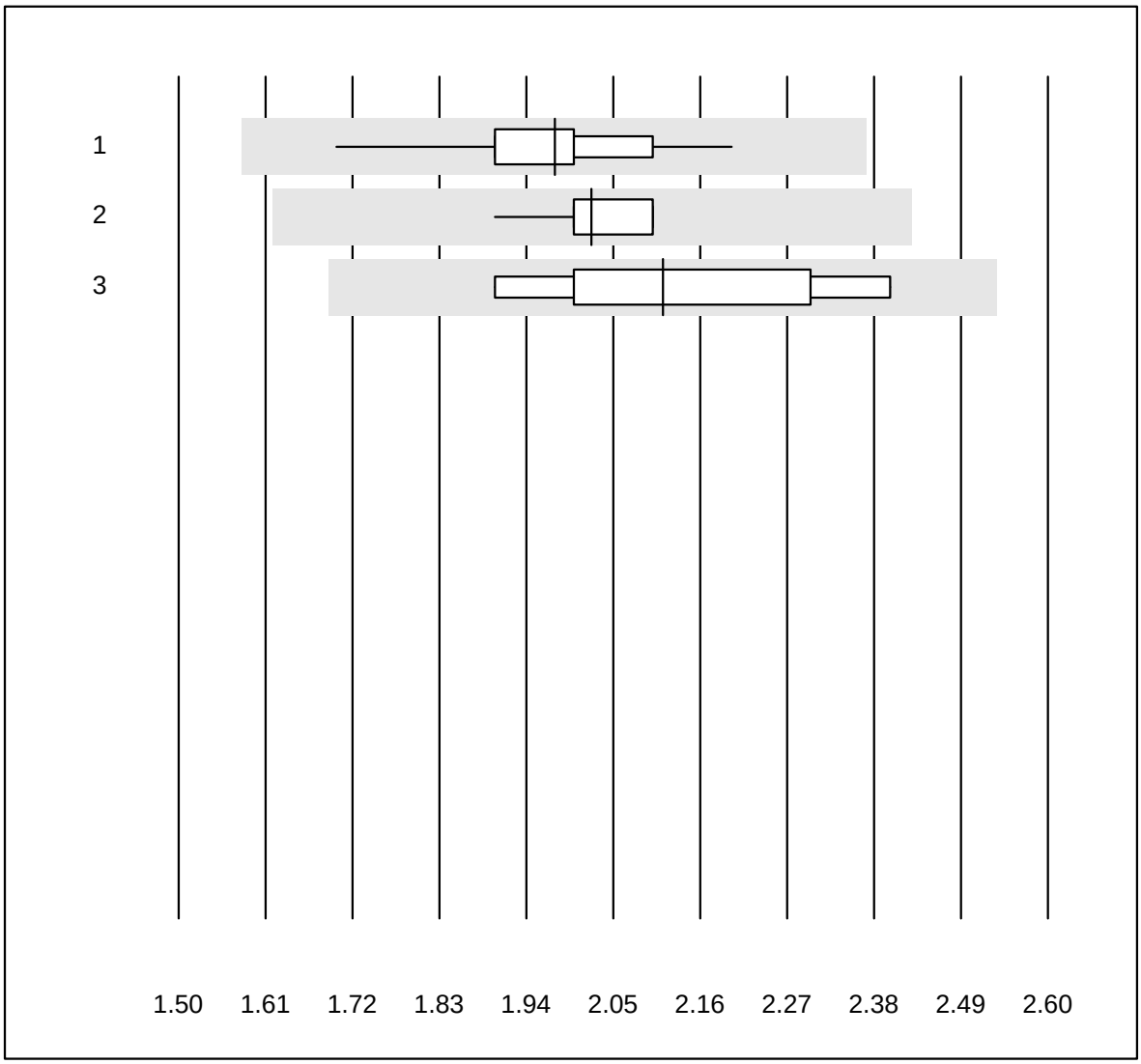
FCOHb OR



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL700/800	52	96.2	1.9	1.9	3.139	7.3	e
2	ABL 90	31	100.0	0.0	0.0	2.897	4.4	e
3	ABL 80 / Coox	16	81.2	6.3	12.5	2.864	13.6	e*

FMetHb OR

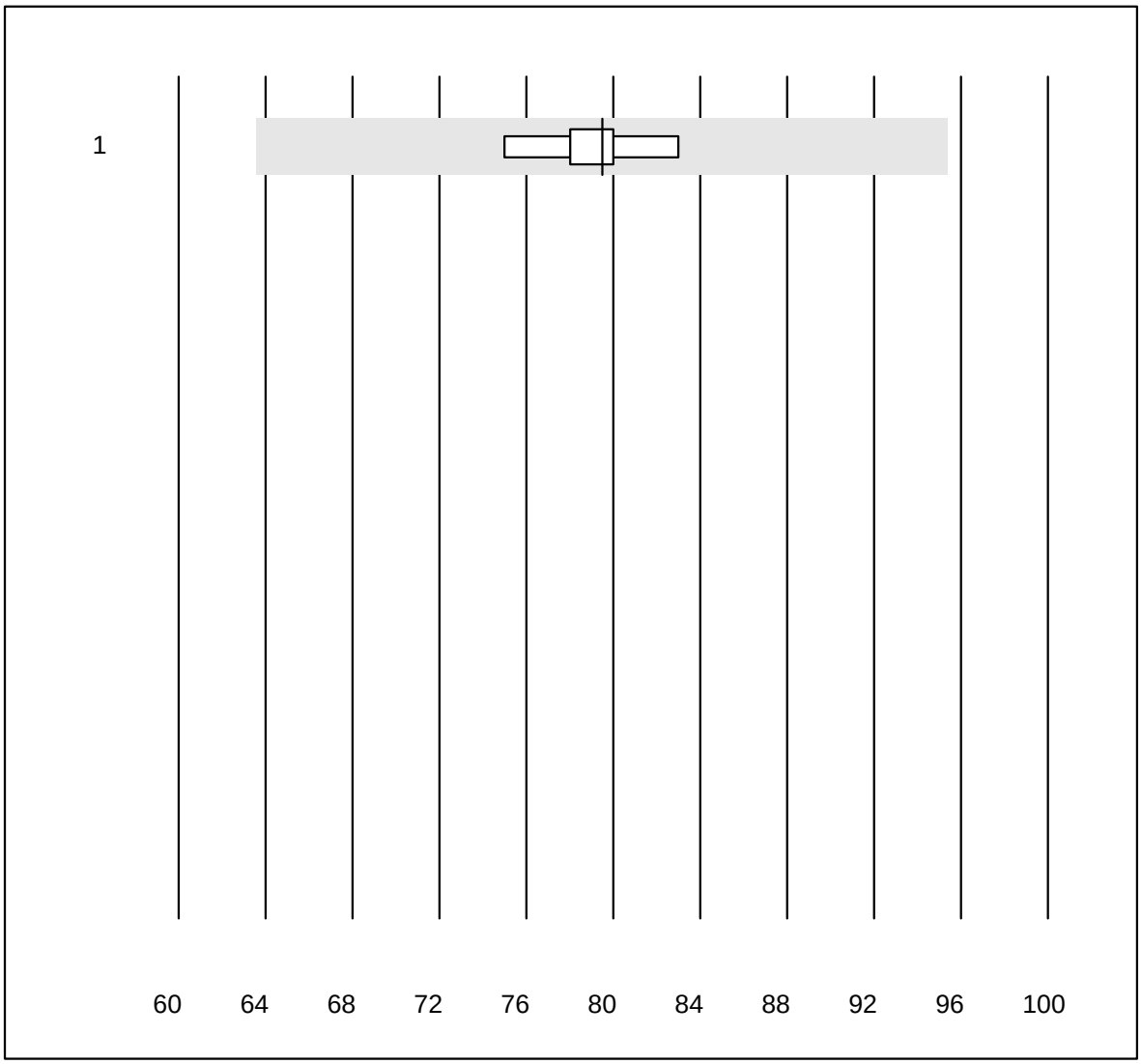


Tolleranza QUALAB : 20 %

FMetHb OR (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL700/800	55	98.2	0.0	1.8	1.976	5.1	e
2	ABL 90	31	100.0	0.0	0.0	2.023	2.8	e
3	ABL 80 / Coox	16	100.0	0.0	0.0	2.113	8.3	e

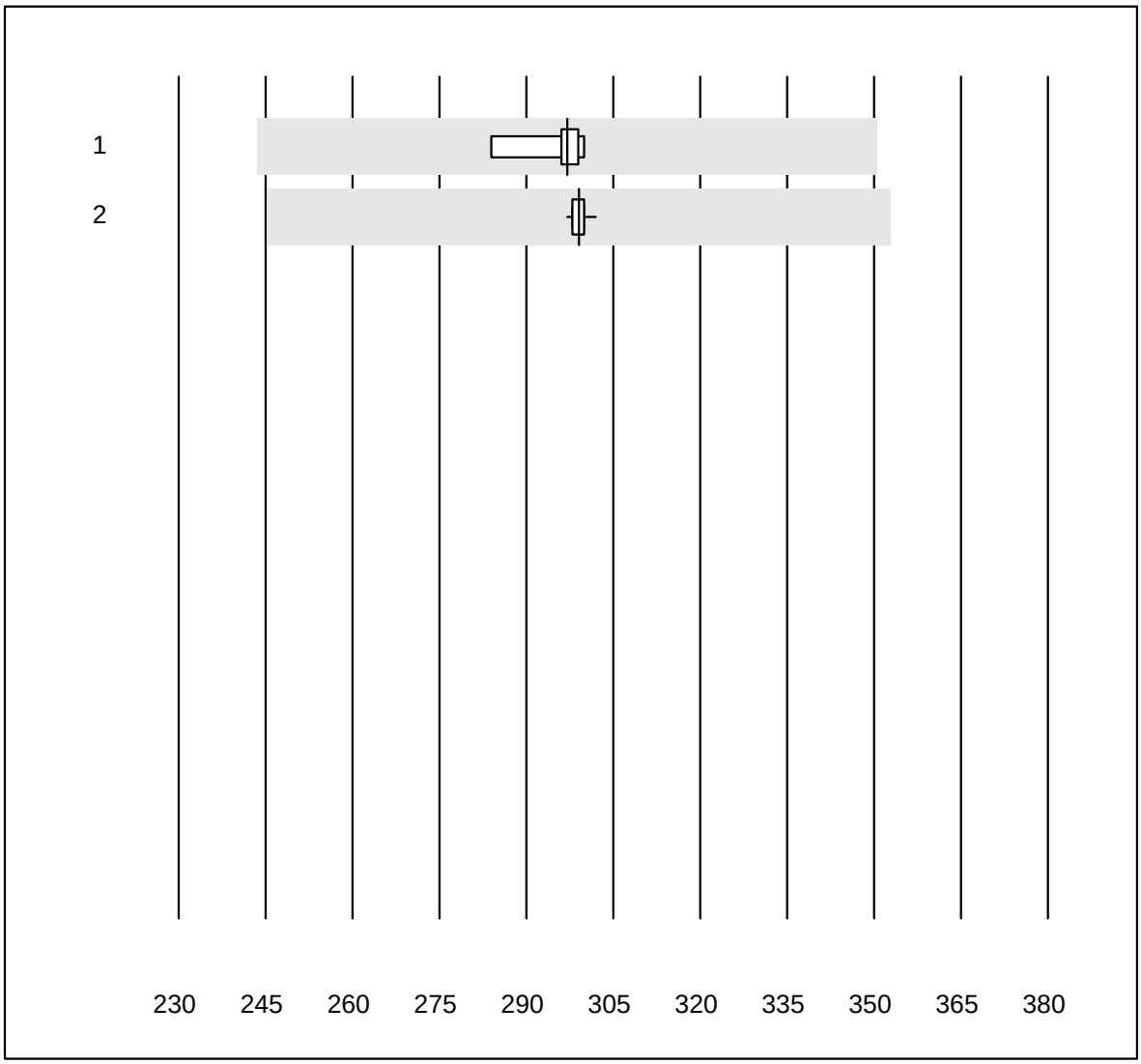
FHbF OR



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL 90	8	100.0	0.0	0.0	79.500	2.9	e

Bilirubin OR

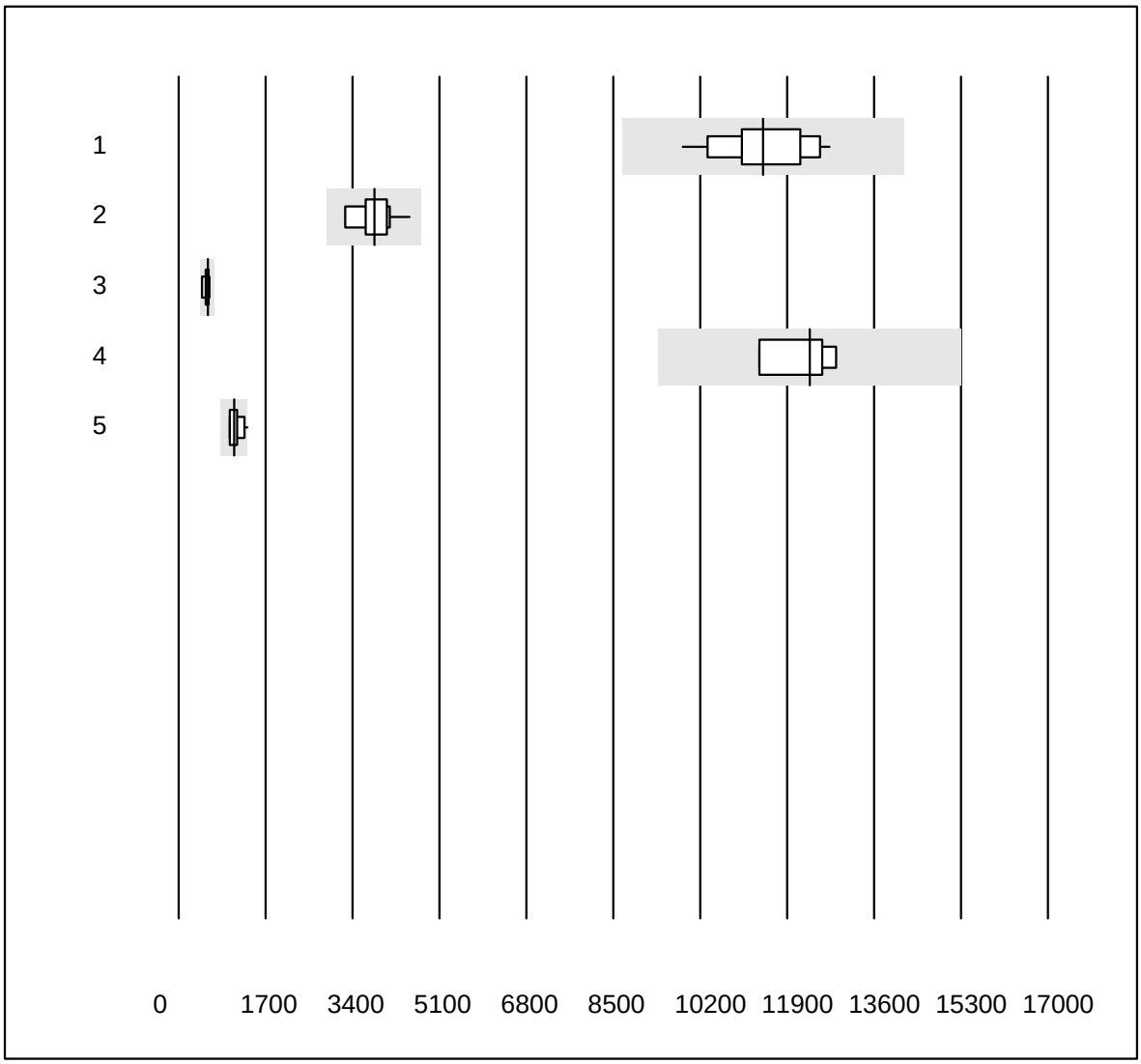


Tolleranza QUALAB : 18 %

Bilirubin OR (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ABL700/800	6	100.0	0.0	0.0	297.0	2.0	e
2	ABL 90	15	100.0	0.0	0.0	299.1	0.4	e

Troponina I

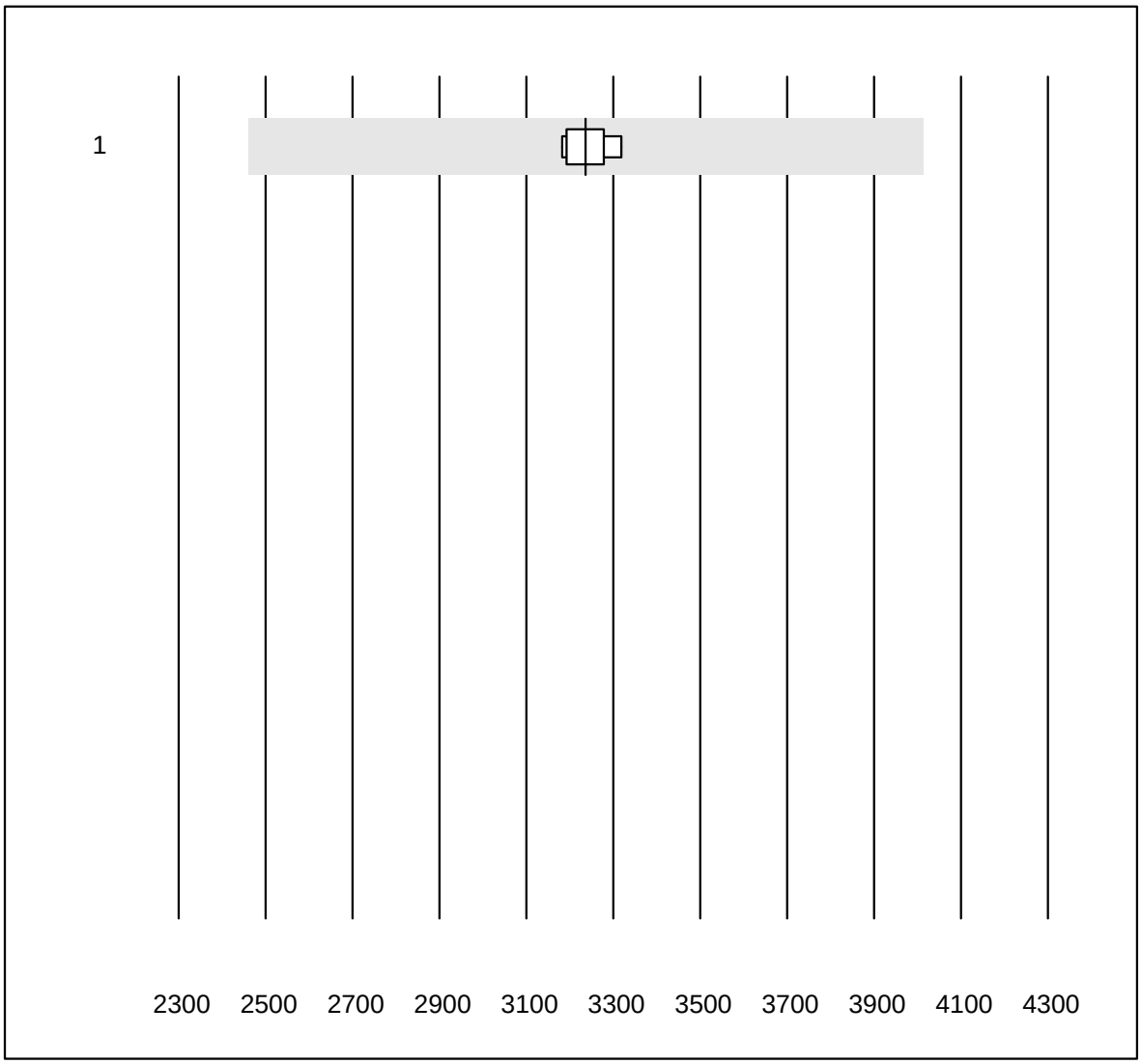


Tolleranza QUALAB : 24 %

Troponina I (ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Vidas	13	100.0	0.0	0.0	11434.9	7.6	e
2	Architect High Sensi	10	100.0	0.0	0.0	3823.6	9.2	e*
3	AQT 90 FLEX	6	100.0	0.0	0.0	565.0	9.1	e*
4	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	12336.5	5.4	e
5	Eurolyser	17	76.5	5.9	17.6	1080.4	11.5	e

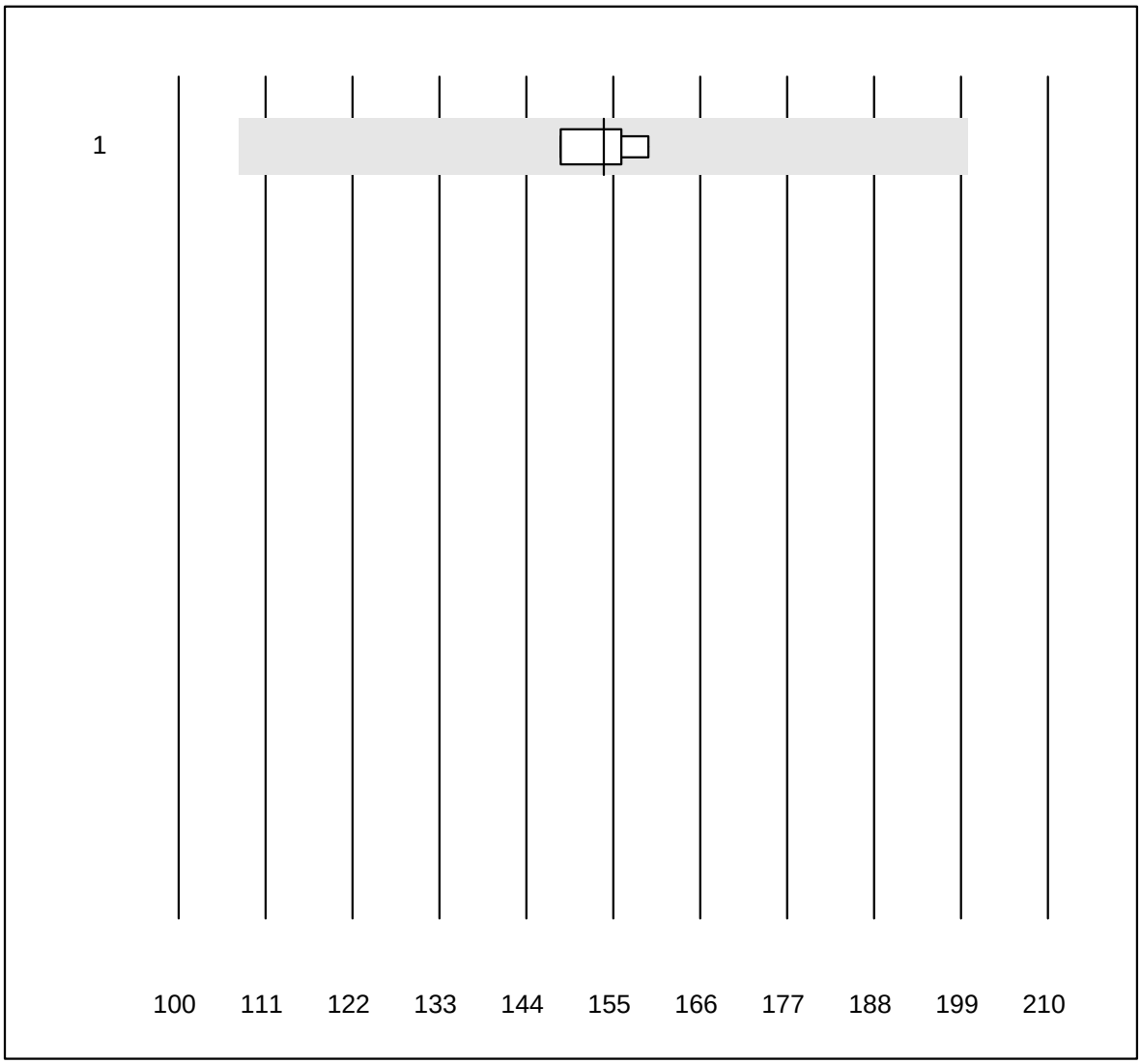
Troponina T



Tolleranza QUALAB : 24 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas hs STAT	7	100.0	0.0	0.0	3236.00	1.6	a

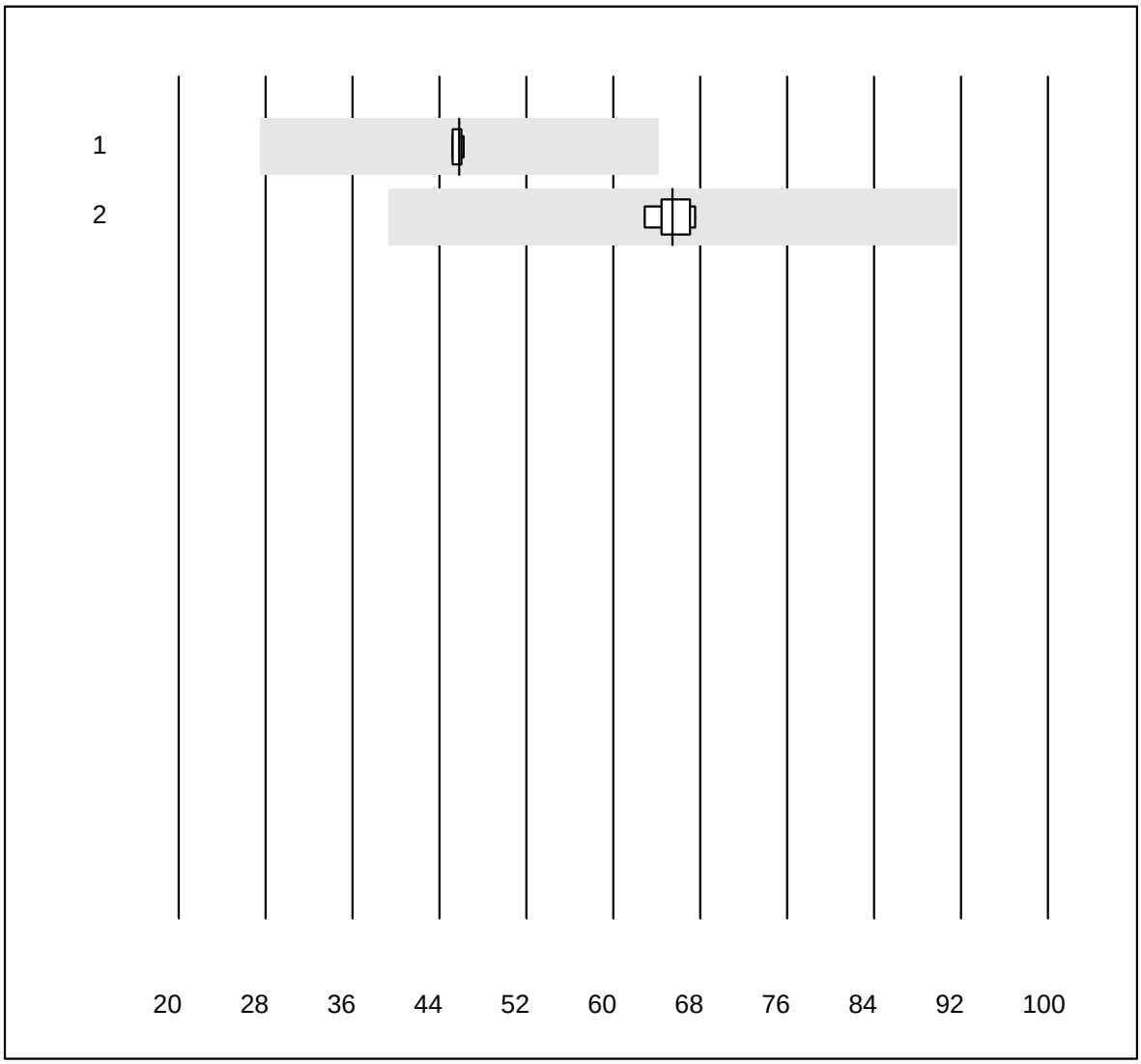
Mioglobina



Tolleranza QUALAB : 30 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	153.8	3.2	e

CK-MB massa

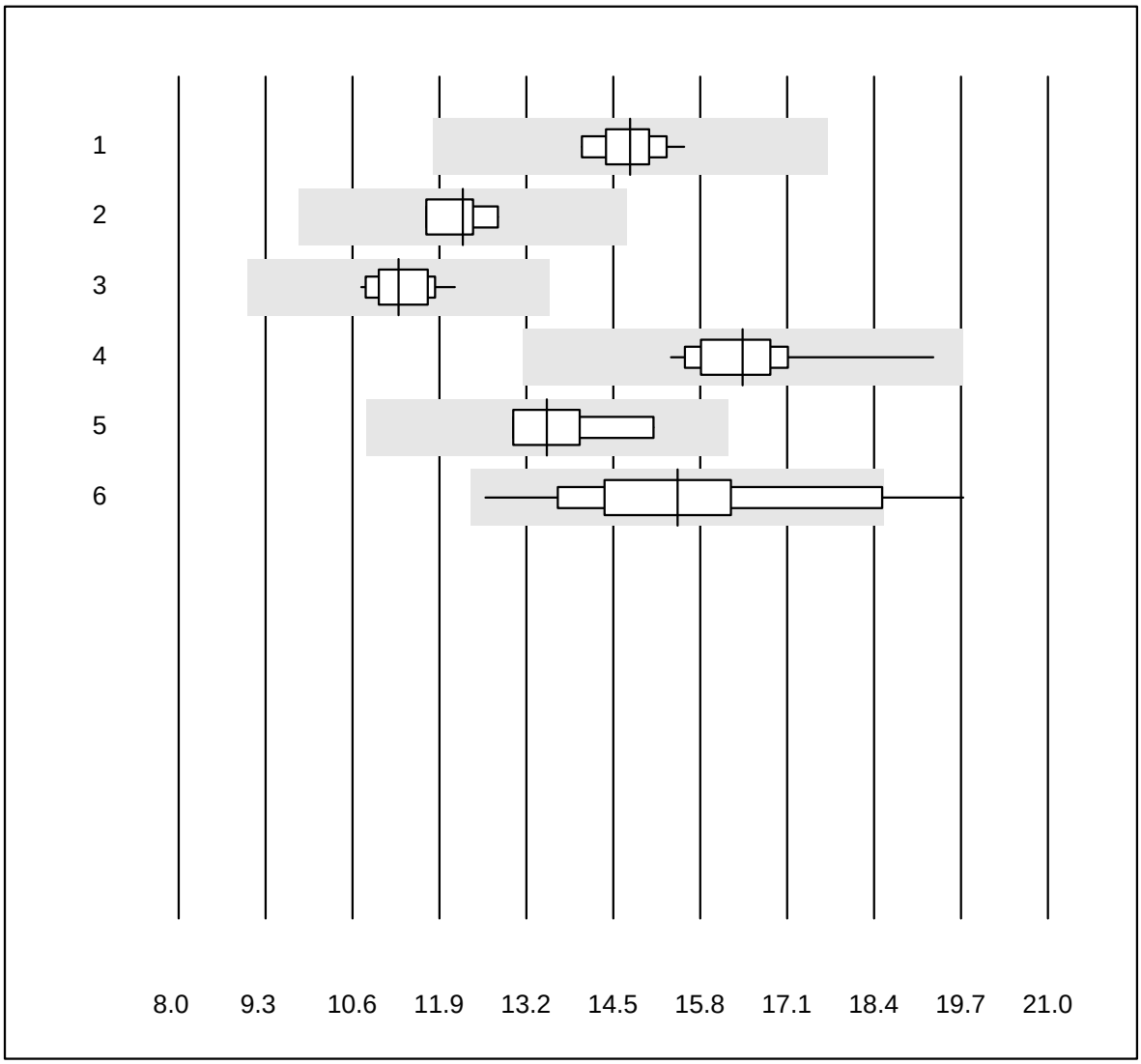


Tolleranza QUALAB : 40 %

CK-MB massa (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	4	100.0	0.0	0.0	45.8	1.0	e
2	VIDAS	6	100.0	0.0	0.0	65.5	2.6	e

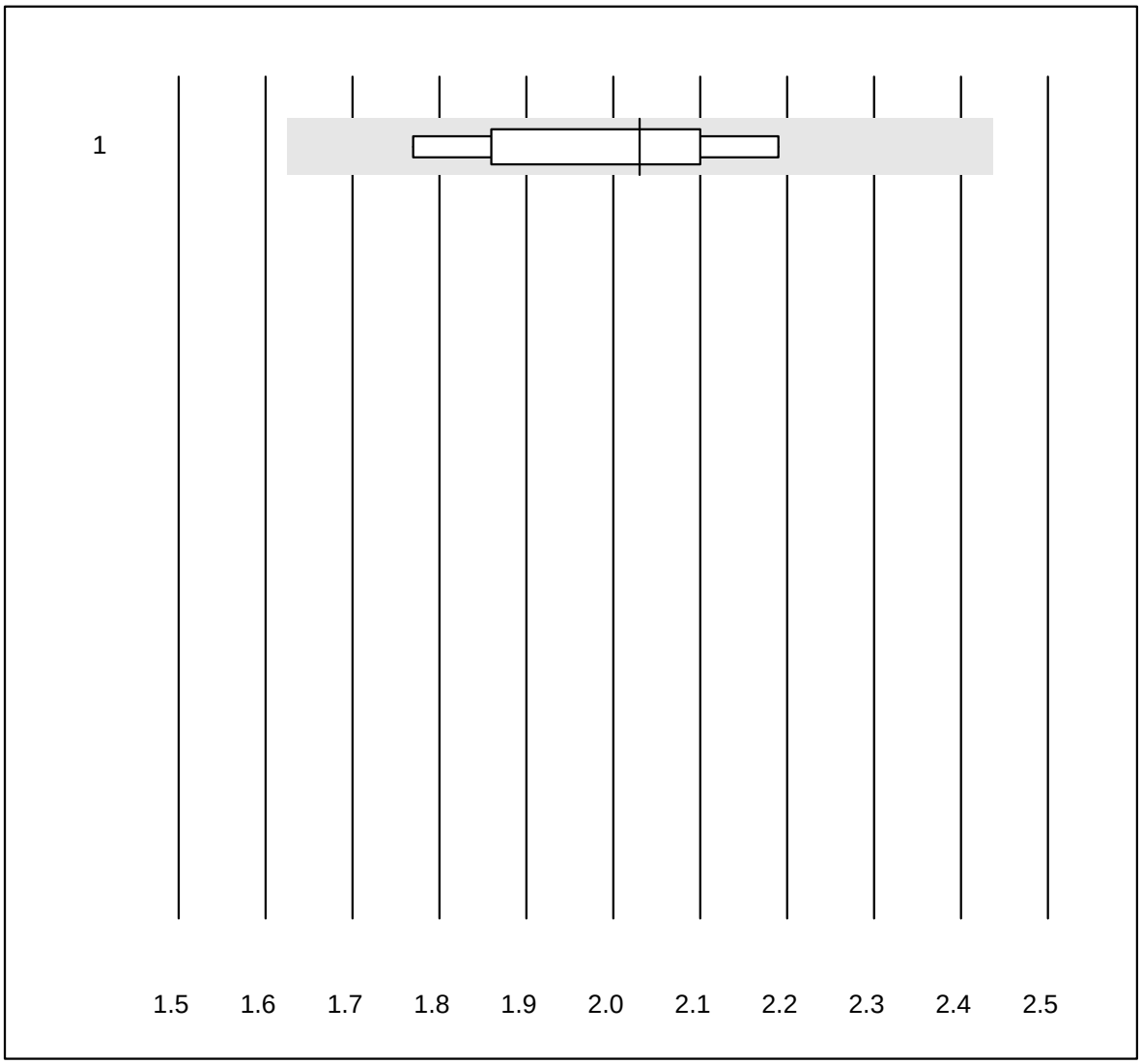
TSH



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	14.75	3.1	e
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	12.25	3.7	e
3	Architect	13	100.0	0.0	0.0	11.29	4.1	e
4	VIDAS	15	100.0	0.0	0.0	16.43	5.8	e
5	Dimension	4	100.0	0.0	0.0	13.51	7.2	e*
6	AFIAS	16	81.2	6.3	12.5	15.46	12.1	e*

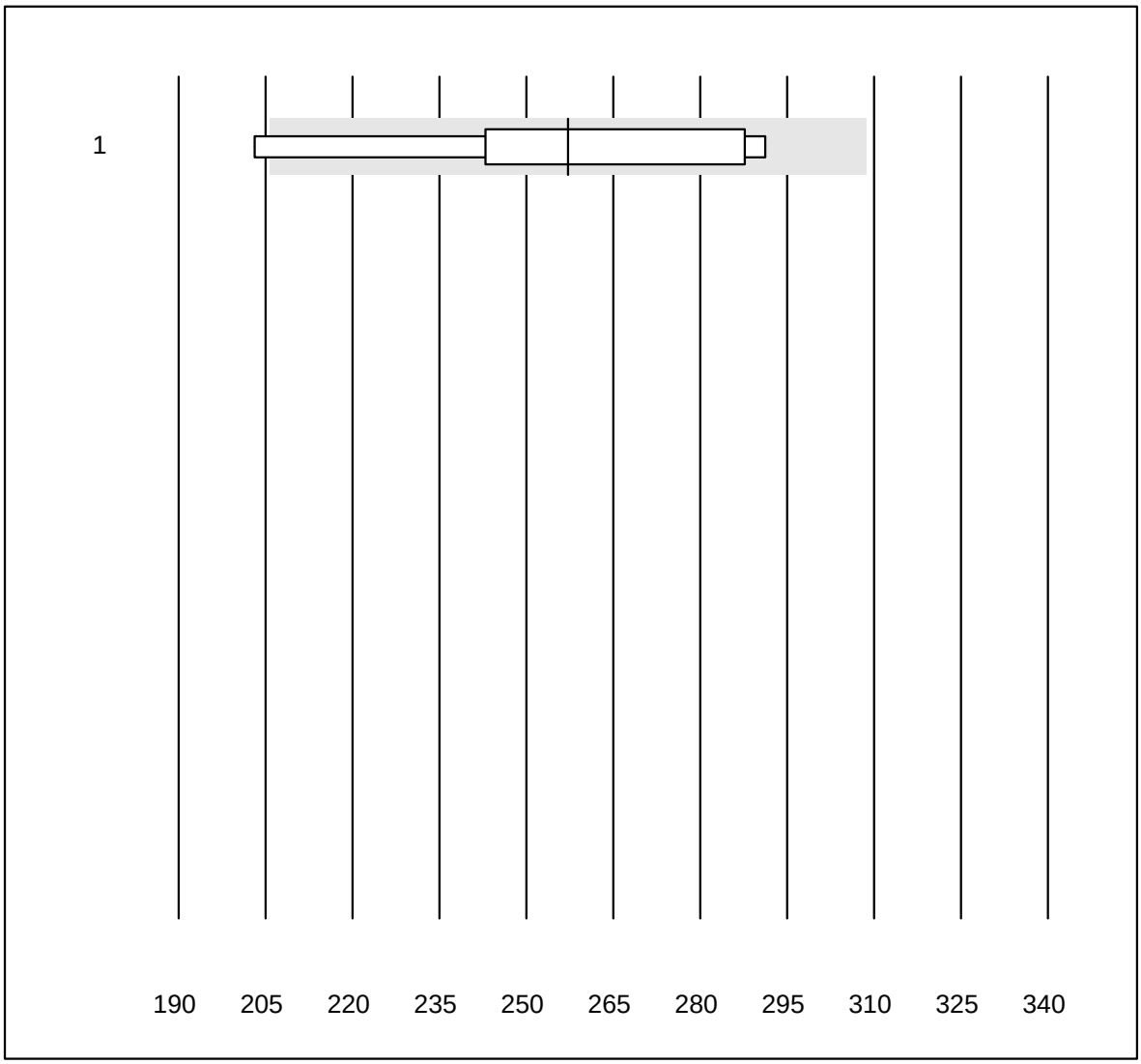
T3



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	AFIAS	6	100.0	0.0	0.0	2.0	7.9	a

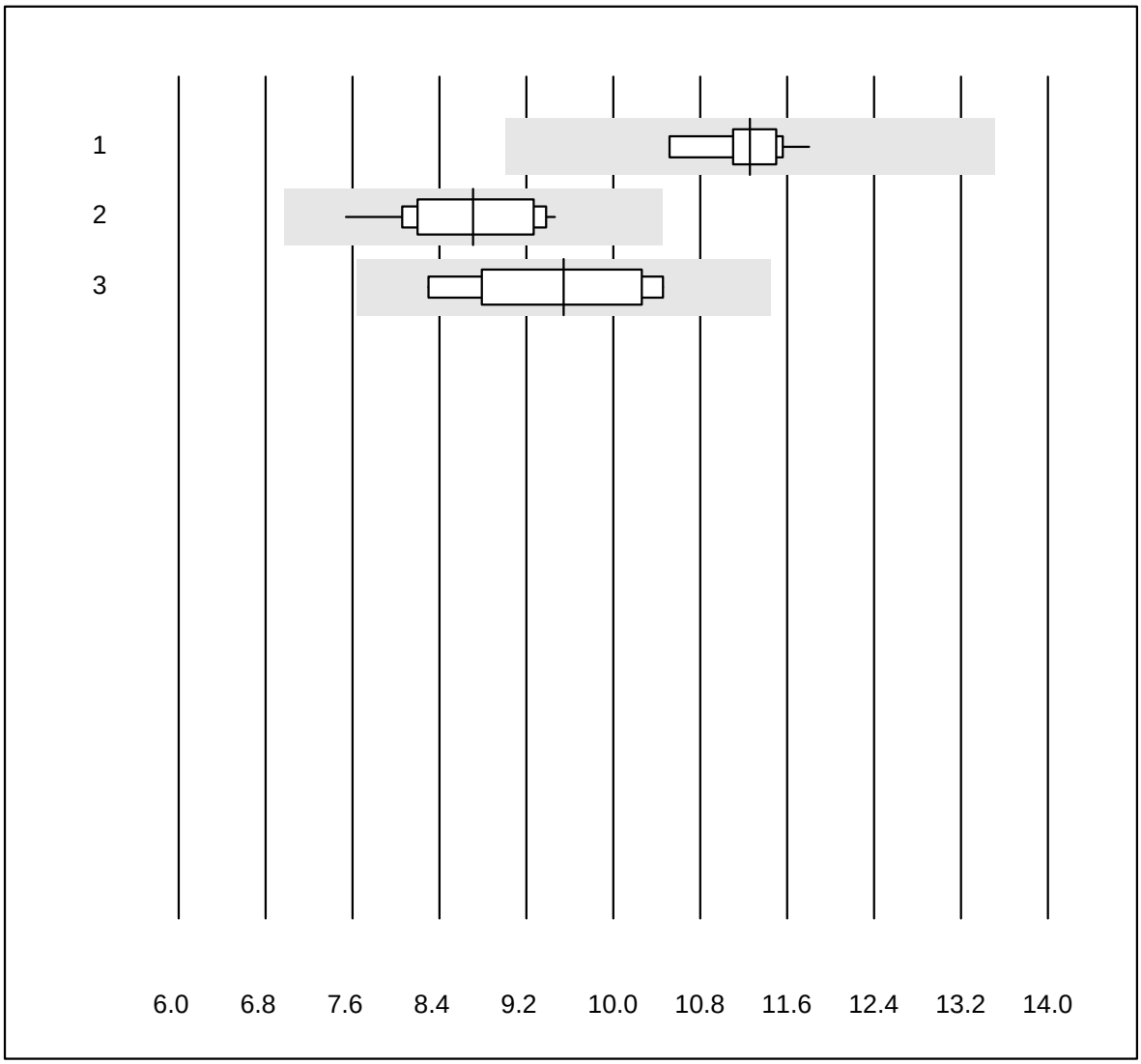
T4



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	AFIAS	6	83.3	16.7	0.0	257	13.0	e*

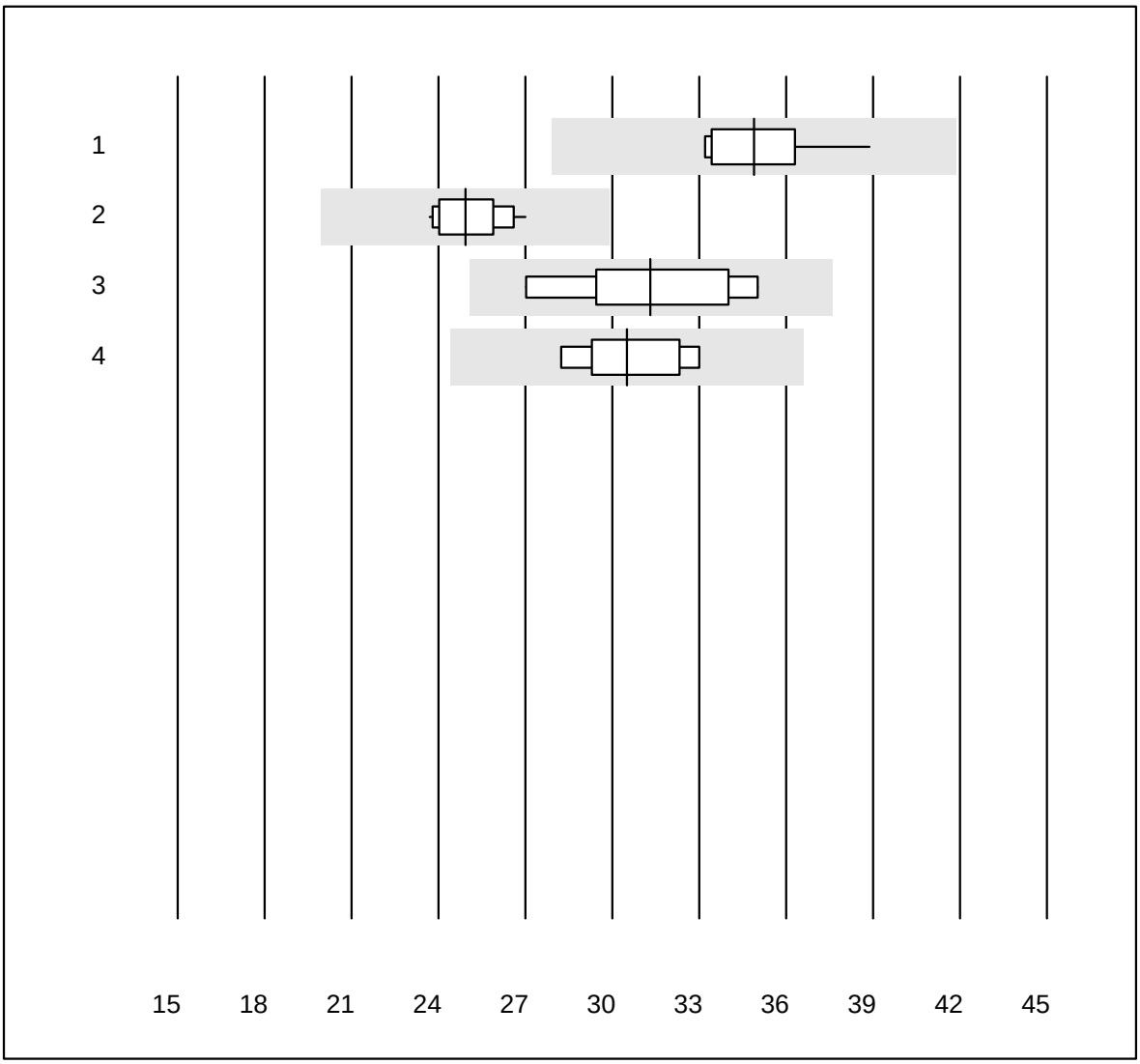
FT3



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	11.3	3.2	e
2	Architect	12	100.0	0.0	0.0	8.7	7.3	e
3	VIDAS	7	100.0	0.0	0.0	9.5	8.4	e*

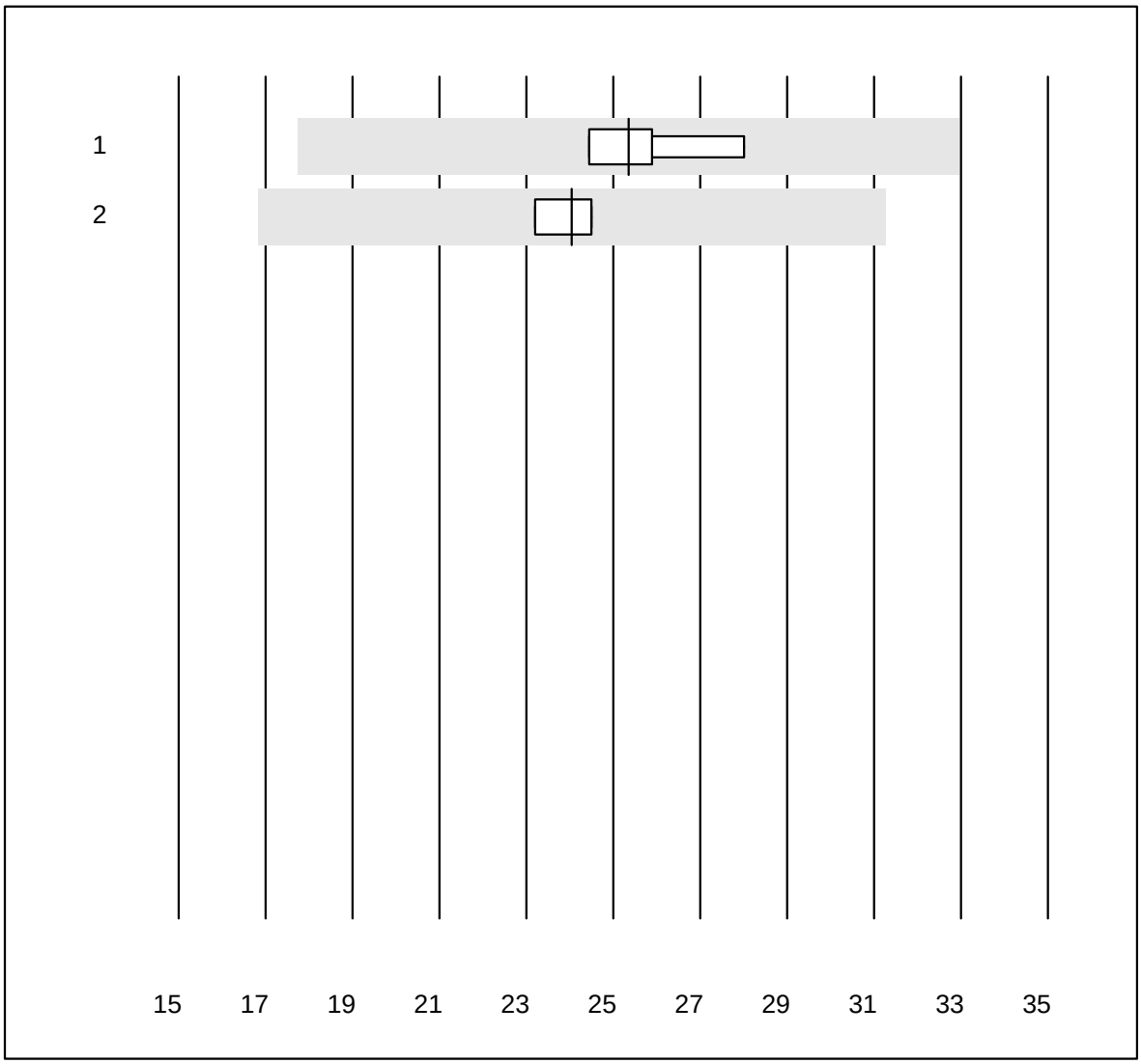
FT4



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	10	100.0	0.0	0.0	34.9	5.2	e
2	Architect	13	100.0	0.0	0.0	24.9	4.6	e
3	VIDAS	7	100.0	0.0	0.0	31.3	8.6	e*
4	altro	5	100.0	0.0	0.0	30.5	6.5	e*

