

# MUSE / QBase

KKGT discussiedag 2013

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**KKGT**



# Inhoud

- QBase
  - Huidige stand van zaken
  - Meest gestelde vraag
  - Tips
- MUSE

# QBase / MUSE

- QBase
  - Invoer resultaten
  - Inzage rapportage
- MUSE
  - Statistische verwerking
  - Opstellen rapportage

# QBase – huidige stand van zaken

2010.1 Anti-epileptica

2013.1 Alcoholen/GHB  
Pijnstillers

2011.1 Benzodiazepinen  
Cardiaca

2013.1 Anti-HIV middelen  
Antischimmel middelen

2012.1 Psychofarmaca  
Antimicrobiële middelen  
Diversen

?????.? Drugs of Abuse  
Toxicologie

2012.4 Experimenteel

# Meest gestelde vraag

Ik wil een resultaat invoeren in QBase maar in het resultatenschermbaan ik voor deze component geen resultaat kwijt, hoe kan ik mijn resultaat rapporteren?

# Definiëren methoden

The screenshot shows the QBase software interface. On the left is a tree view of categories and sub-categories. On the right is a table with columns for 'Datum' and 'Ronde'. A context menu is open over the '2013.1' sub-category in the tree view.

**Tree View:**

- Alcoholen/GHB
- Anti-epileptica
- Anti-HIV middelen
- Antimicrobiële middelen
- Antischimmel middelen
- Benzodiazepinen
- Cardiaca
- Diversen
  - 2013.2
  - 2013.1**
  - 2012.4
  - 2012.3
  - 2012.2
- Experimenteren
- Metalen in
- Pijnstillers
- Psychofarmaca
- Vitamine B

**Context Menu:**

Refresh	F5
Wijzig naam	F2
QBase bericht	Ctrl+Q
Nieuw cluster	Ctrl+N
Verwijder cluster	Ctrl+Del
Verplaats cluster	Ctrl+M
Resultaten	Ctrl+R
Instellingen	Ctrl+I
Cluster eigenschappen	F1
Importeer resultaten	F10
Historie	Ctrl+H
Rapport opvragen	Ctrl+P
Uitslagenformulier	Ctrl+F
Statistiek	Ctrl+S
Statistiek (uitgebreid)	Ctrl+U
Archief	Ctrl+A