Testosterone

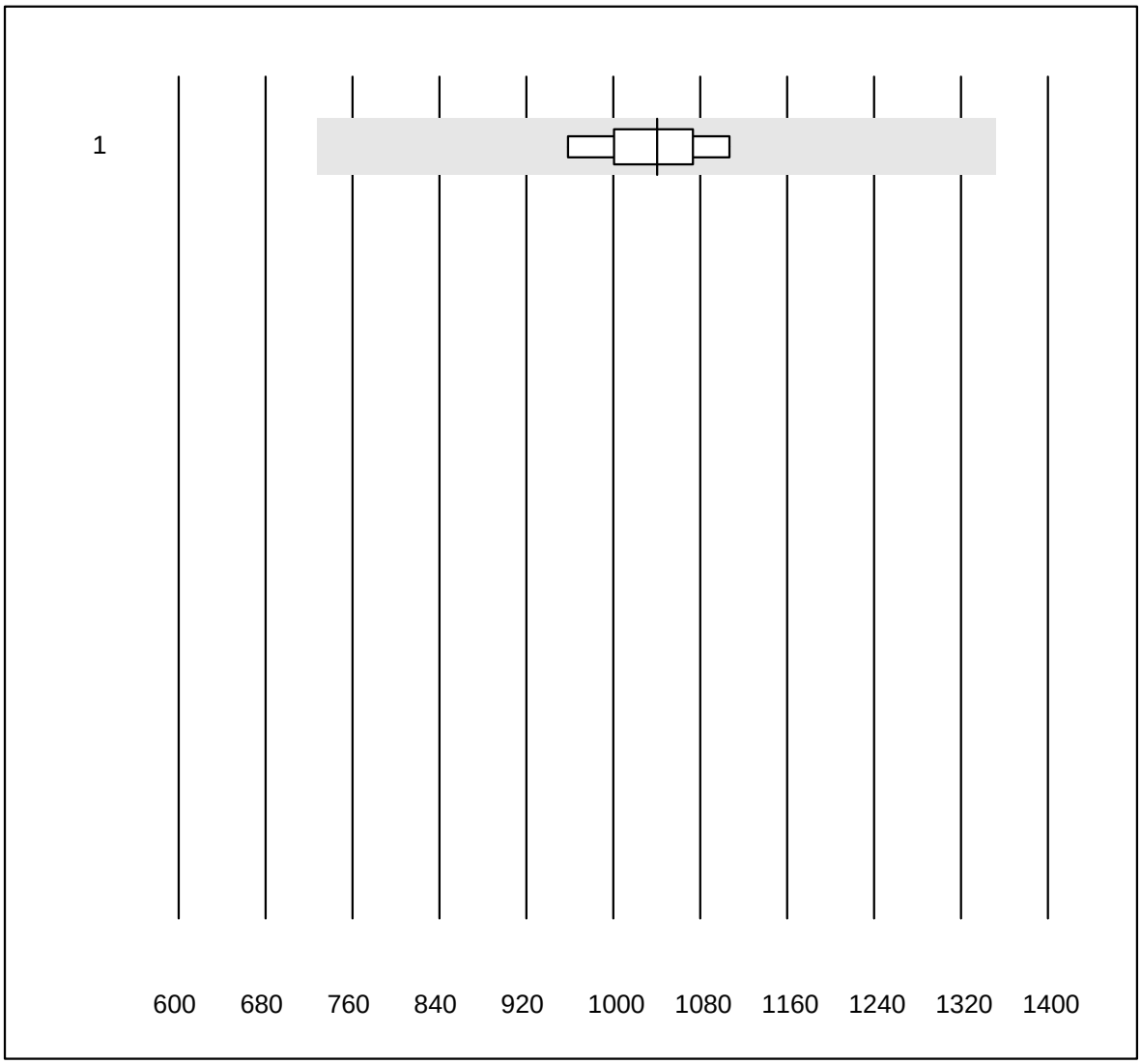


Tolleranza QUALAB : 30 %

Testosterone (nmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	4	100.0	0.0	0.0	25	6.2	e
2	Architect	4	100.0	0.0	0.0	24	2.7	e

Estradiolo

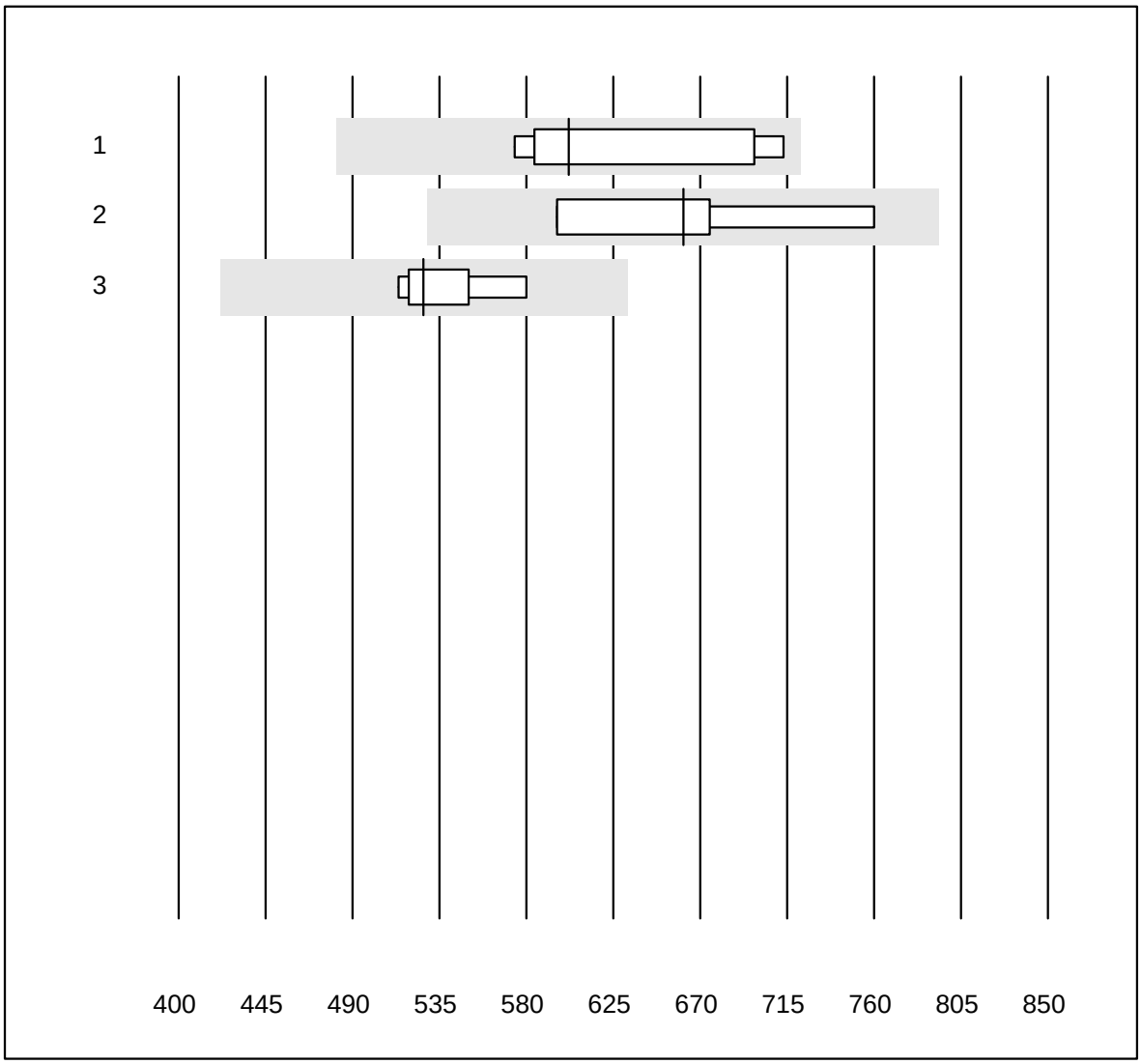


Tolleranza QUALAB : 30 %

Estradiolo (pmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	5	100.0	0.0	0.0	1040	5.7	e

Cortisol

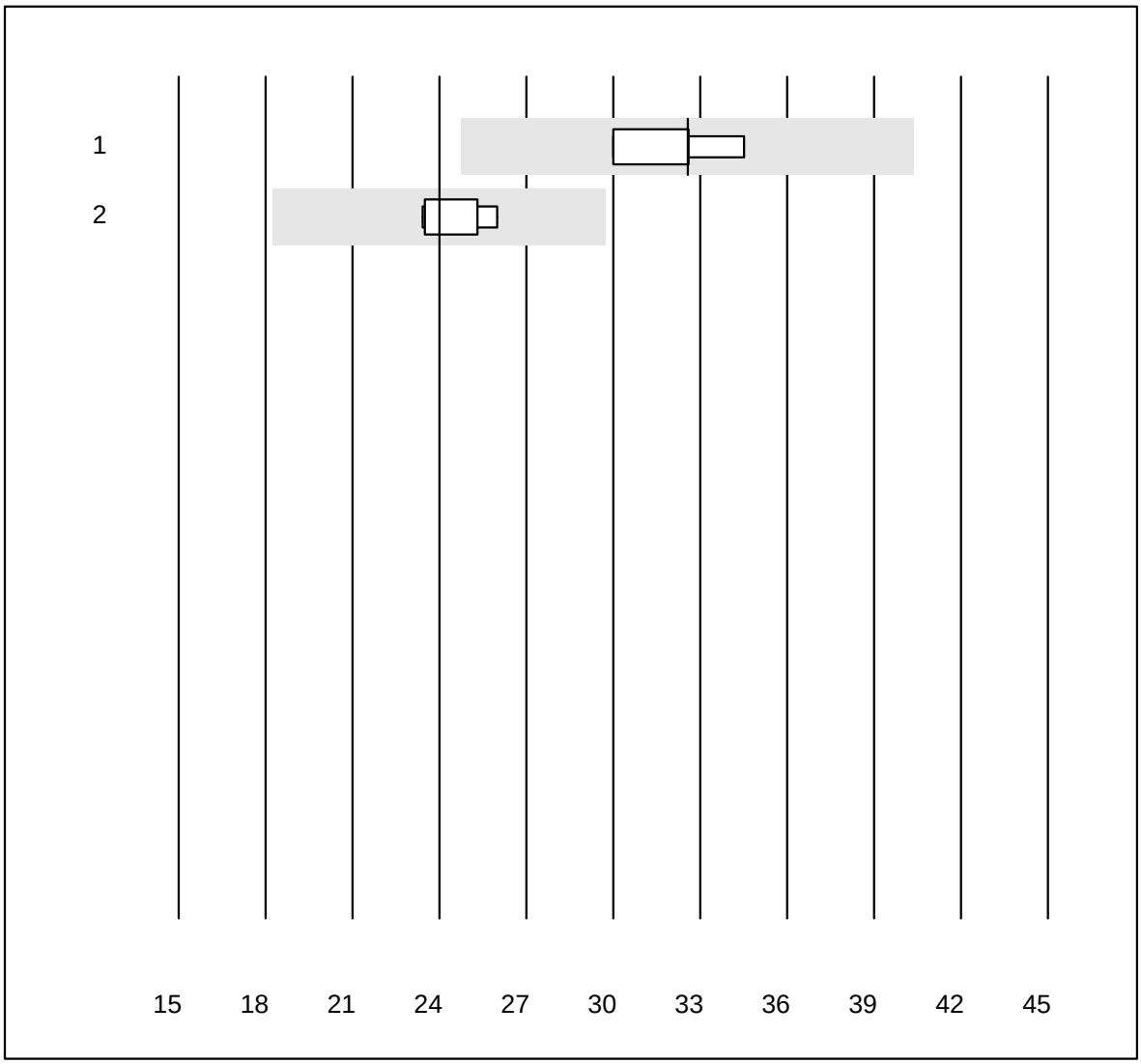


Tolleranza QUALAB : 20 %

Cortisol (nmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	7	100.0	0.0	0.0	602	9.2	e*
2	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	661	10.2	e*
3	Architect	6	100.0	0.0	0.0	527	4.6	e

Luteinisierendes Hormon

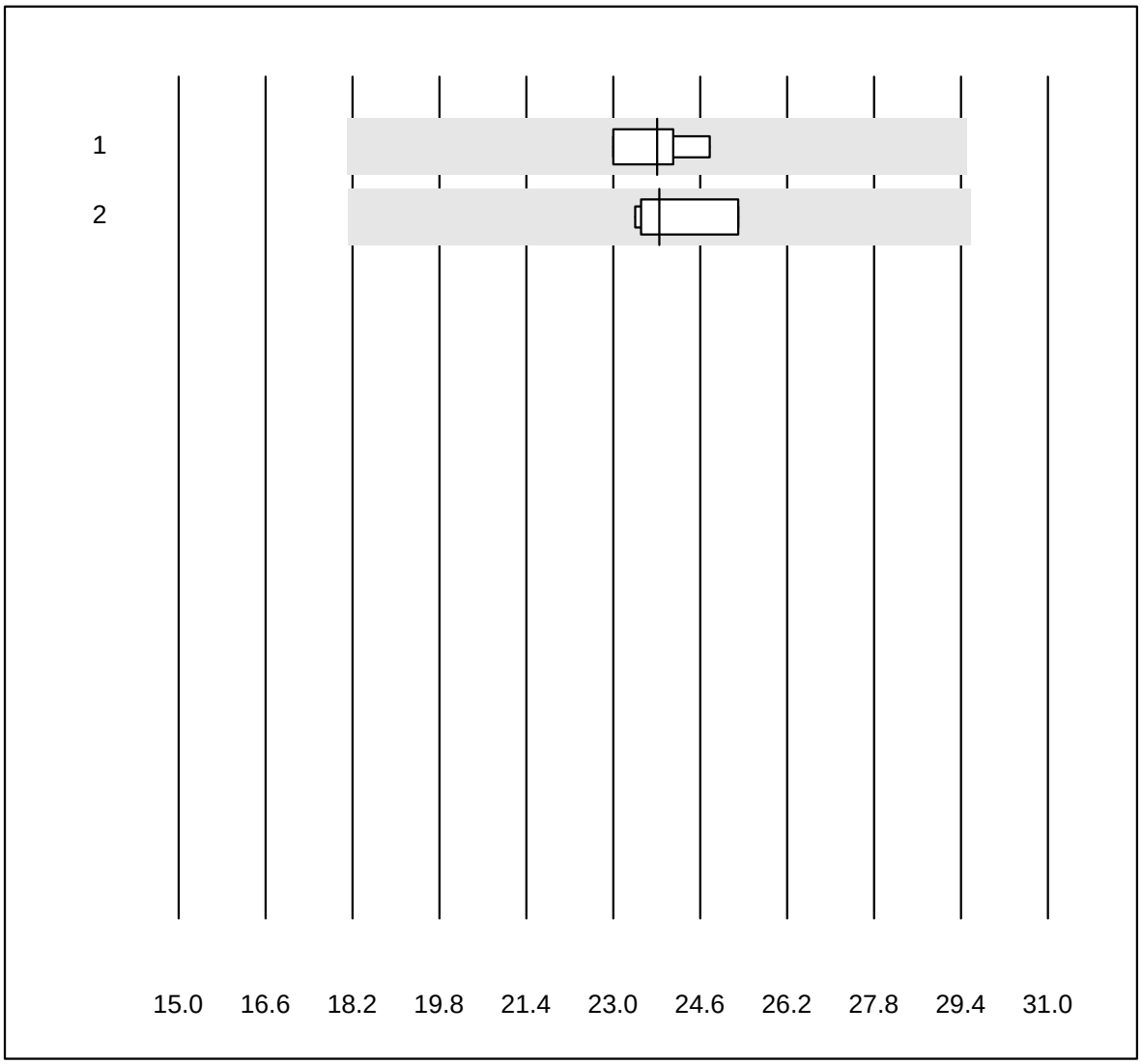


Tolleranza QUALAB : 24 %

Luteinisierendes Hormon (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Roche, Cobas	4	100.0	0.0	0.0	32.6	5.7	e
2	Architect	6	100.0	0.0	0.0	24.0	4.4	e

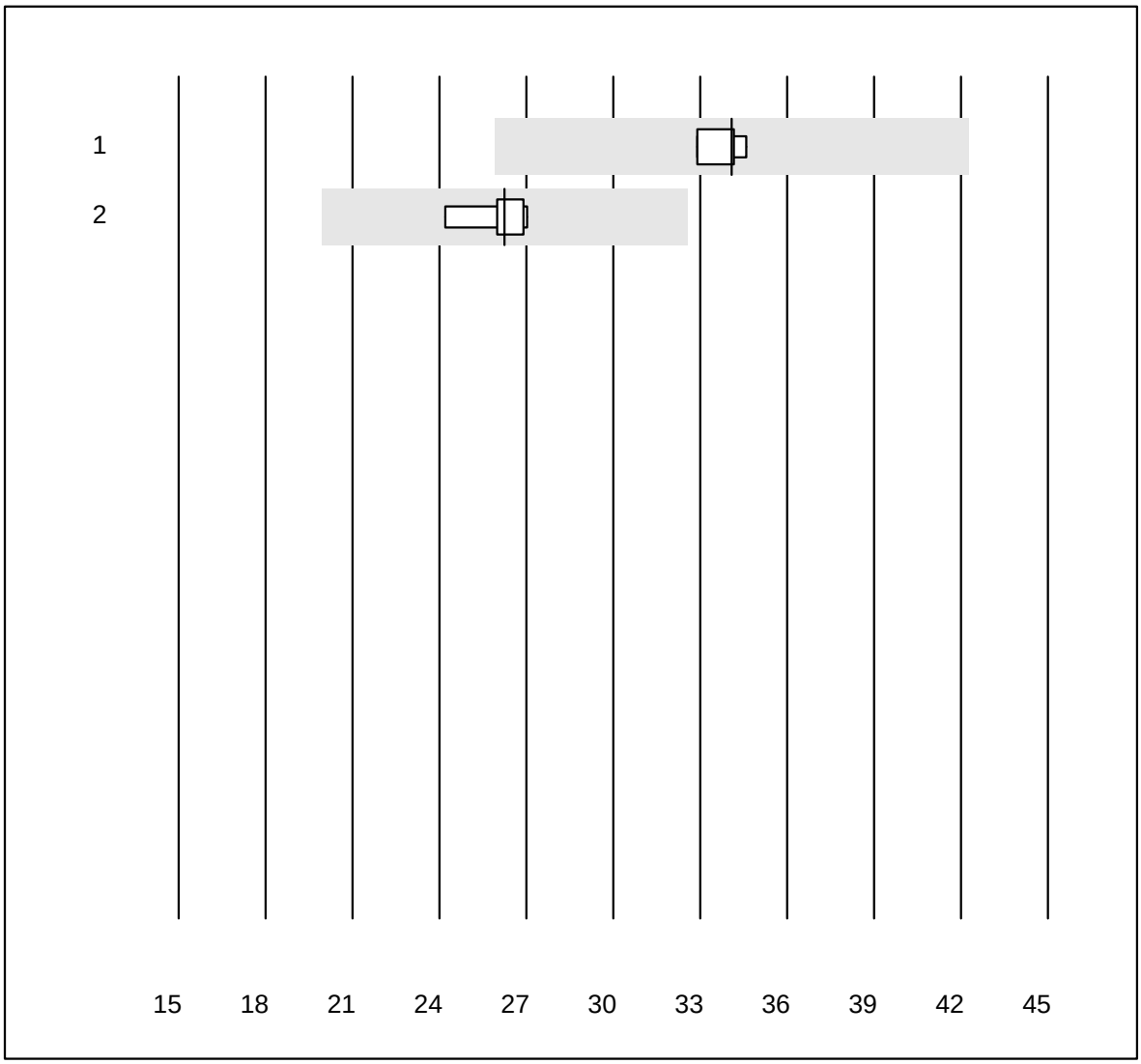
Follikelstimulierendes Hormon



Tolleranza QUALAB : 24 % Follikelstimulierendes Hormon (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Roche, Cobas	4	100.0	0.0	0.0	23.8	3.2	e
2	Architect	6	100.0	0.0	0.0	23.9	3.6	e

Prolaktin (PRL)

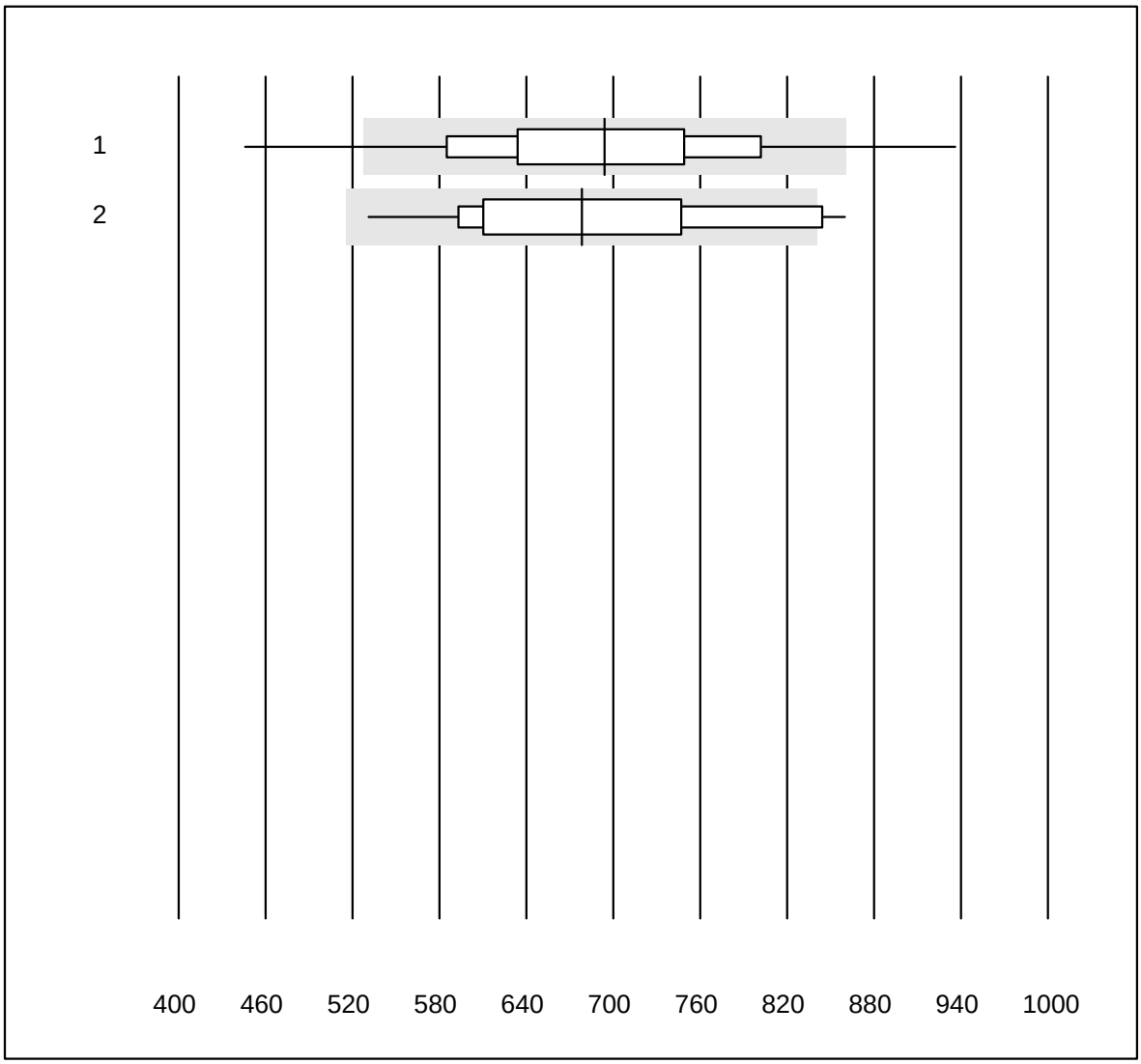


Tolleranza QUALAB : 24 %

Prolaktin (PRL) (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas/Roche	4	100.0	0.0	0.0	34.1	2.1	e
2	Architect	6	100.0	0.0	0.0	26.3	3.9	e

Troponina T CR

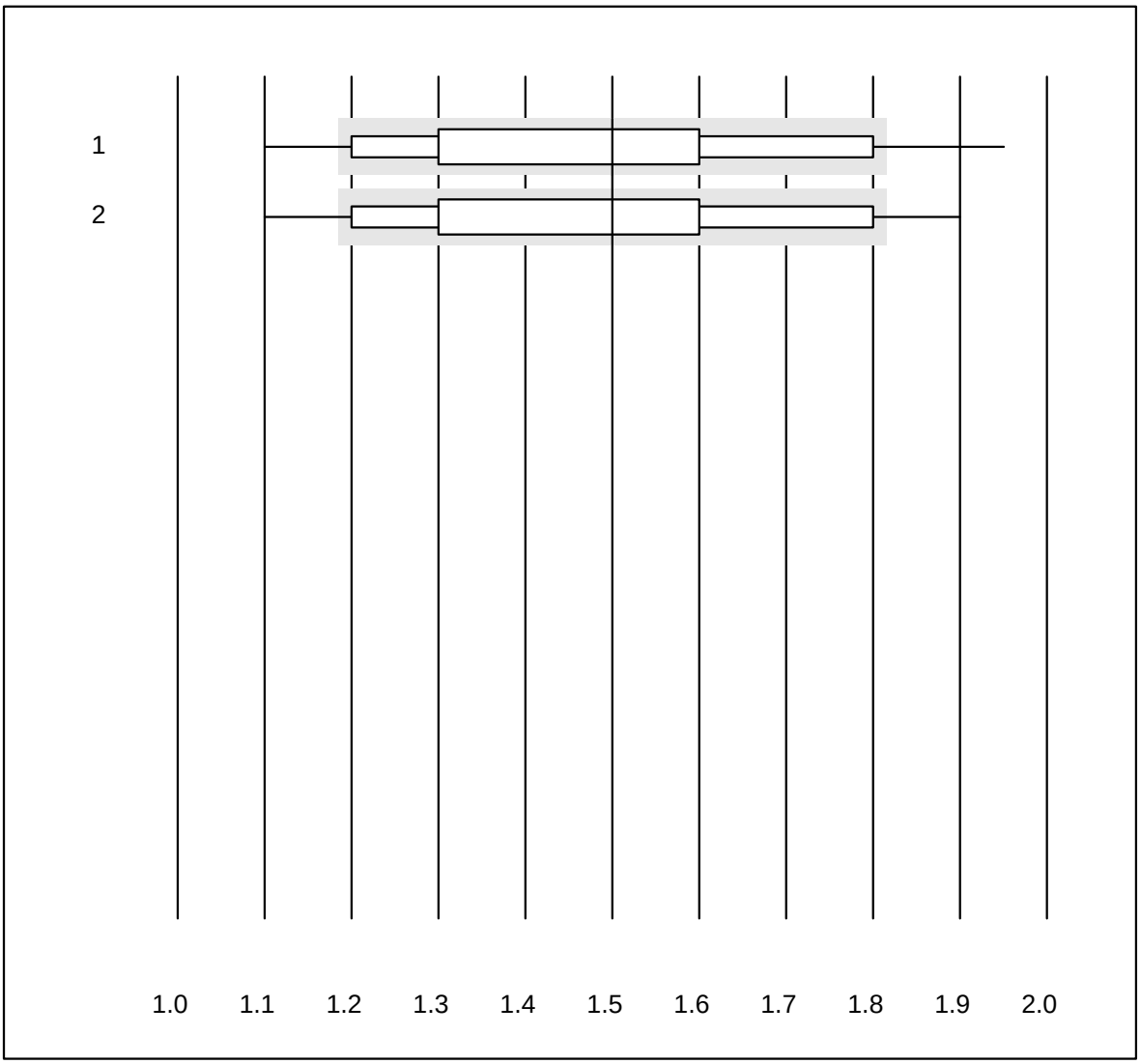


Tolleranza QUALAB : 24 %

Troponina T CR (ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas h 232	1008	91.9	6.1	2.0	693.86	12.4	e
2	Cardiac Reader	15	86.7	13.3	0.0	678.13	13.8	e*

D-Dimeri CR

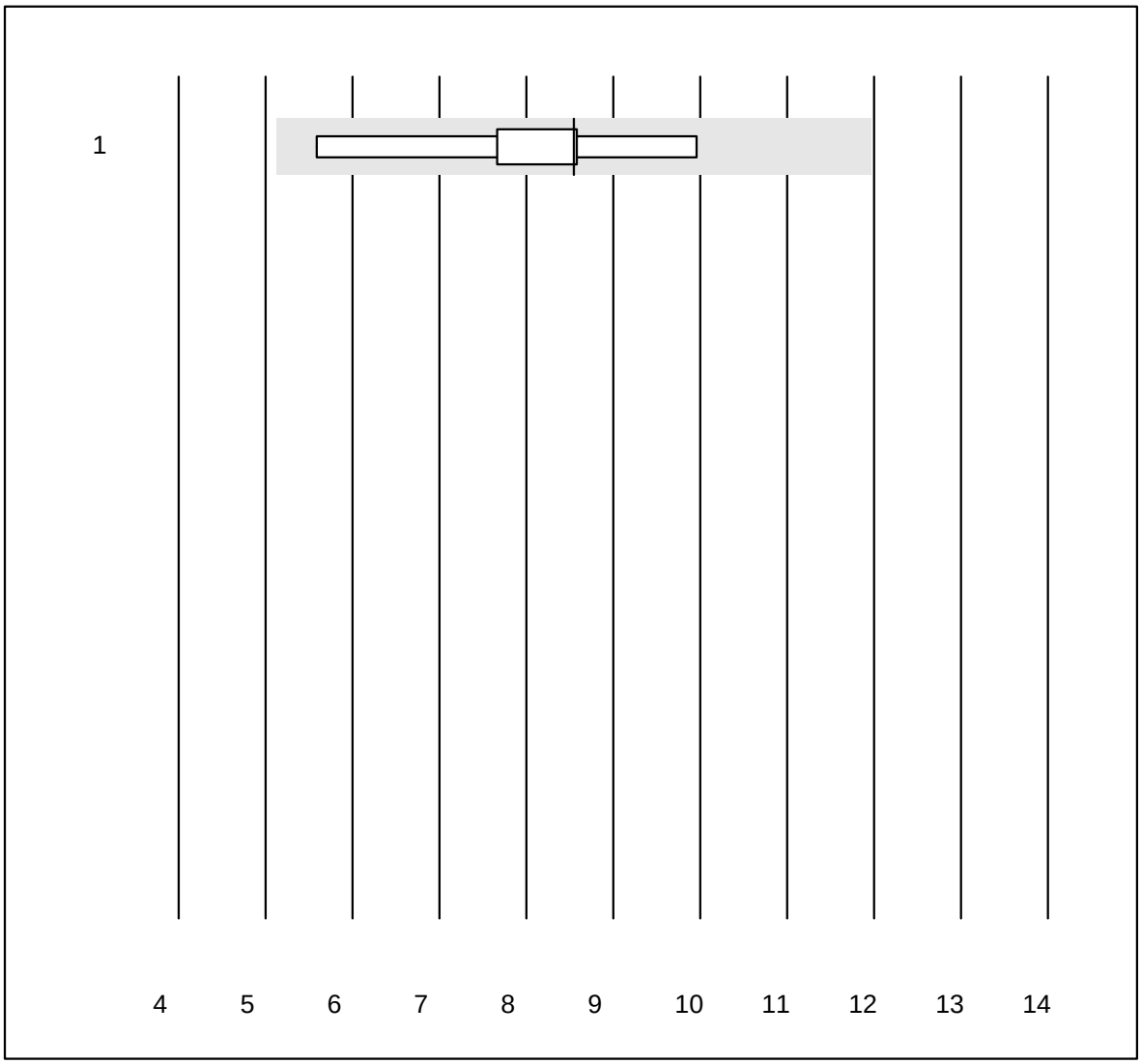


Tolleranza QUALAB : 21 %

D-Dimeri CR (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas h 232	1027	77.7	9.0	13.3	1.50	14.3	e
2	Cardiac Reader	13	69.2	15.4	15.4	1.50	16.8	e*

CKMB - K8

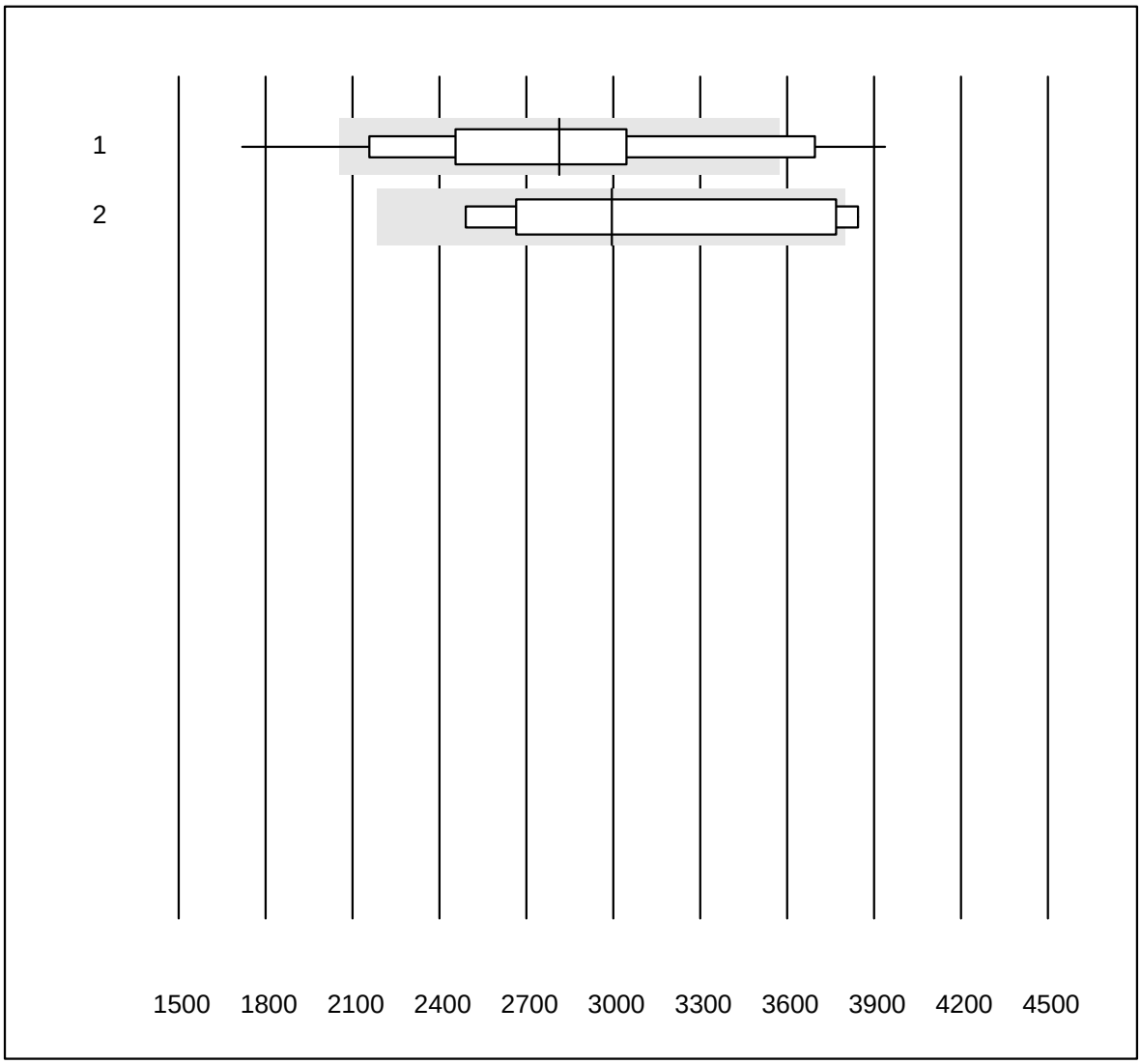


Tolleranza QUALAB : 40 %

CKMB - K8 (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas h 232	9	100.0	0.0	0.0	8.6	16.3	e*

proBNP CR

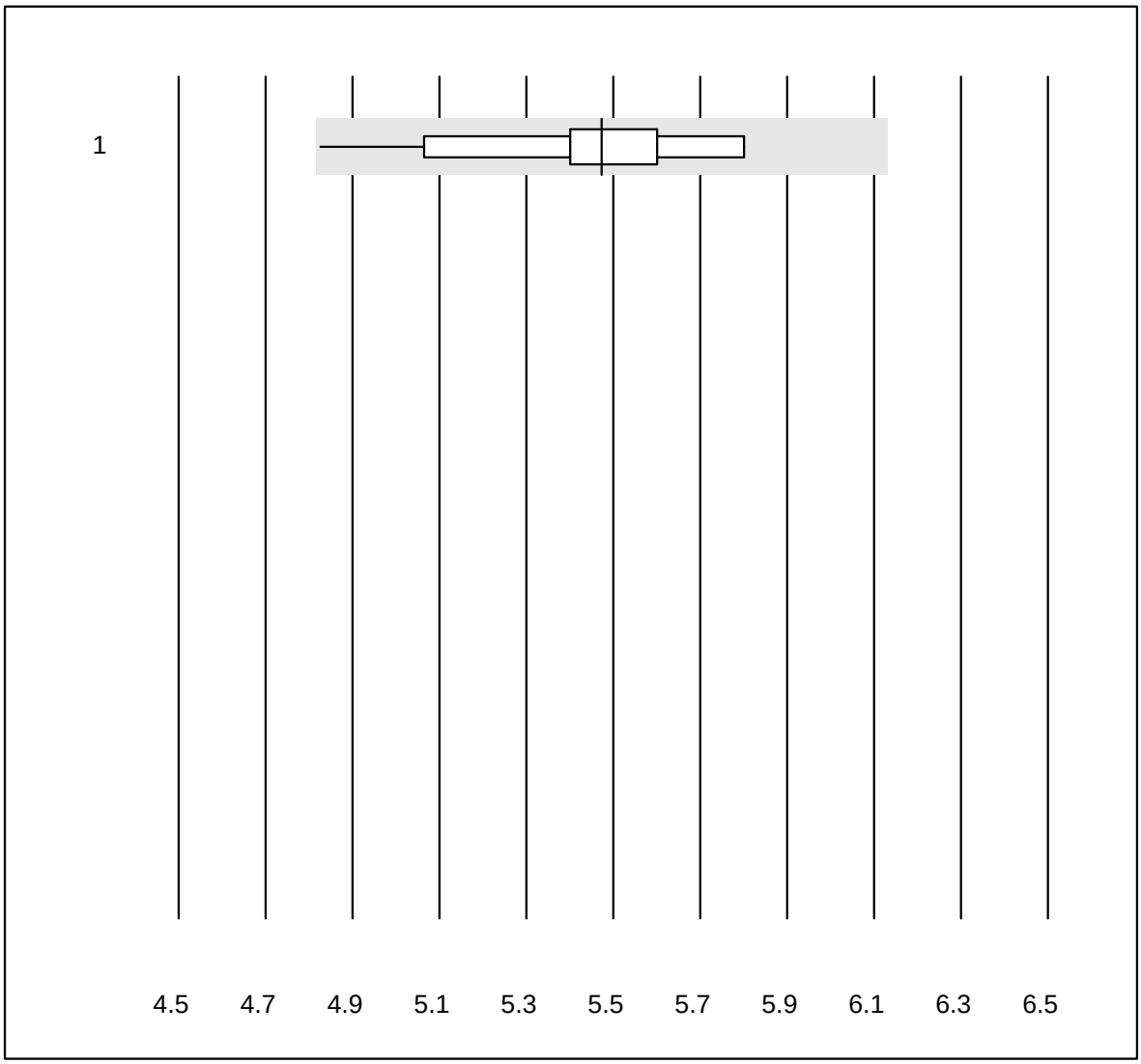


Tolleranza QUALAB : 27 %

proBNP CR (ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas h 232	628	67.3	19.3	13.4	2814	19.4	e
2	Cardiac Reader	5	80.0	20.0	0.0	2994	19.8	e*

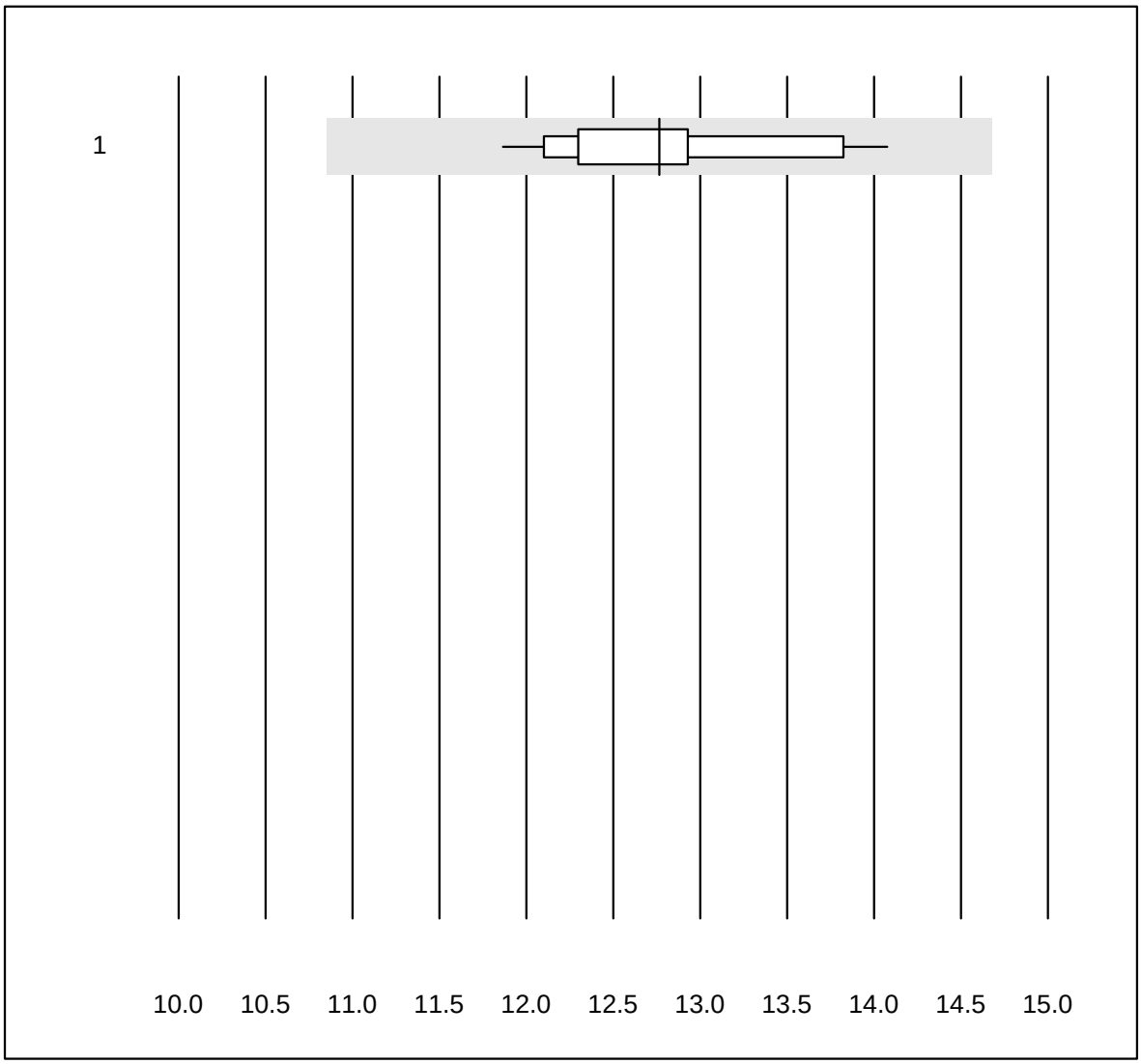
PCO2 CCA



Tolleranza QUALAB : 12 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	5.47	5.4	e*

PO2 CCA

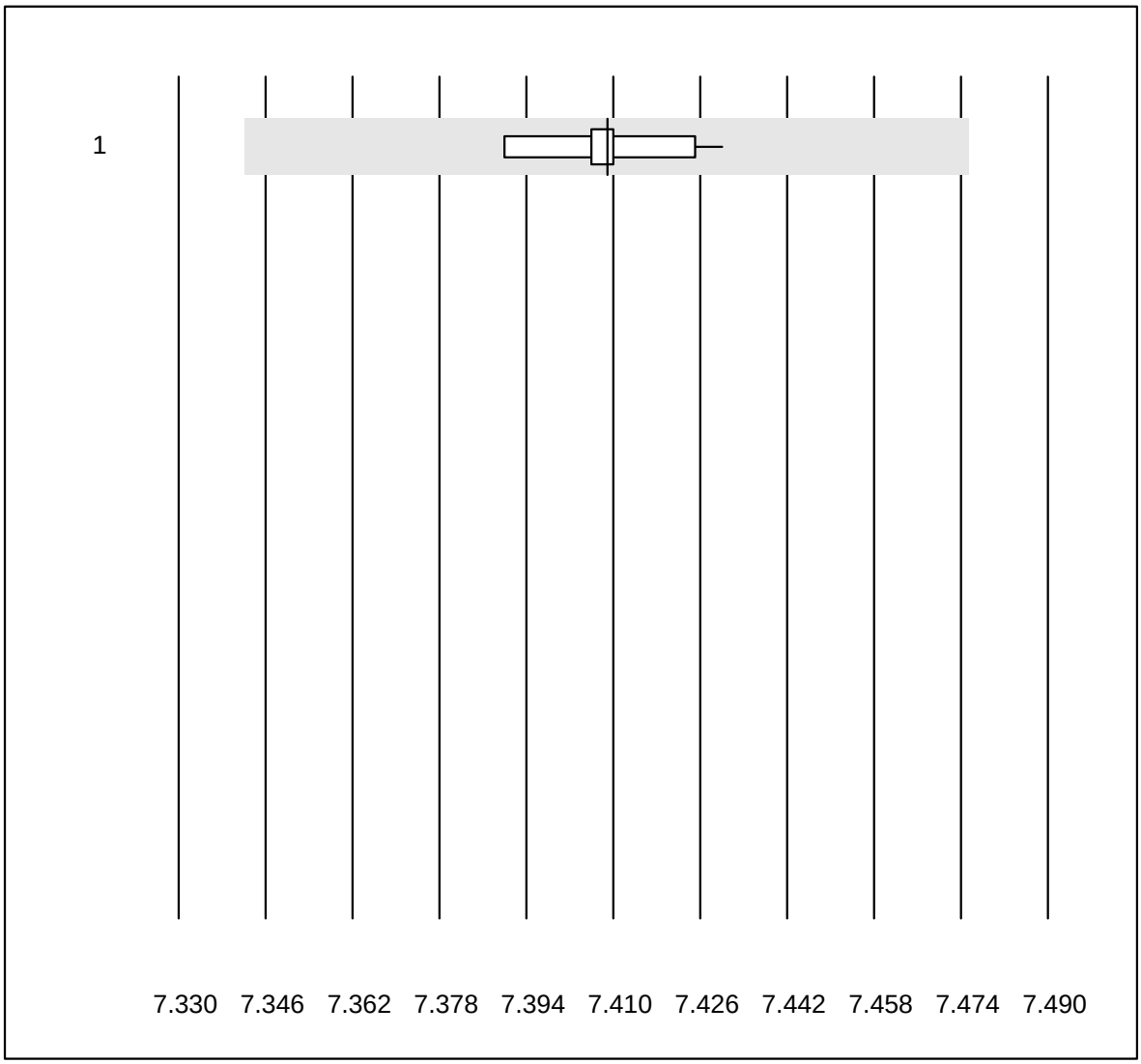


Tolleranza QUALAB : 15 %

PO2 CCA (kPa)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	12.76	5.1	e

pH CCA

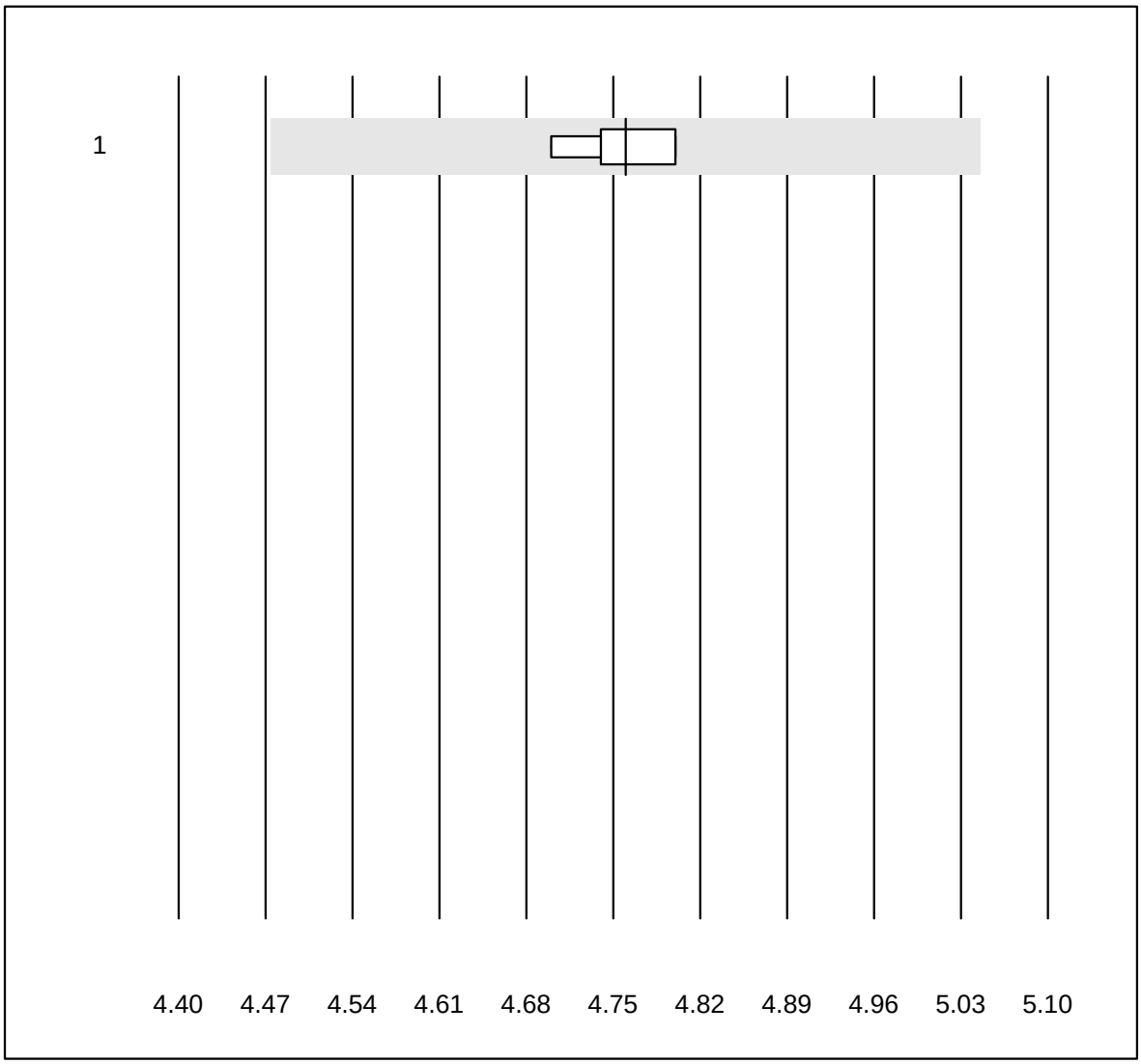


Tolleranza QUALAB : 1 %

pH CCA ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	OPTI CCA	13	100.0	0.0	0.0	7.41	0.2	e

Potassio CCA

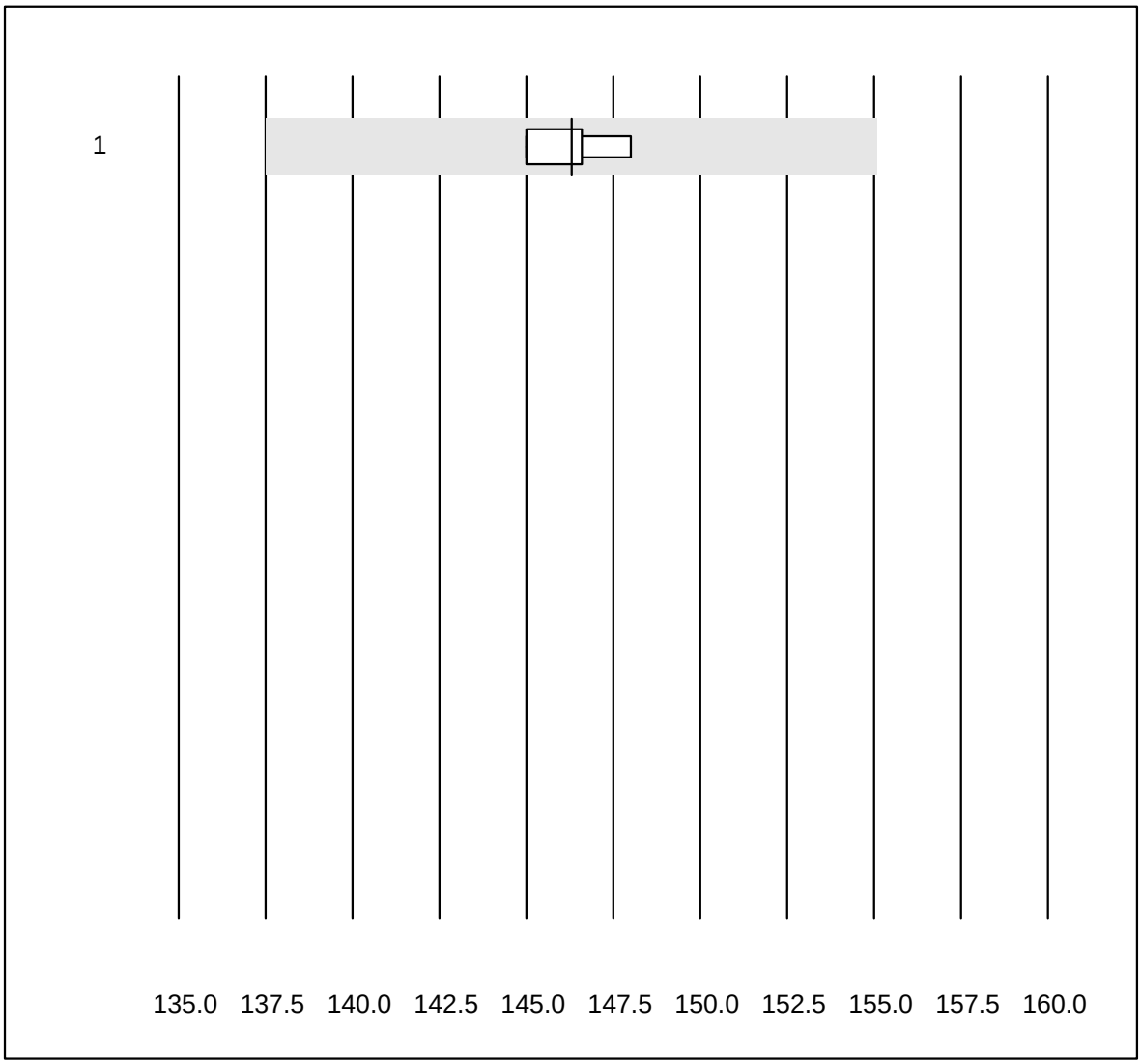


Tolleranza QUALAB : 6 %

Potassio CCA (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	OPTI CCA	5	100.0	0.0	0.0	4.8	0.9	e

Sodio CCA

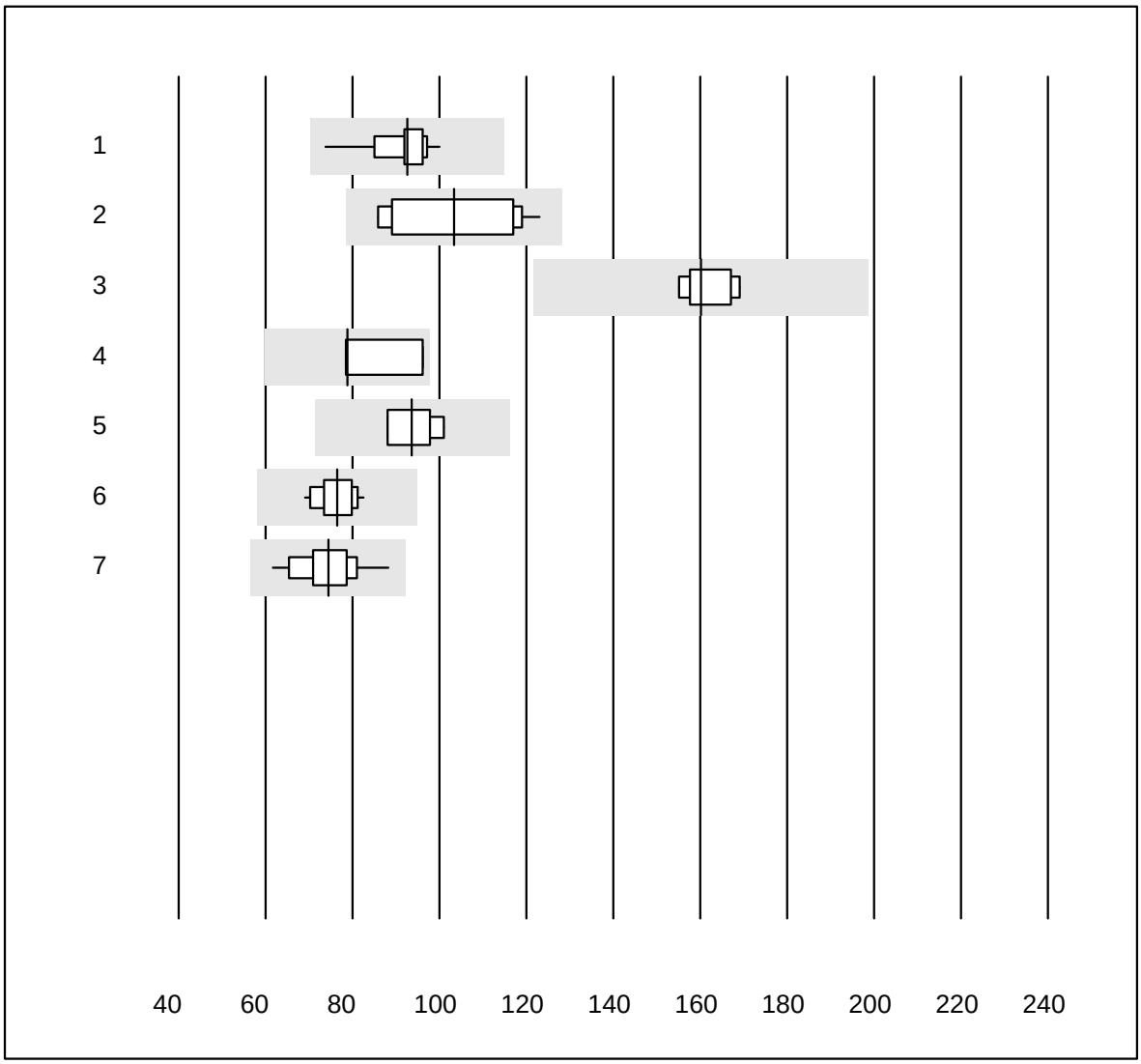


Tolleranza QUALAB : 6 %

Sodio CCA (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	OPTI CCA	4	100.0	0.0	0.0	146.3	0.9	e

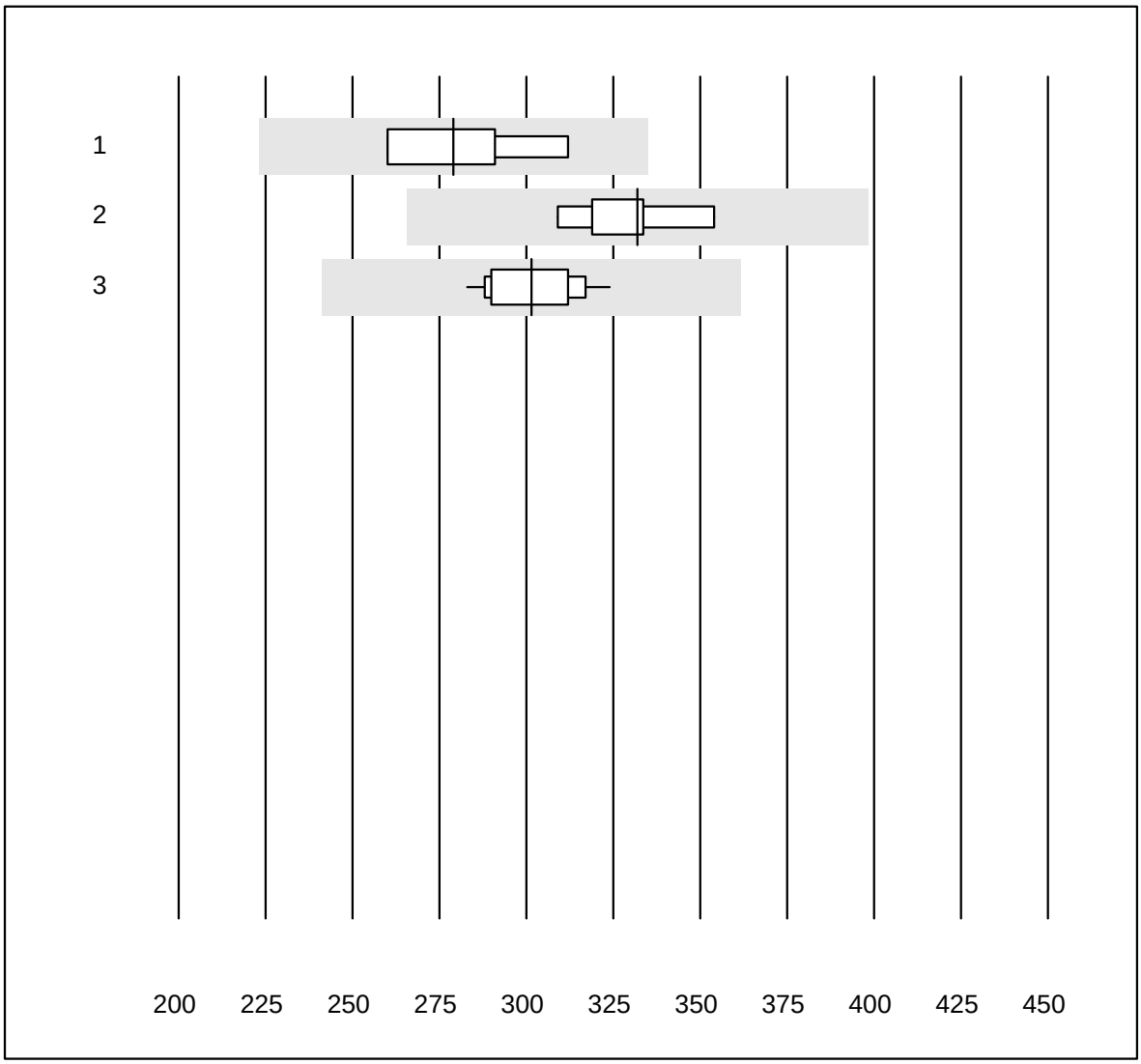
Ferritina



Tolleranza QUALAB : 24 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Beckman	15	100.0	0.0	0.0	92.68	6.7	e
2	Cobas E / Elecsys	10	100.0	0.0	0.0	103.44	14.4	e*
3	Architect	5	100.0	0.0	0.0	160.14	3.7	e
4	Mira/DiaSys	4	75.0	0.0	25.0	78.75	11.9	a
5	Mini Vidas	7	100.0	0.0	0.0	93.67	5.7	e
6	AFIAS	20	100.0	0.0	0.0	76.54	5.2	e
7	Eurolyser	18	94.4	0.0	5.6	74.45	8.7	e

Vitamina B12

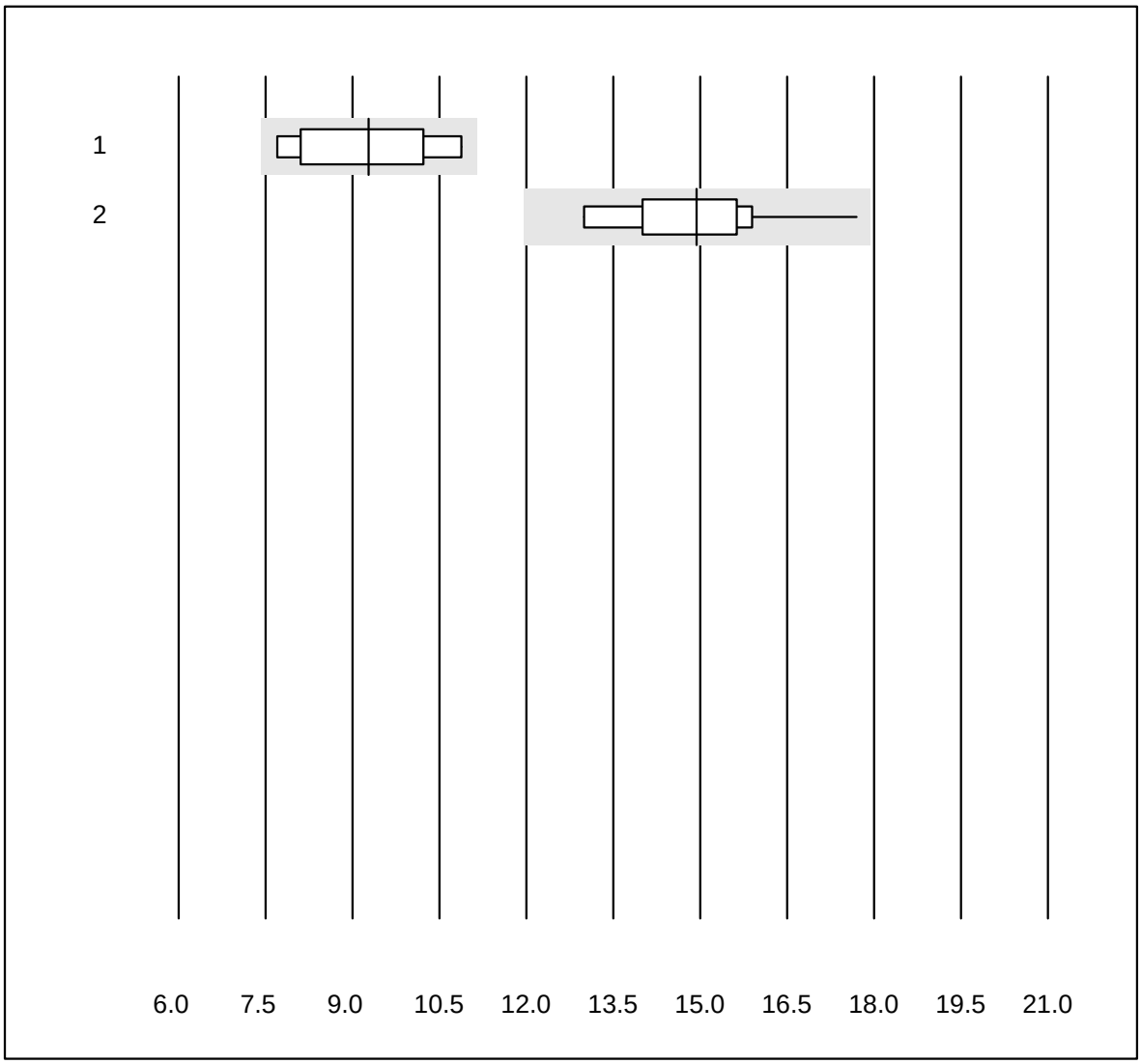


Tolleranza QUALAB : 20 %

Vitamina B12 (pmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	279.00	8.4	e*
2	Cobas E / Elecsys	8	100.0	0.0	0.0	332.00	4.0	e
3	Architect	11	100.0	0.0	0.0	301.47	4.3	e

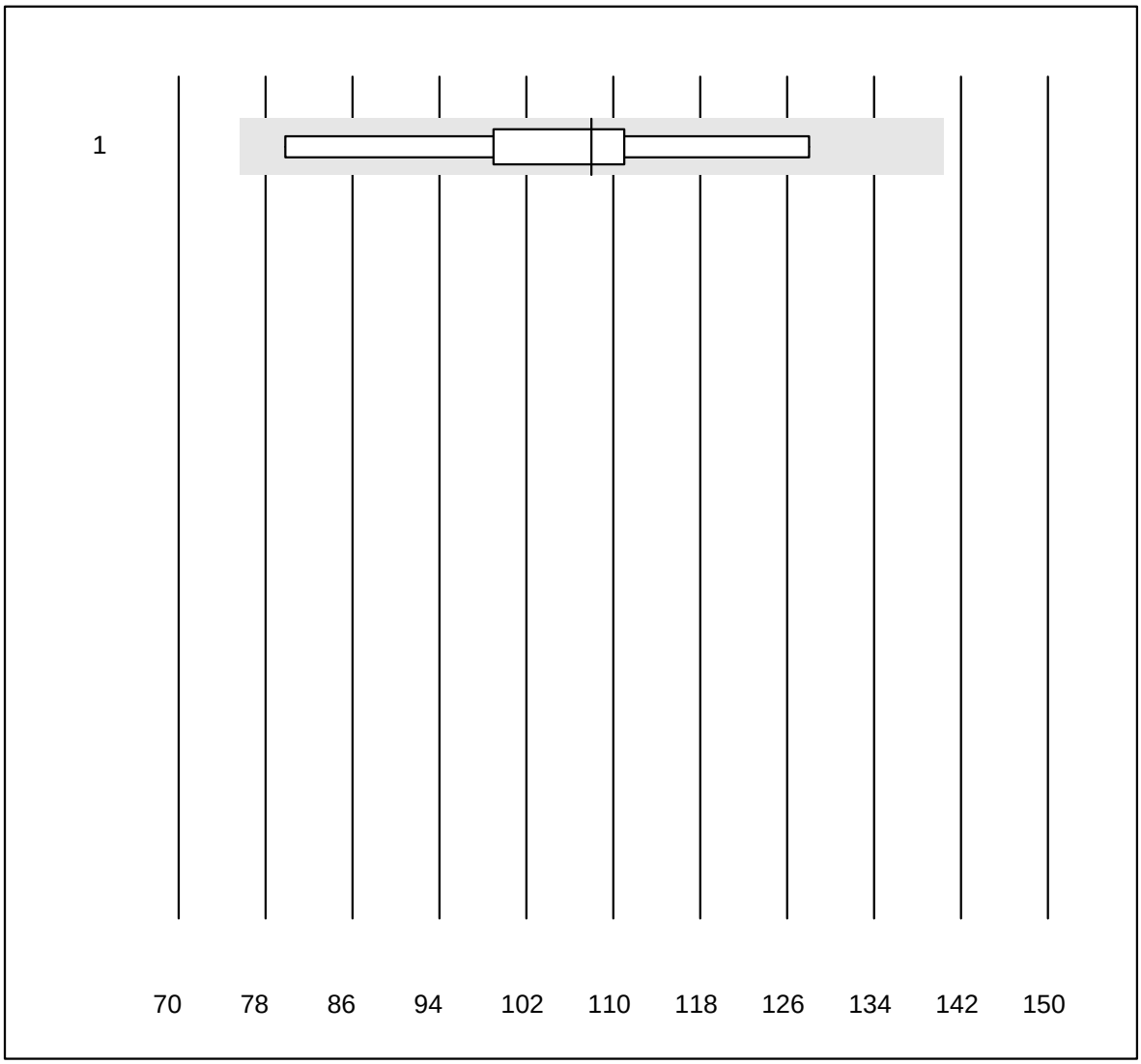
Acido folico



Tolleranza QUALAB : 20 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	8	87.5	0.0	12.5	9.28	12.9	e*
2	Architect	10	100.0	0.0	0.0	14.93	9.3	e*

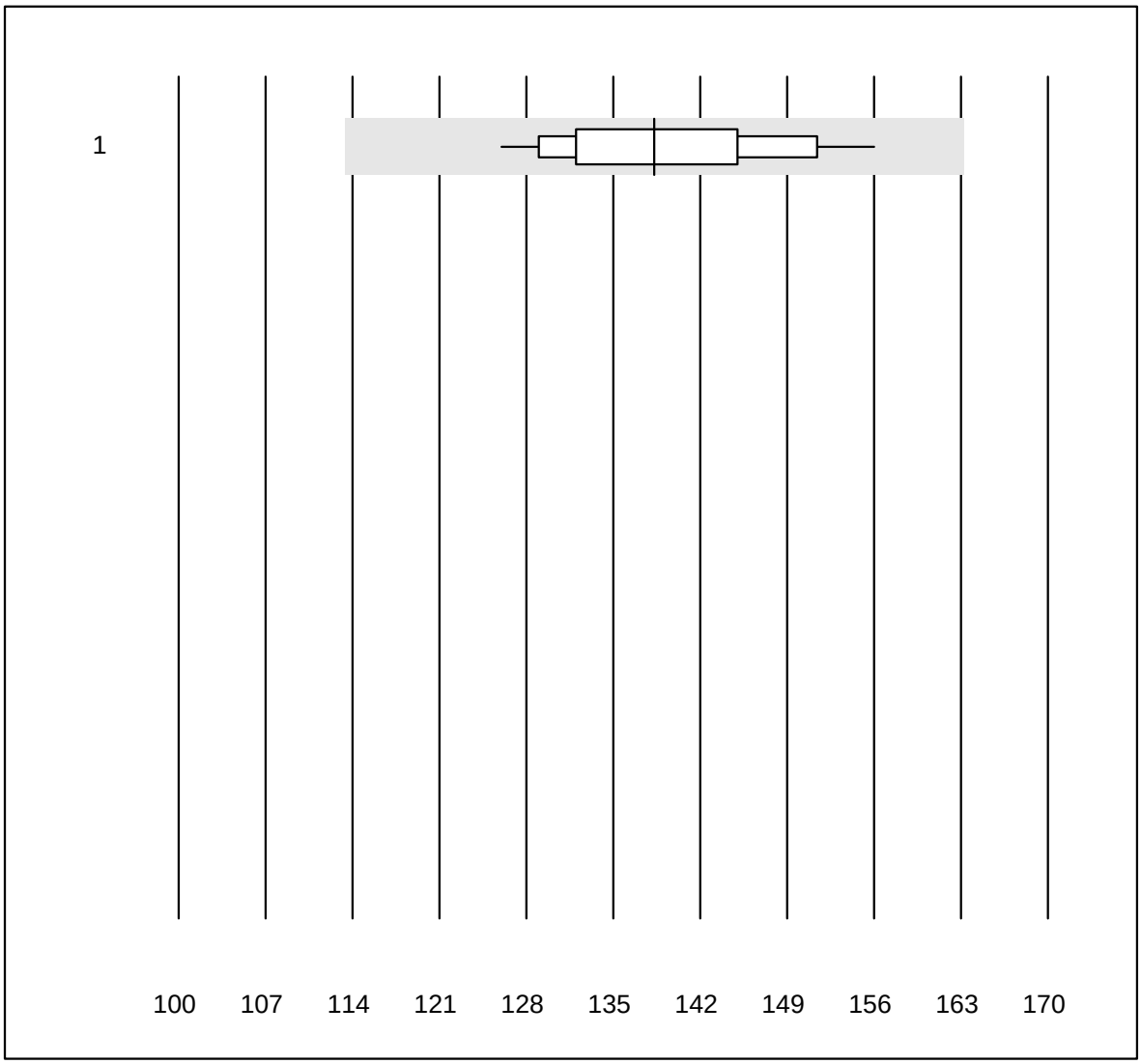
Holotranscobalamine



Tolleranza QUALAB : 30 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	6	100.0	0.0	0.0	108	15.0	e*

Bilirubina totale Neo

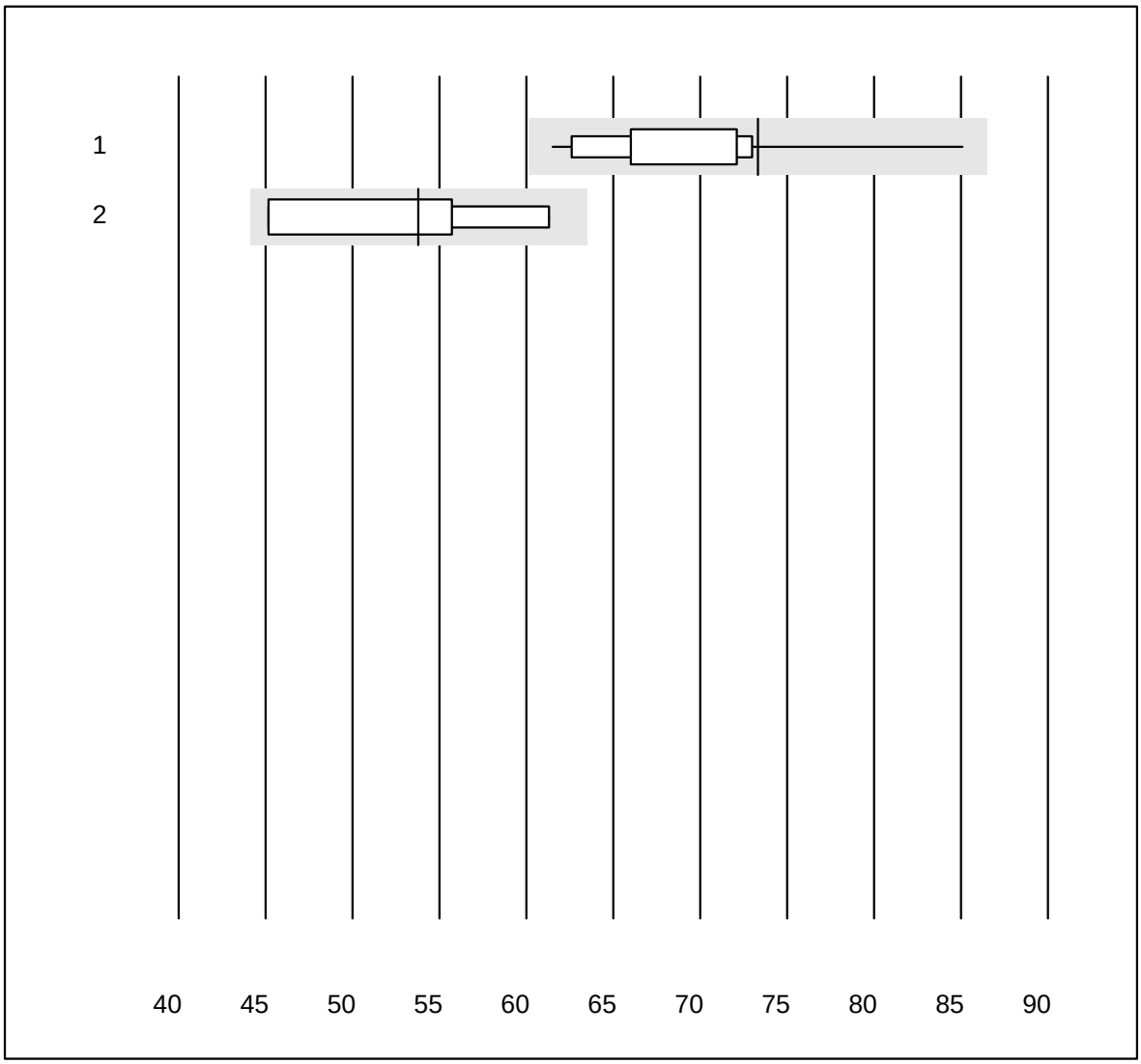


Tolleranza QUALAB : 18 %

Bilirubina totale Neo (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	17	100.0	0.0	0.0	138	6.2	e

Bilirubina diretta

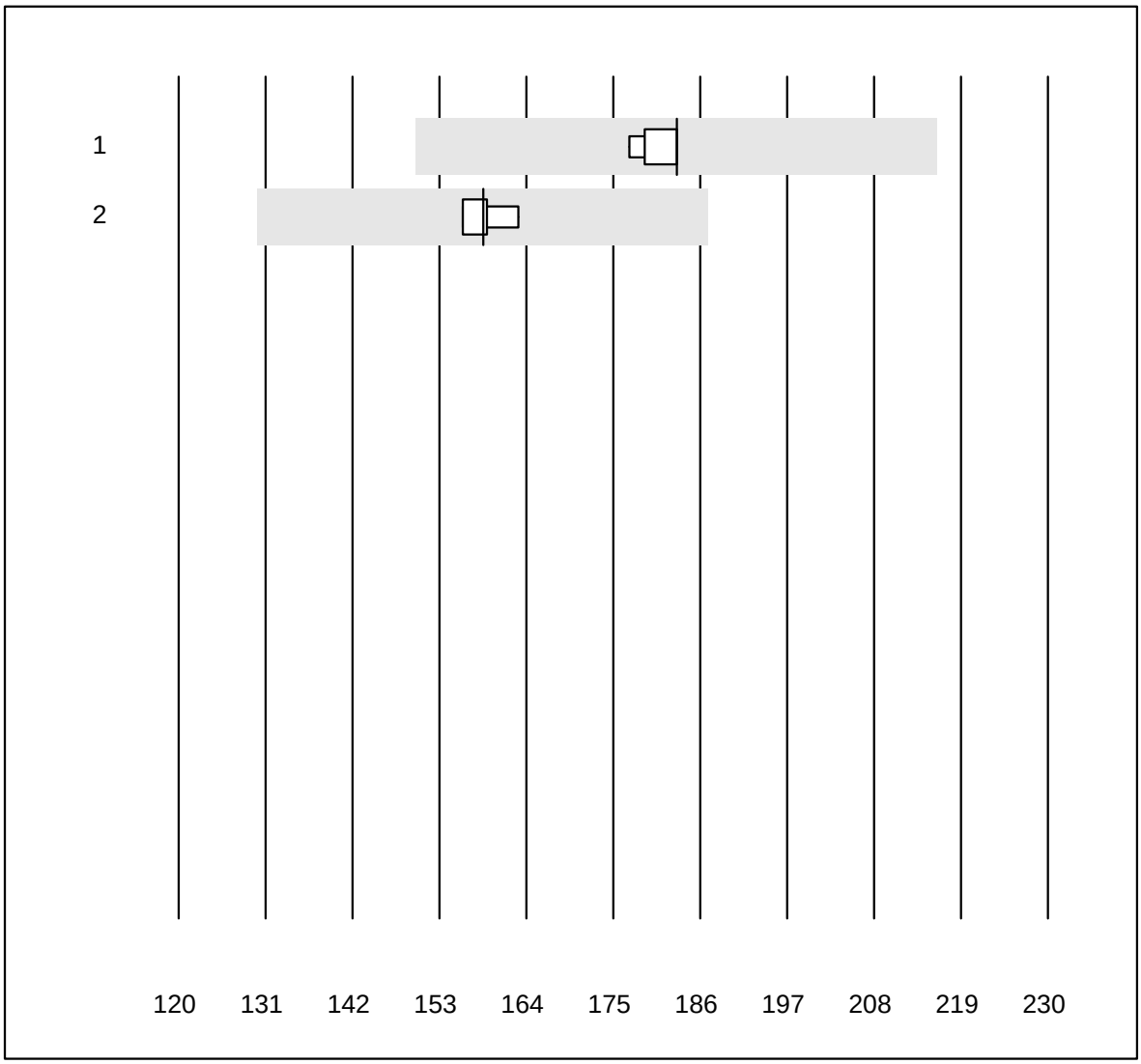


Tolleranza QUALAB : 18 %

Bilirubina diretta (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	13	100.0	0.0	0.0	73	8.5	a
2	Dimension	4	100.0	0.0	0.0	54	12.7	e*

Bilirubin neonatale

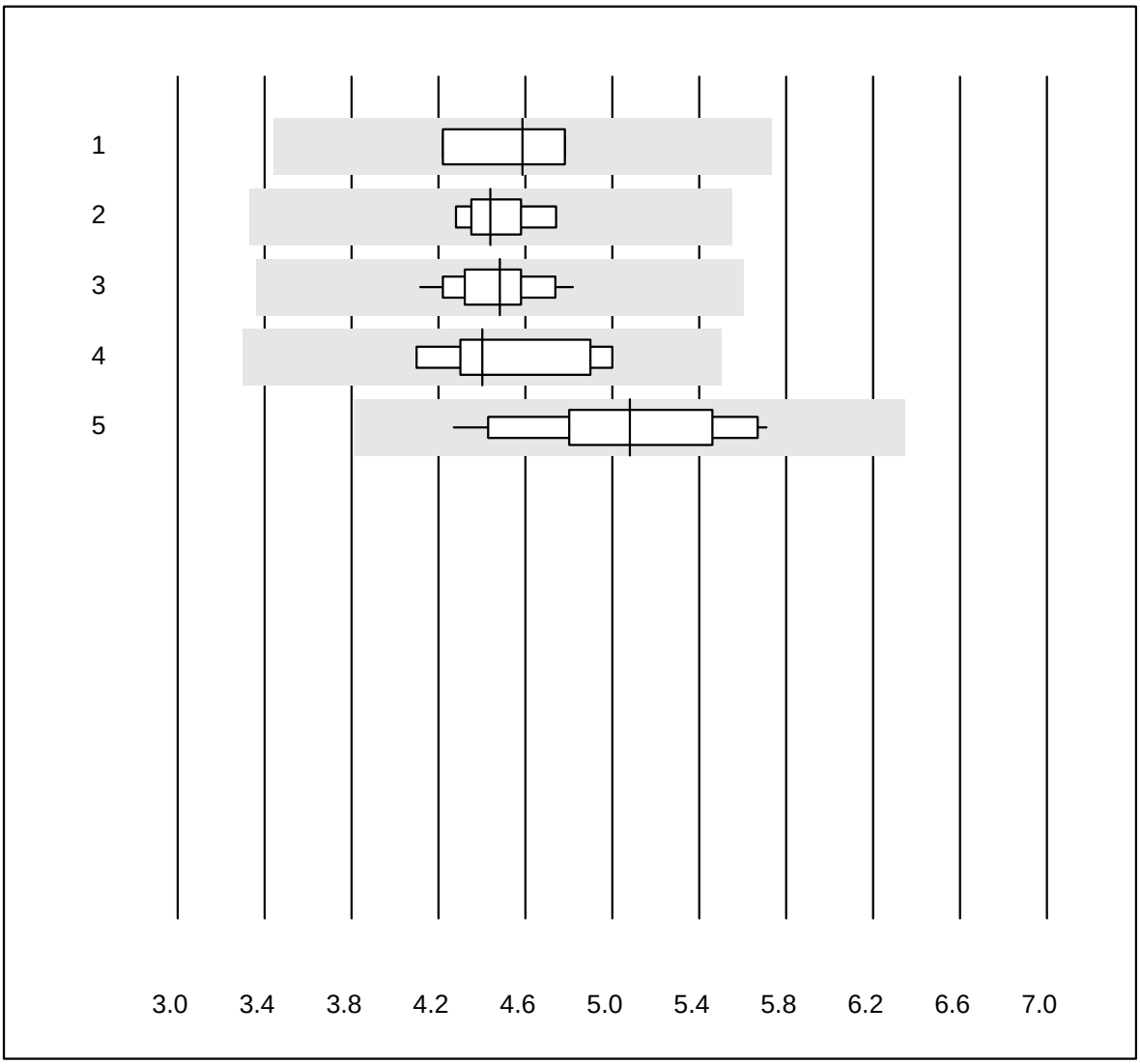


Tolleranza QUALAB : 18 %

Bilirubin neonatale (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	5	100.0	0.0	0.0	183	1.6	e
2	ABL700/800	4	100.0	0.0	0.0	159	1.9	e

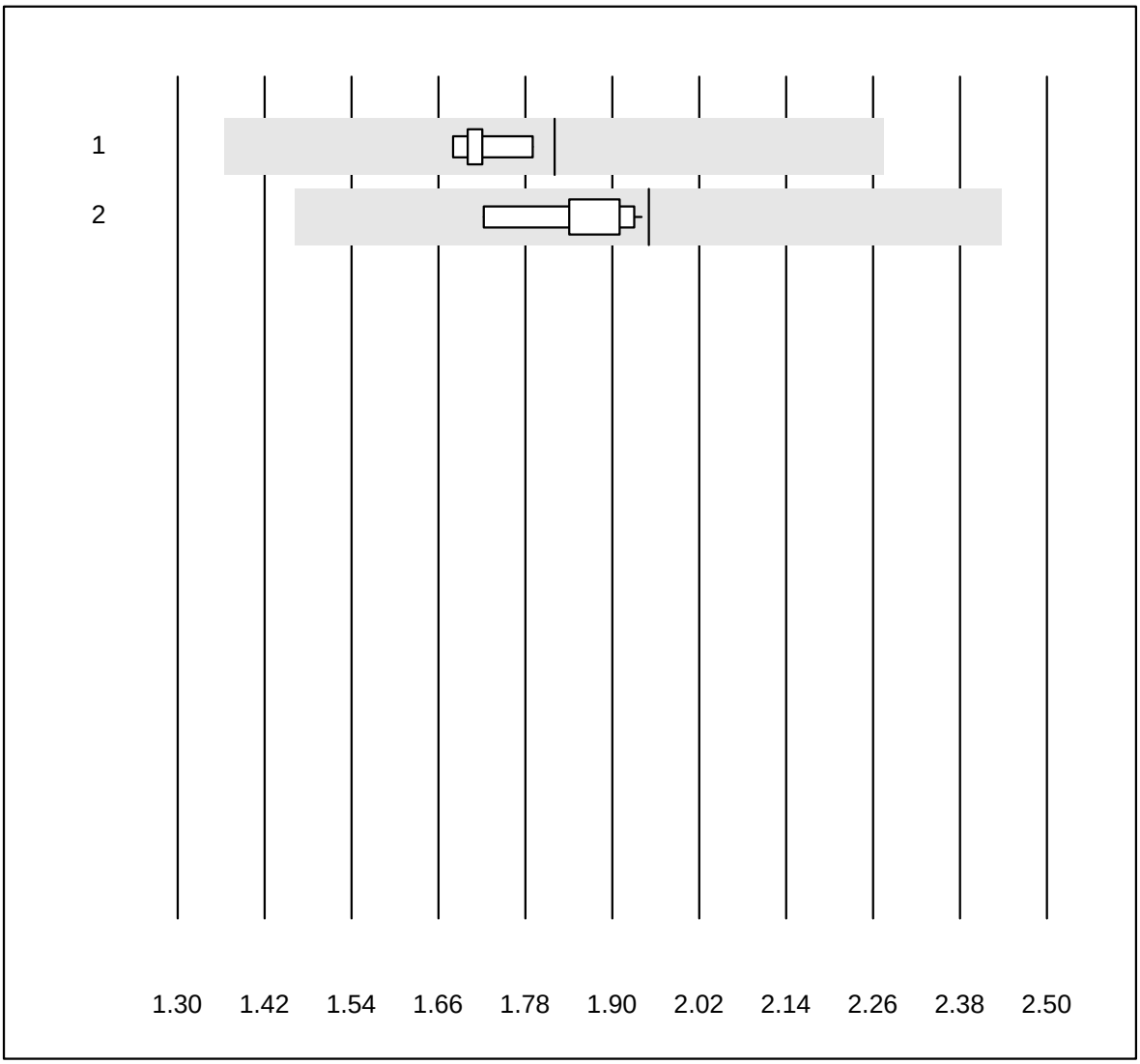
PSA



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	altro	4	75.0	0.0	25.0	4.59	6.4	e*
2	Cobas E / Elecsys	9	100.0	0.0	0.0	4.44	3.5	e
3	Architect	12	100.0	0.0	0.0	4.48	4.7	e
4	Qualigen	5	100.0	0.0	0.0	4.40	8.6	e*
5	AFIAS	14	100.0	0.0	0.0	5.08	9.0	e

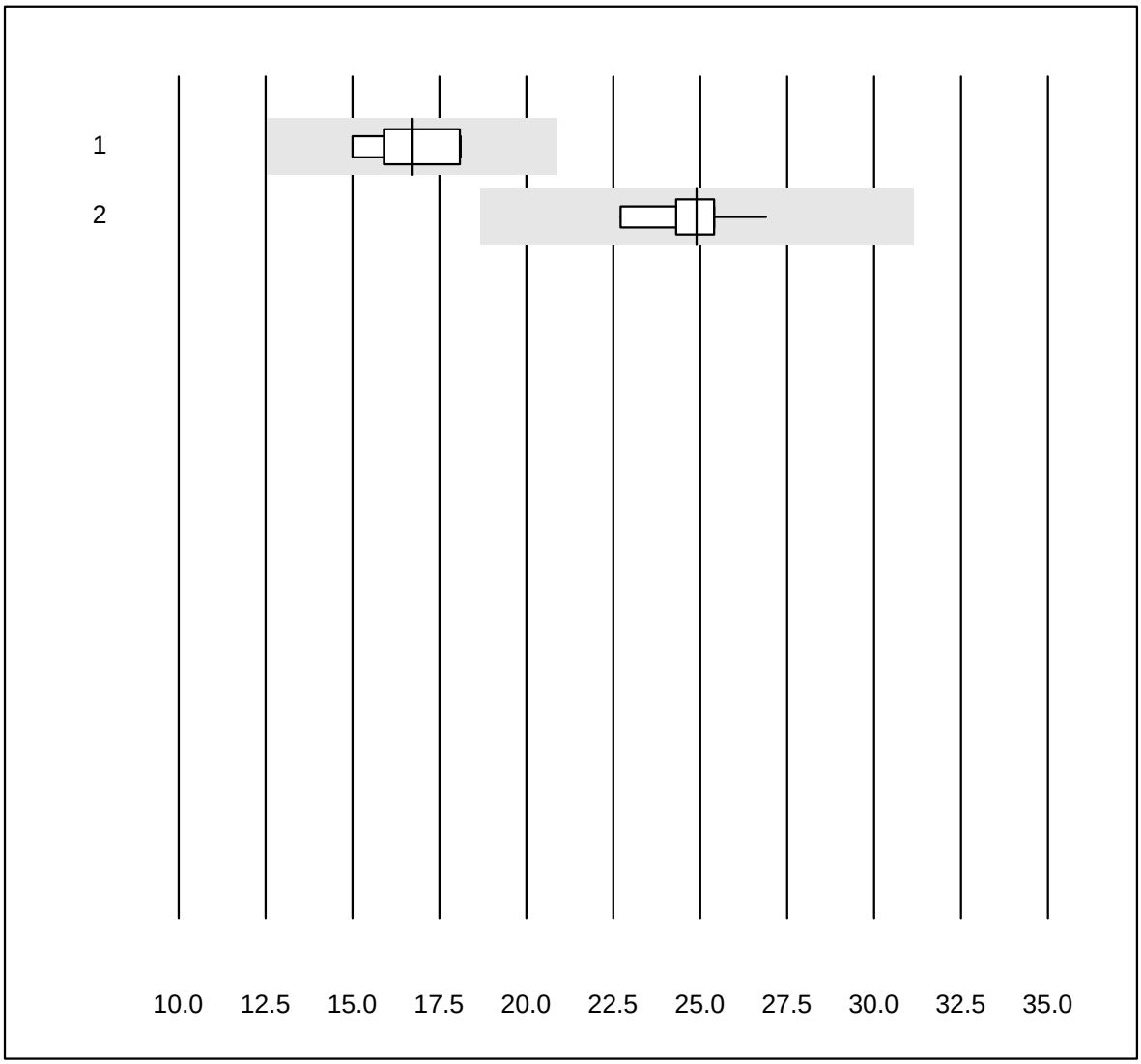
PSA frei



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	1.82	2.4	a
2	Architect	10	100.0	0.0	0.0	1.95	3.6	a

CEA



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	6	100.0	0.0	0.0	16.7	7.4	a
2	Architect	10	100.0	0.0	0.0	24.9	4.4	a

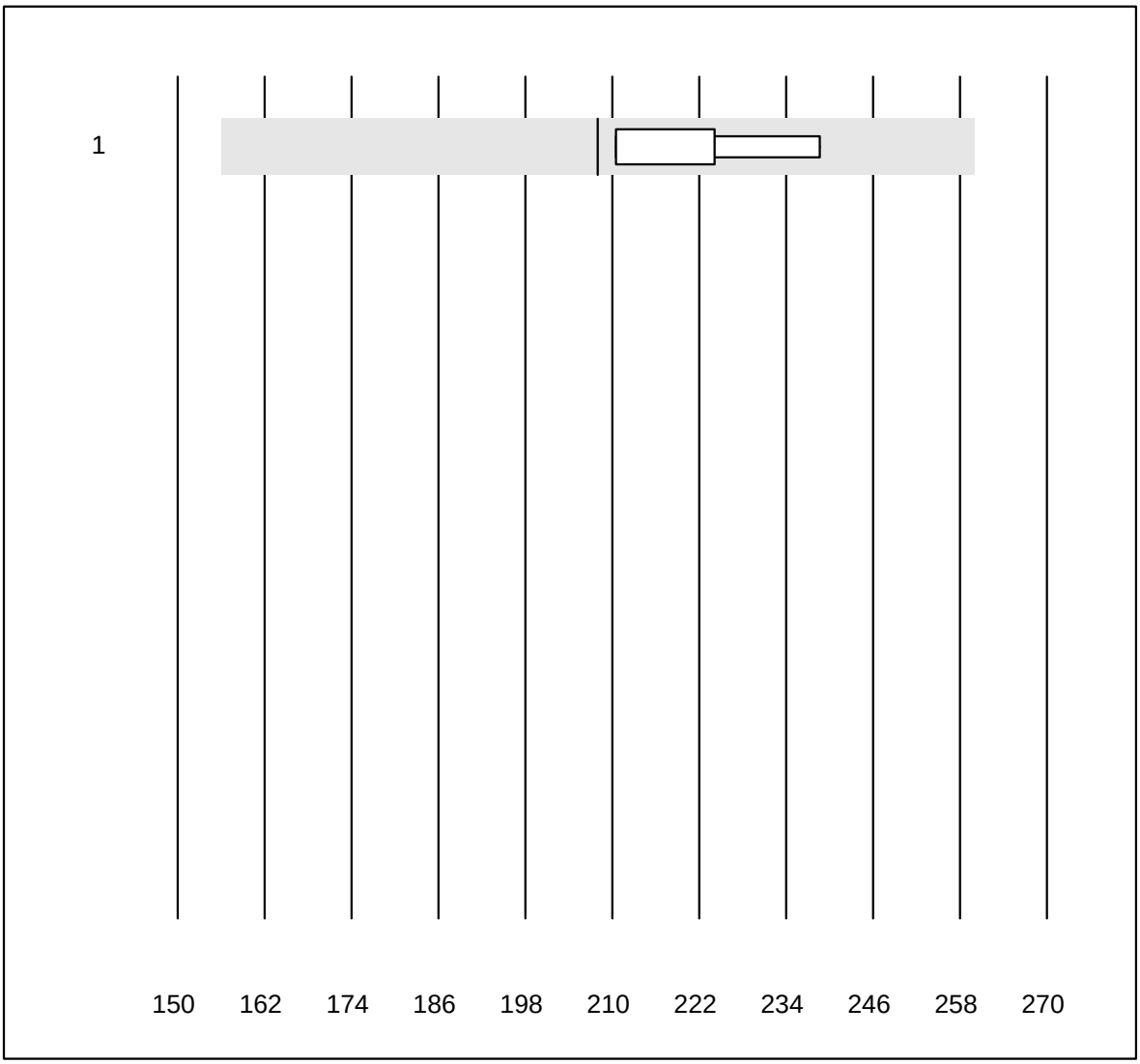
CA 125

Tolleranza QUALAB : 25 %

CA 125 (kIU/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	6	100.0	0.0	0.0	87.8	3.1	a