**Form Fields:**

Startdatum: 13 februari 2013

Uiterste inzenddatum: 14 maart 2013

Aangemaakt op: 12 februari 2013

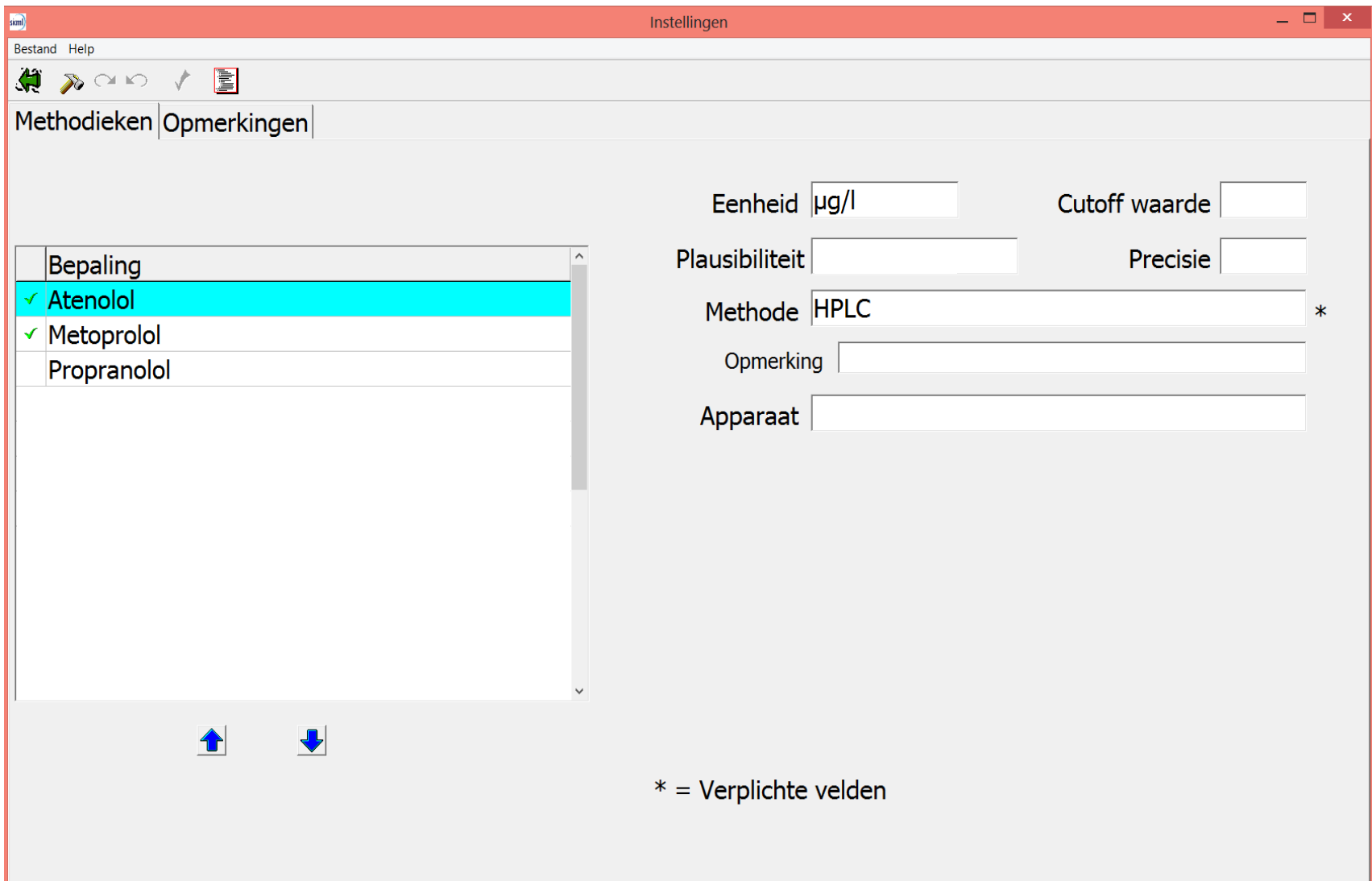
**Agenda :**

	Datum	Ronde
➔	15-05-13	Alcoholen/GHB 2013.2
➔	15-05-13	Anti-epileptica 2013.2
➔	15-05-13	Anti-HIV middelen 2013.1
➔	15-05-13	Antimicrobiële middelen 2013.2
➔	15-05-13	Antischimmel middelen 2013.1
➔	15-05-13	Benzodiazepinen 2013.2
➔	15-05-13	Cardiaca 2013.2