CA 19-9

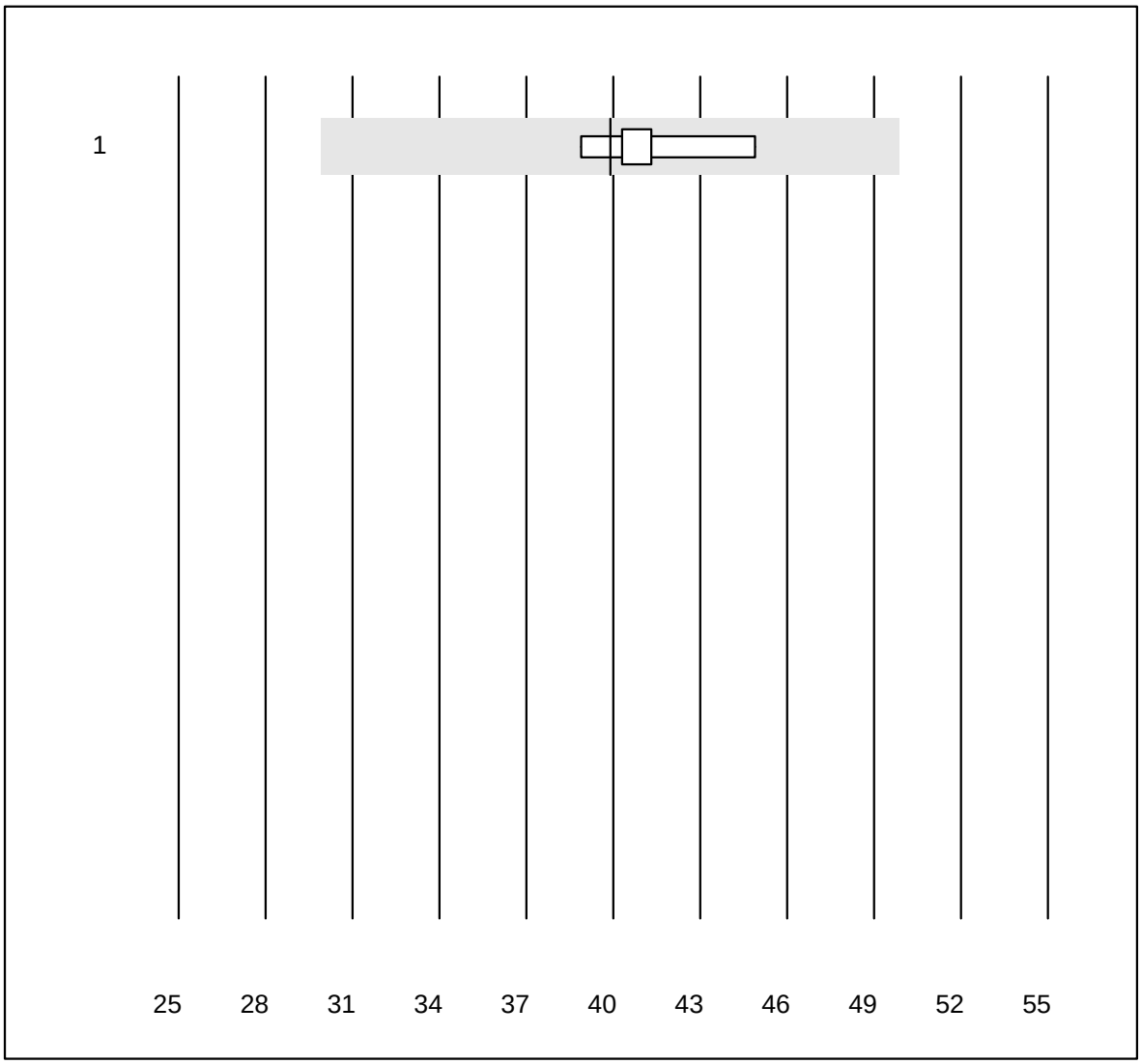


Tolleranza QUALAB : 25 %

CA 19-9 (kIU/l)

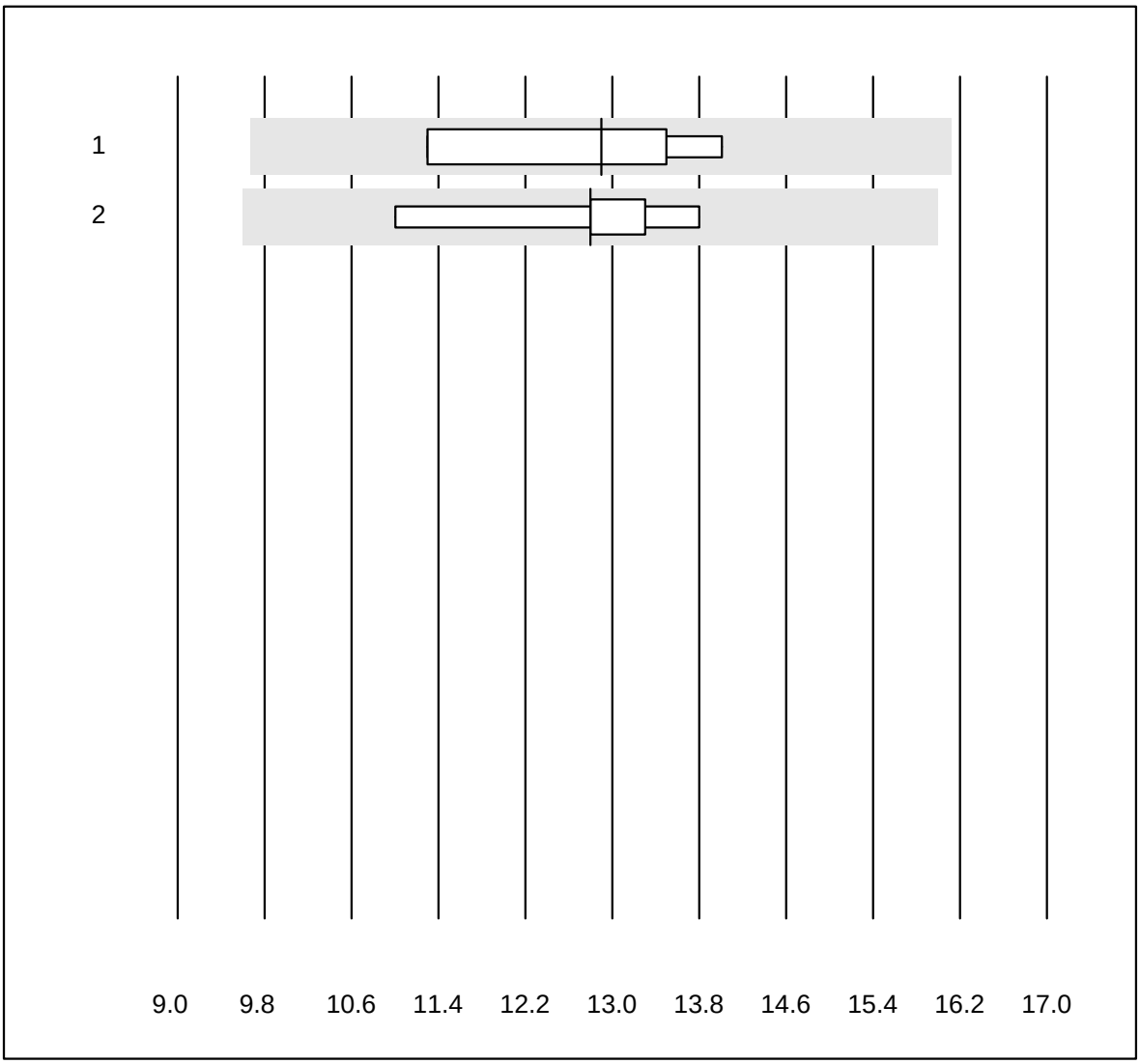
No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	4	100.0	0.0	0.0	208.0	5.3	a

CA 15-3



No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	6	100.0	0.0	0.0	39.9	4.9	a

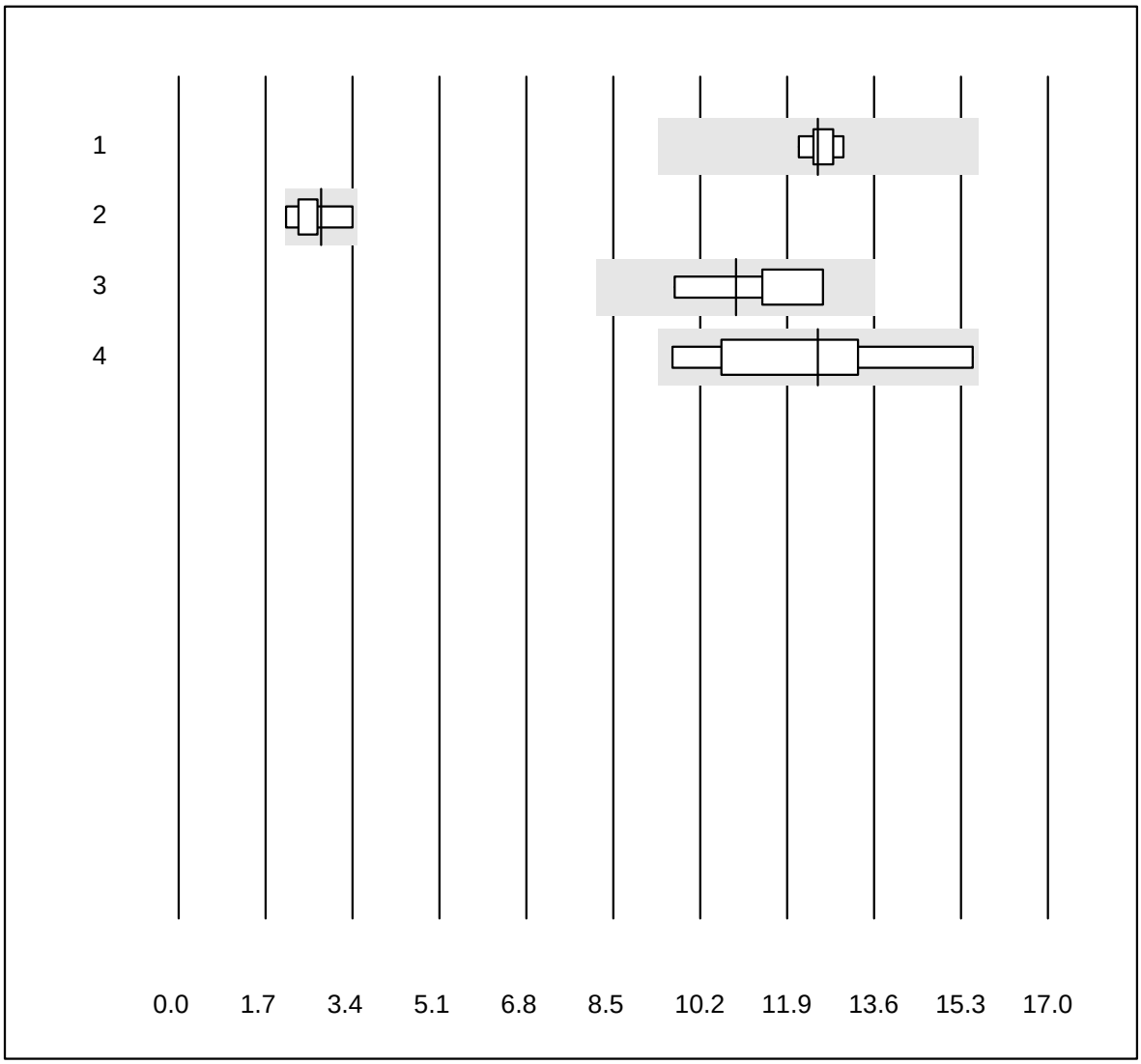
AFP



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	4	100.0	0.0	0.0	13	10.3	a
2	Architect	7	100.0	0.0	0.0	13	6.9	a

HCG qn

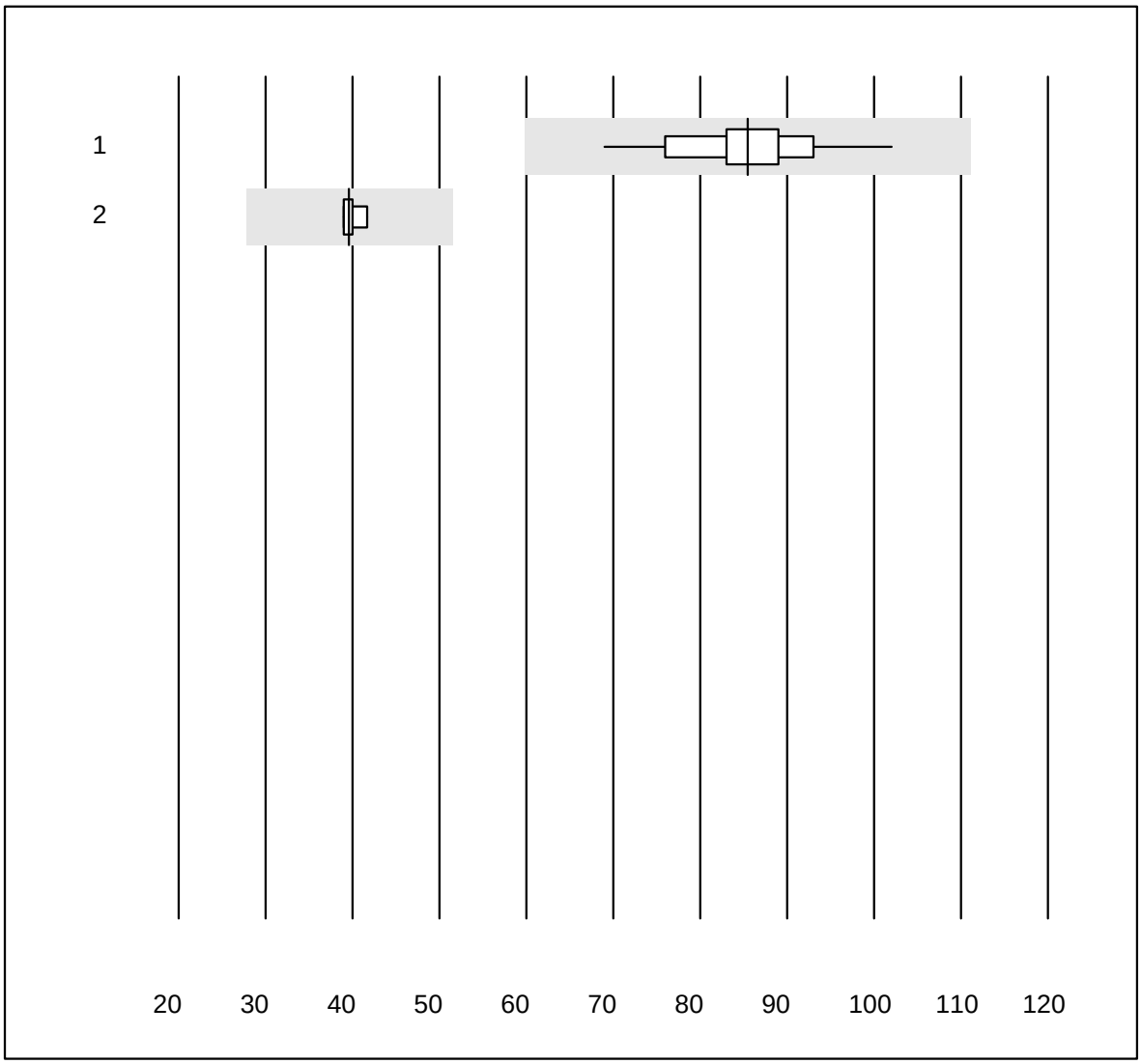


Tolleranza QUALAB : 25 %

HCG qn (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas E / Elecsys	5	100.0	0.0	0.0	13	2.7	a
2	VIDAS	9	100.0	0.0	0.0	3	17.6	a
3	Architect	6	100.0	0.0	0.0	11	9.2	a
4	AFIAS	6	83.3	0.0	16.7	13	18.8	a

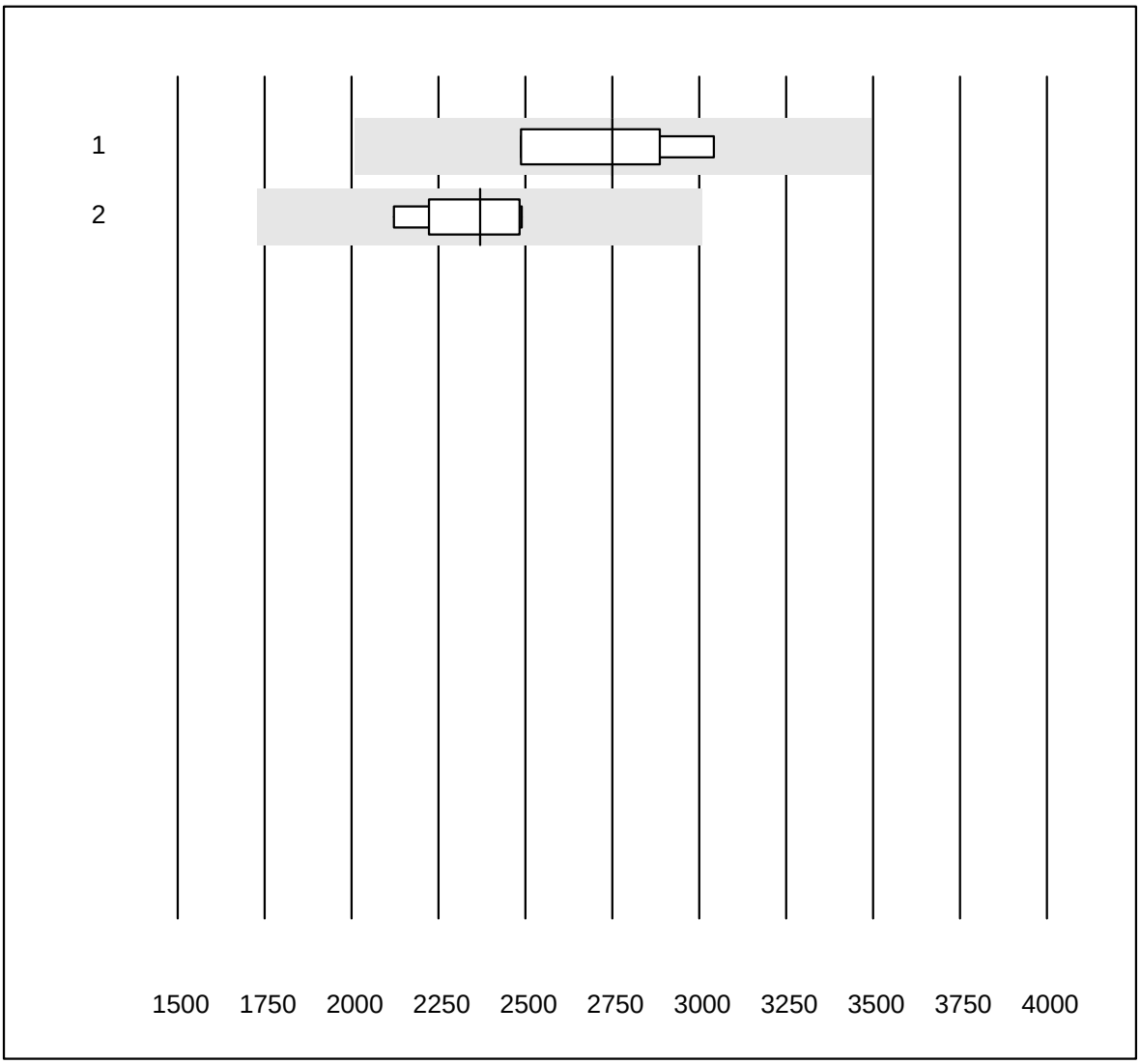
CK-MB



Tolleranza QUALAB : 30 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Fuji Dri-Chem	39	94.9	0.0	5.1	85.5	7.6	e
2	Cobas/Roche	4	100.0	0.0	0.0	39.6	3.1	e

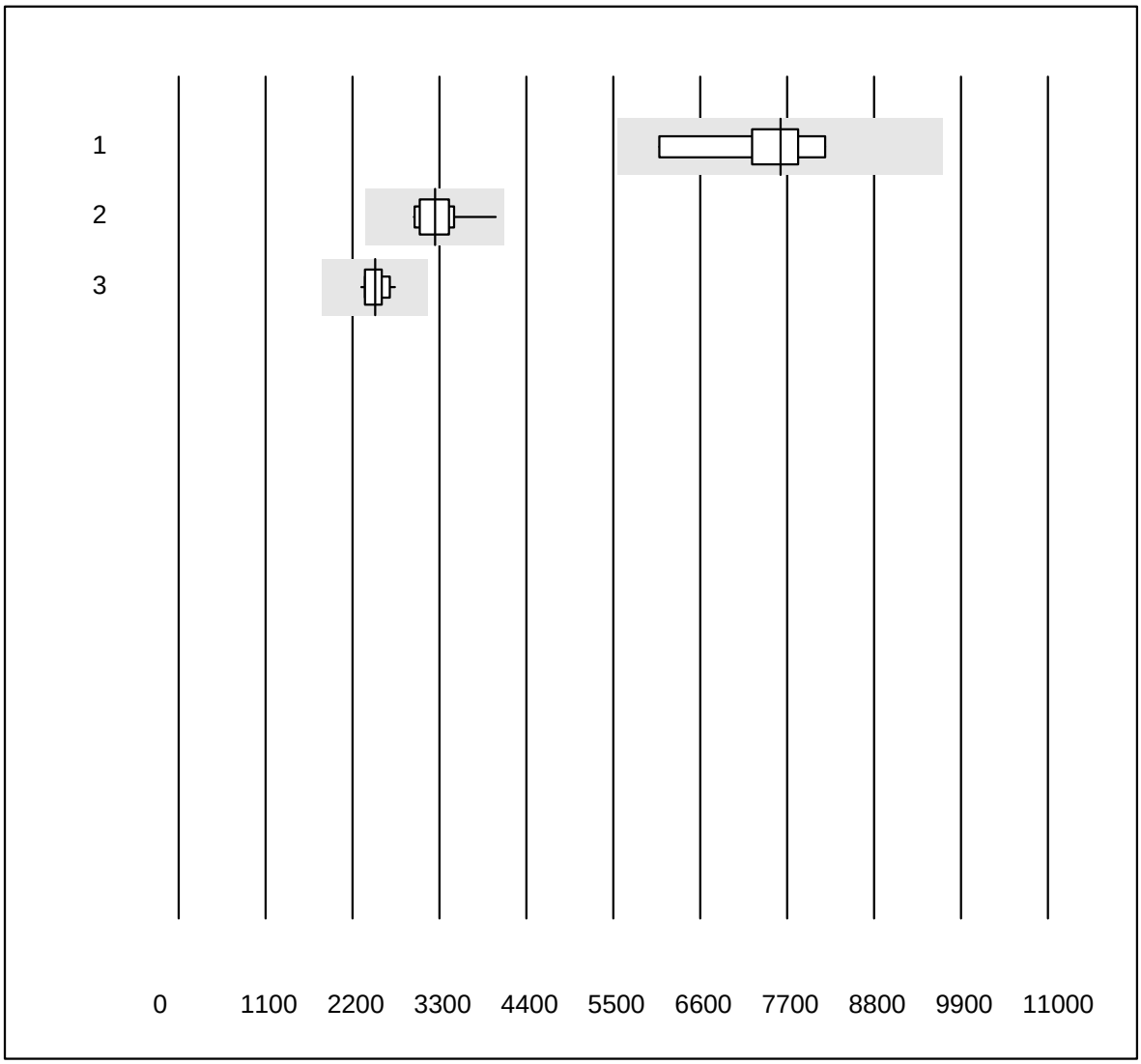
BNP



Tolleranza QUALAB : 27 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ADVIA Centaur XP/CP	4	100.0	0.0	0.0	2750.3	9.2	e*
2	Architect	6	100.0	0.0	0.0	2369.0	6.4	e

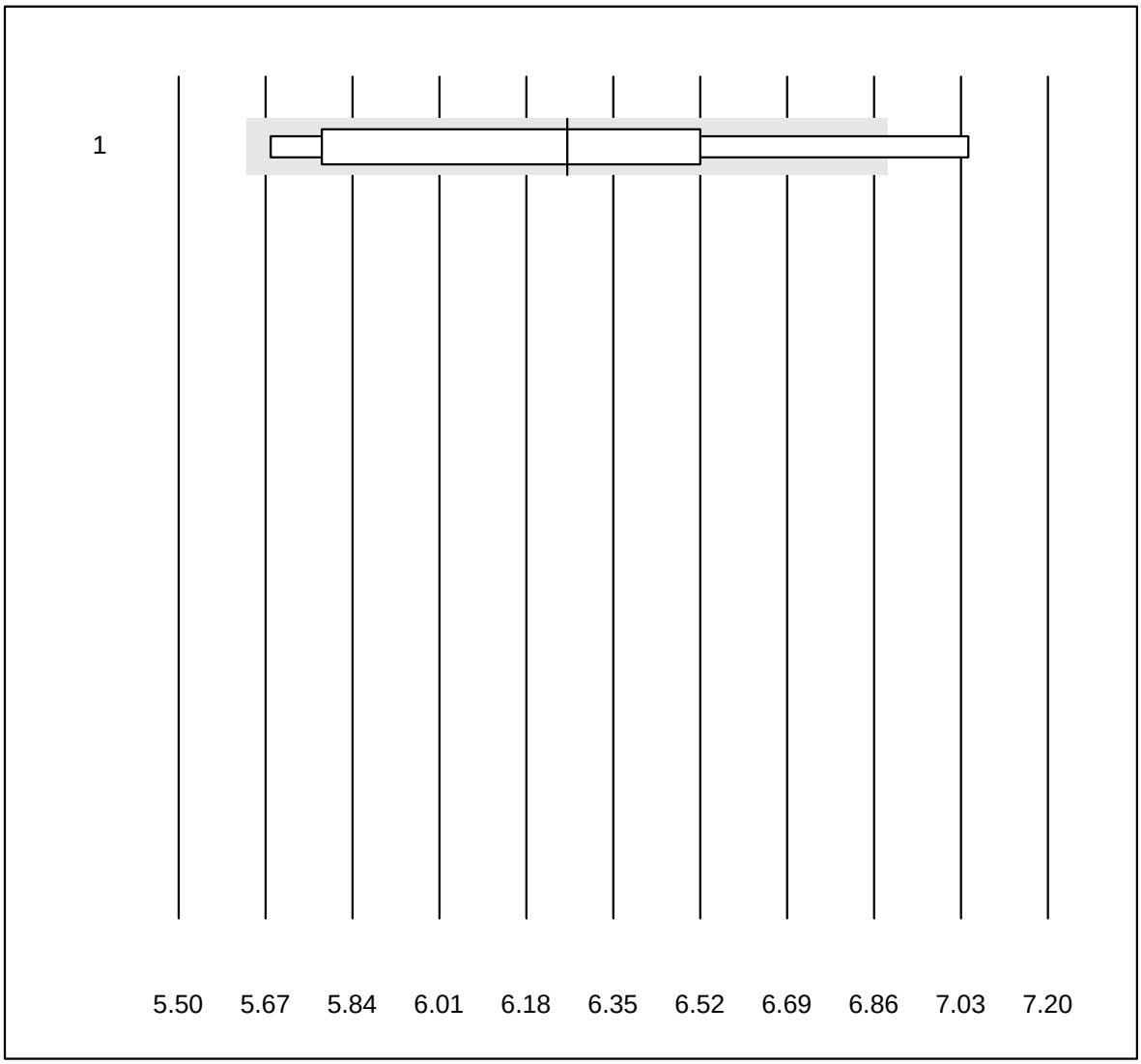
NT-proBNP



Tolleranza QUALAB : 27 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	AQT 90 FLEX	6	100.0	0.0	0.0	7615.0	9.9	e*
2	VIDAS	11	100.0	0.0	0.0	3243.1	9.3	e
3	Cobas E / Elecsys	13	100.0	0.0	0.0	2482.6	5.5	e

Cholesterin PTS

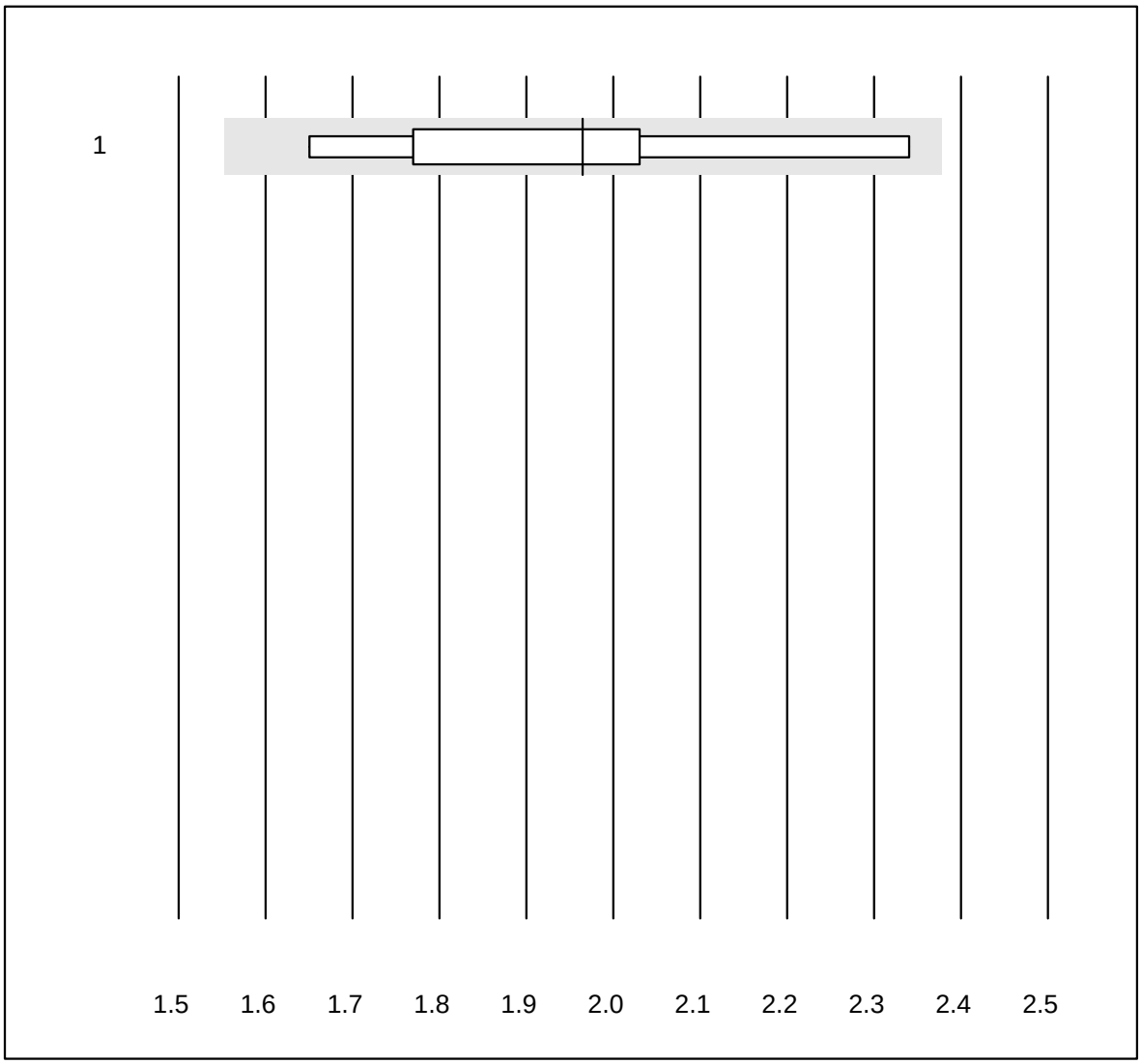


Tolleranza QUALAB : 10 %

Cholesterin PTS (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CardioChek	10	70.0	10.0	20.0	6.26	7.5	e*

Cholesterin HDL PTS

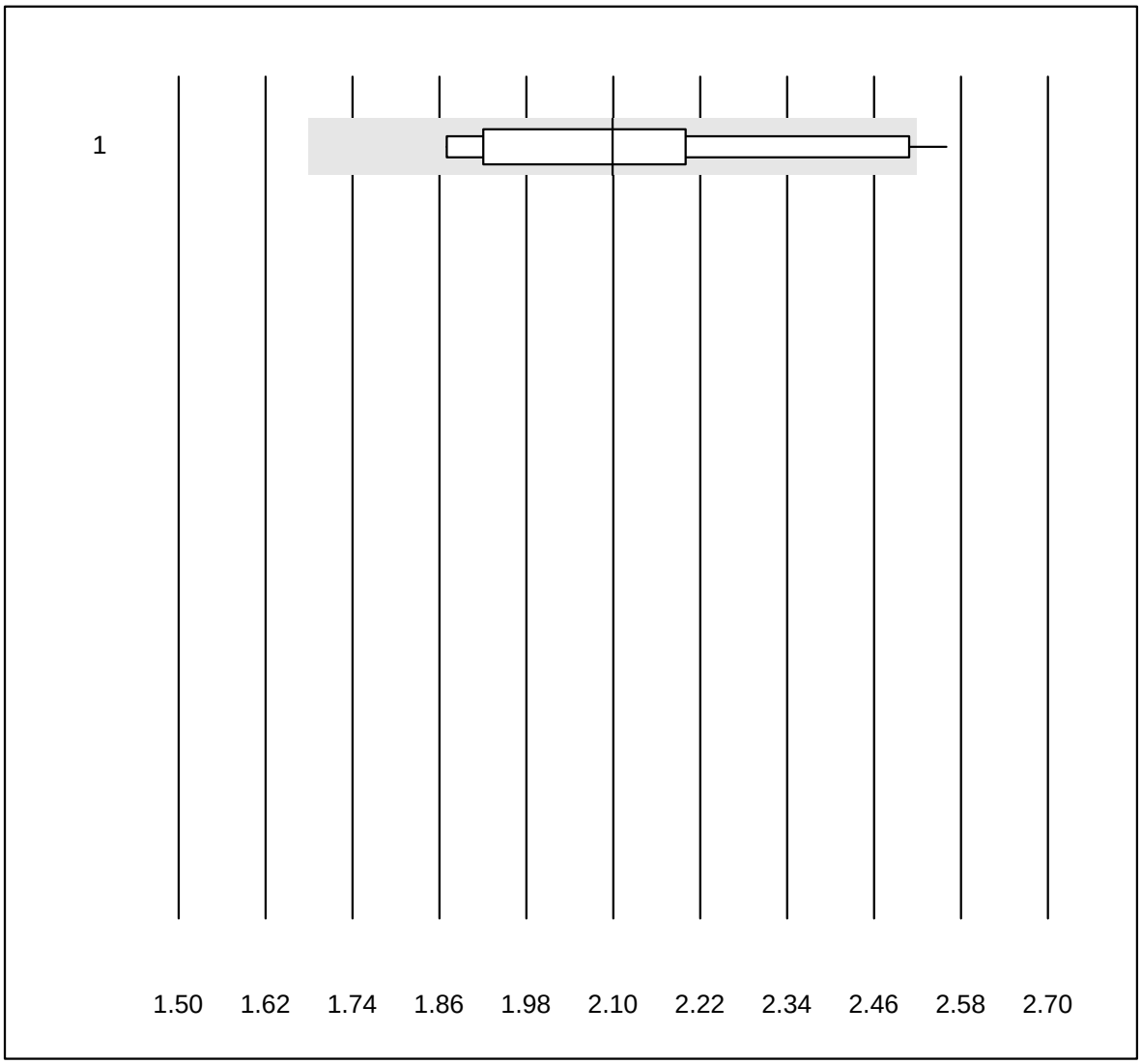


Tolleranza QUALAB : 21 %

Cholesterin HDL PTS (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CardioChek	10	90.0	0.0	10.0	1.97	11.0	e*

Triglyceride PTS

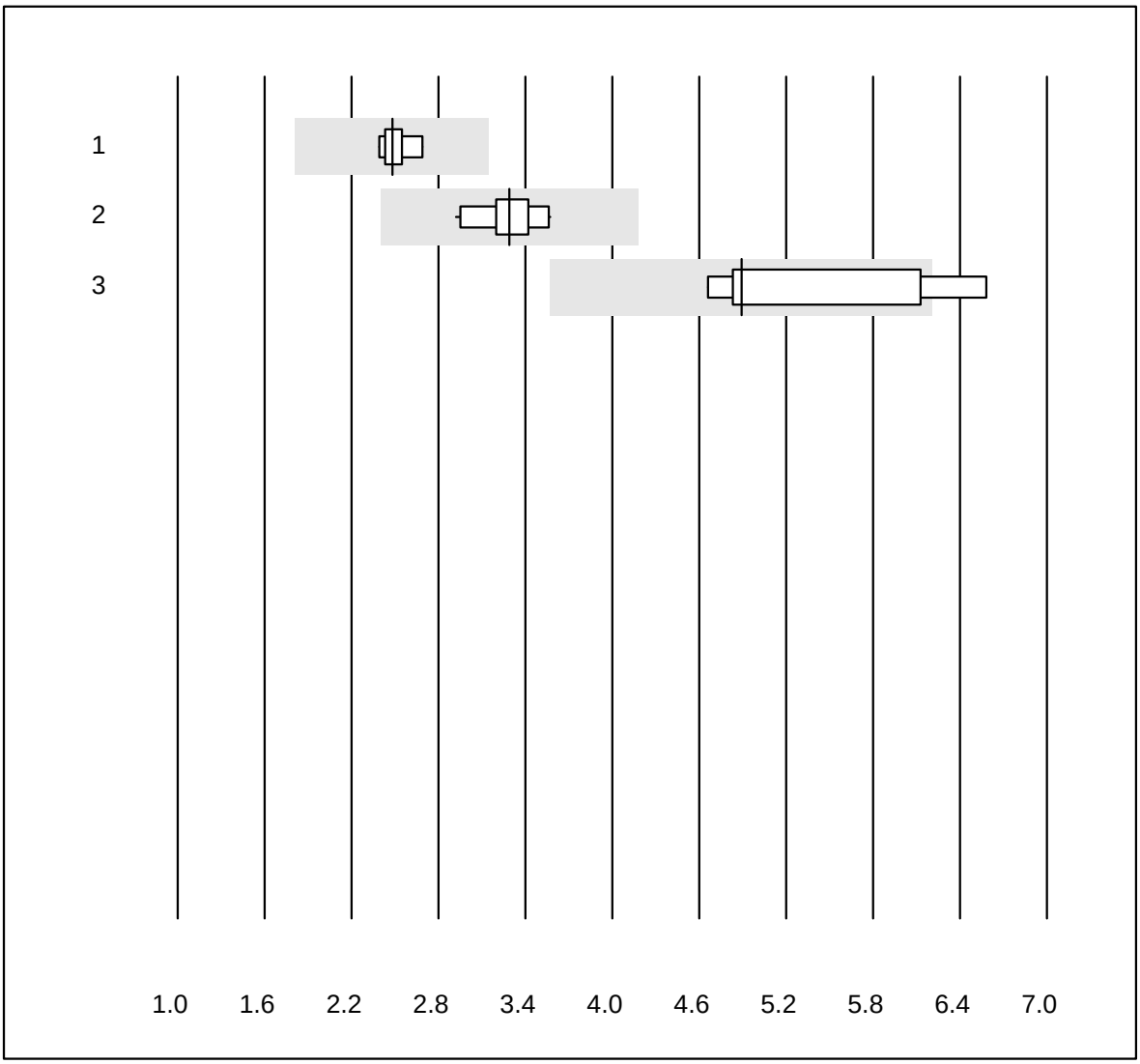


Tolleranza QUALAB : 20 %

Triglyceride PTS (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	CardioChek	10	90.0	10.0	0.0	2.10	12.2	e*

Procalcitonina

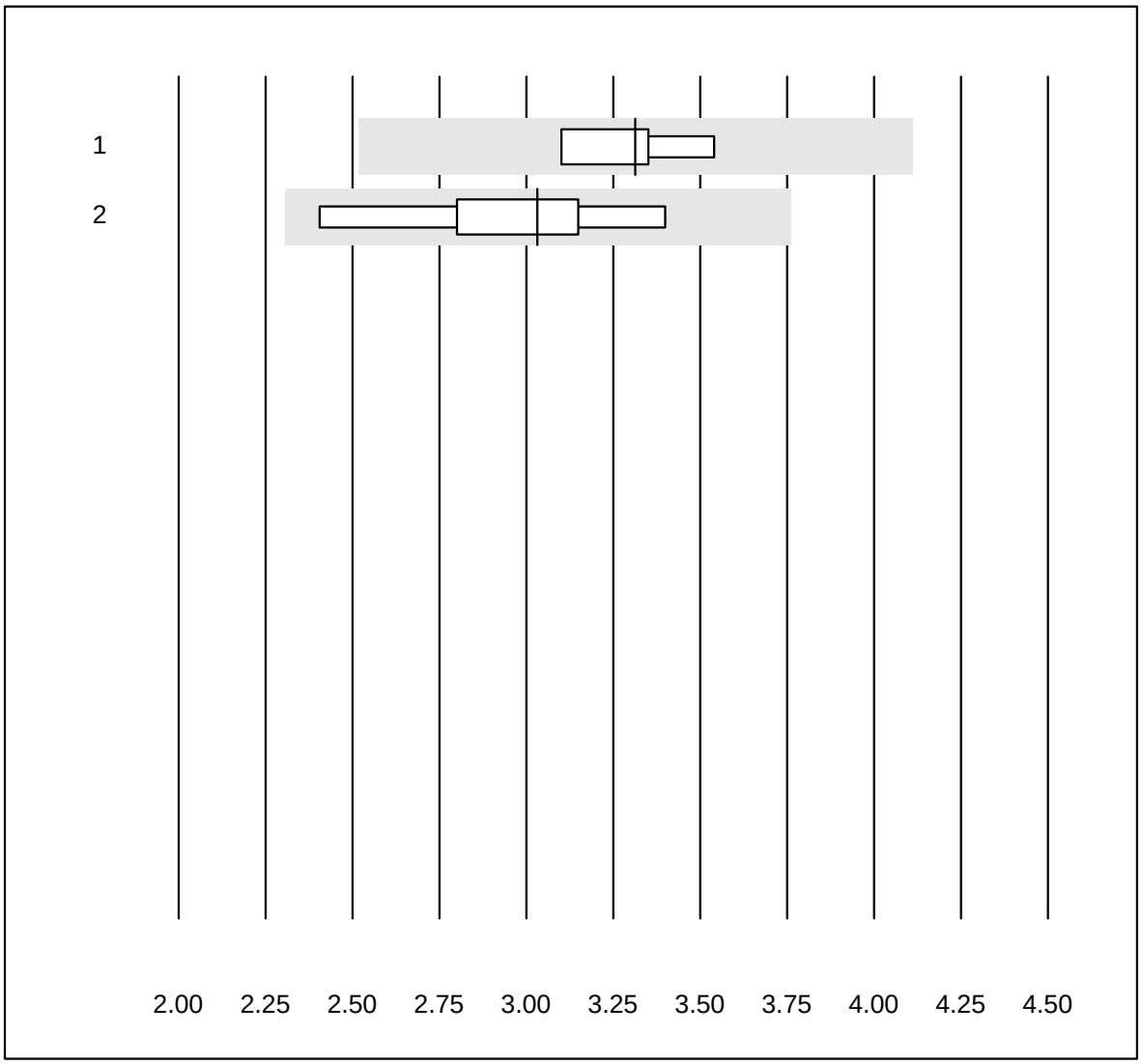


Tolleranza QUALAB : 27 %

Procalcitonina (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	5	100.0	0.0	0.0	2.48	4.7	e
2	VIDAS	19	100.0	0.0	0.0	3.29	5.6	e
3	Liason	6	66.6	16.7	16.7	4.89	15.9	e*

Parathormon

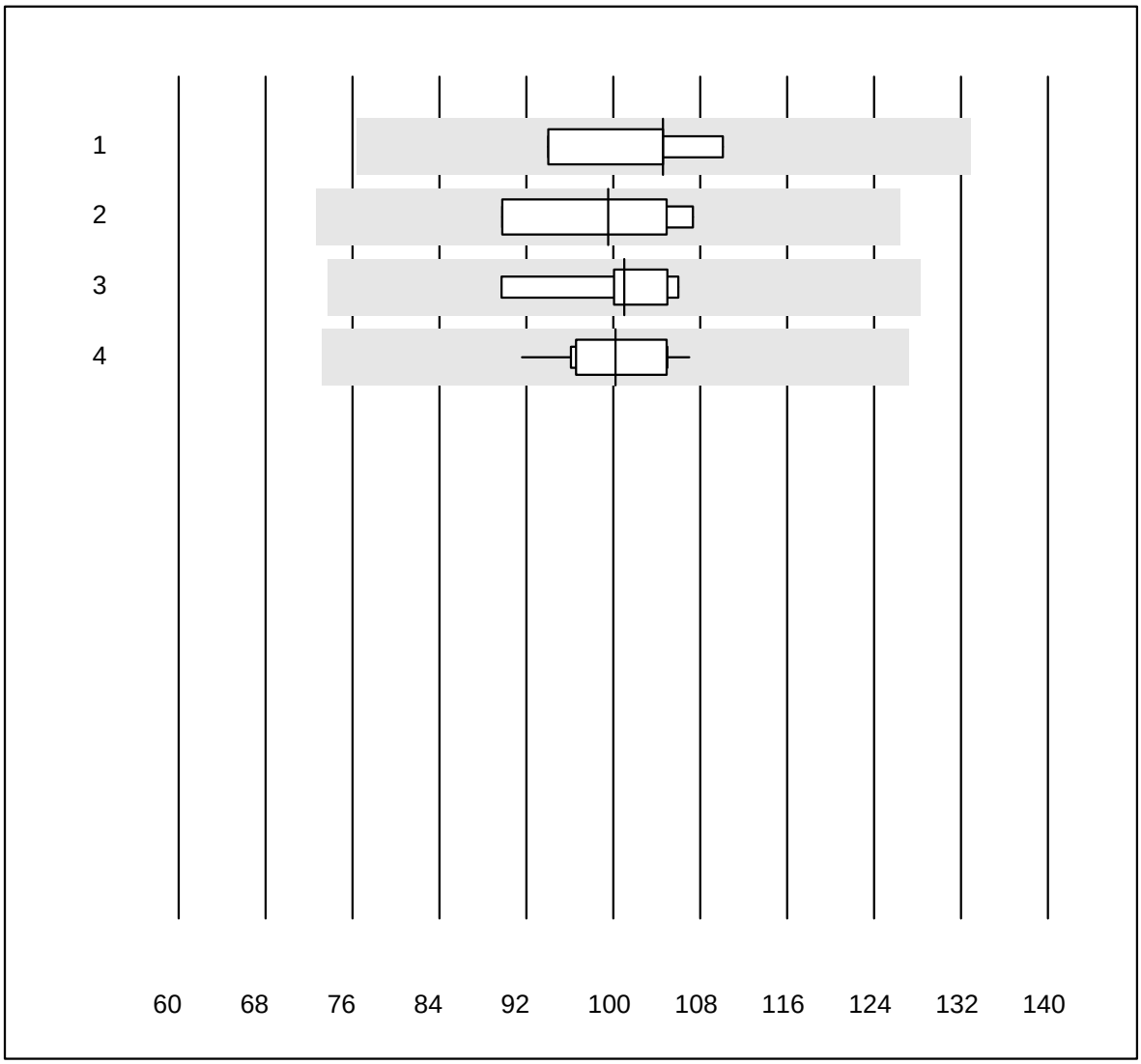


Tolleranza QUALAB : 24 %

Parathormon (pmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	4	100.0	0.0	0.0	3.3	5.5	e
2	Cobas PTH STAT	8	100.0	0.0	0.0	3.0	10.5	e*

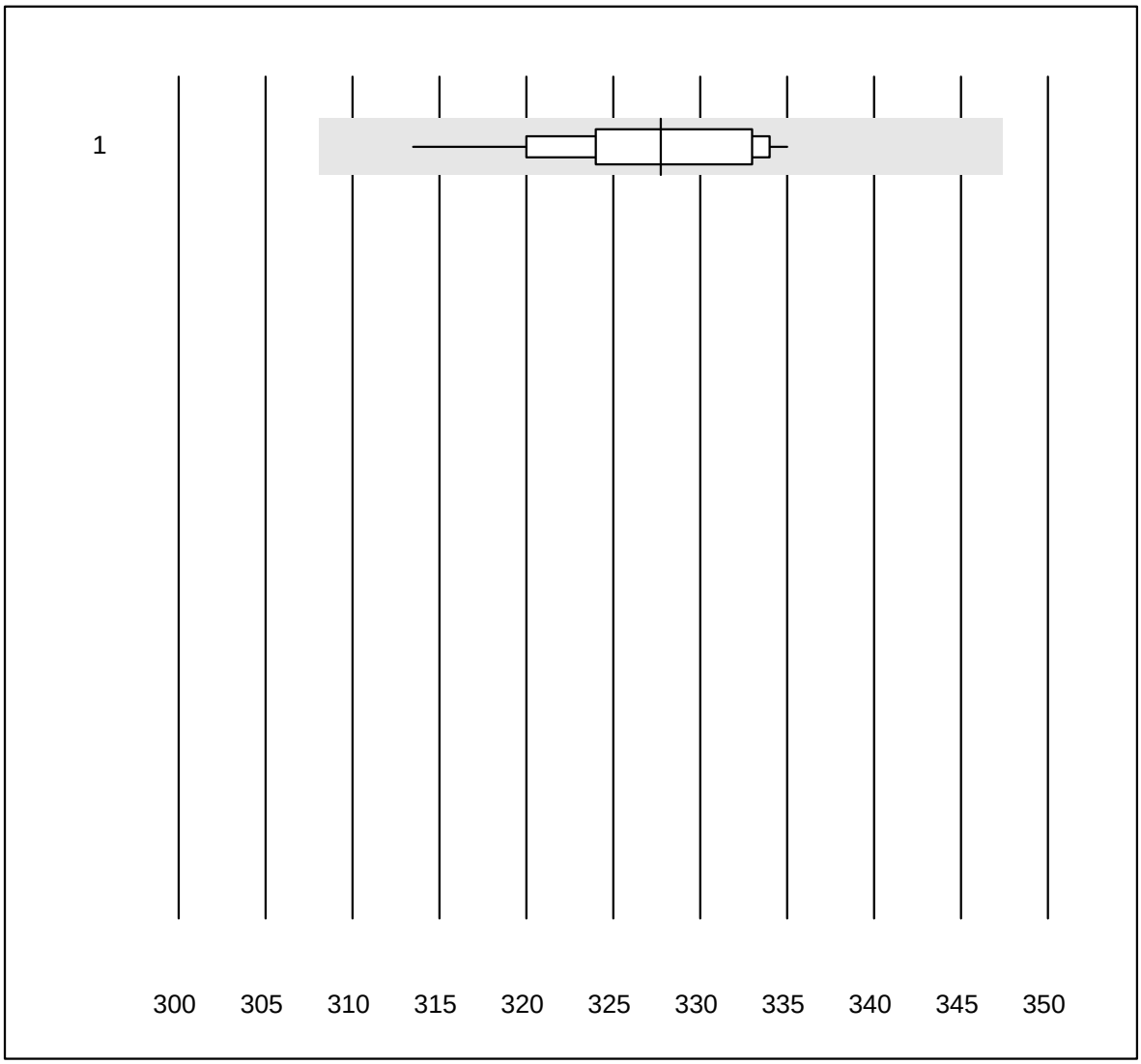
25-OH Vitamin D



Tolleranza QUALAB : 27 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	altro	5	80.0	0.0	20.0	104.6	6.5	e
2	Cobas	4	100.0	0.0	0.0	99.5	8.5	e*
3	VIDAS	5	100.0	0.0	0.0	101.0	6.4	e
4	Architect	11	100.0	0.0	0.0	100.2	4.5	e

Osmolalità

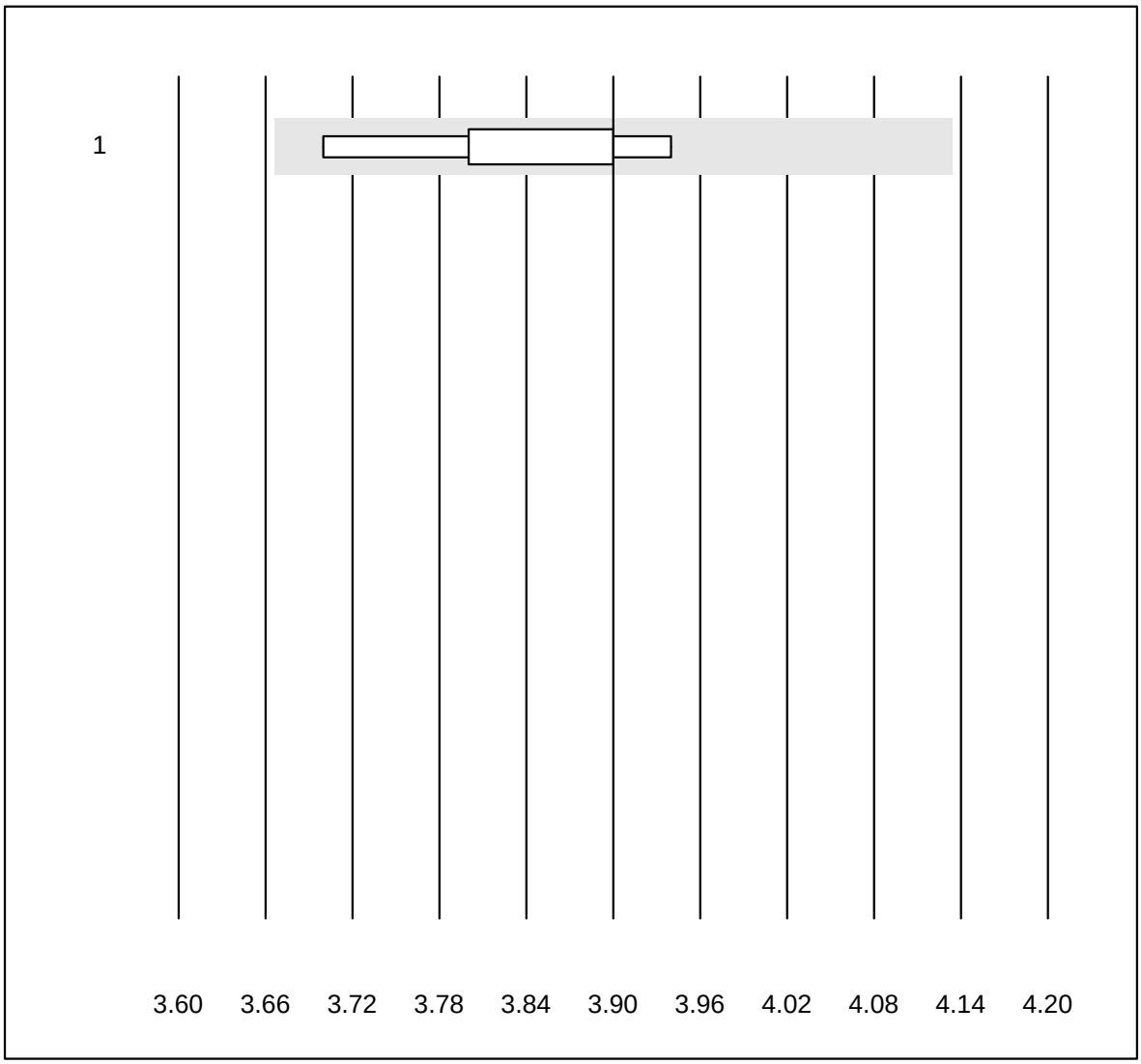


Tolleranza QUALAB : 6 %

Osmolalità (mosm/kg)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cryoscopie	14	100.0	0.0	0.0	328	1.8	e

Kalium - K22

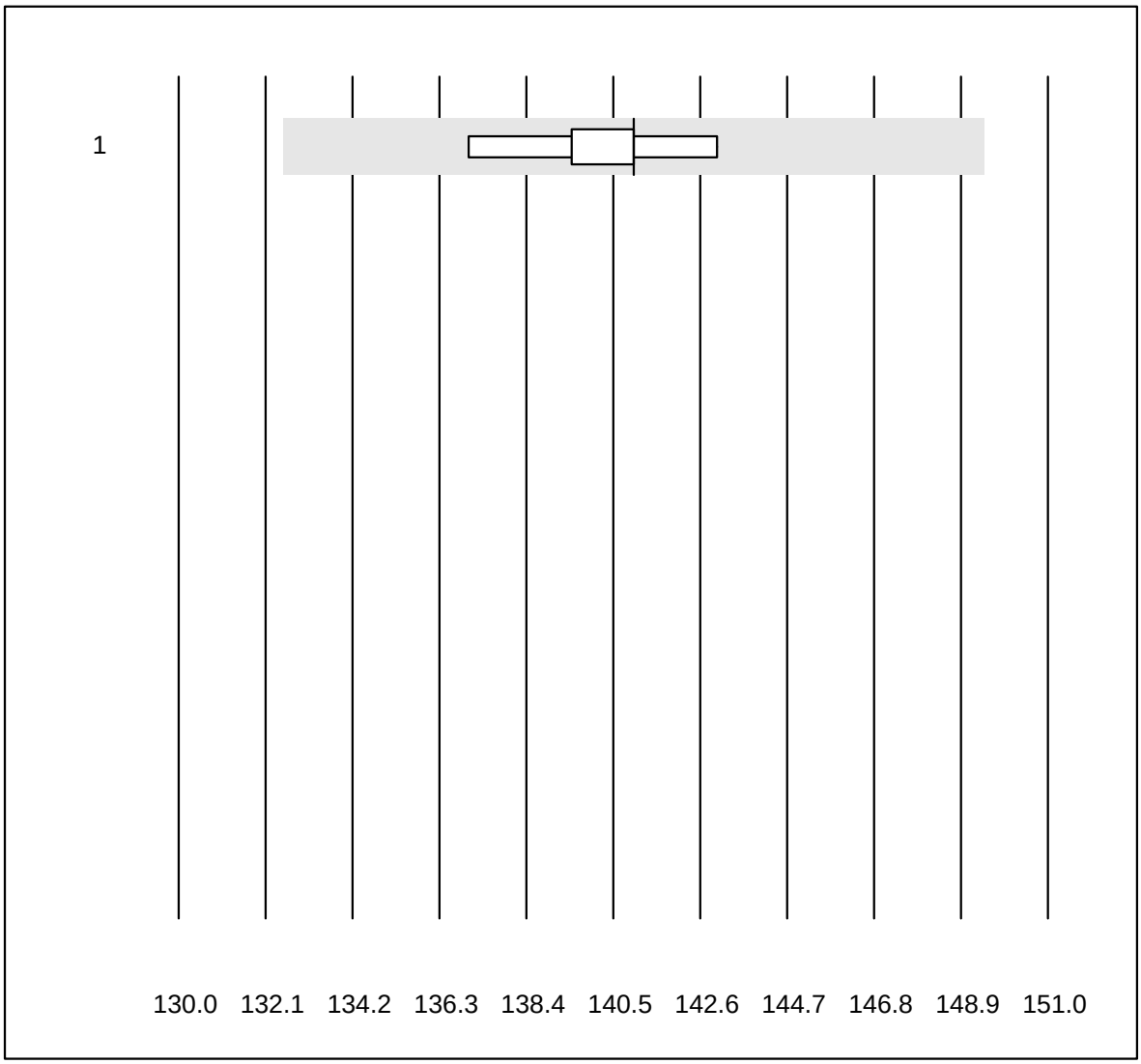


Tolleranza QUALAB : 6 %

Kalium - K22 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE	8	100.0	0.0	0.0	3.9	2.0	e

Natrium - K22

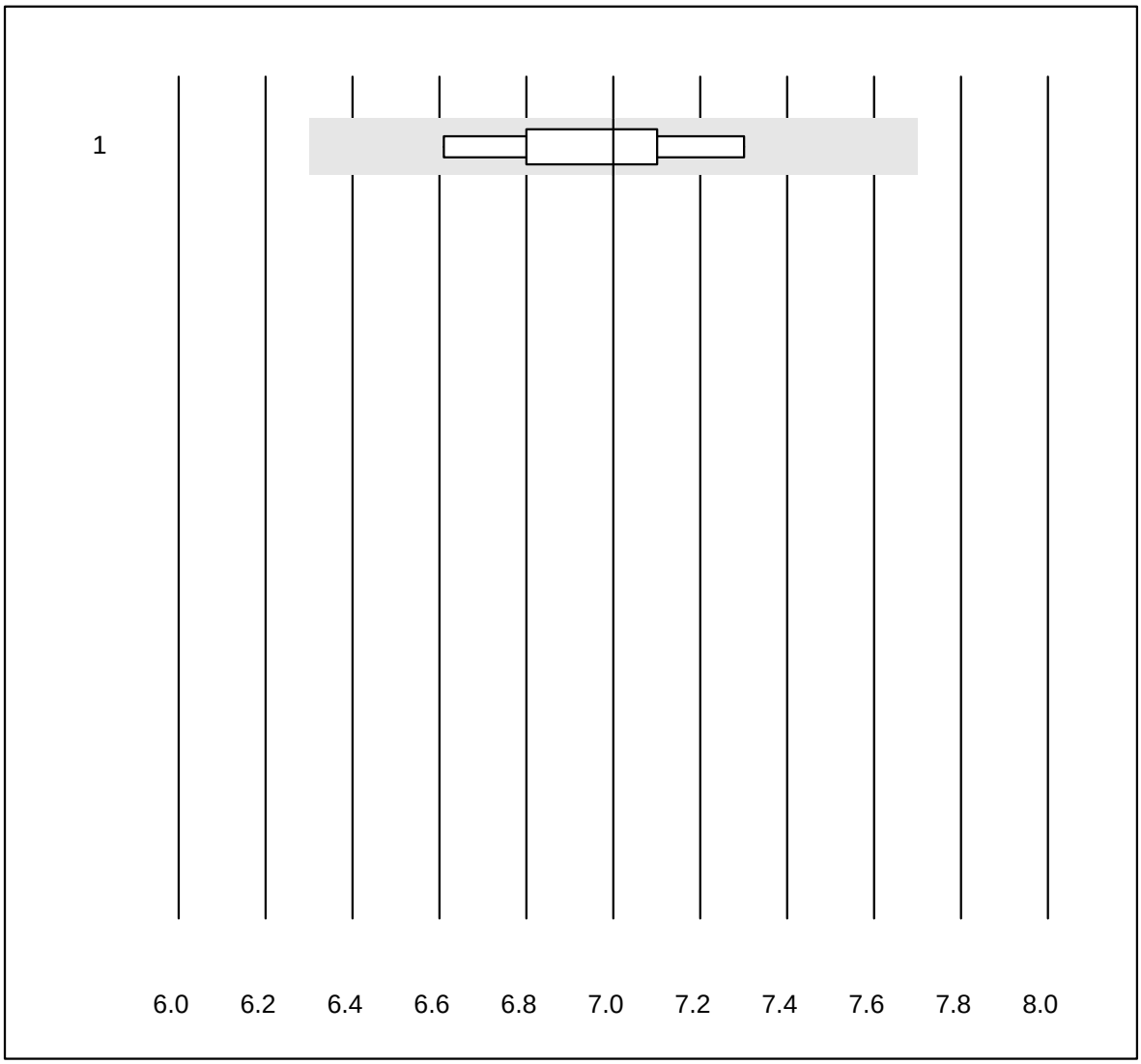


Tolleranza QUALAB : 6 %

Natrium - K22 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	ISE	8	100.0	0.0	0.0	141	1.3	e

Glukose - K22

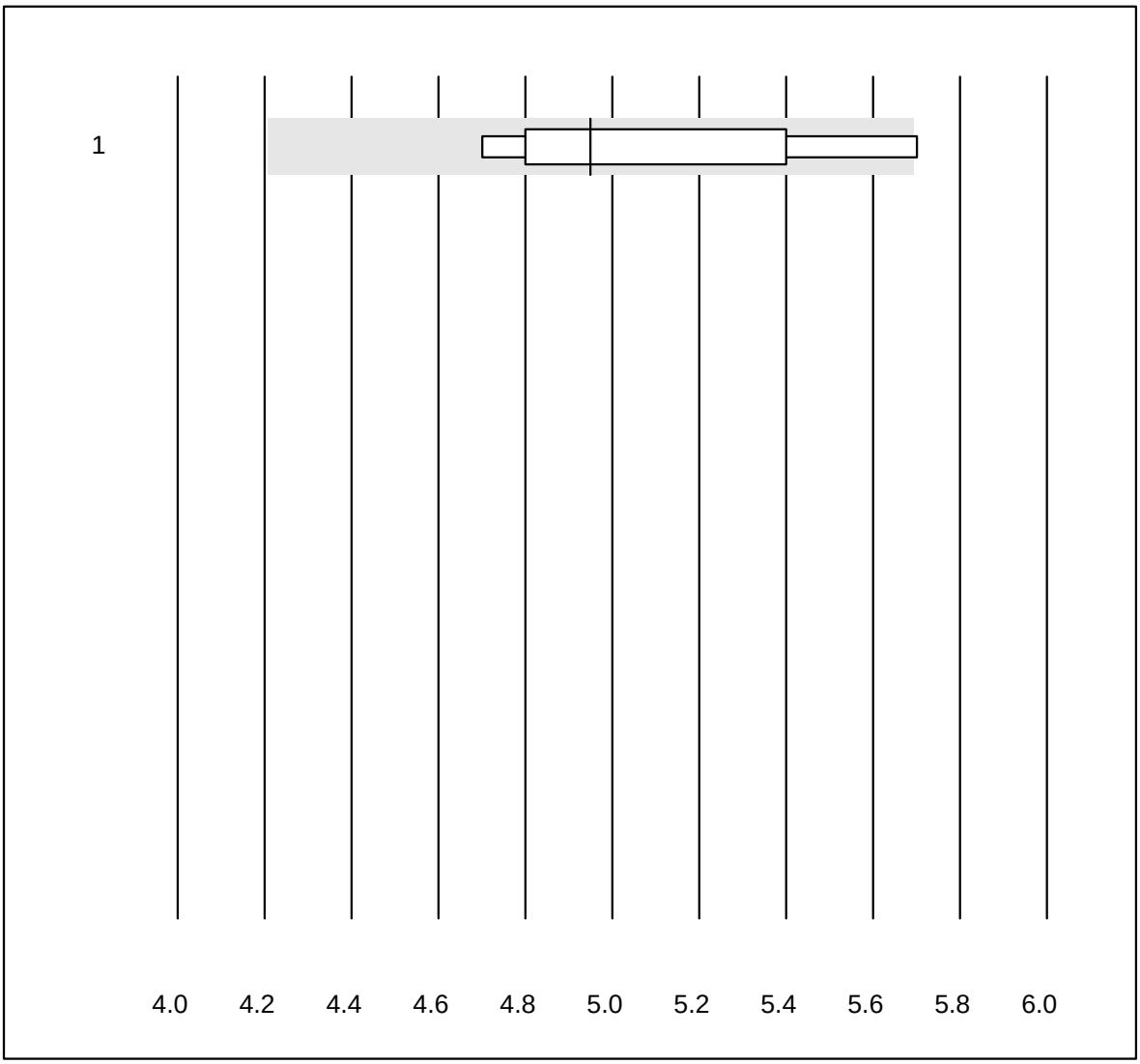


Tolleranza QUALAB : 10 %

Glukose - K22 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	8	100.0	0.0	0.0	7.0	3.1	e

Harnstoff - K22

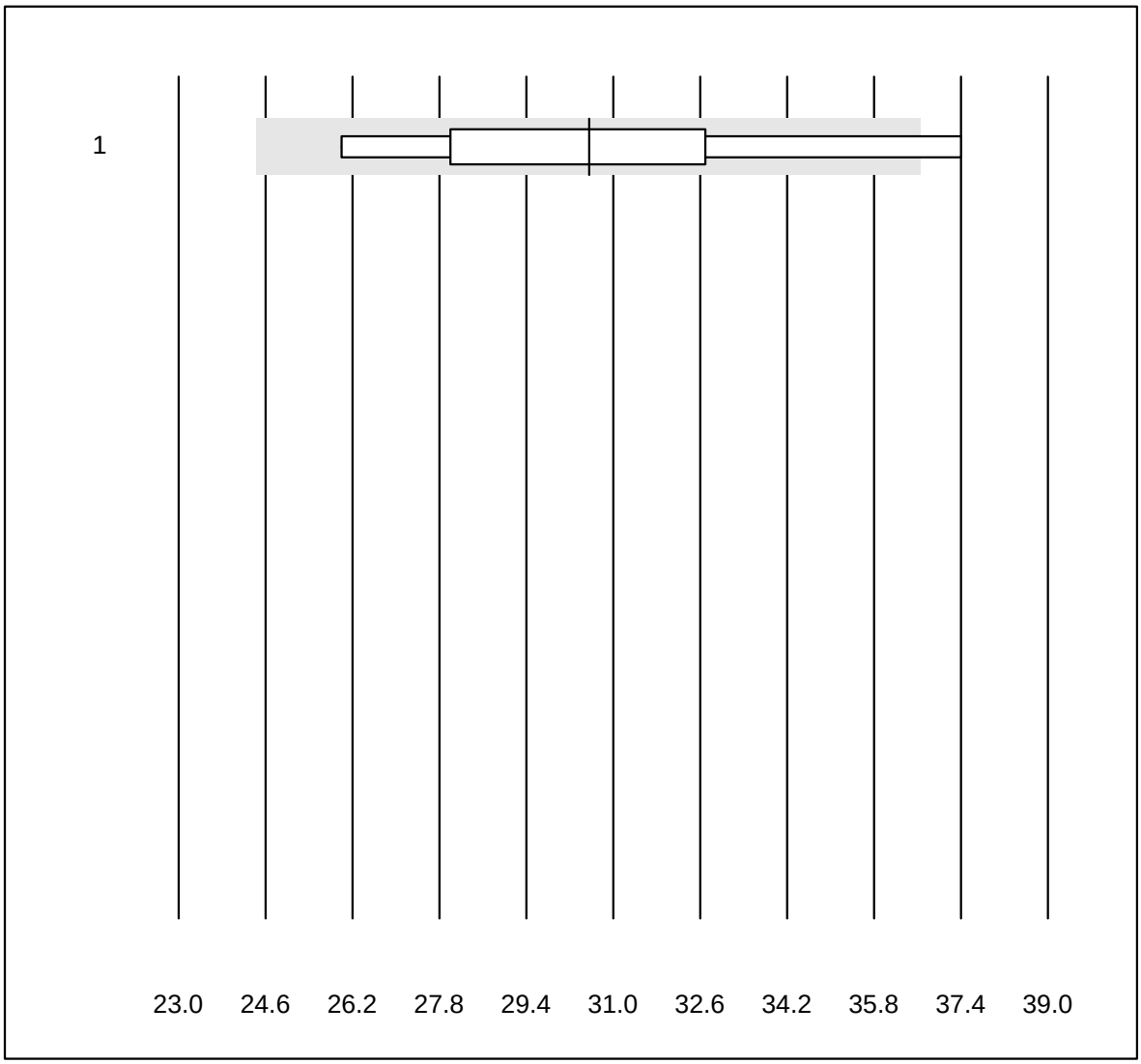


Tolleranza QUALAB : 15 %

Harnstoff - K22 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	8	75.0	12.5	12.5	5.0	7.5	e*

Osmotische Lücke

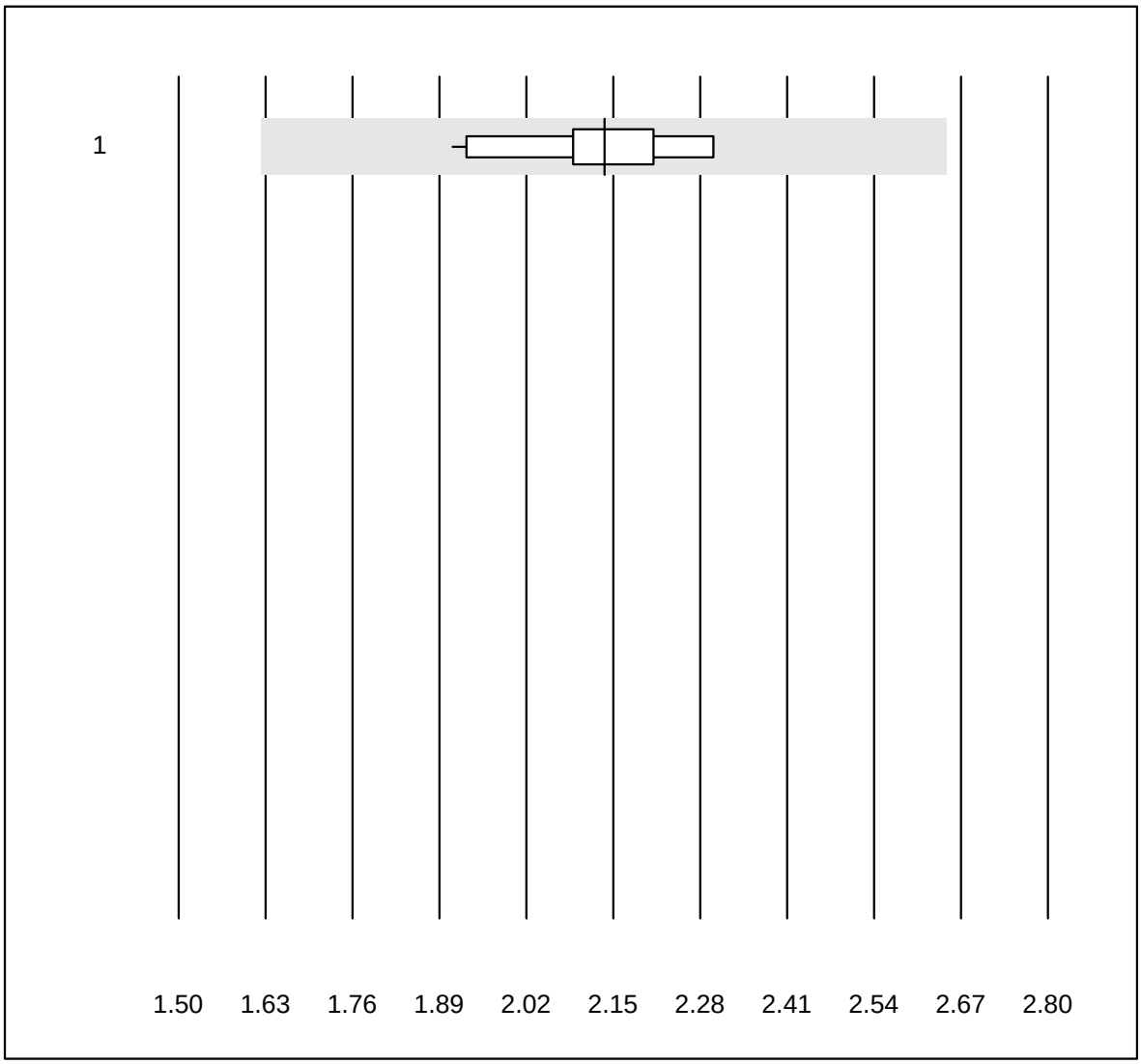


Tolleranza QUALAB : 20 %

Osmotische Lücke (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Formel 1 (2Na+K+Glu+	8	87.5	12.5	0.0	30.6	11.3	e*

Digoxin

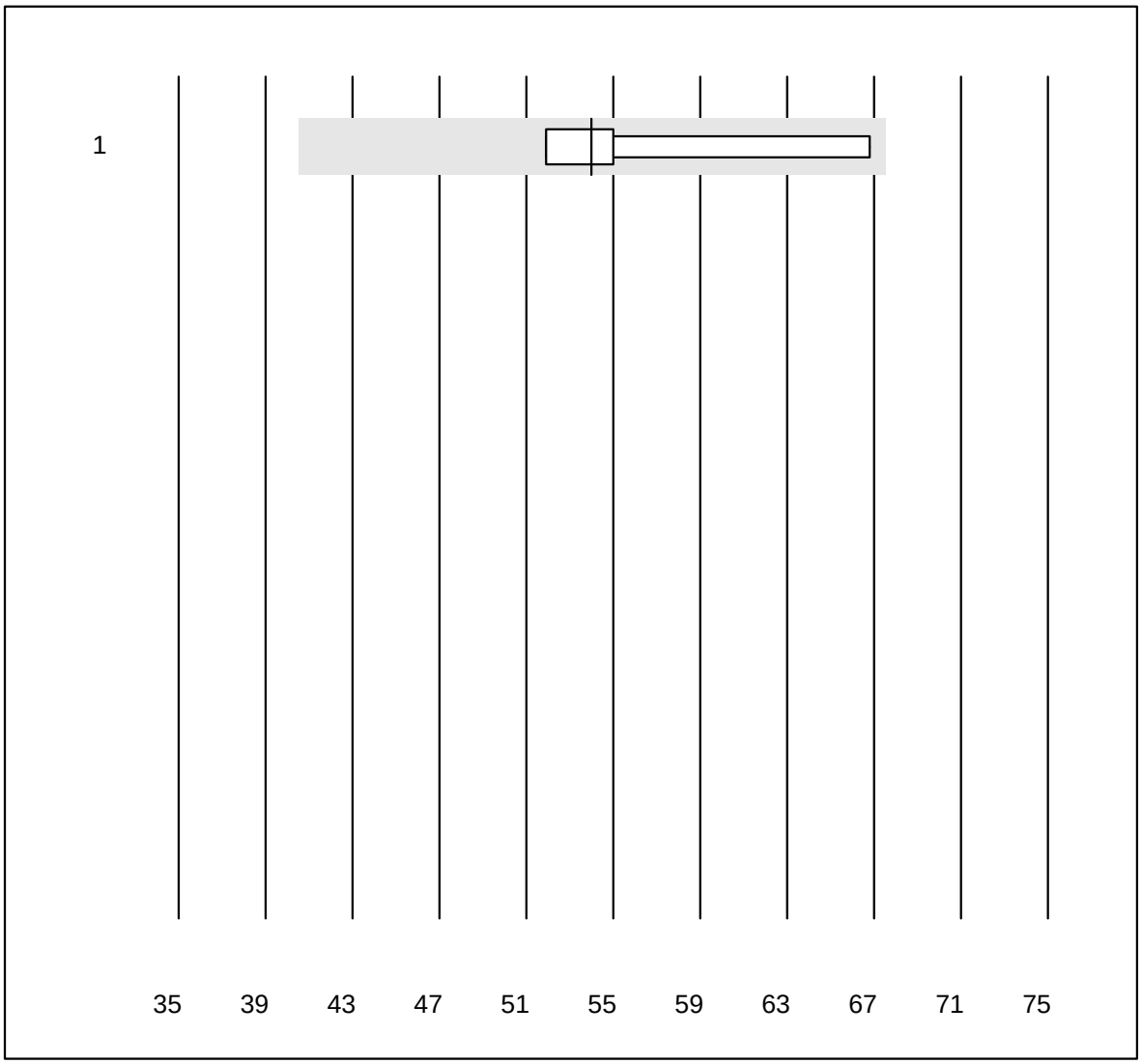


Tolleranza QUALAB : 24 %

Digoxin (nmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	altro	13	100.0	0.0	0.0	2.14	6.0	e

Phenytoin

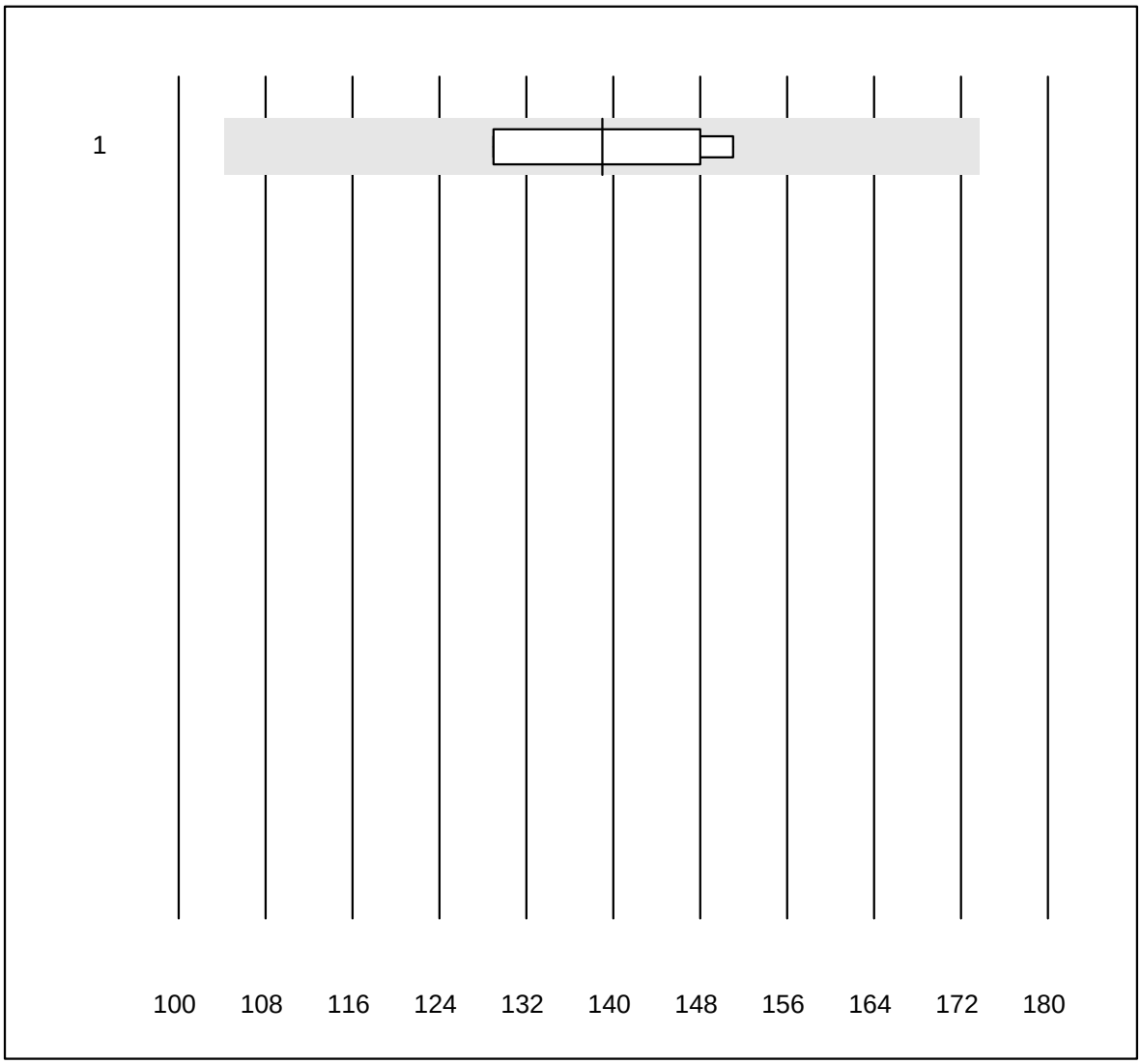


Tolleranza QUALAB : 25 %

Phenytoin (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	54	12.1	e*

Phenobarbital

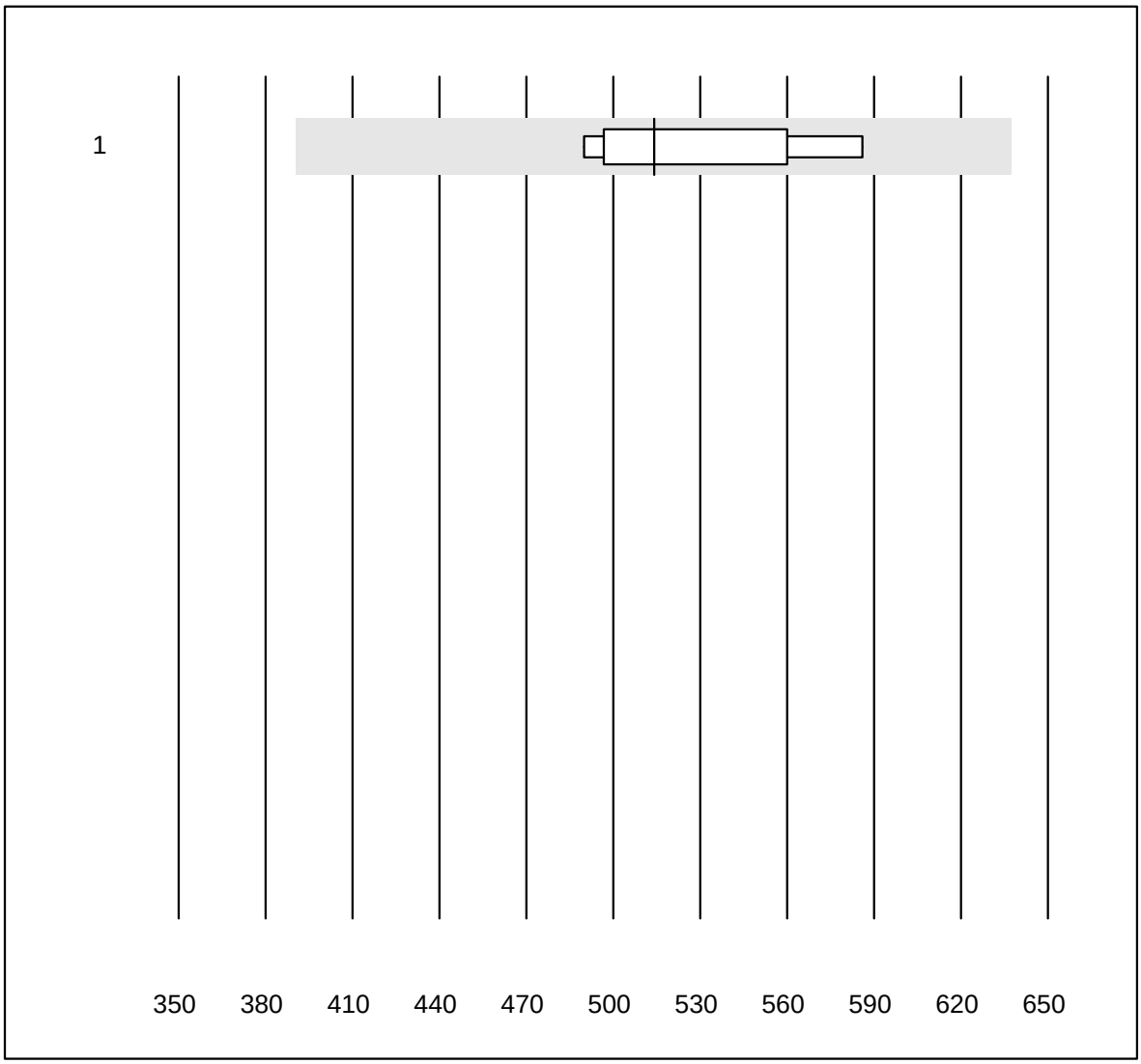


Tolleranza QUALAB : 25 %

Phenobarbital (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	139	8.3	e*

Valproat

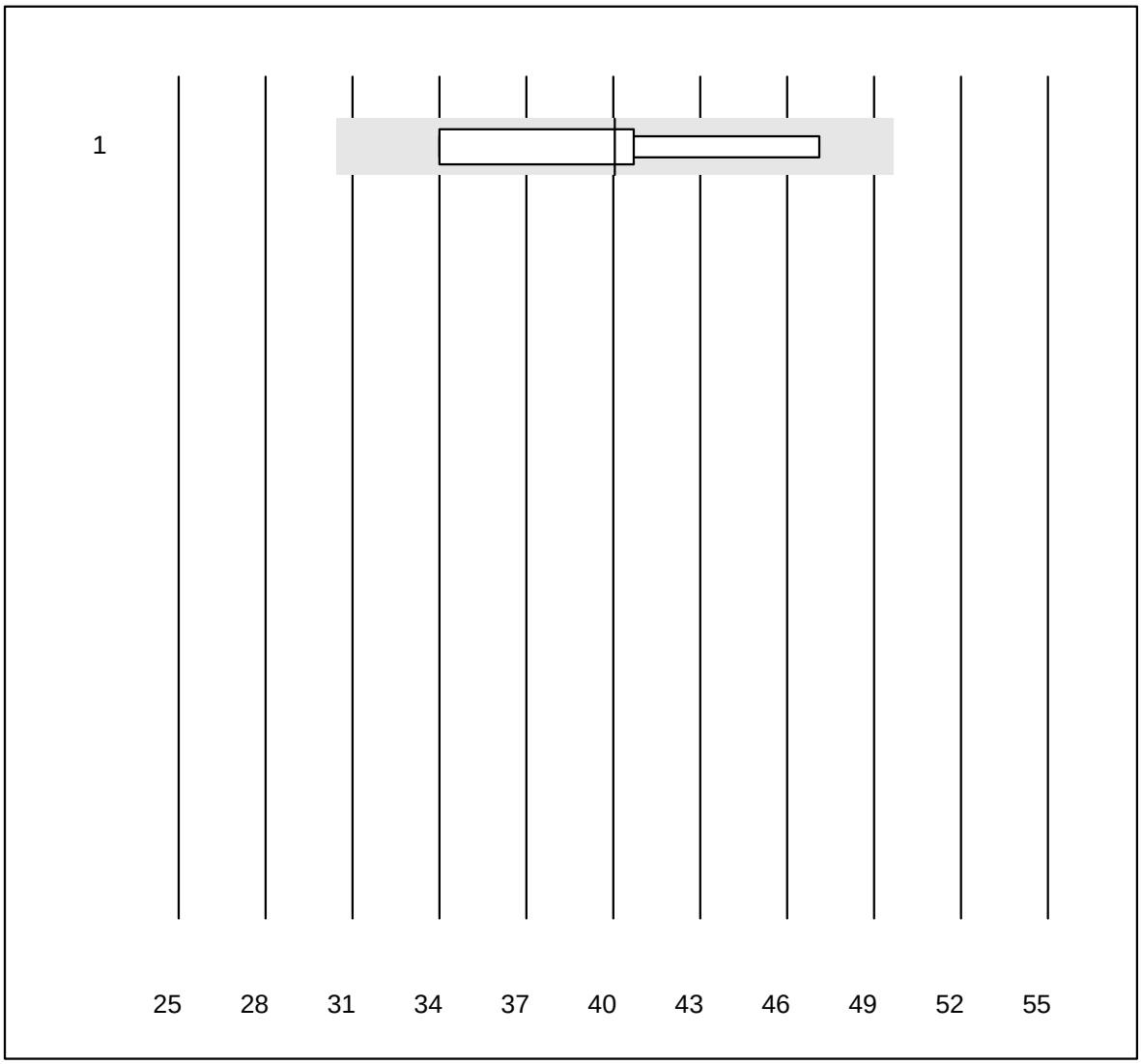


Tolleranza QUALAB : 24 %

Valproat (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	6	100.0	0.0	0.0	514.0	7.2	e*

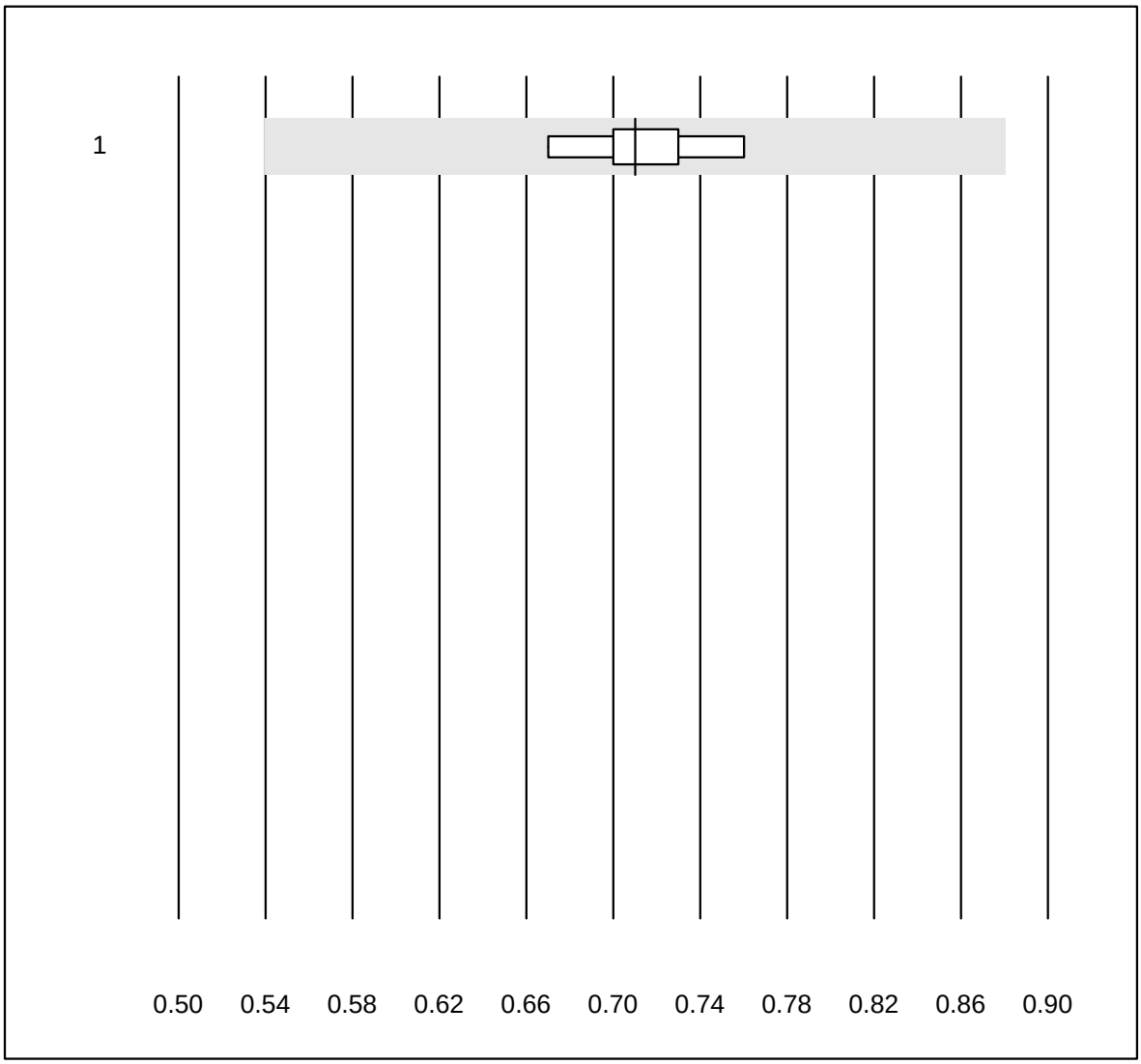
Carbamazepin



Tolleranza QUALAB : 24 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	40.1	13.4	e*

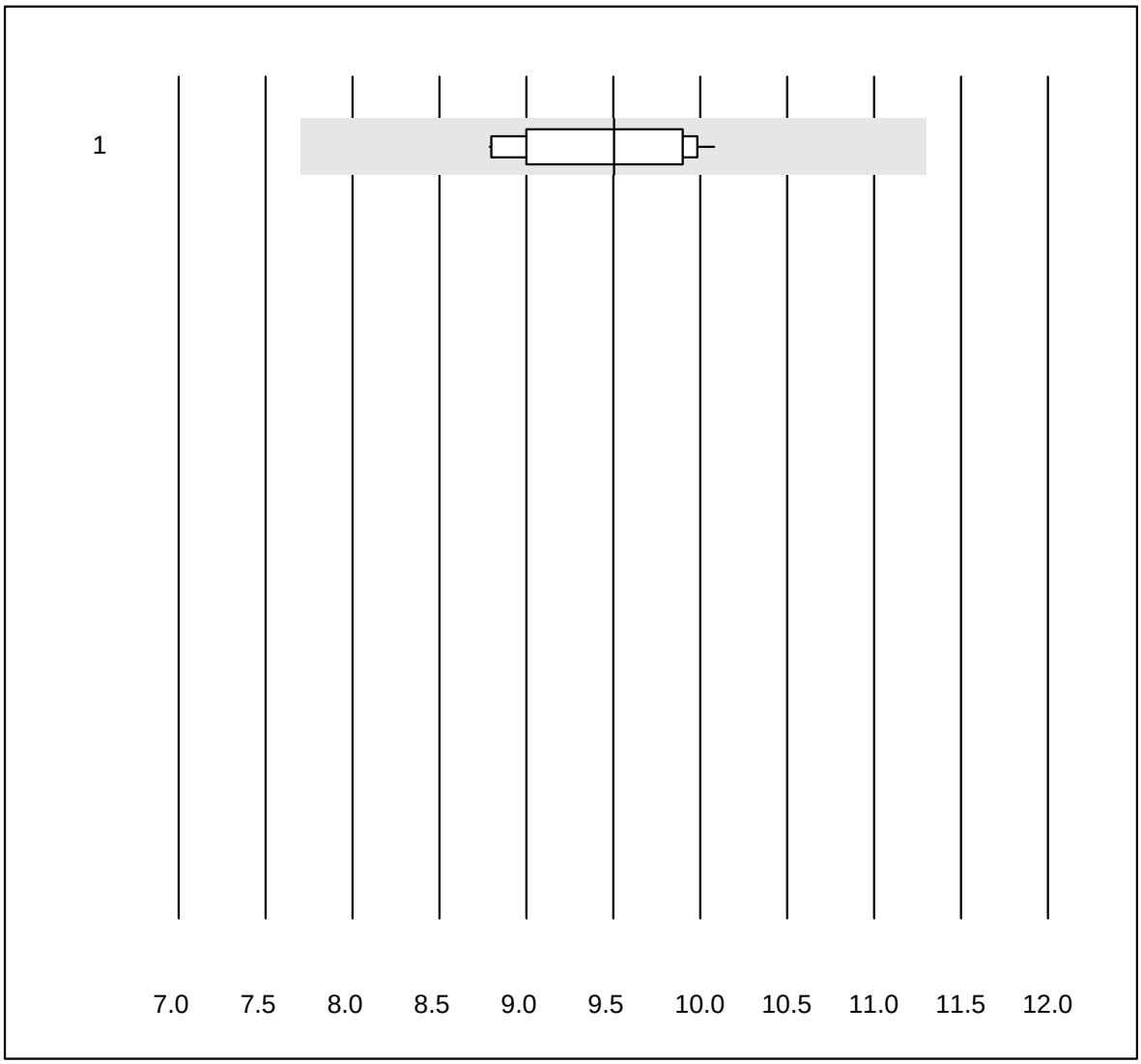
Cystatin C



Tolleranza QUALAB : 24 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	9	100.0	0.0	0.0	0.7	3.9	e

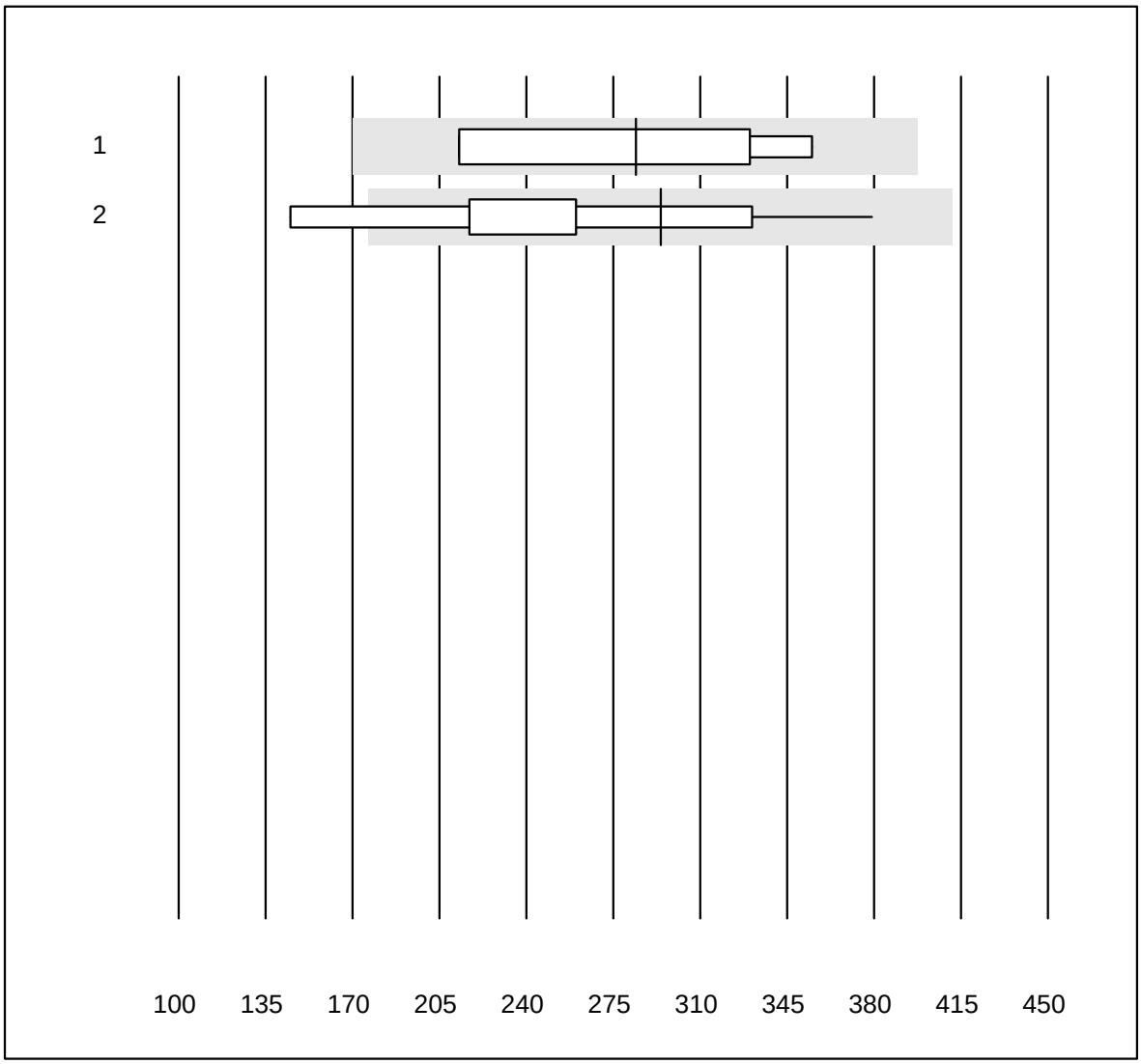
Etanolo



Tolleranza QUALAB : 18 %
(< 10.0: +/- 1.8 mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	14	92.9	0.0	7.1	9.5	5.2	e