# Definiëren methoden

- Aan/uitzetten bepalingen
- Invoer methode(n)
- Eenheid

# Definiëren methoden (situatie 1)



Instellingen

Bestand Help

Methodieken Opmerkingen

Bepaling	
✓ Atenolol	
✓ Metoprolol	
Propranolol	

Eenheid  Cutoff waarde

Plausibiliteit  Precisie

Methode  \*

Opmerking

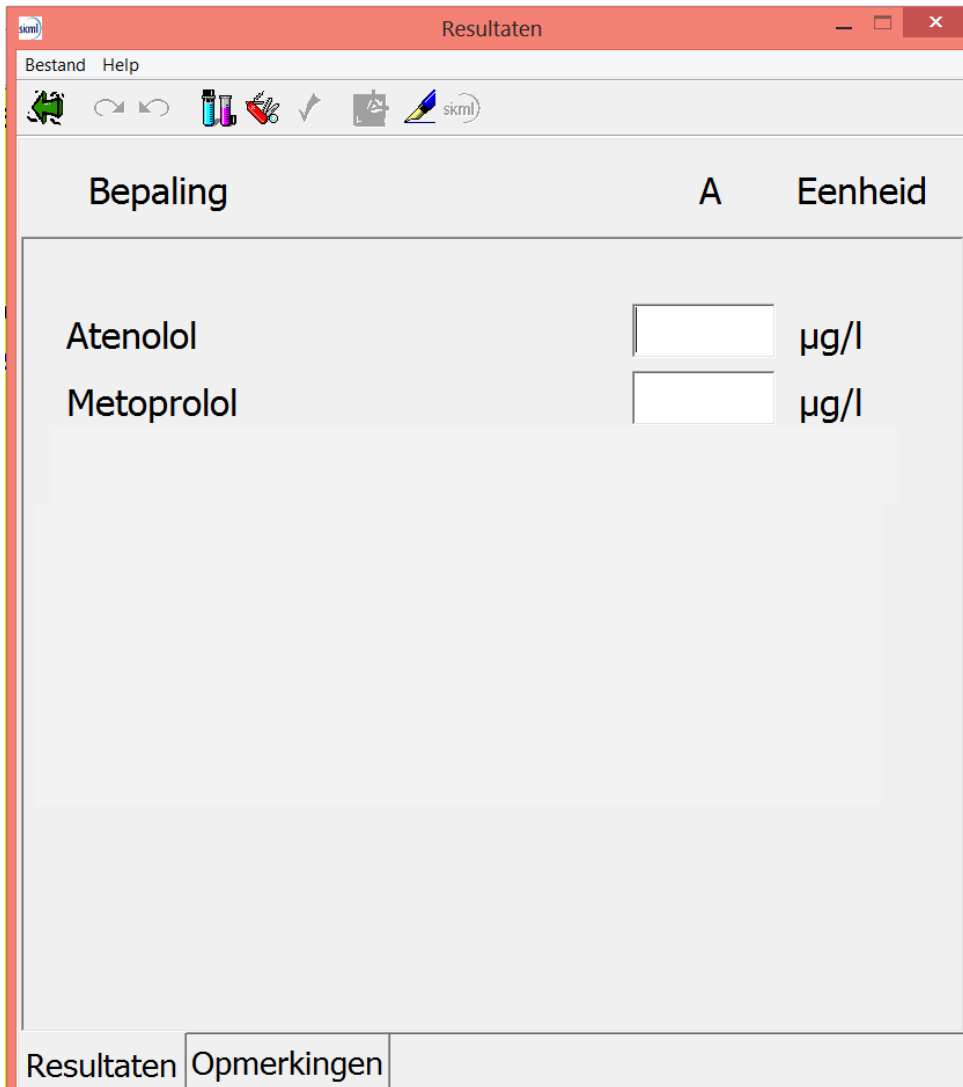
Apparaat

↑ ↓

\* = Verplichte velden



# Invoer resultaten (situatie 1)

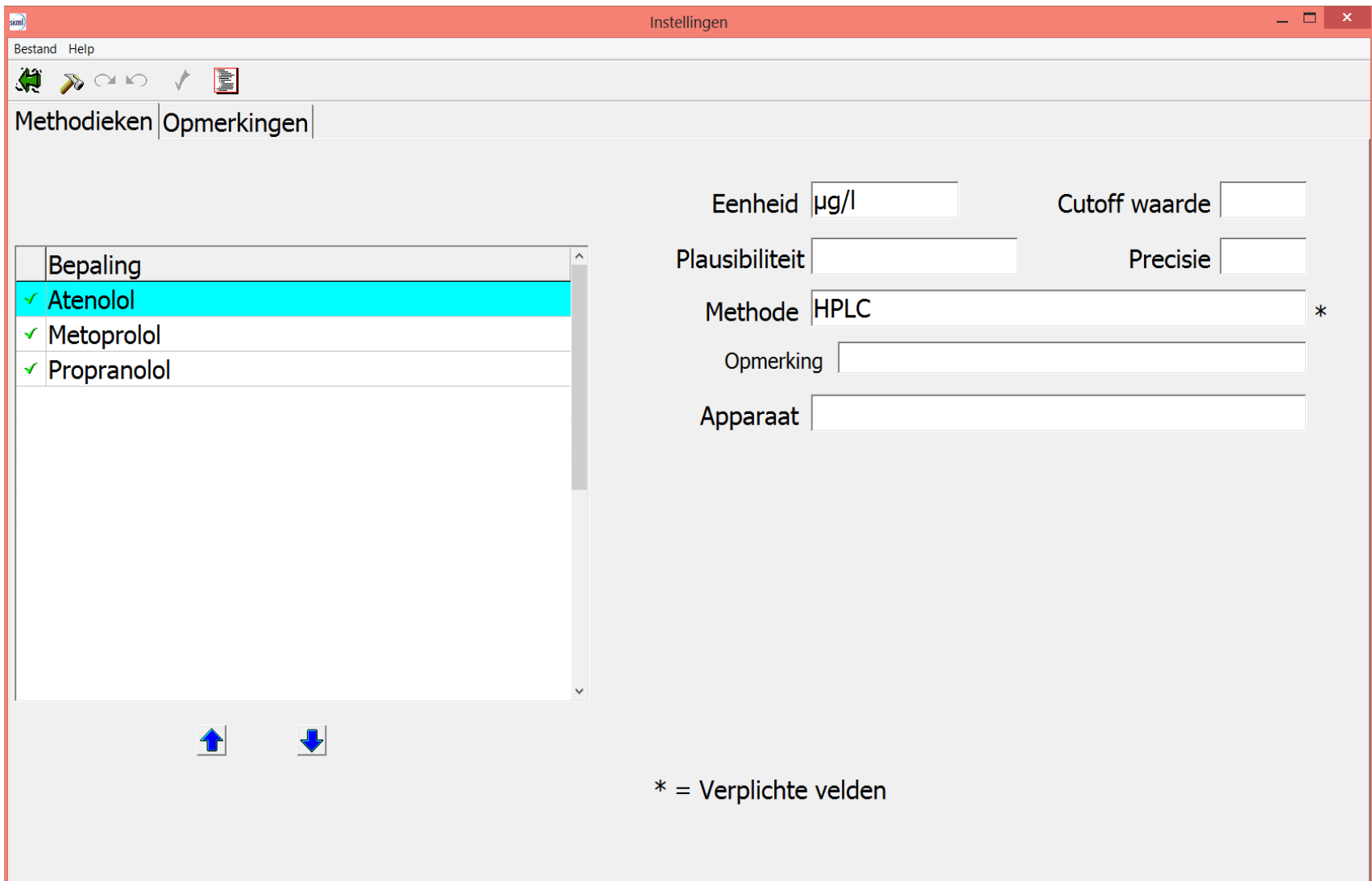


The screenshot shows a software window titled "Resultaten" with a menu bar containing "Bestand" and "Help". Below the menu bar is a toolbar with icons for navigation and editing. The main area contains a table with three columns: "Bepaling", "A", and "Eenheid". Two rows of data are visible, each with a text input field in the "A" column.

Bepaling	A	Eenheid
Atenolol	<input type="text"/>	µg/l
Metoprolol	<input type="text"/>	µg/l

At the bottom of the window, there are two tabs: "Resultaten" and "Opmerkingen".

# Definiëren methoden (situatie 2)



Instellingen

Bestand Help

Methodieken Opmerkingen

Bepaling
✓ Atenolol
✓ Metoprolol
✓ Propranolol

Eenheid  Cutoff waarde

Plausibiliteit  Precisie

Methode  \*

Opmerking

Apparaat

\* = Verplichte velden