Calprotectin

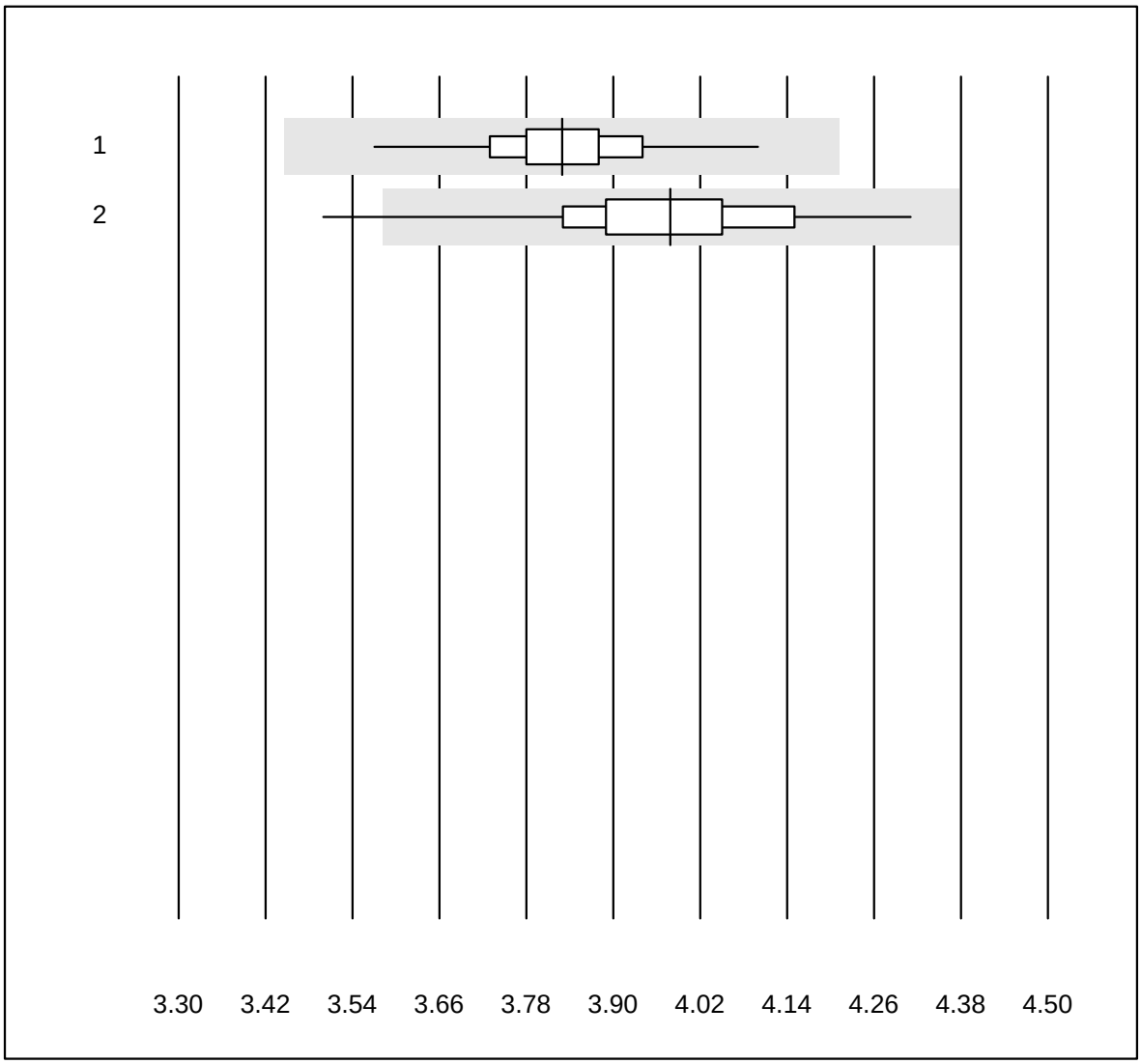


Tolleranza QUALAB : 40 %

Calprotectin (µg/g)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	altro	5	80.0	0.0	20.0	284	24.9	a
2	Bühlmann	12	75.0	8.3	16.7	294	26.6	a

Colesterolo Af/b101

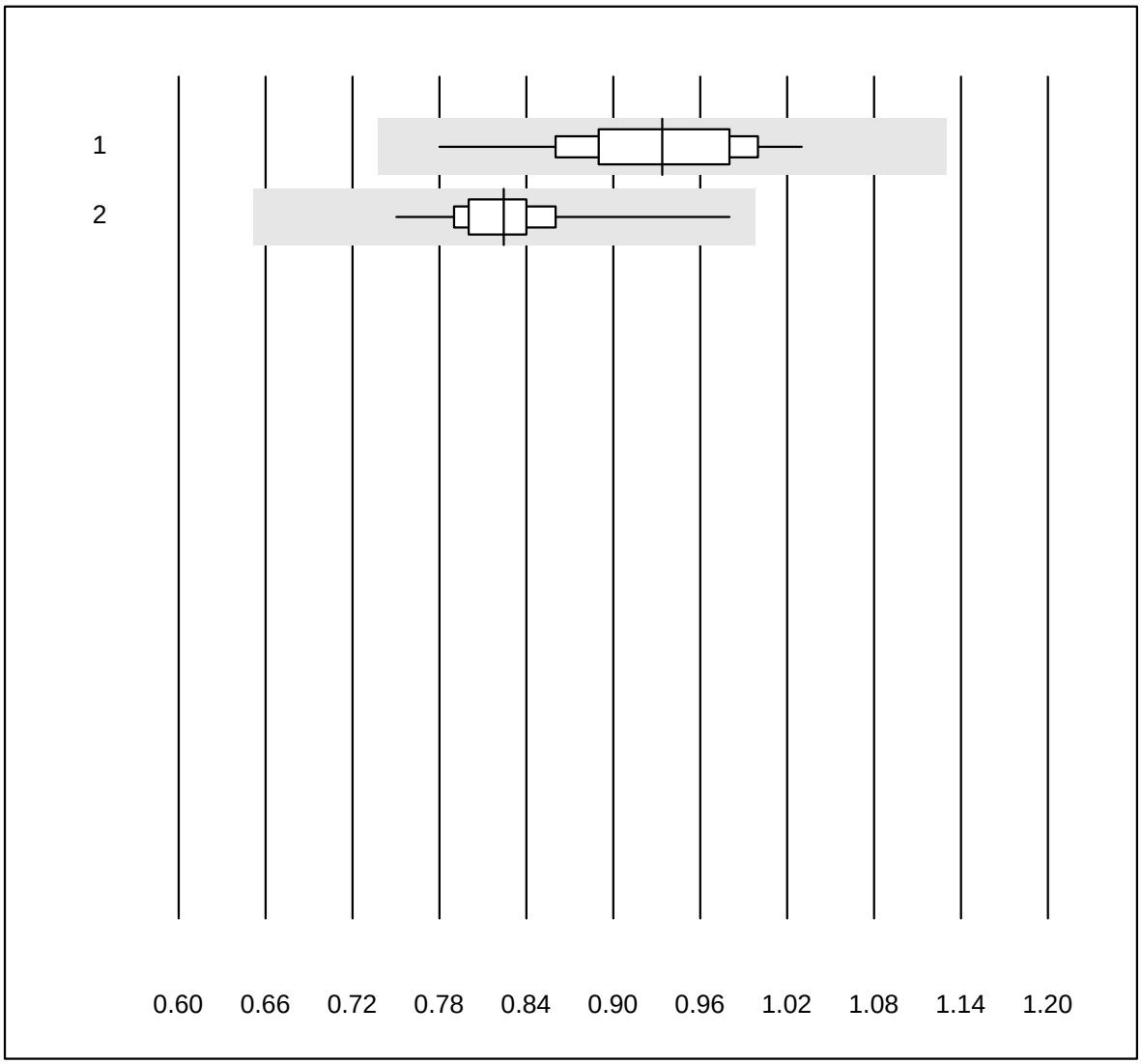


Tolleranza QUALAB : 10 %

Colesterolo Af/b101 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b101	55	96.4	0.0	3.6	3.83	2.4	e
2	Afinion	332	99.1	0.3	0.6	3.98	3.2	e

Colesterolo HDL Af/b101

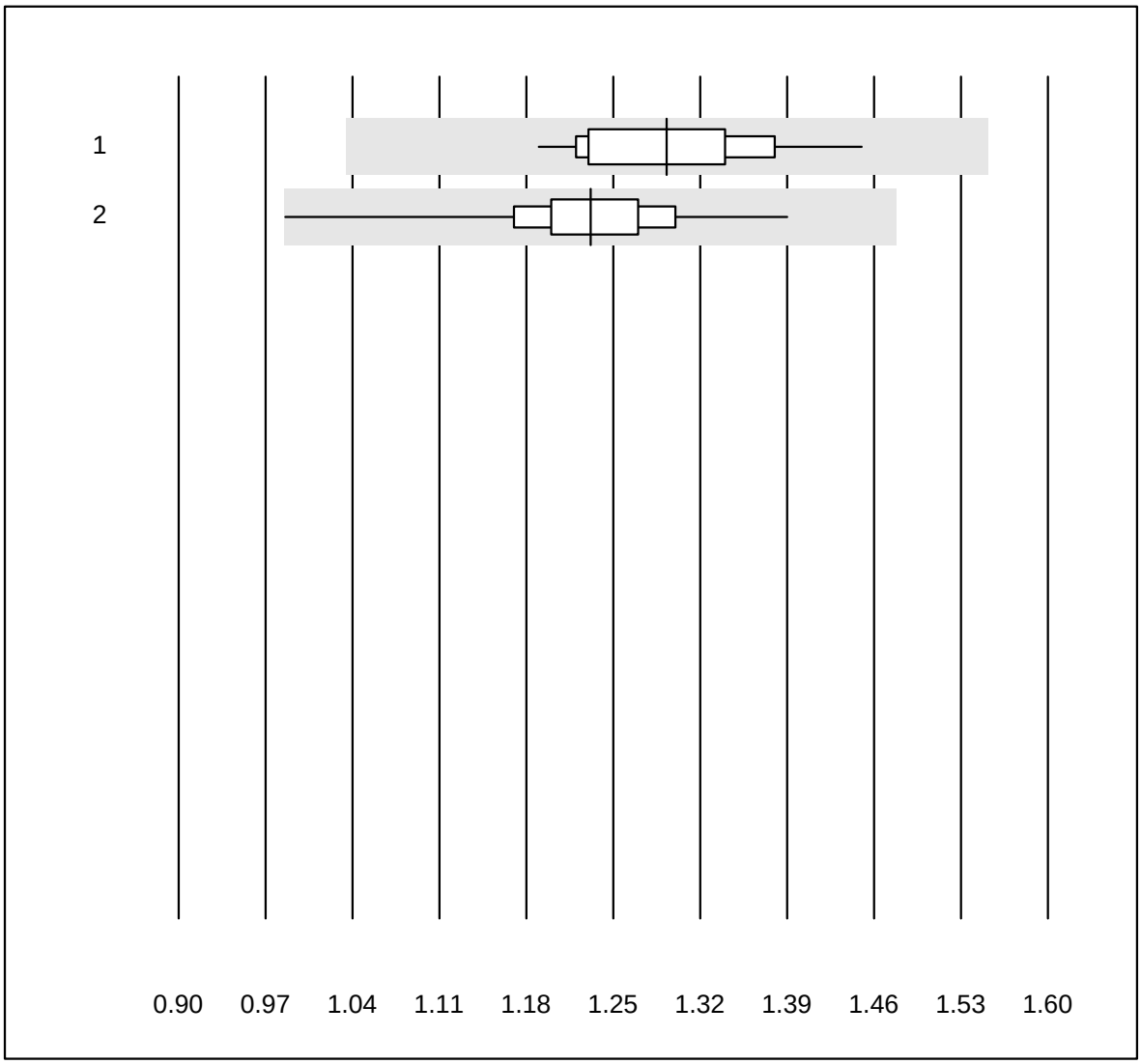


Tolleranza QUALAB : 21 %

Colesterolo HDL Af/b101 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b101	55	92.7	0.0	7.3	0.93	6.0	e
2	Afinion	326	96.3	0.0	3.7	0.82	3.8	e

Trigliceridi Af/b101

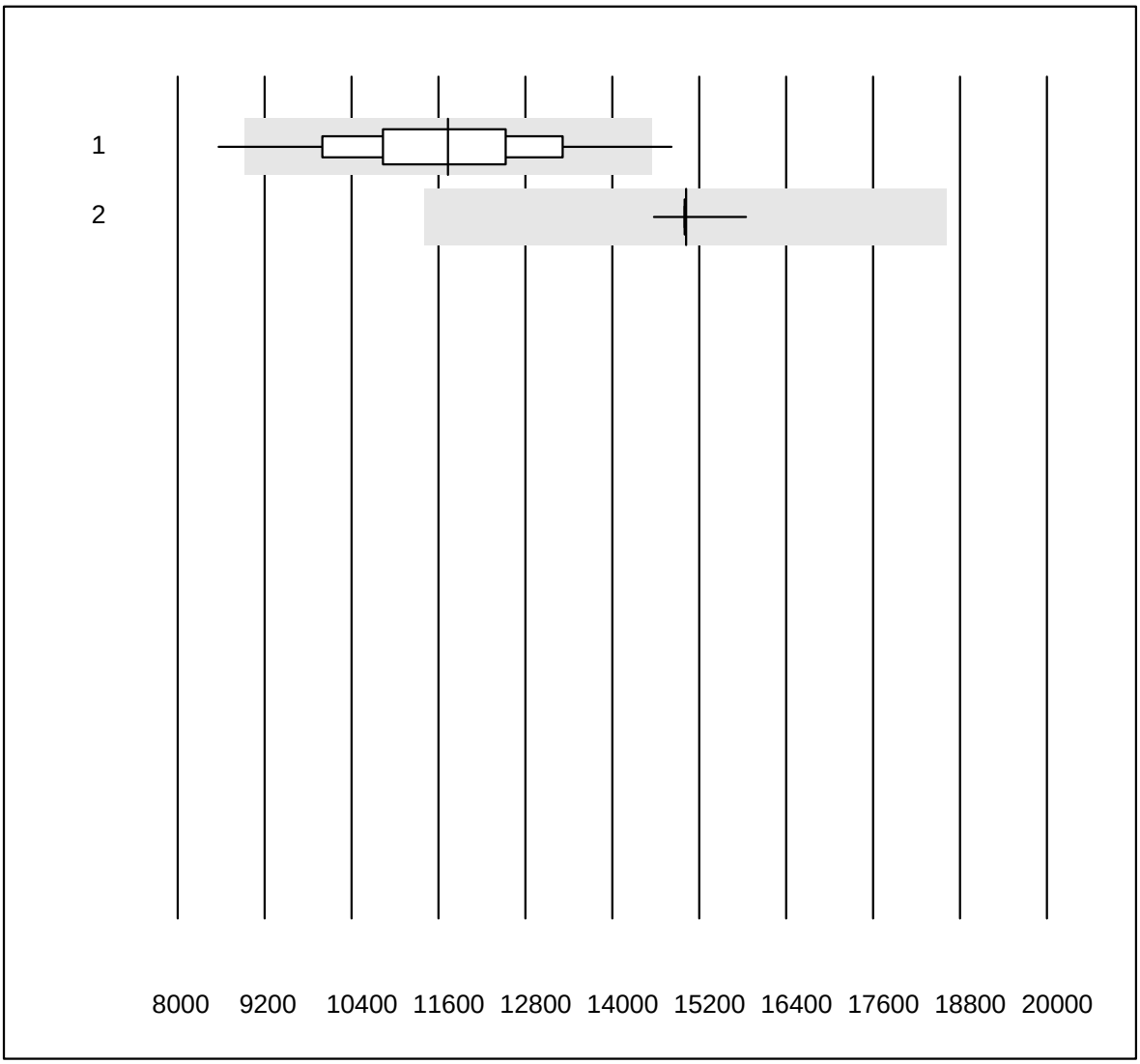


Tolleranza QUALAB : 20 %

Trigliceridi Af/b101 (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas b101	53	96.2	0.0	3.8	1.29	4.9	e
2	Afinion	330	99.4	0.0	0.6	1.23	4.5	e

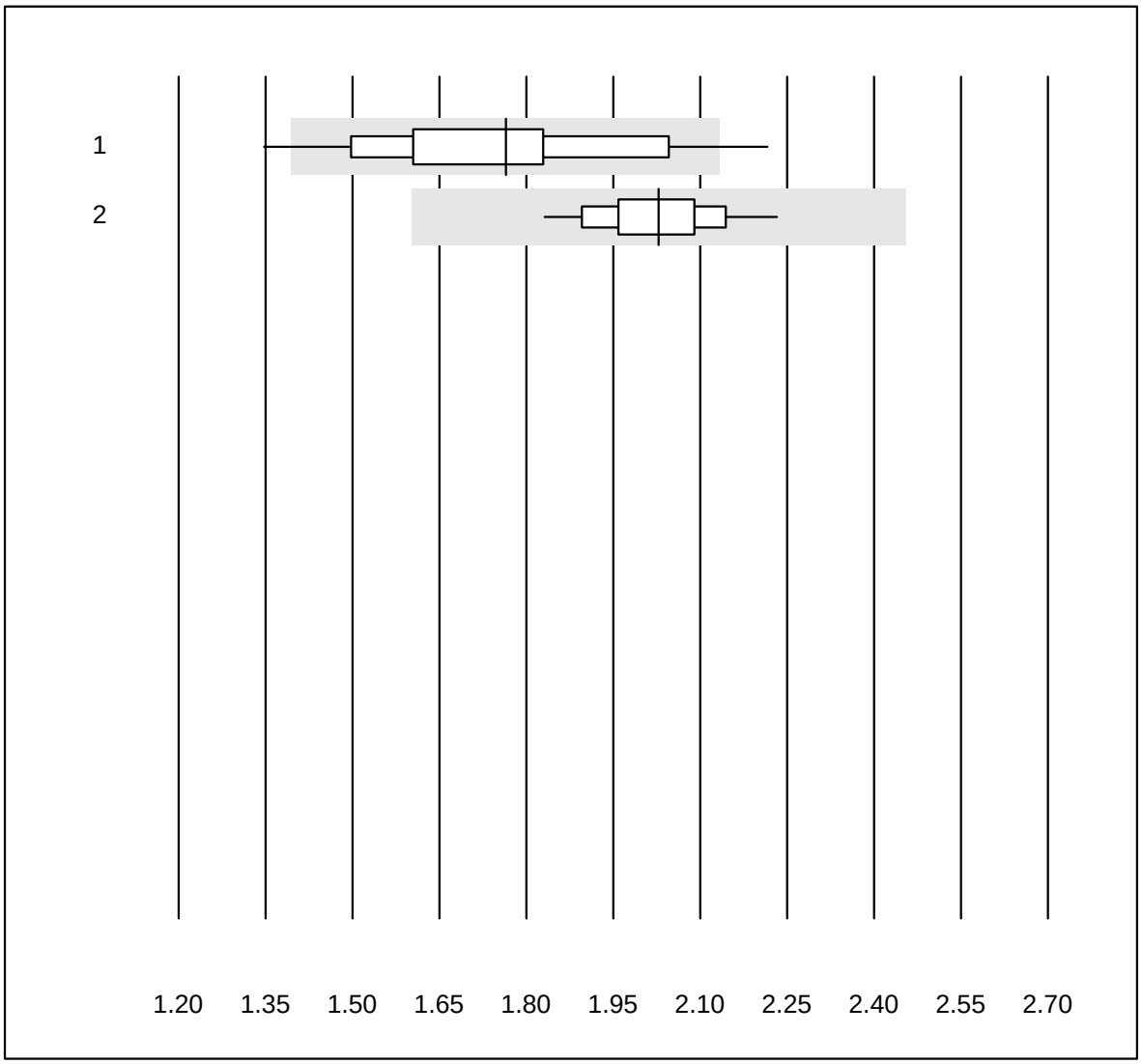
Troponina I S



Tolleranza QUALAB : 24 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Samsung LABGEO IB10	45	95.6	4.4	0.0	11727.46	11.6	e
2	AFIAS	30	96.7	0.0	3.3	15015.00	1.2	e

D Dimeri qn S

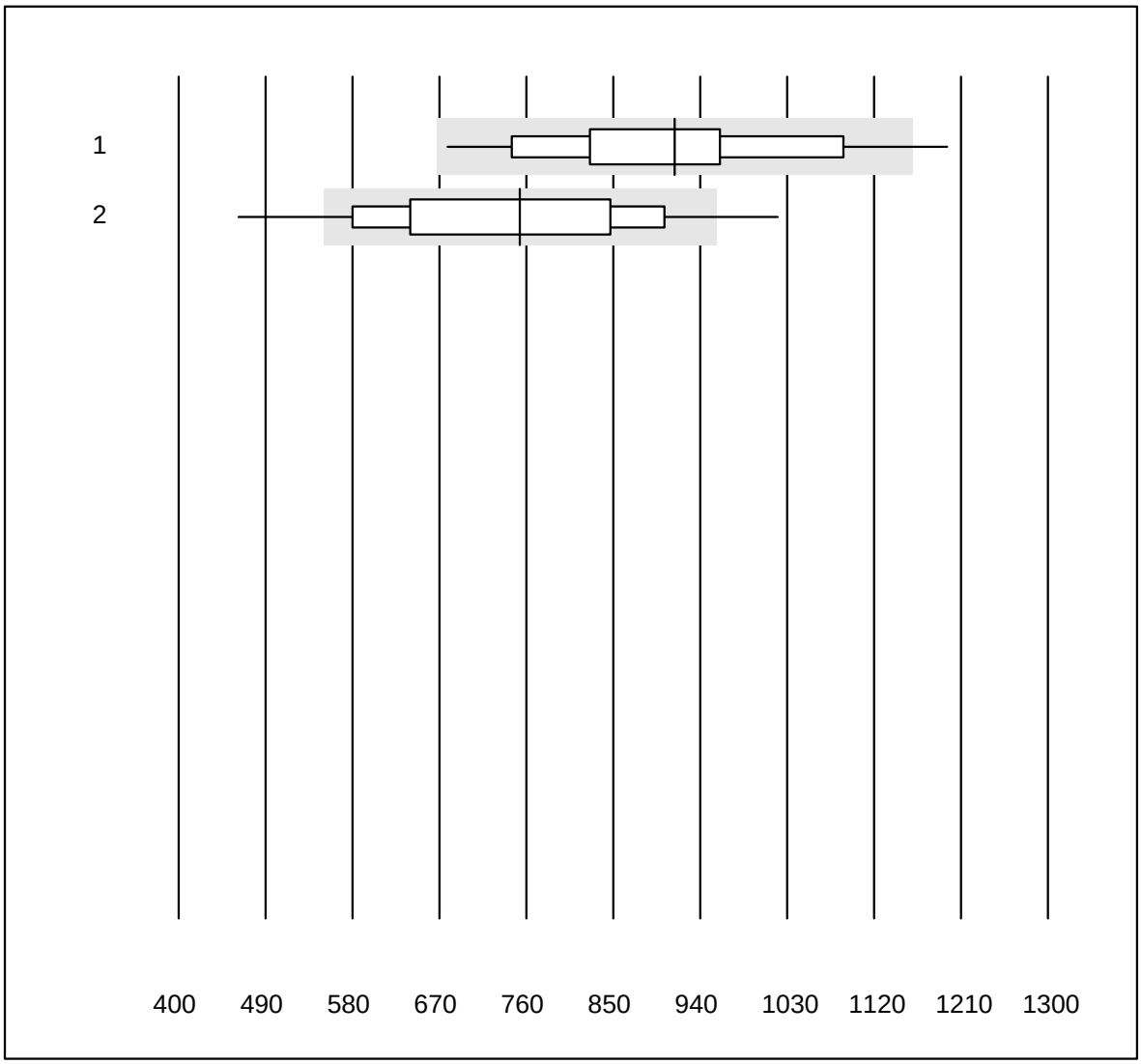


Tolleranza QUALAB : 21 %

D Dimeri qn S (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Samsung LABGEO IB10	59	86.4	3.4	10.2	1.76	11.7	e
2	AFIAS	34	91.2	0.0	8.8	2.03	4.6	e

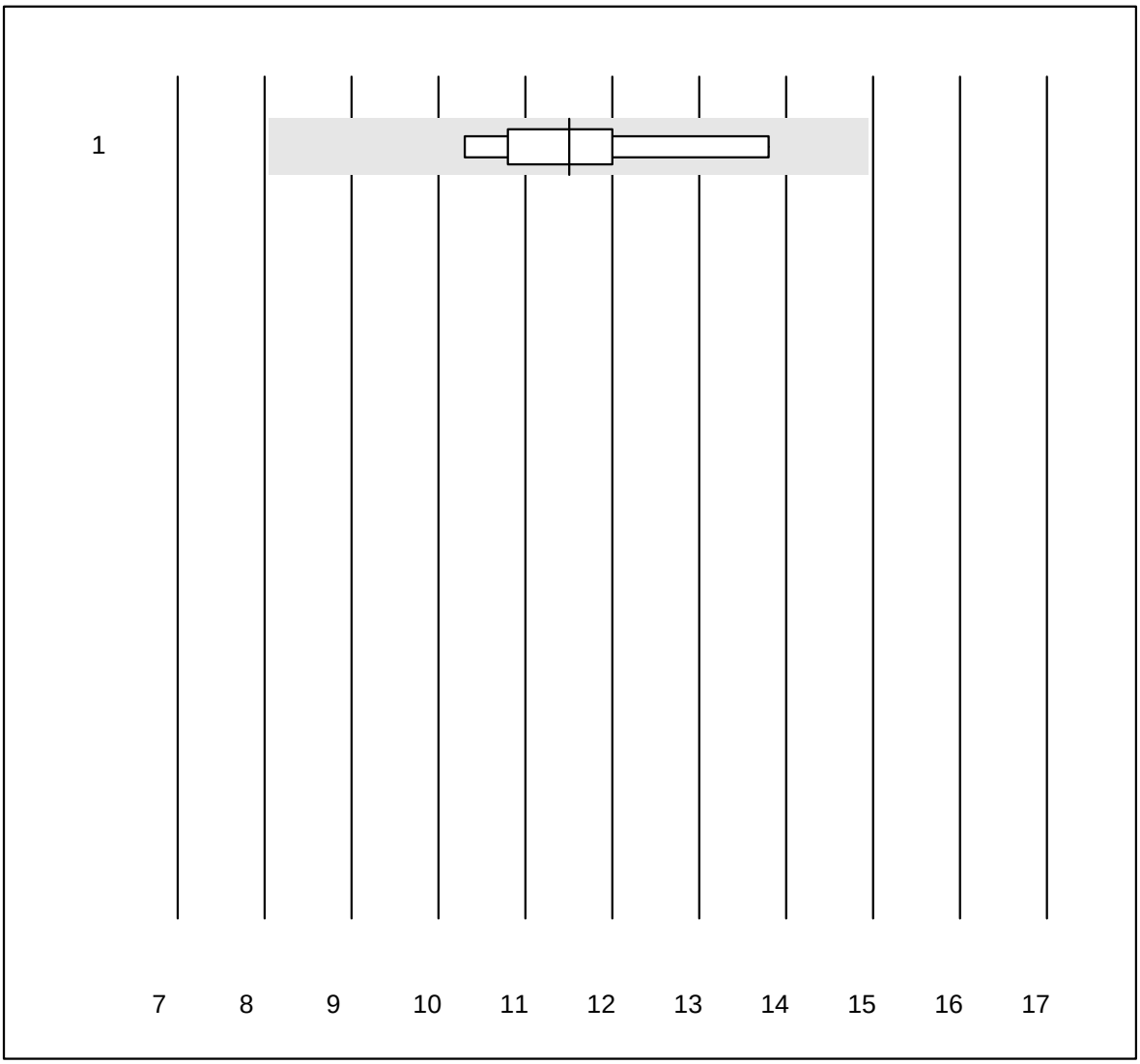
NT-pro BNP S



Tolleranza QUALAB : 27 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Samsung LABGEO IB10	38	94.7	5.3	0.0	913.5	13.5	e
2	AFIAS	24	83.4	8.3	8.3	753.5	18.5	e*

Homocystein

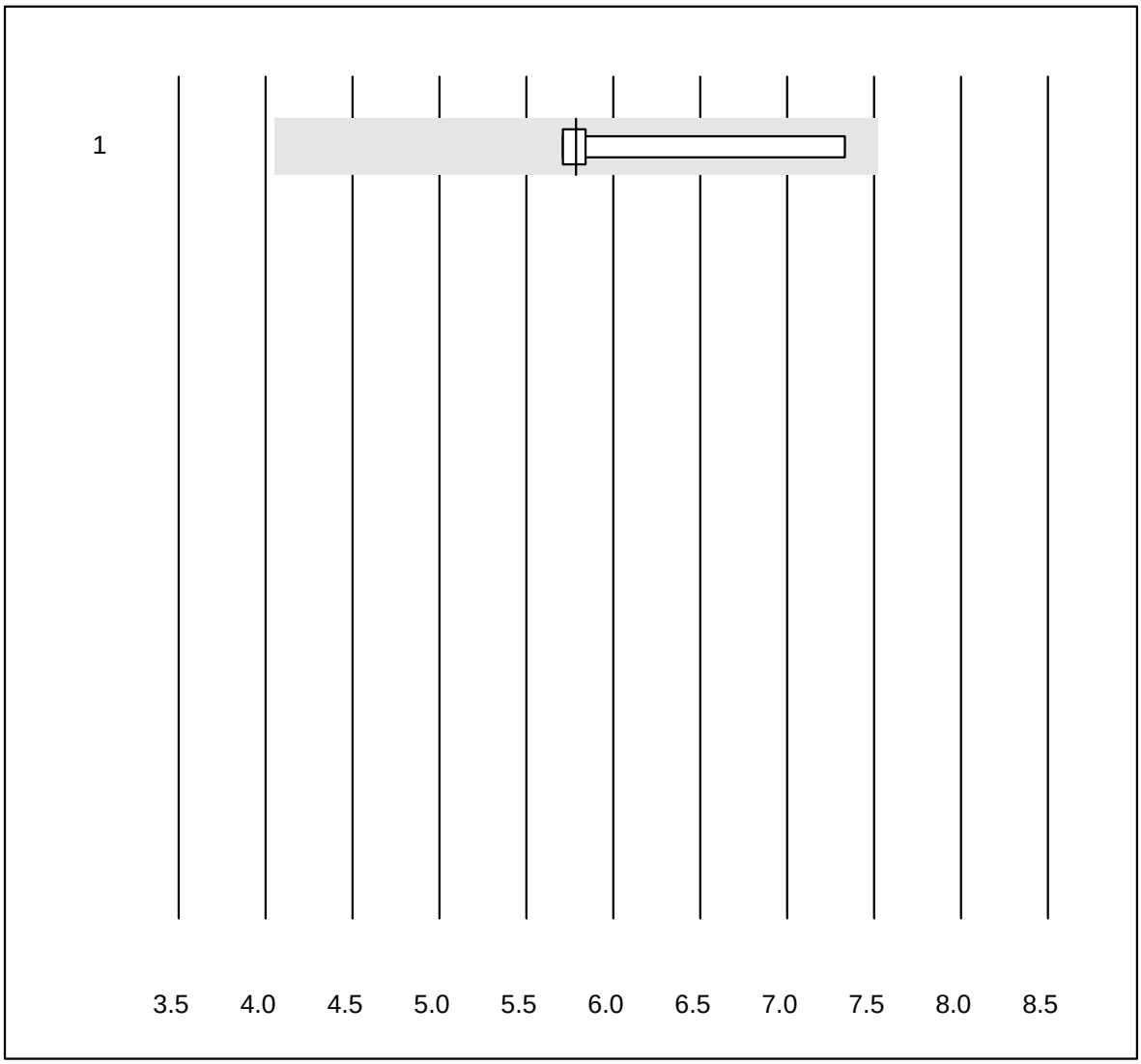


Tolleranza QUALAB : 30 %

Homocystein (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	7	100.0	0.0	0.0	11.5	9.5	e*

Colinesterasi

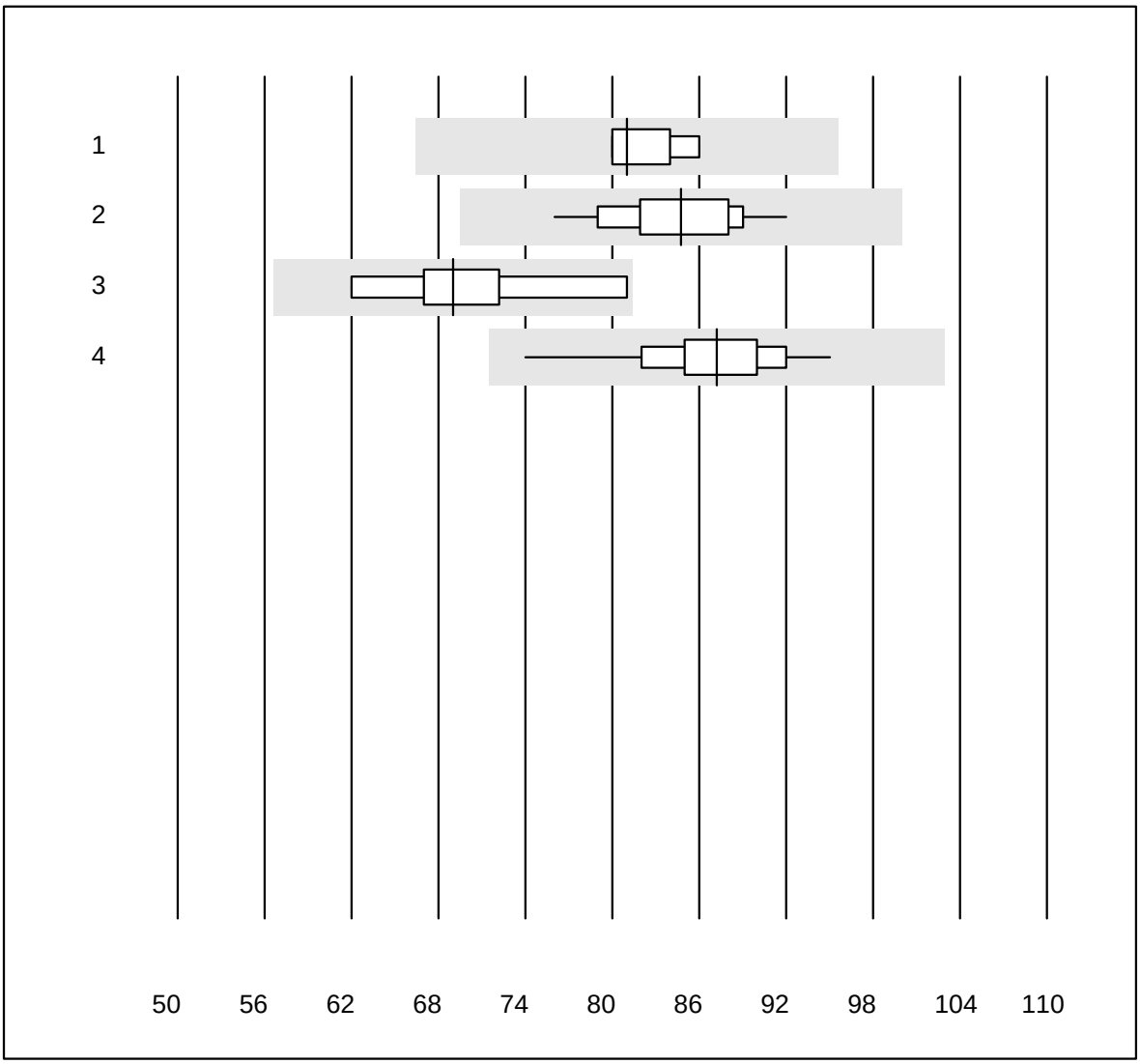


Tolleranza QUALAB : 30 %

Colinesterasi (kU/L)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	5.8	12.8	e*

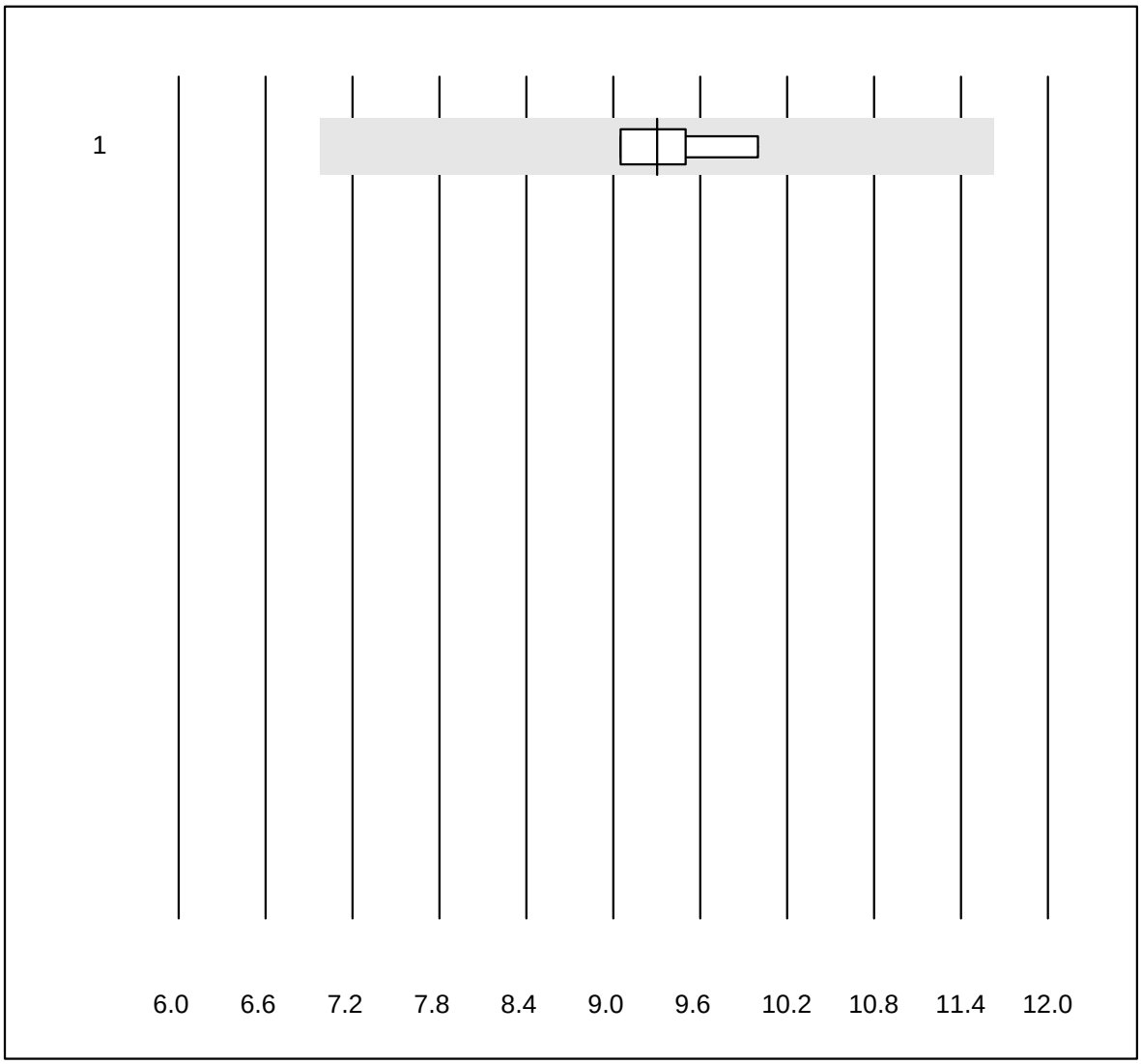
Lipasi



Tolleranza QUALAB : 18 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	5	100.0	0.0	0.0	81.0	3.3	e
2	Beckman	13	100.0	0.0	0.0	84.7	5.2	e
3	Cobas	9	100.0	0.0	0.0	69.0	7.7	e*
4	Fuji Dri-Chem	100	95.0	0.0	5.0	87.2	4.7	e

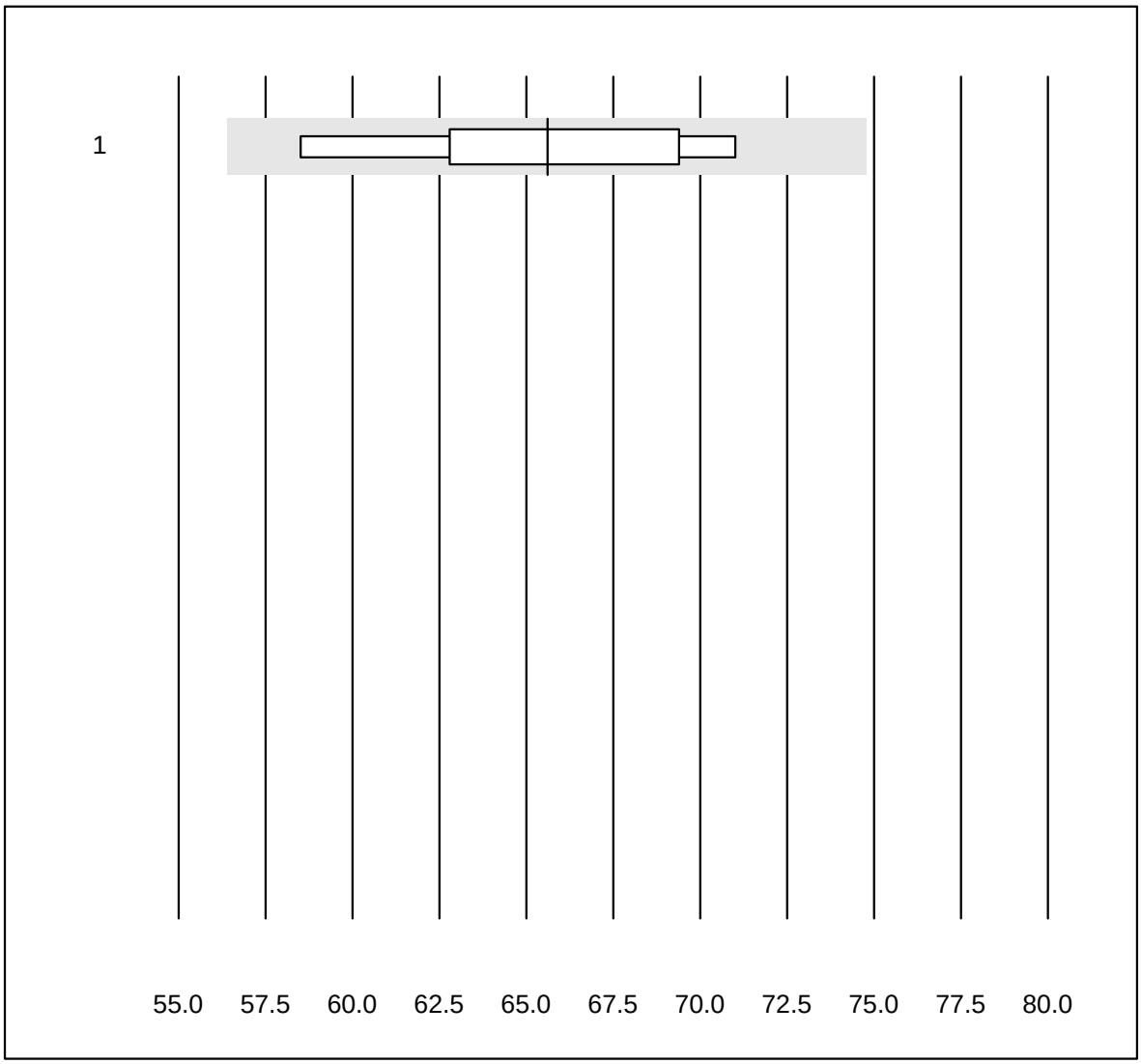
Tacrolimus



Tolleranza QUALAB : 25 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	9.3	4.7	e

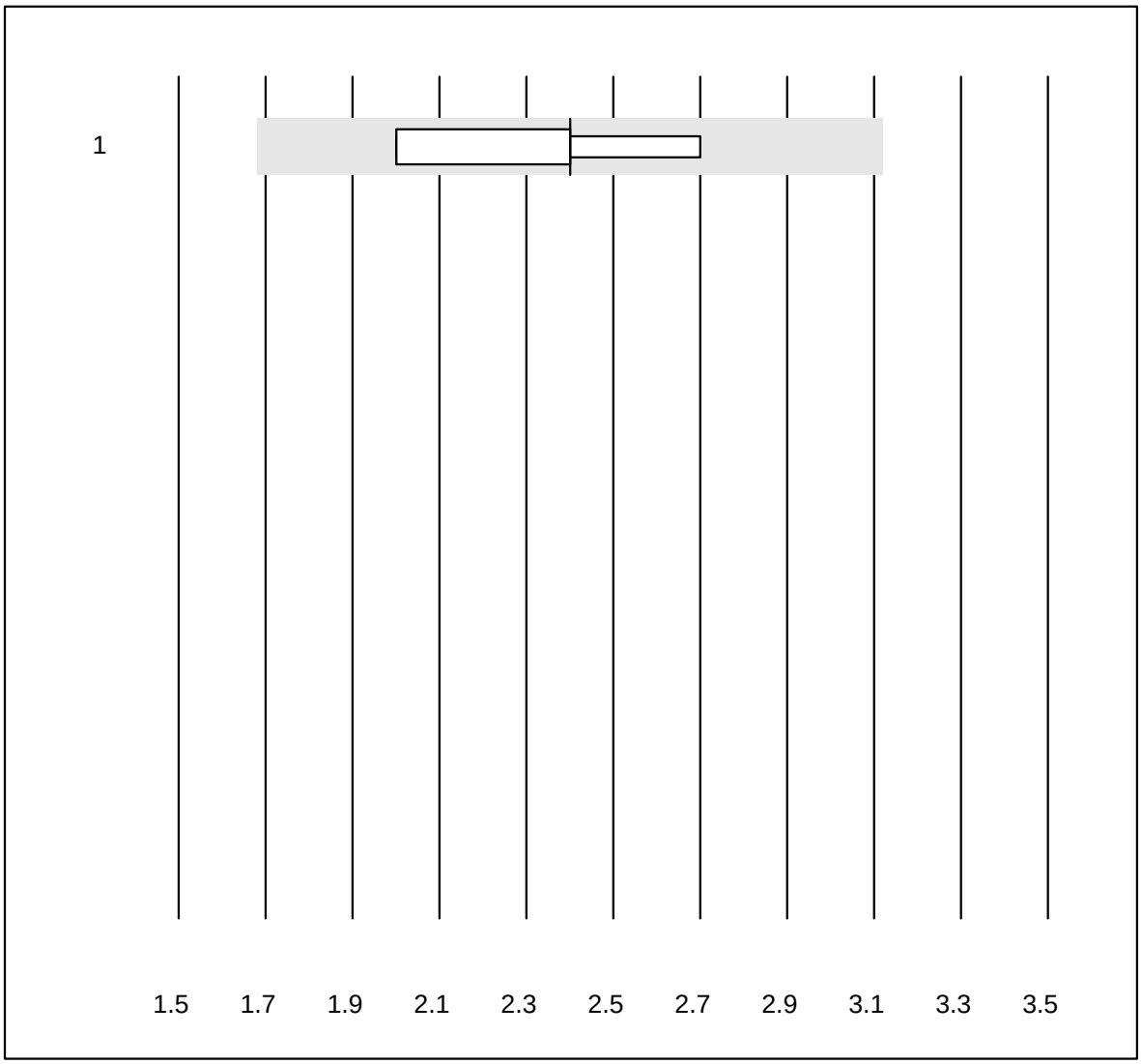
Albumin E



Tolleranza QUALAB : 14 %

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Elektrophorese	6	100.0	0.0	0.0	65.6	7.0	e*

alpha-1-Globuline

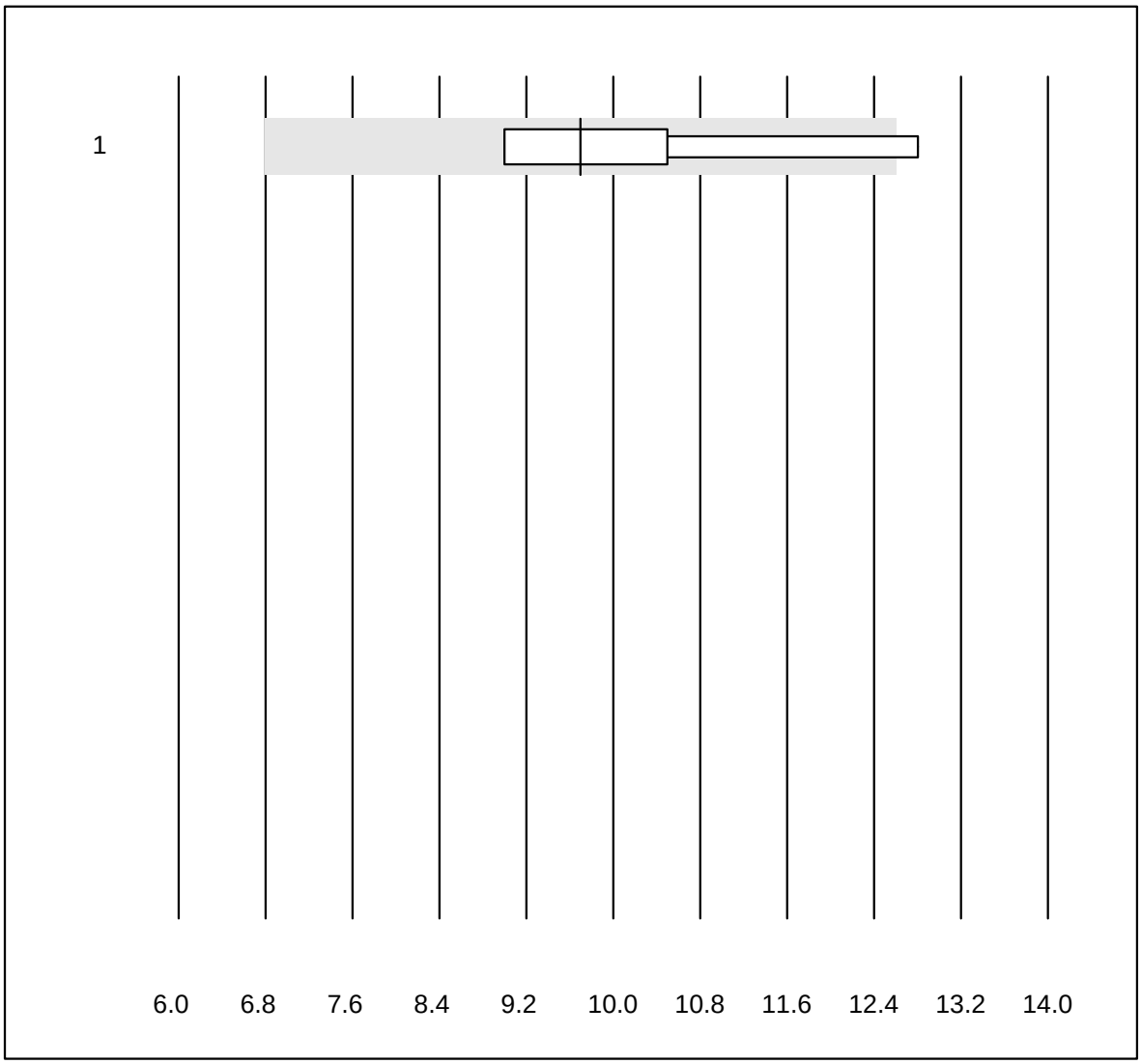


Tolleranza QUALAB : 30 %

alpha-1-Globuline (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Elektrophorese	4	100.0	0.0	0.0	2.4	12.1	a

alpha-2-Globuline

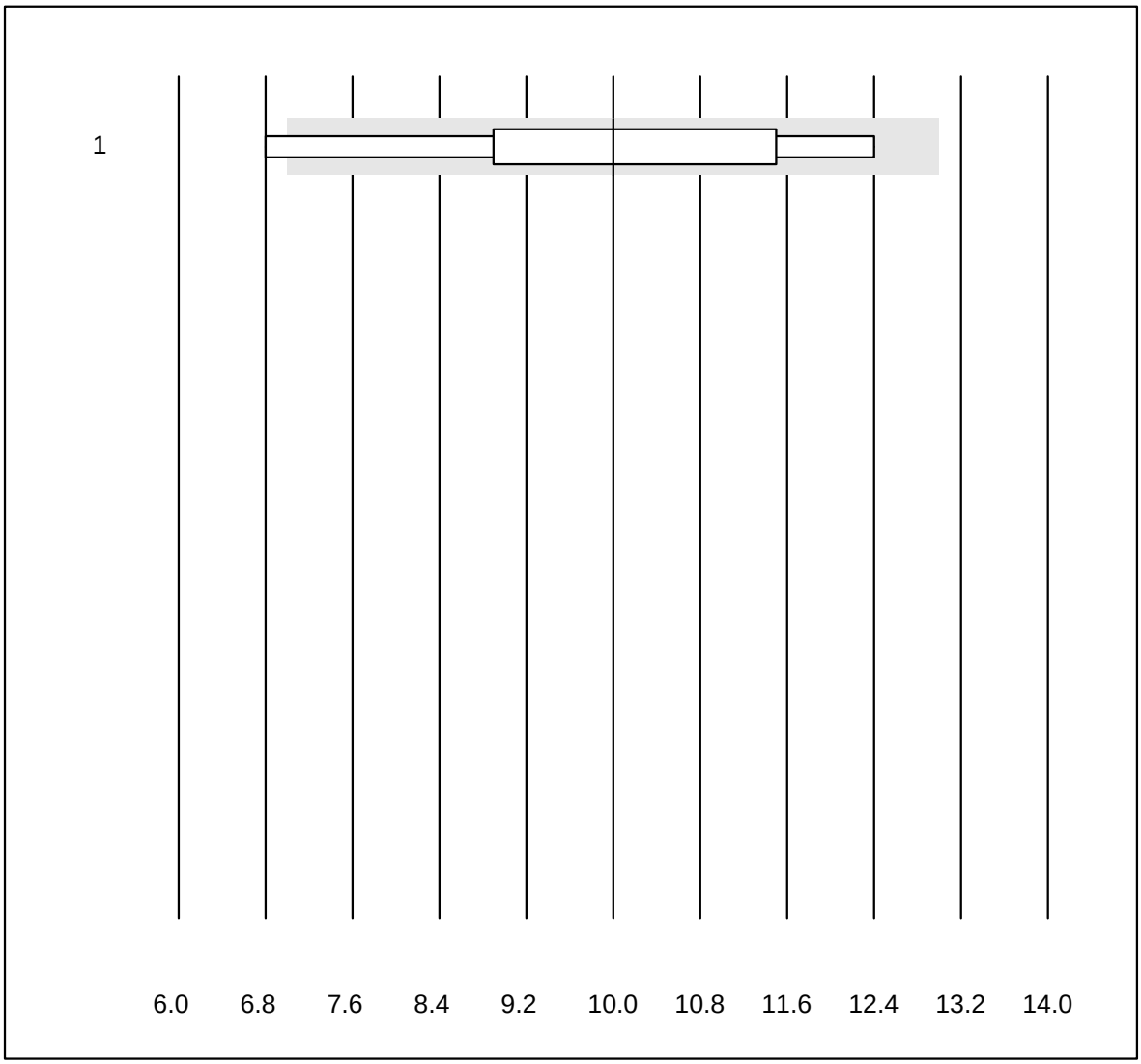


Tolleranza QUALAB : 30 %

alpha-2-Globuline (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Elektrophorese	6	83.3	16.7	0.0	9.7	14.5	e*

beta-Globuline

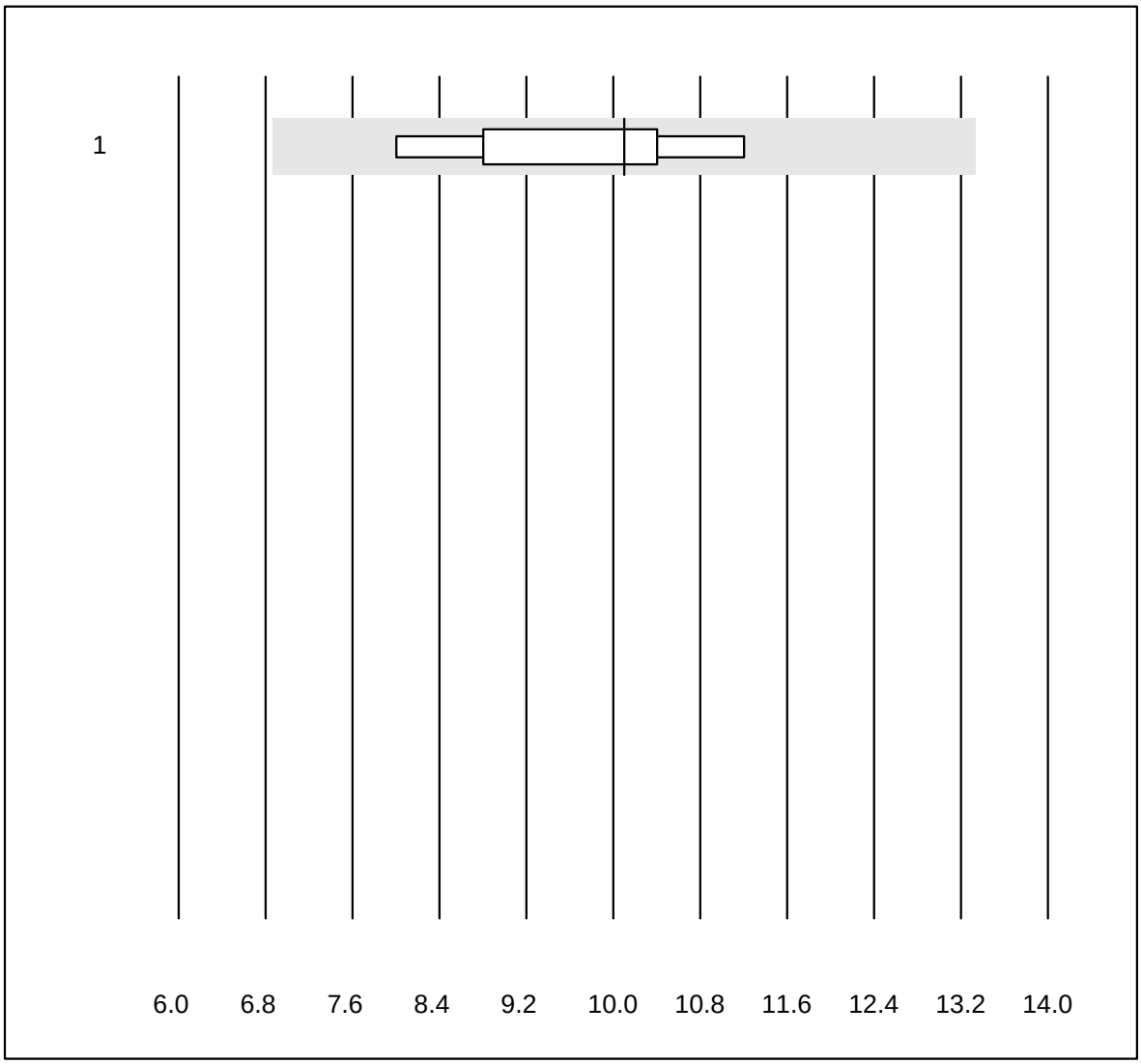


Tolleranza QUALAB : 30 %

beta-Globuline (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Elektrophorese	7	85.7	14.3	0.0	10.0	18.1	e*

gamma-Globuline

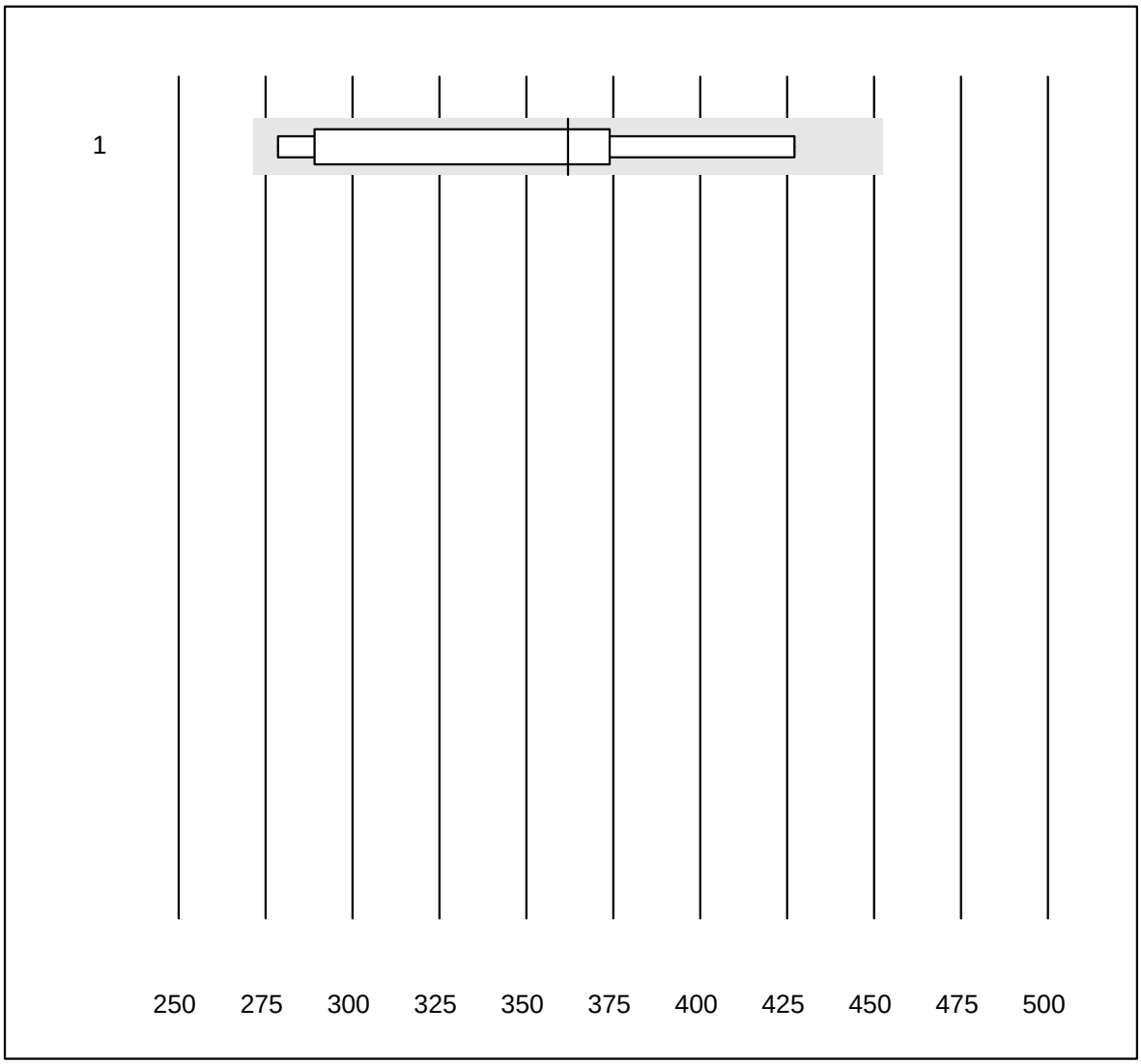


Tolleranza QUALAB : 32 %

gamma-Globuline (%)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Elektrophorese	5	100.0	0.0	0.0	10.1	13.2	e*

Folati eritrocitari

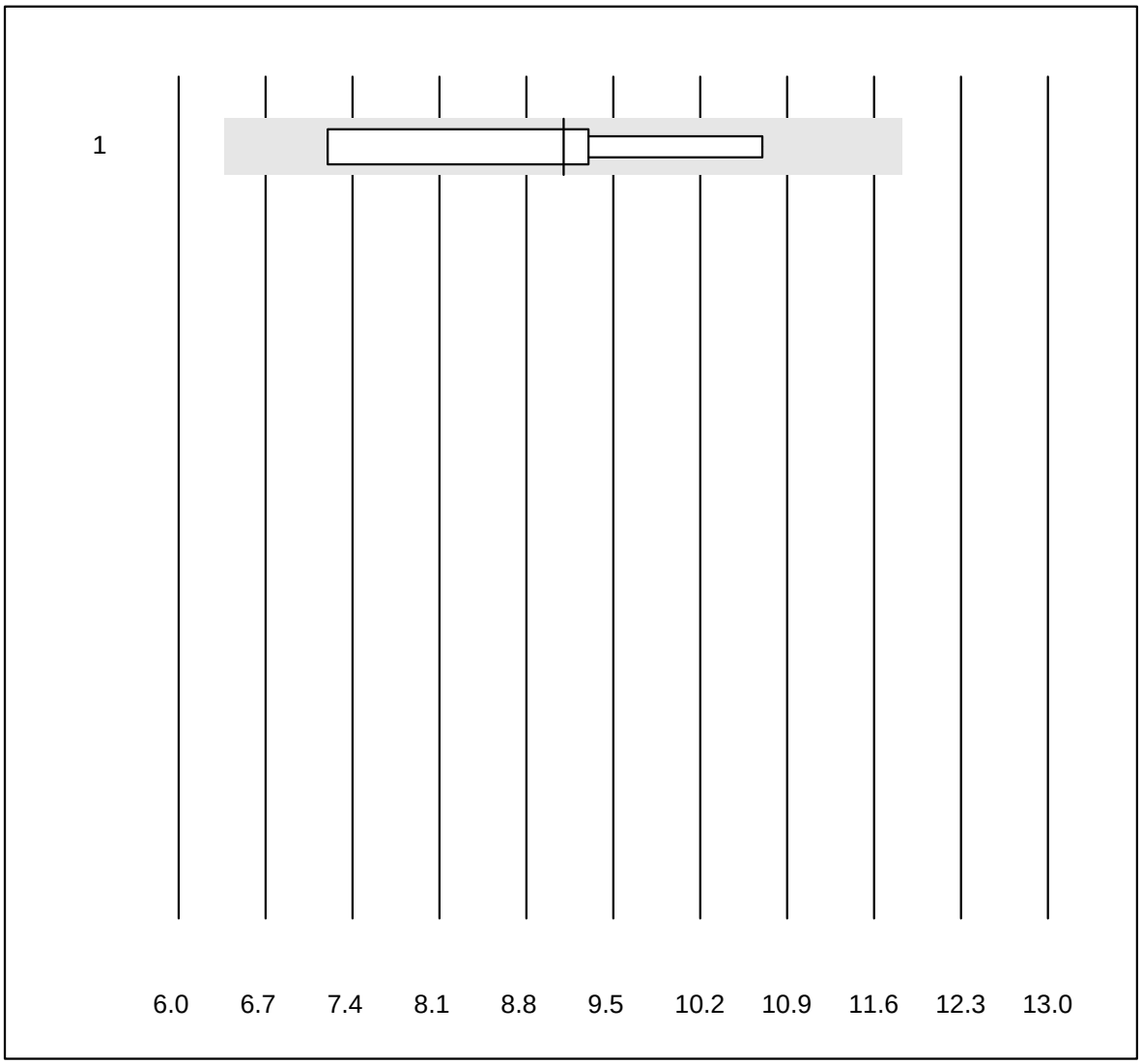


Tolleranza QUALAB : 25 %

Folati eritrocitari (nmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Architect	8	100.0	0.0	0.0	362	15.6	a

Gallensäure

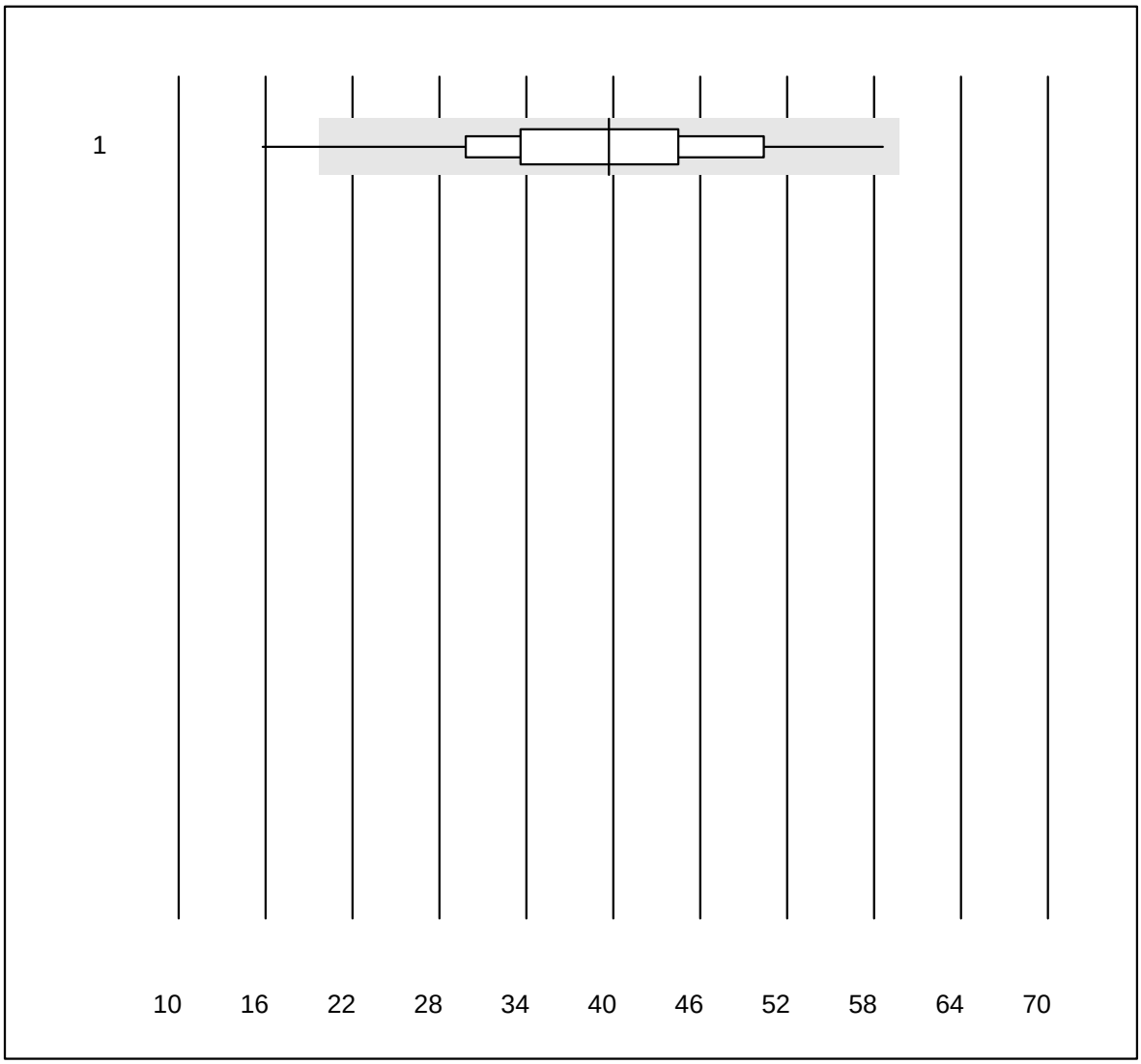


Tolleranza QUALAB : 30 %

Gallensäure (µmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	4	100.0	0.0	0.0	9	16.0	e*

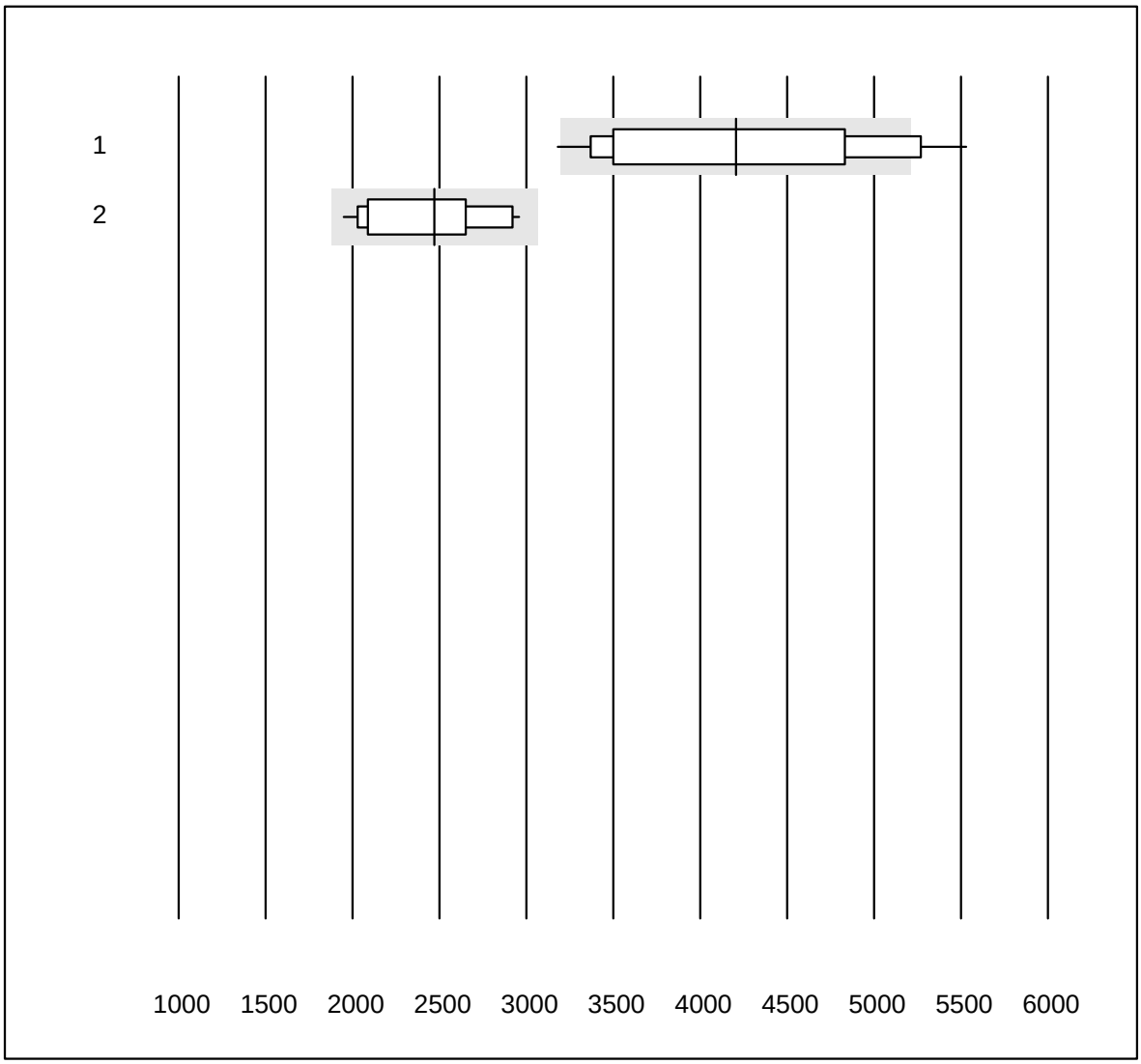
BNP



Tolleranza QUALAB : 27 %
(< 75.0: +/- 20.0 ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage	40	82.5	5.0	12.5	39.7	23.1	e*

Troponin Triage

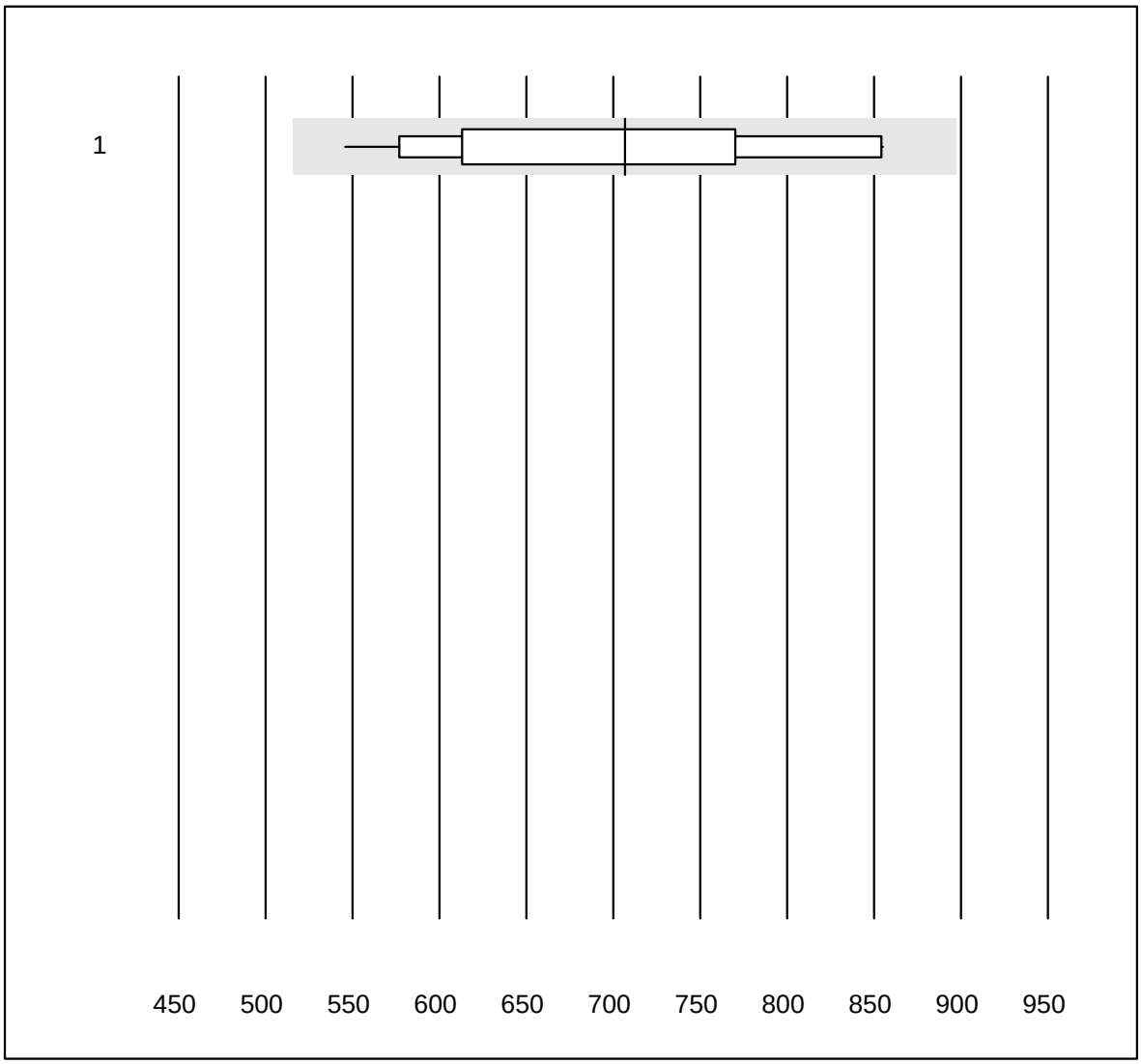


Tolleranza QUALAB : 24 %

Troponin Triage (ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage Next Gen	32	62.5	12.5	25.0	4205.00	18.4	e*
2	Triage SOB/Cardiac	23	87.0	0.0	13.0	2469.10	13.3	e

NT-Pro-BNP

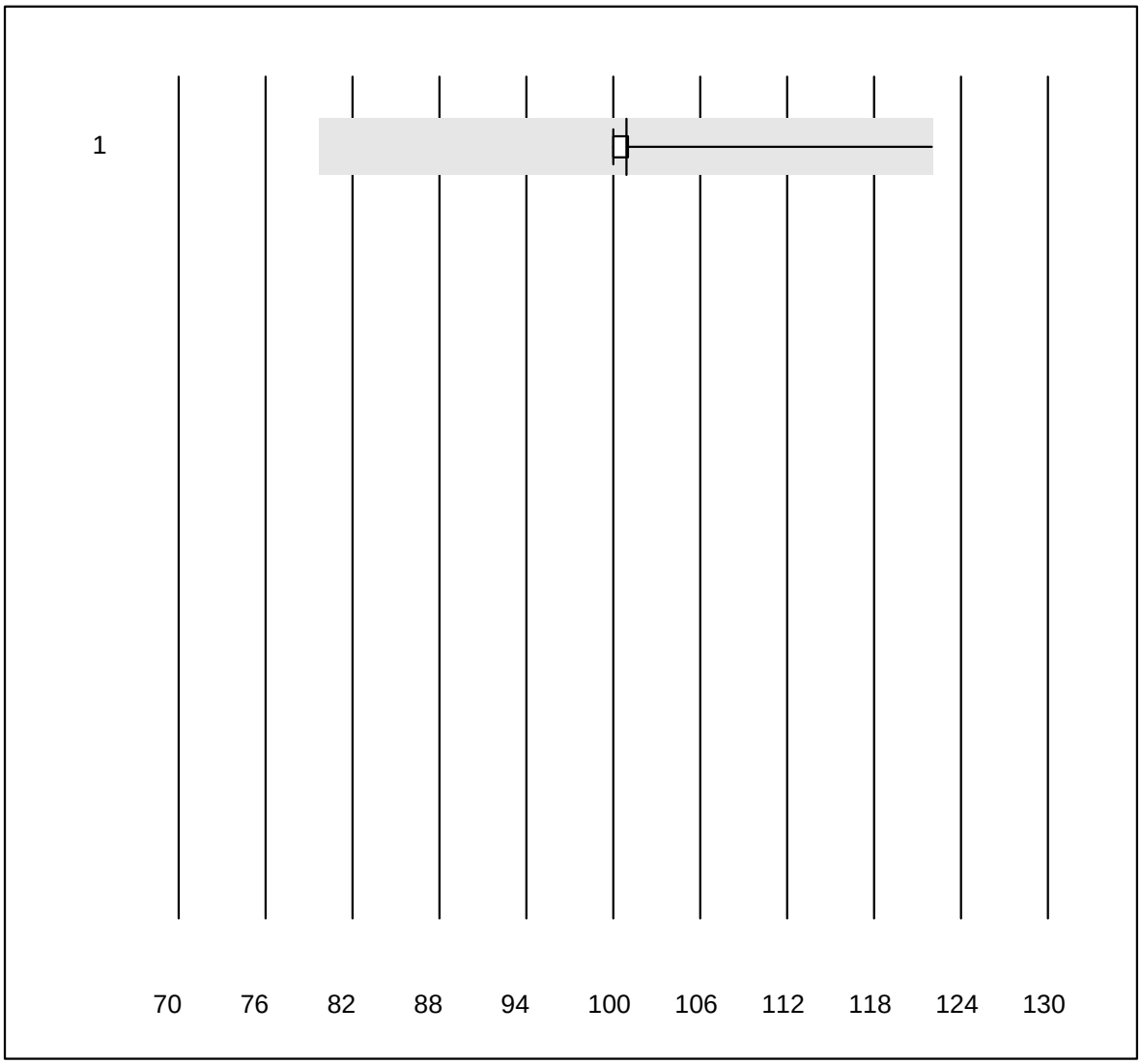


Tolleranza QUALAB : 27 %

NT-Pro-BNP (ng/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage	15	100.0	0.0	0.0	707	14.3	e*

D-Dimere Triage

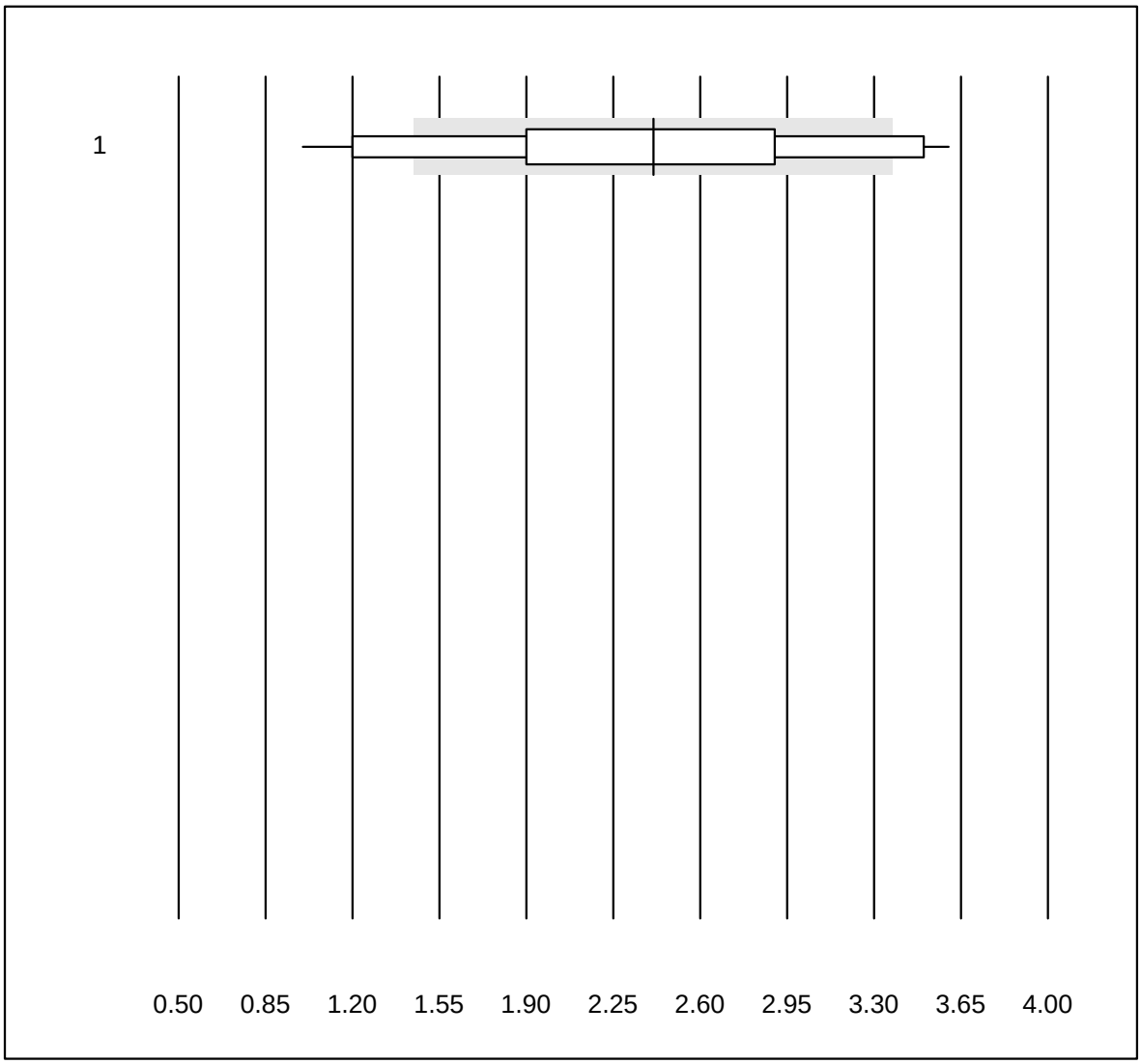


Tolleranza QUALAB : 21 %

D-Dimere Triage (ng/ml)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage	52	100.0	0.0	0.0	100.90	3.6	e

CK-MB Triage

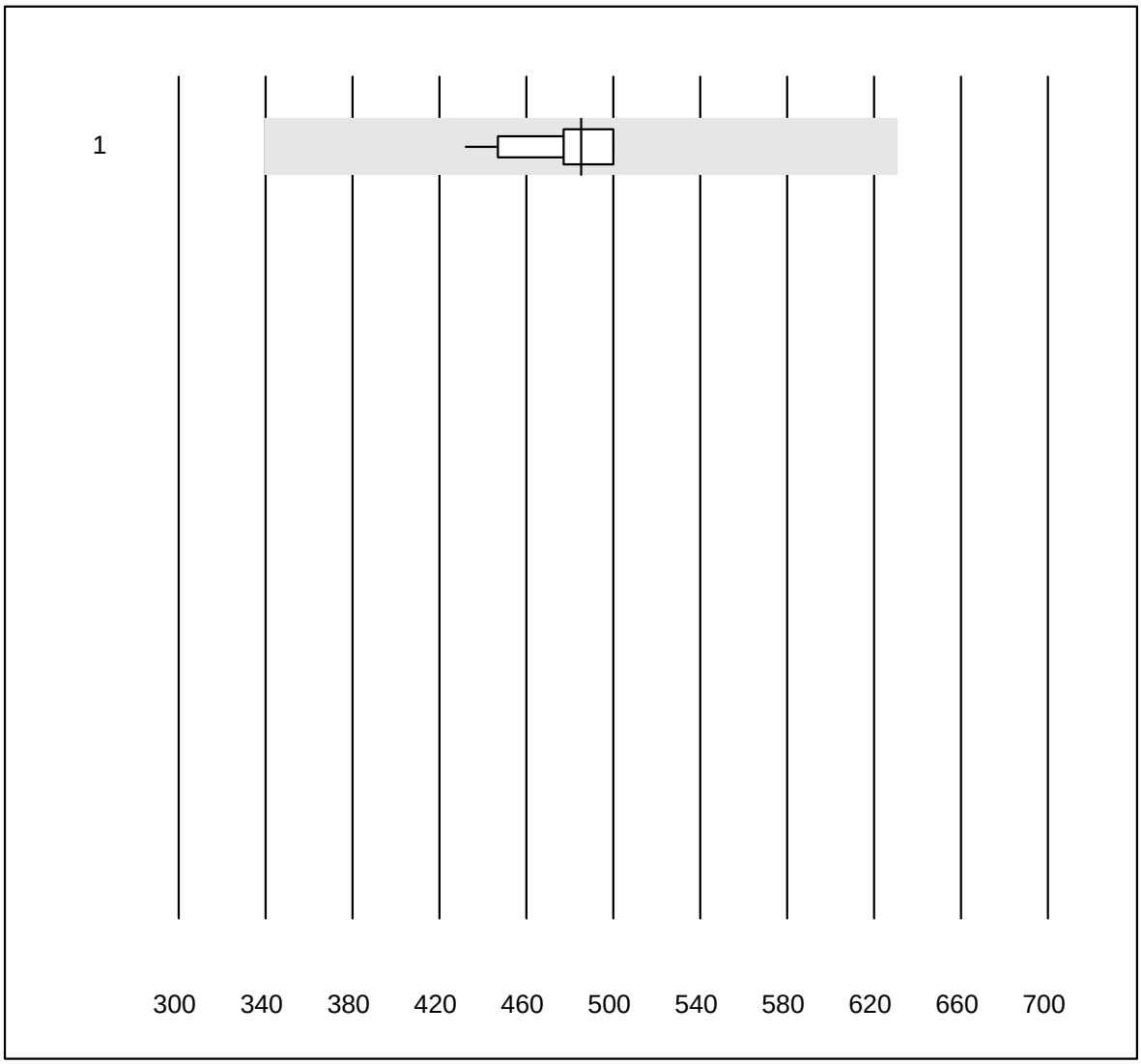


Tolleranza QUALAB : 40 %

CK-MB Triage (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage	20	75.0	20.0	5.0	2.4	30.2	e*

Myoglobin Triage

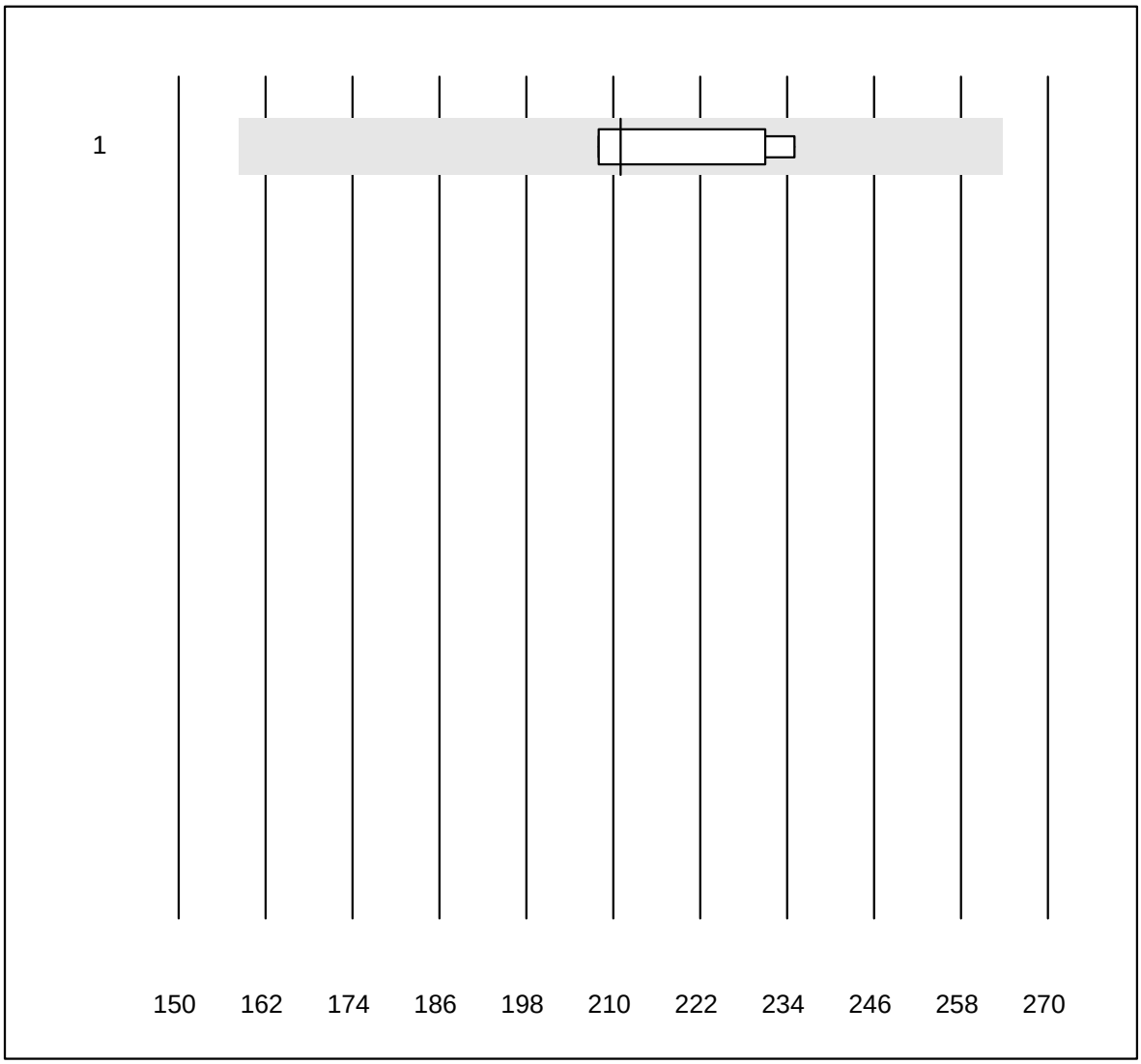


Tolleranza QUALAB : 30 %

Myoglobin Triage (µg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Triage	17	100.0	0.0	0.0	485.3	4.5	e

Amilasi - urine

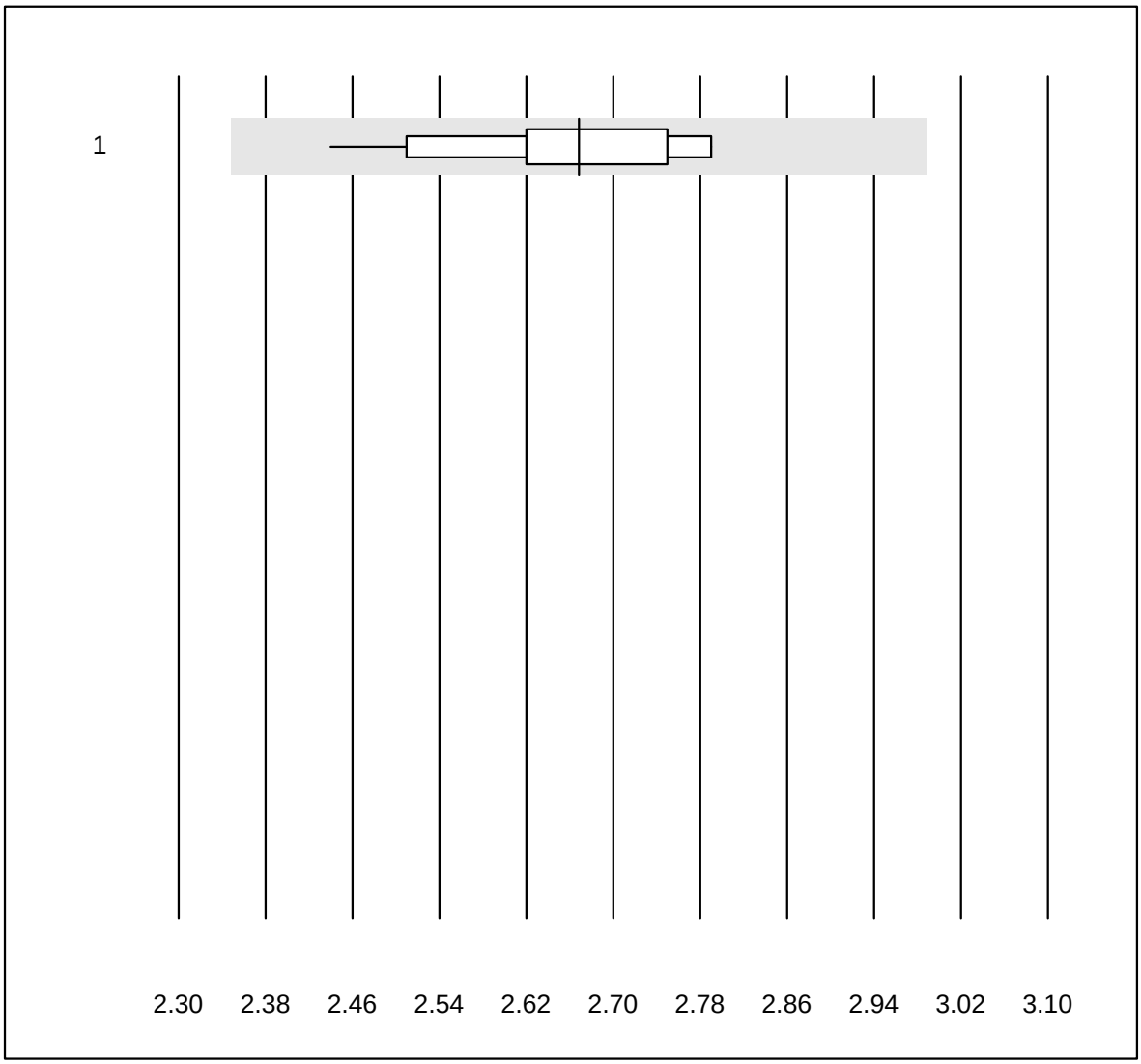


Tolleranza QUALAB : 25 %

Amilasi - urine (U/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	IFCC	5	100.0	0.0	0.0	211	6.1	e