# Invoer resultaten (situatie 2)

The screenshot shows a software window titled "Resultaten" with a menu bar containing "Bestand" and "Help". Below the menu bar is a toolbar with icons for navigation and editing. The main area contains a table for data entry with three columns: "Bepaling", "A", and "Eenheid".

Bepaling	A	Eenheid
Atenolol	<input type="text"/>	µg/l
Metoprolol	<input type="text"/>	µg/l
Propranolol	<input type="text"/>	µg/l

At the bottom of the window, there are two tabs: "Resultaten" and "Opmerkingen".

# Definiëren methoden (situatie 3)

Instellingen

Bestand Help

Methodieken | Opmerkingen

Bepaling
✓ Atenolol
✓ Metoprolol
✓ Propranolol
✓ Desmethylflunitrazepam

Eenheid  Cutoff waarde

Plausibiliteit  Precisie

Methode  \*

Opmerking

Apparaat

↑ ↓

\* = Verplichte velden

# Invoer resultaten (situatie 3)

Bepaling	A	Eenheid
Atenolol	<input type="text"/>	µg/l
Metoprolol	<input type="text"/>	µg/l
Propranolol	<input type="text"/>	µg/l
Desmethyflunitrazepam	<input type="text"/>	µg/l

Resultaten Opmerkingen

# Tips

- Eenheden
- Rapporteer getal
  - Liever geen “kleiner dan” of “groter dan”
- Rapporteer geen “0”
- Definieer methode op de juiste manier
  - Methoden “overigen” → specificieer
  - Architect is geen methode, maar een apparaat