Calcio - urine

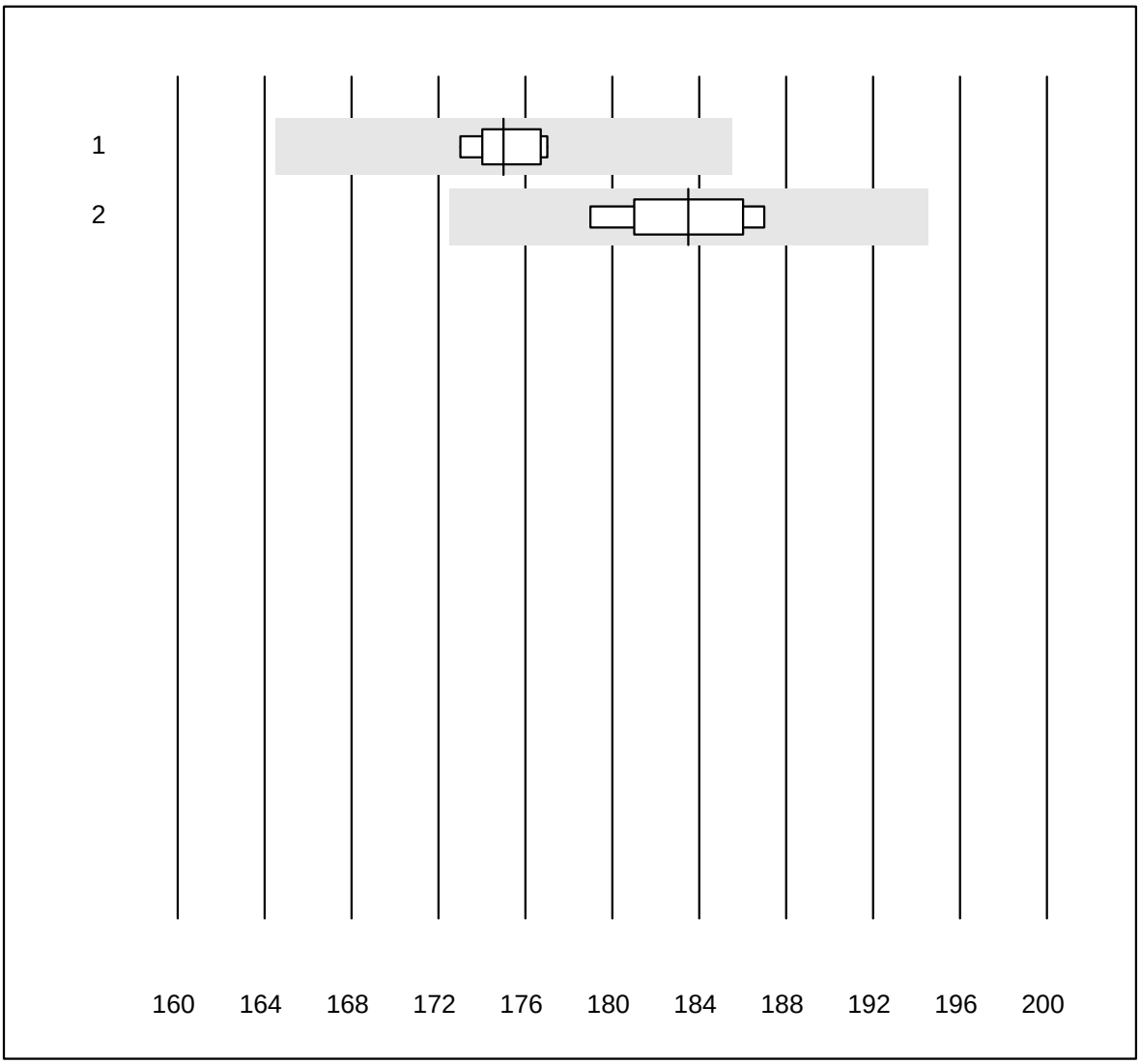


Tolleranza QUALAB : 12 %

Calcio - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	15	100.0	0.0	0.0	2.67	3.9	e

Cloro - urine

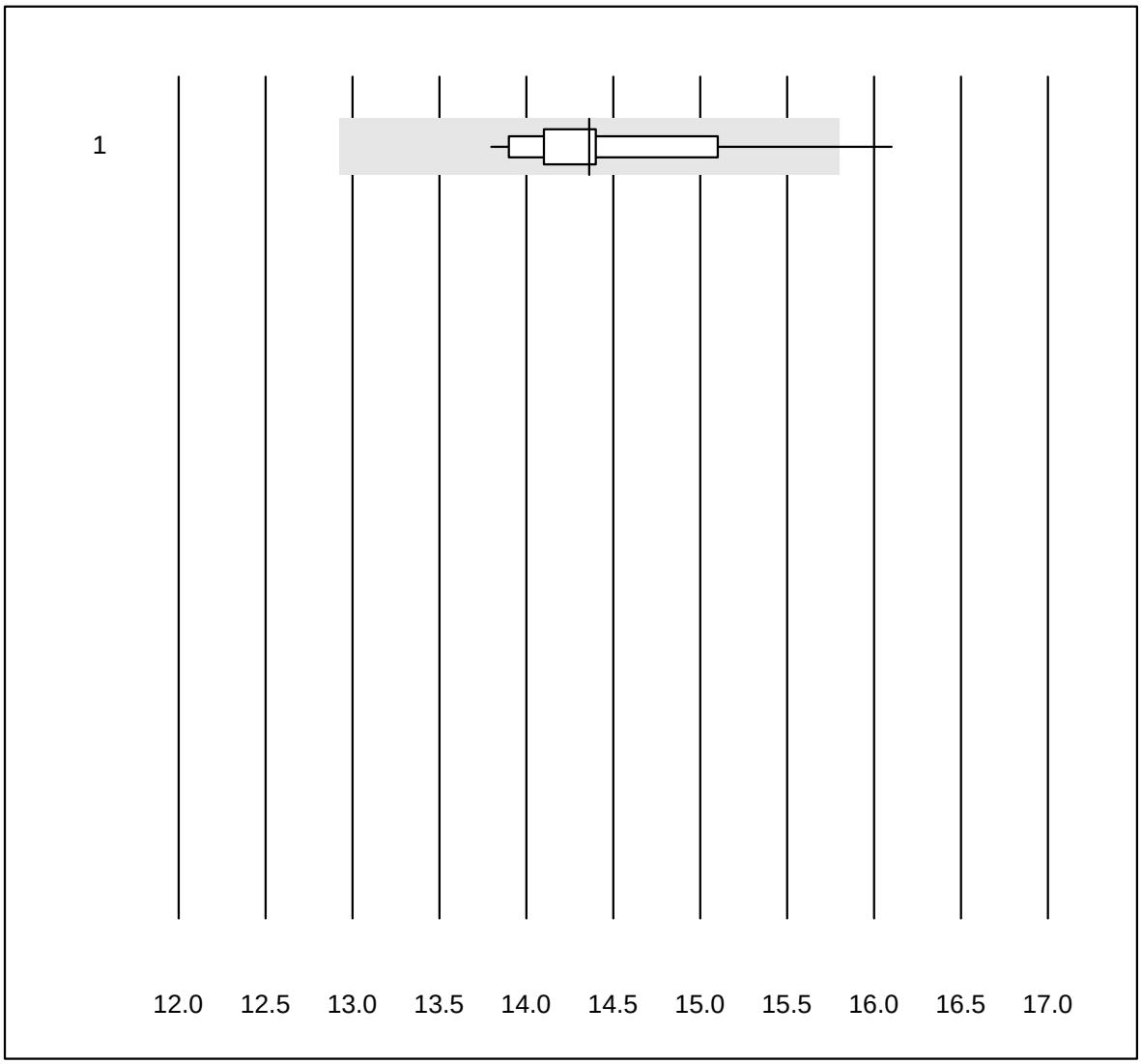


Tolleranza QUALAB : 6 %

Cloro - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas	7	100.0	0.0	0.0	175	0.8	e
2	Chimica umida	6	100.0	0.0	0.0	184	1.6	e

Glucosio - urine

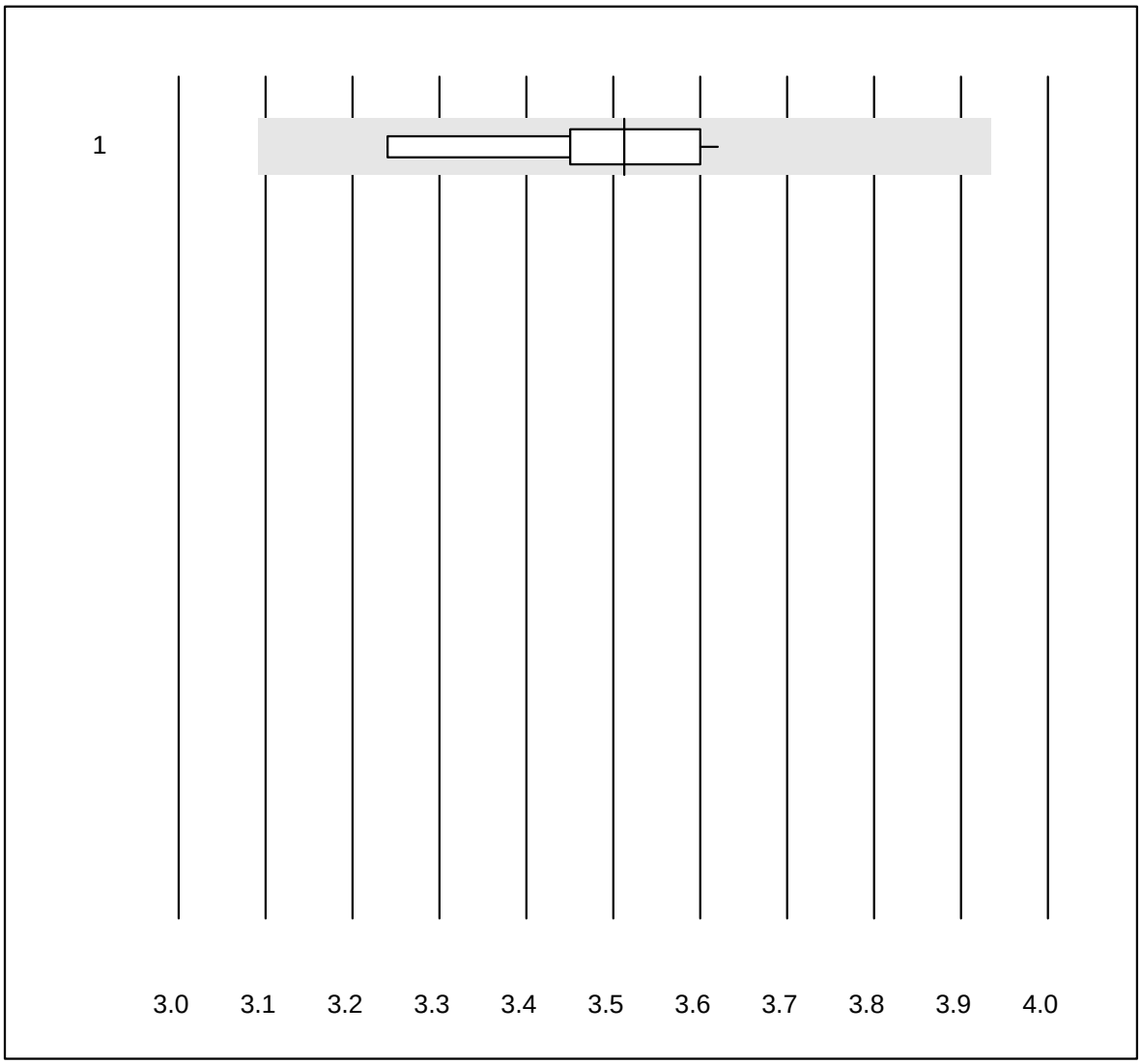


Tolleranza QUALAB : 10 %

Glucosio - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	17	94.1	5.9	0.0	14.4	3.8	e

Magnesio - urine

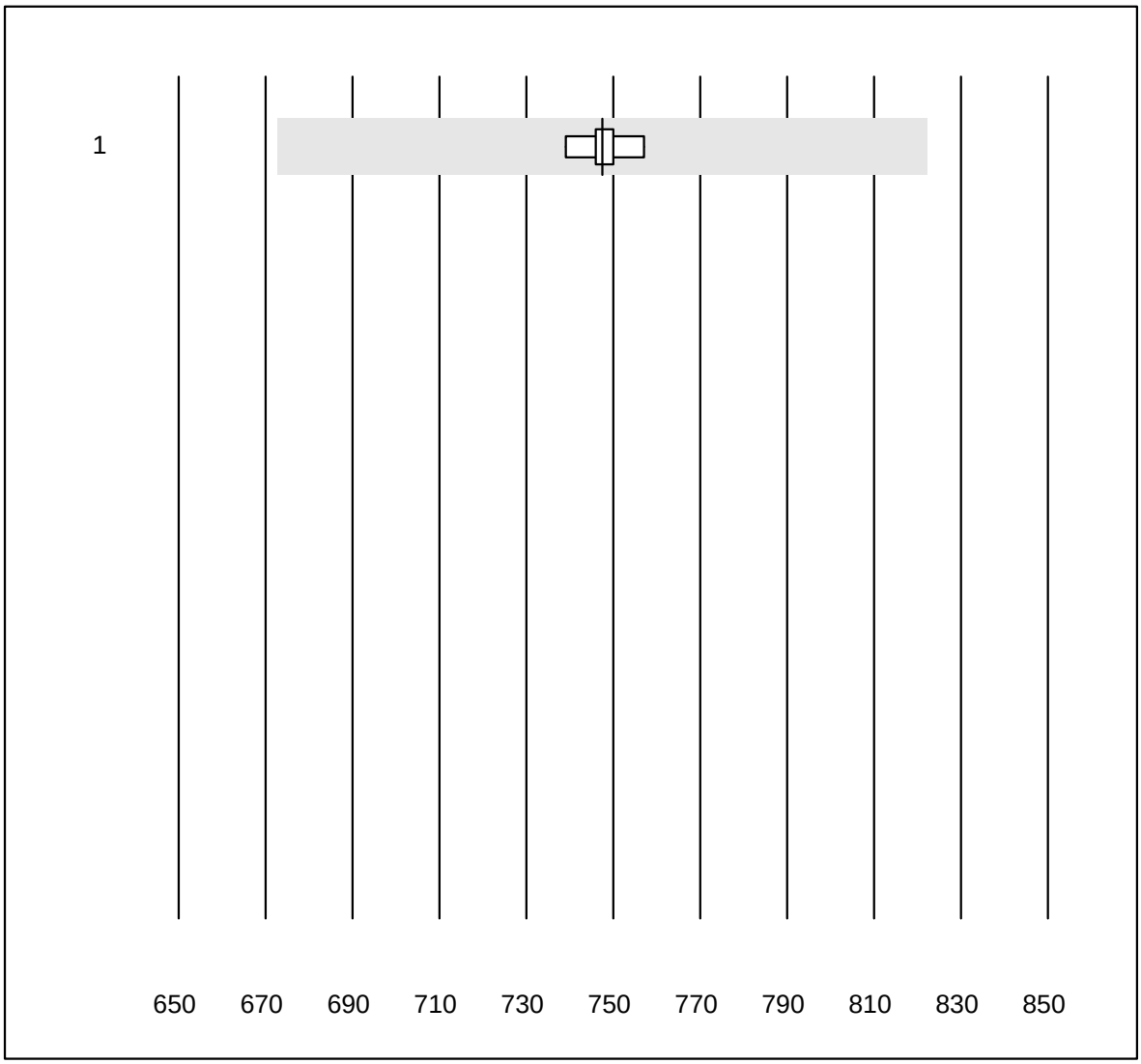


Tolleranza QUALAB : 12 %

Magnesio - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	10	100.0	0.0	0.0	3.51	3.3	e

Osmolalità - urine

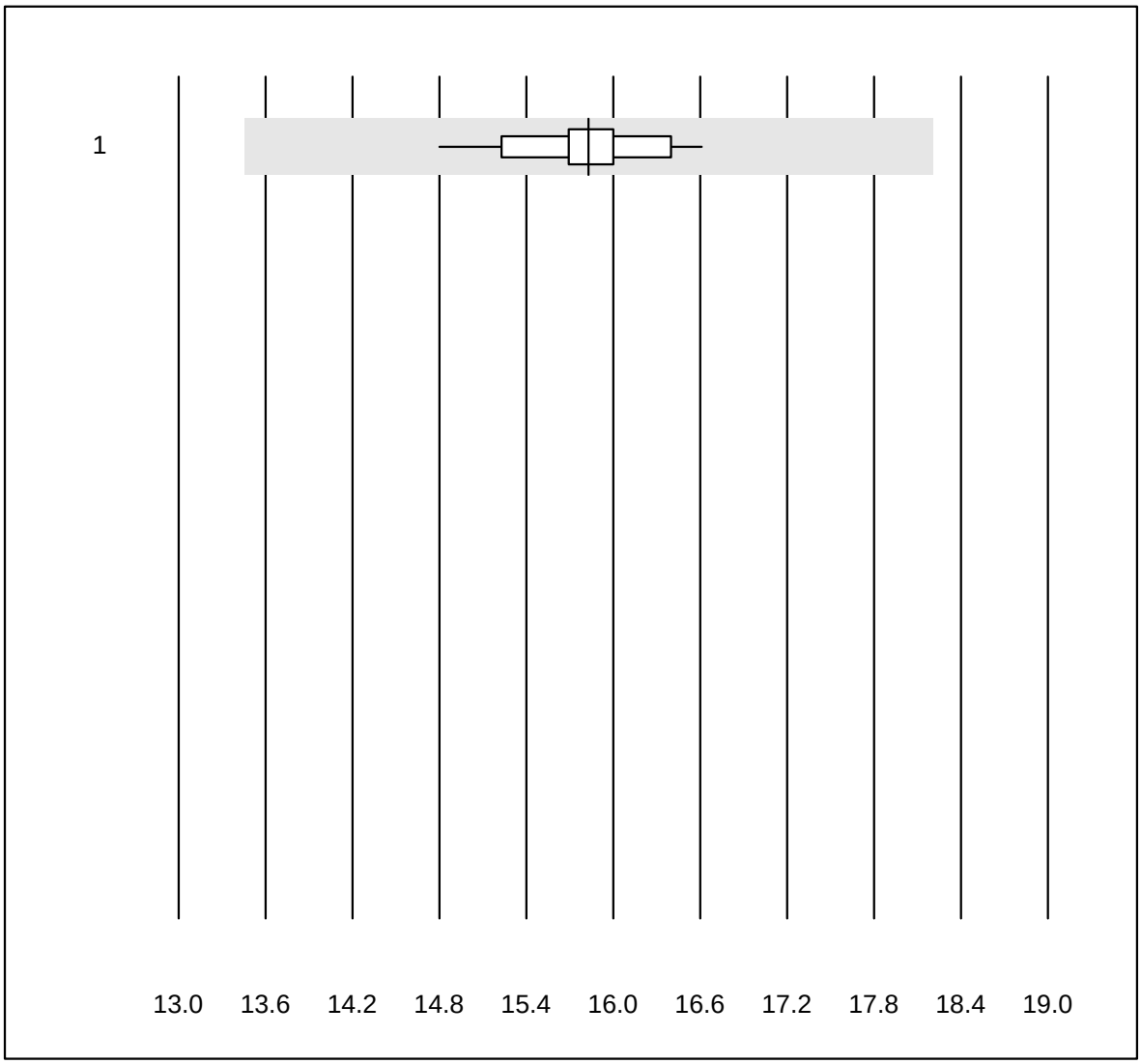


Tolleranza QUALAB : 10 %

Osmolalità - urine (mosm/kg)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cryoscopie	9	100.0	0.0	0.0	748	0.7	e

Fosforo - urine

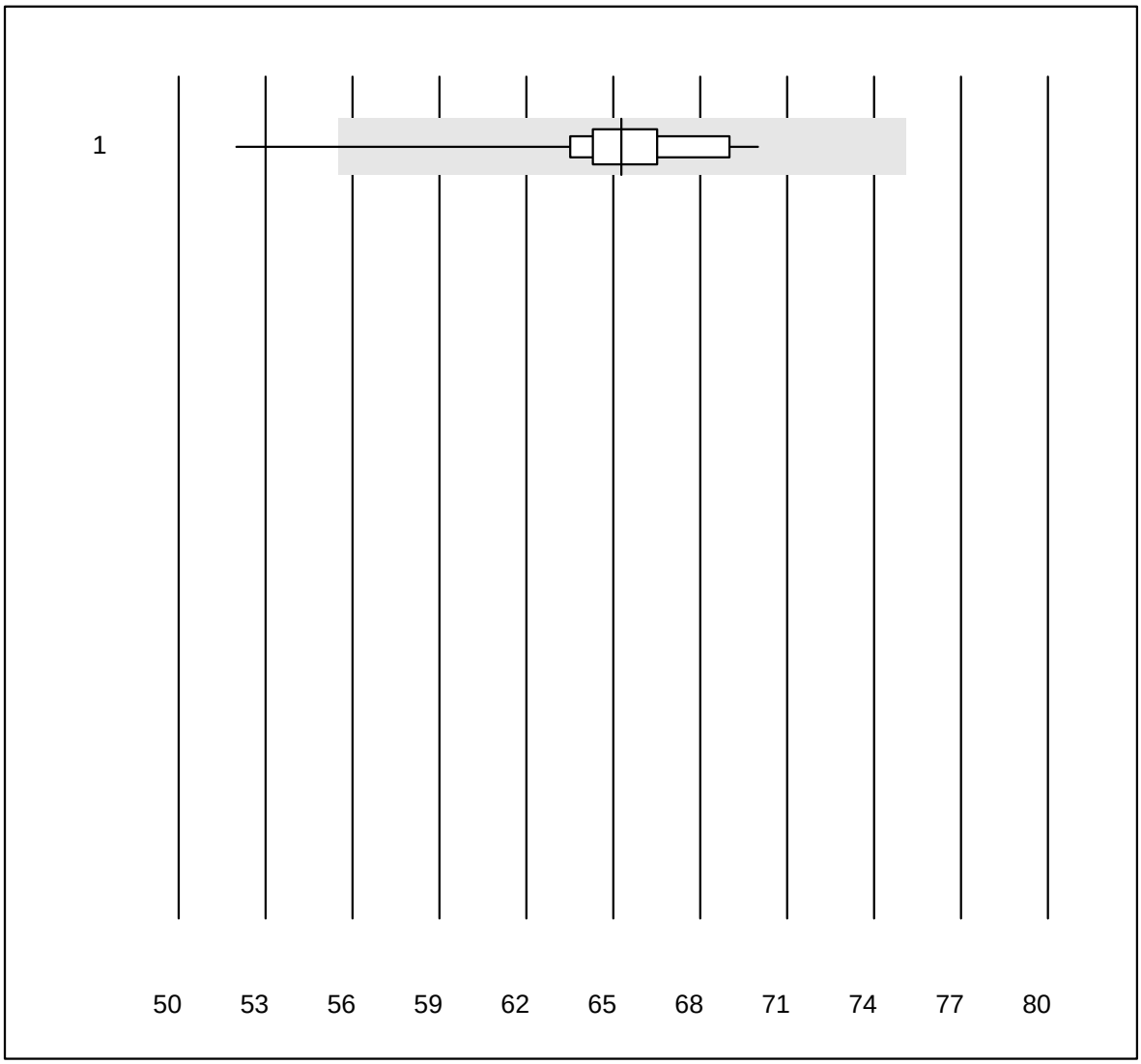


Tolleranza QUALAB : 15 %

Fosforo - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	16	100.0	0.0	0.0	15.8	2.8	e

Potassio - urine

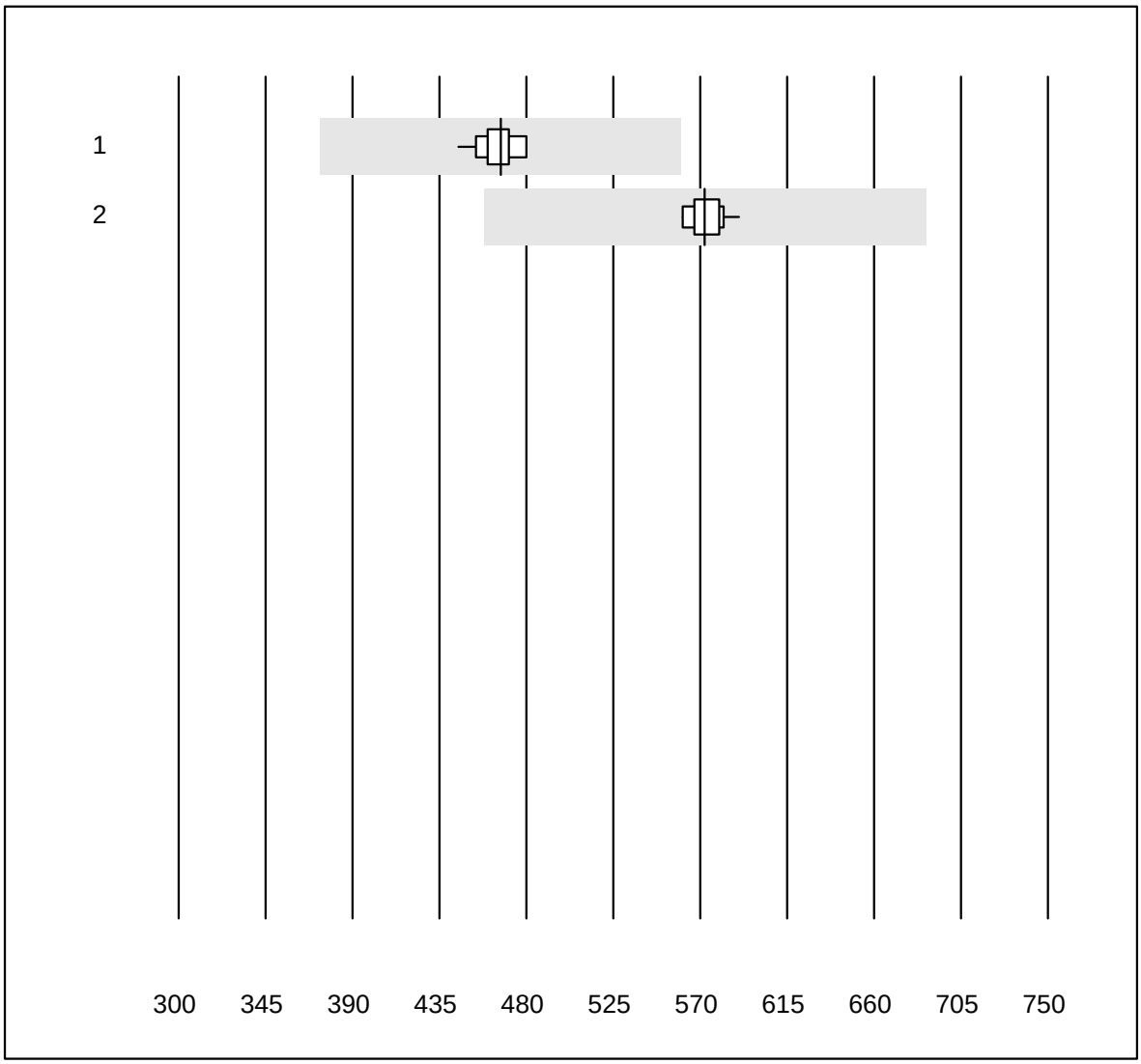


Tolleranza QUALAB : 15 %

Potassio - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	24	95.8	4.2	0.0	65	5.3	e

Proteina - urina

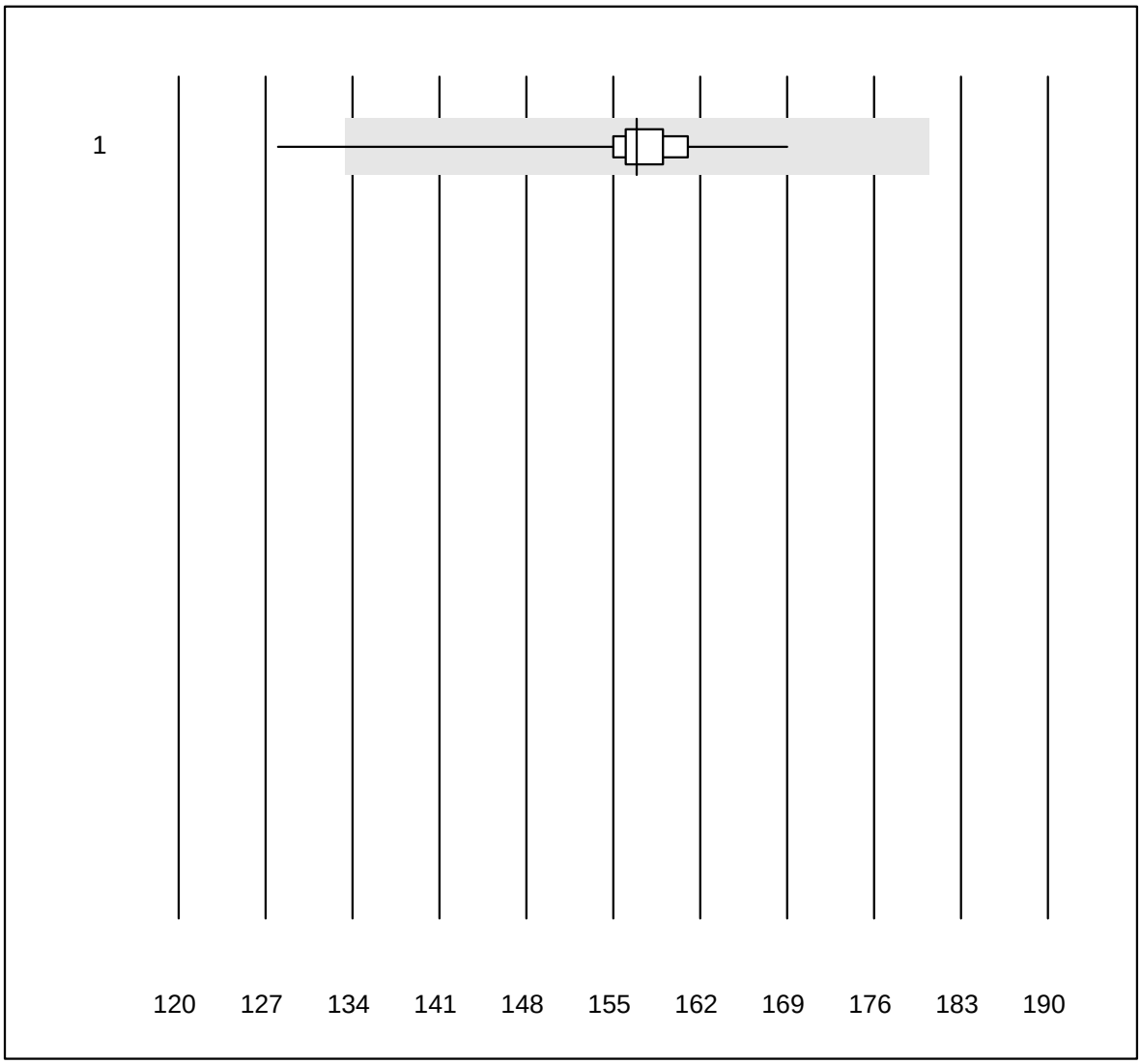


Tolleranza QUALAB : 20 %

Proteina - urina (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Cobas/Roche	12	100.0	0.0	0.0	466.8	2.2	e
2	Chimica umida	10	100.0	0.0	0.0	572.4	1.6	e

Sodio - urine

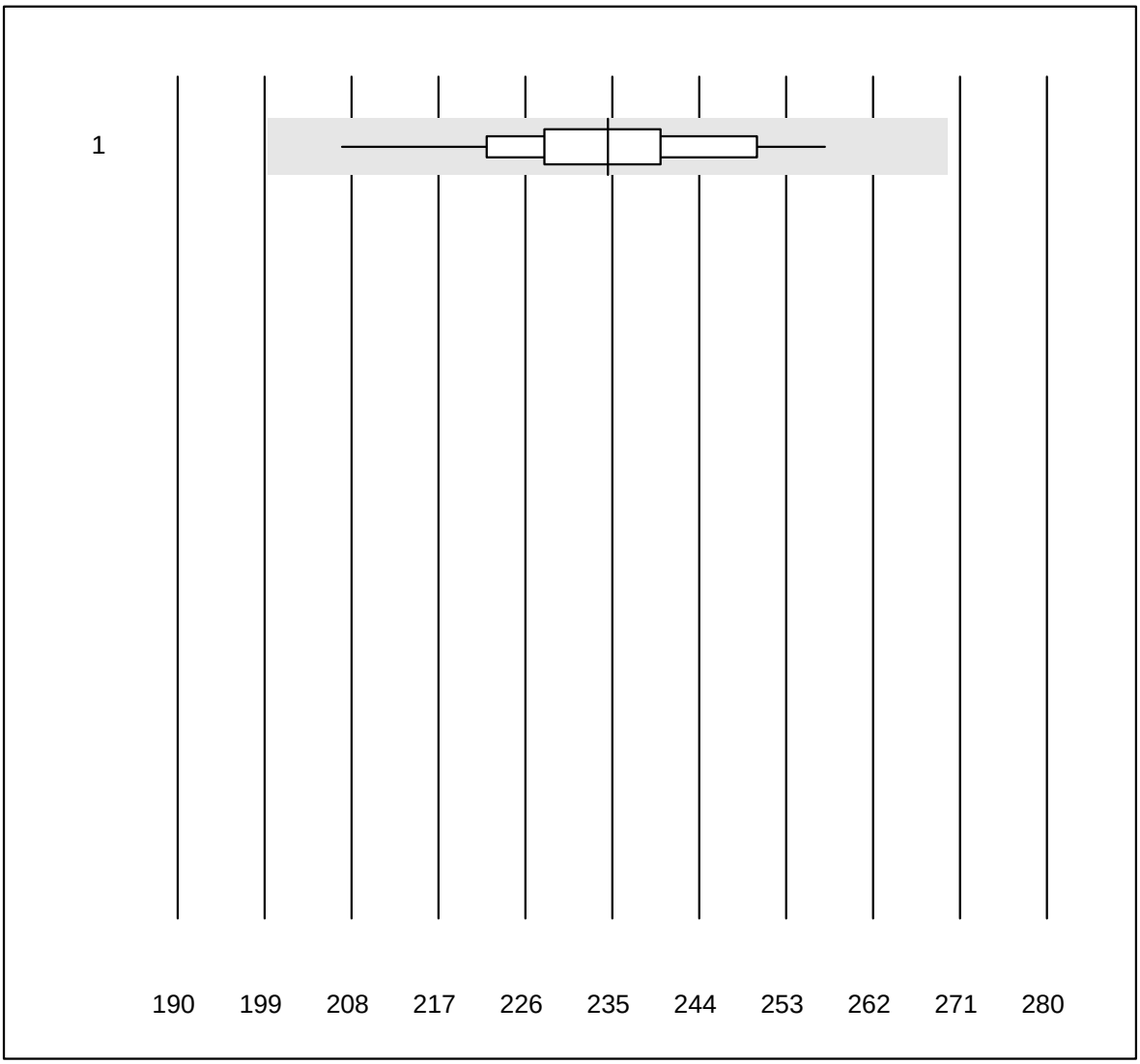


Tolleranza QUALAB : 15 %

Sodio - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	tutti	25	96.0	4.0	0.0	157	4.3	e

Urea - urine

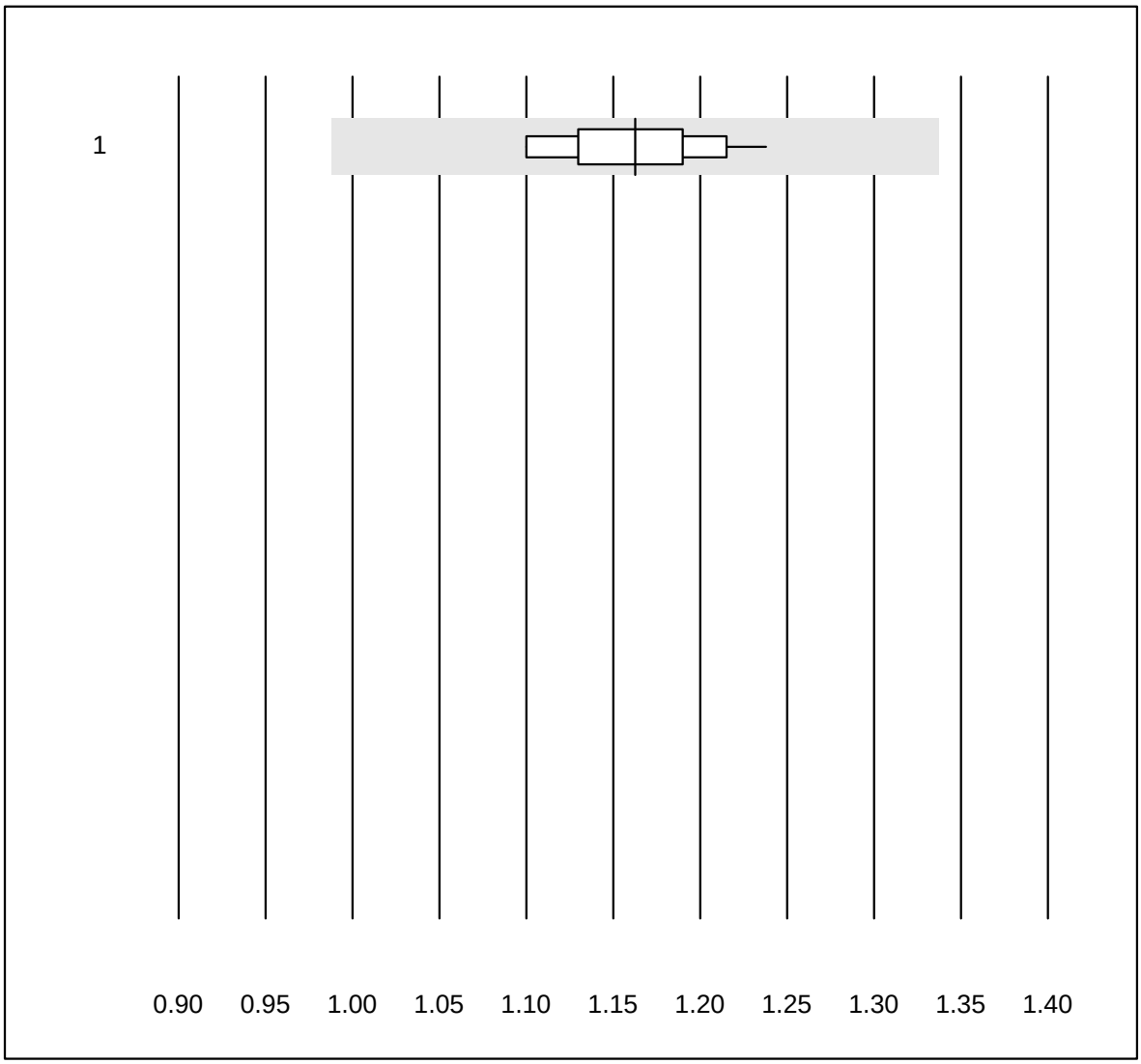


Tolleranza QUALAB : 15 %

Urea - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	19	100.0	0.0	0.0	235	4.8	e

Acido urico - urine

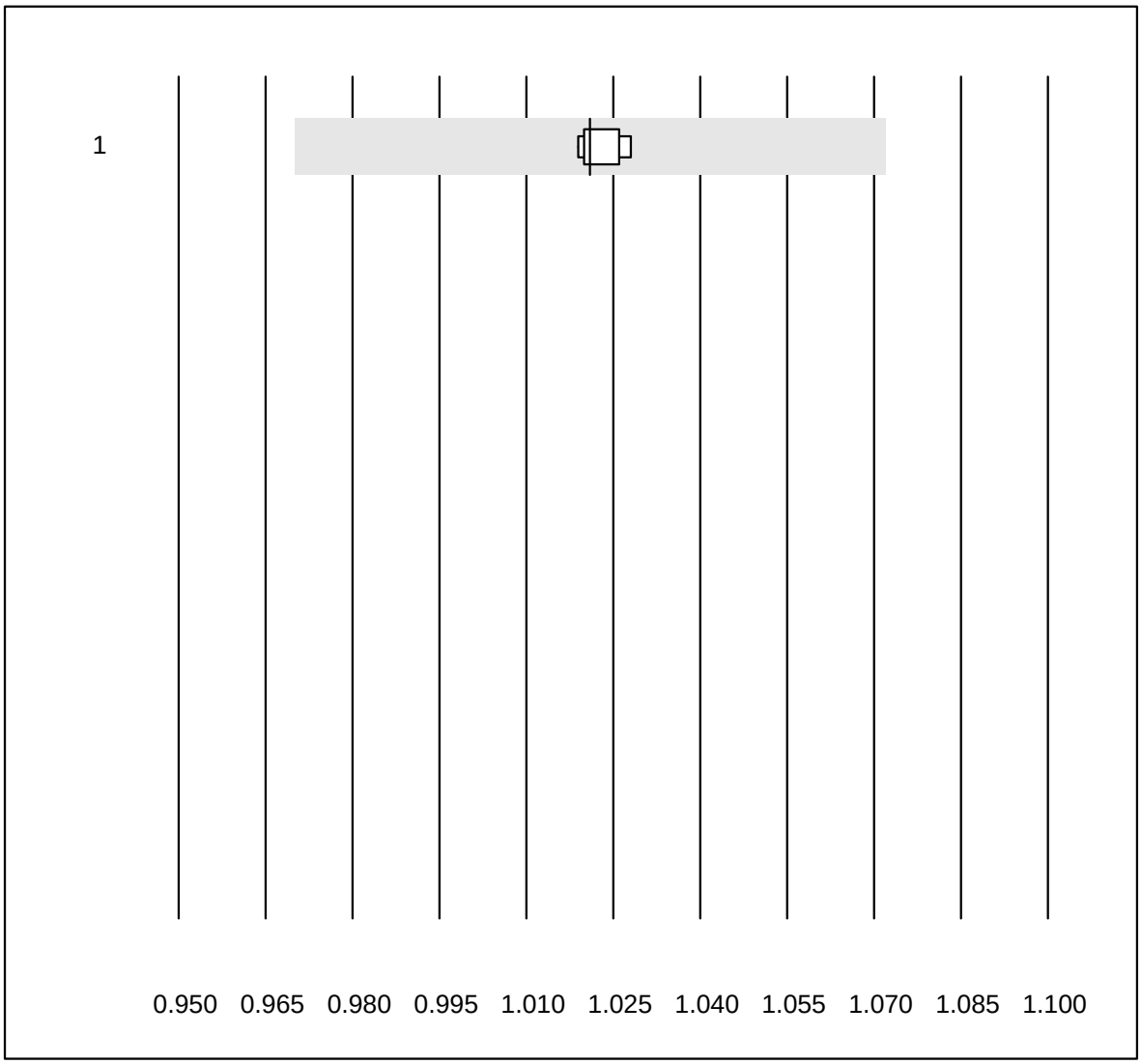


Tolleranza QUALAB : 15 %

Acido urico - urine (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Chimica umida	16	100.0	0.0	0.0	1.16	3.5	e

Peso Specifico - urine

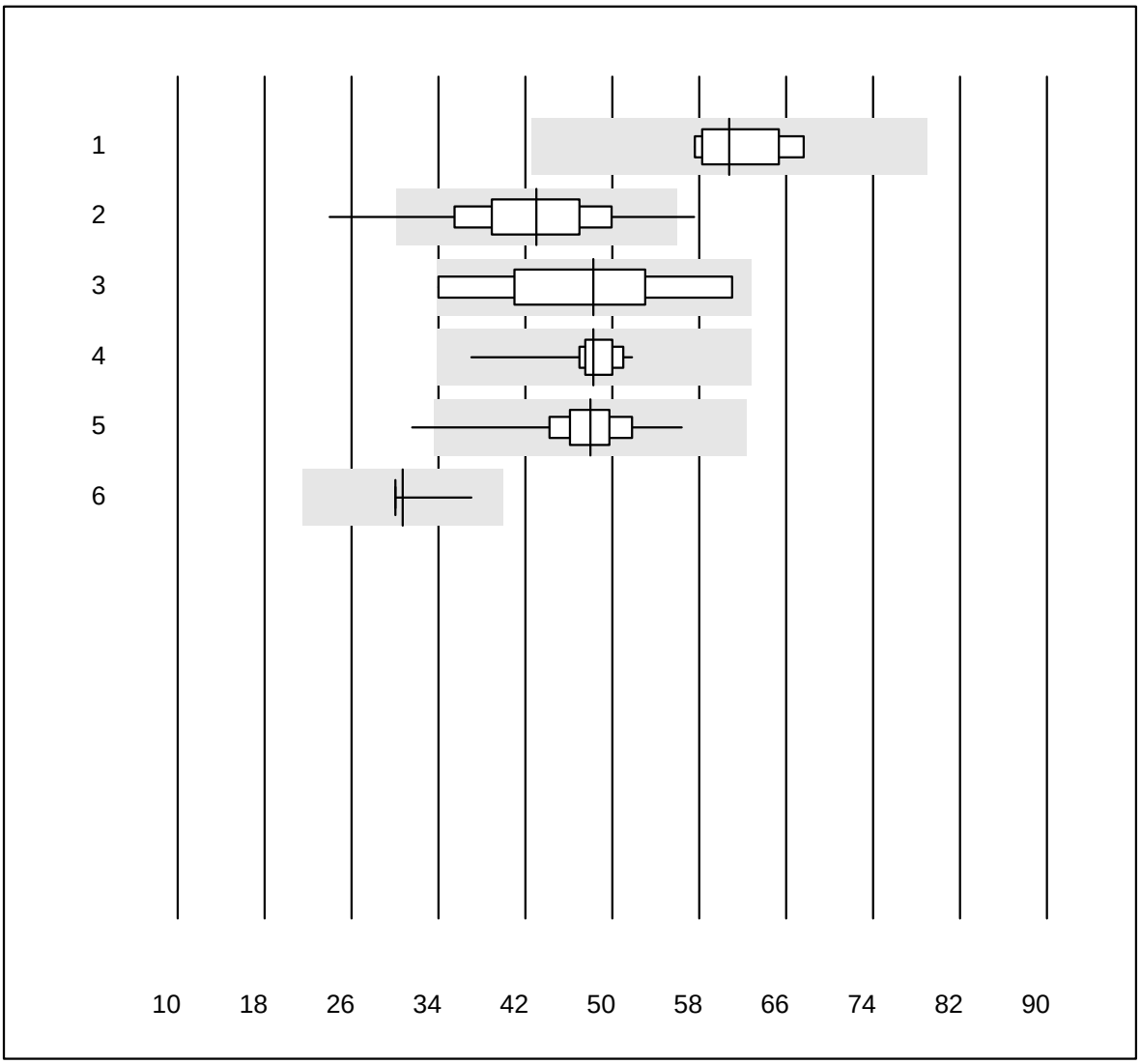


Tolleranza QUALAB : 5 %

Peso Specifico - urine ()

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	Refraktometer	7	100.0	0.0	0.0	1.021	0.3	e

Microalbumina

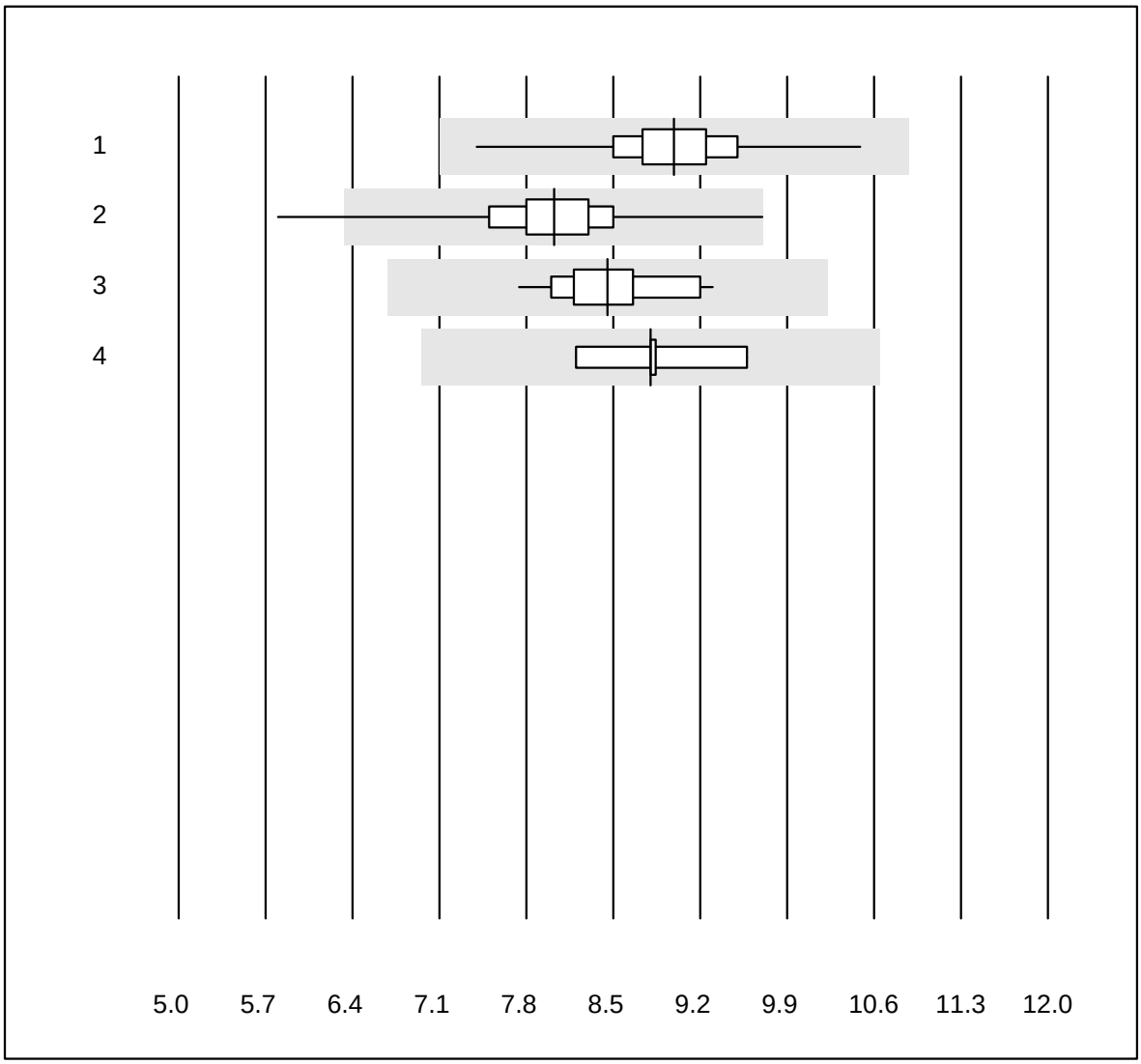


Tolleranza QUALAB : 30 %

Microalbumina (mg/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	AFIAS	6	100.0	0.0	0.0	60.7	6.5	e
2	Afinion	363	96.4	1.4	2.2	43.0	13.0	e
3	NycoCard	8	87.5	0.0	12.5	48.3	18.6	a
4	Turbidimetrie	21	100.0	0.0	0.0	48.3	6.4	e
5	DCA2000/Vantage	131	99.2	0.8	0.0	48.0	7.1	e
6	Siemens Clinitek	13	76.9	0.0	23.1	30.7	7.2	e

Creatinina urina



Tolleranza QUALAB : 21 %

Creatinina urina (mmol/l)

No.	Metodo	Totale	% conforme	% insuff.	% outlier	Valore ideale	CV%	Typ
1	DCA2000/Vantage	131	96.9	0.0	3.1	9.0	4.9	e
2	Afinion	363	98.3	0.6	1.1	8.0	5.8	e
3	Chimica umida	37	100.0	0.0	0.0	8.5	4.8	e
4	Siemens Clinitek	13	61.5	0.0	38.5	8.8	4.2	a