**MUSE**

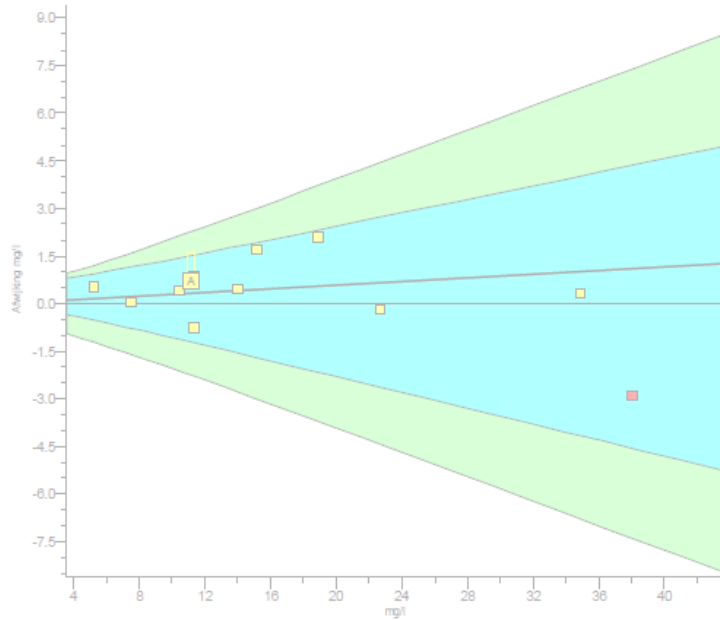
## Anti-epileptica 2013.1

Bepaling		Juistheid				Precisie		Performance			
		uw gem.	ref.	cons.	SDtl	uw SD	SDbl	deze ronde	PS	cumulatief	PSc
Valproïnezuur	mg/l	38.4	41.6	41.8	2.6	1.1	3.3		2		2
Ethosuximide	mg/l	55.7	55.8	57.0	3.1	1.9	2.4		2		2
Mono-hydroxy-carbazepine	mg/l	15.1	15.0	15.3	0.6	0.6	0.7		2		2
Carbamazepine	mg/l	5.84	5.82	6.48	0.53	0.63	0.37		2		2
Fenobarbital	mg/l	21.2	22.3	21.5	0.8	2.7	1.3		2		2
Lamotrigine	mg/l	5.93	5.99	6.12	0.30	0.19	0.41		2		2
Fenytoïne	mg/l	11.90	11.19	11.35	0.34	0.78	0.53		2		2
Epoxide-cbz	mg/l	2.98	2.99	3.01	0.12	0.10	0.10		2		1
Levetiracetam	mg/l	21.6	21.8	22.2	0.5	0.0	0.0		2		2
<b>Totaal :</b>									<b>18</b>		<b>17</b>



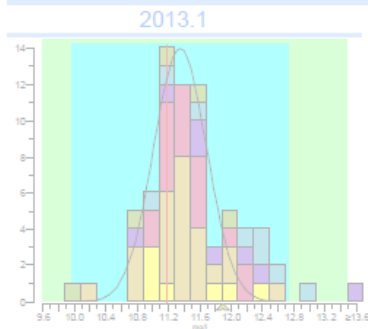
Fenytoïne

eenheid : mg/l

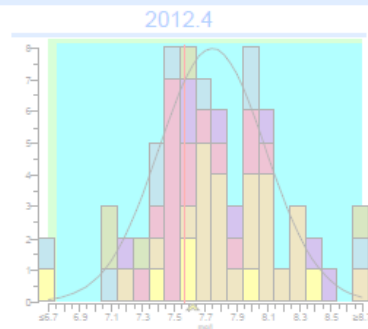


	2013.1 P-sc	cumulatief cumP-sc
Juistheid	+6.3%	+3.3%
Precisie		5.5%
Aantal	1	12
Uitbijters	0	1
TE sigma	6.0 2	5.9 2
SA sigma	1.1	1.1
Score pictogram		
Regressielijn		$0.00 + 1.929 \cdot x$

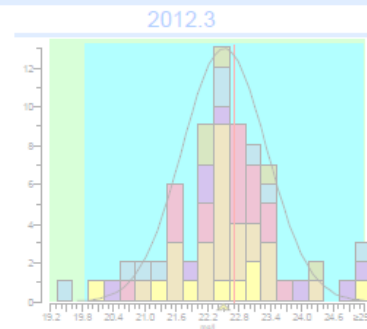
Consensusgroep Overall  
Methode EMIT



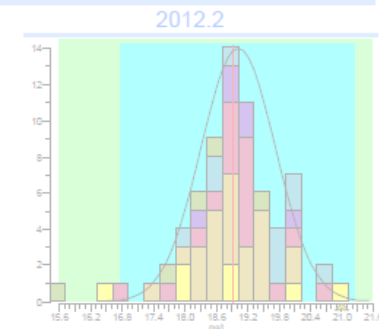
	cons.	meth.	ref.	lab
gem.	11.35	11.24	11.19	11.9
SD	0.34	0.48		
n	71	7		
nu	20	1		



	cons.	meth.	ref.	lab
gem.	7.74	7.80	7.57	7.62
SD	0.34	0.41		
n	70	6		
nu	5	1		



	cons.	meth.	ref.	lab
gem.	22.5	22.4	22.70	22.5
SD	0.8	0.7		
n	71	8		
nu	7	2		

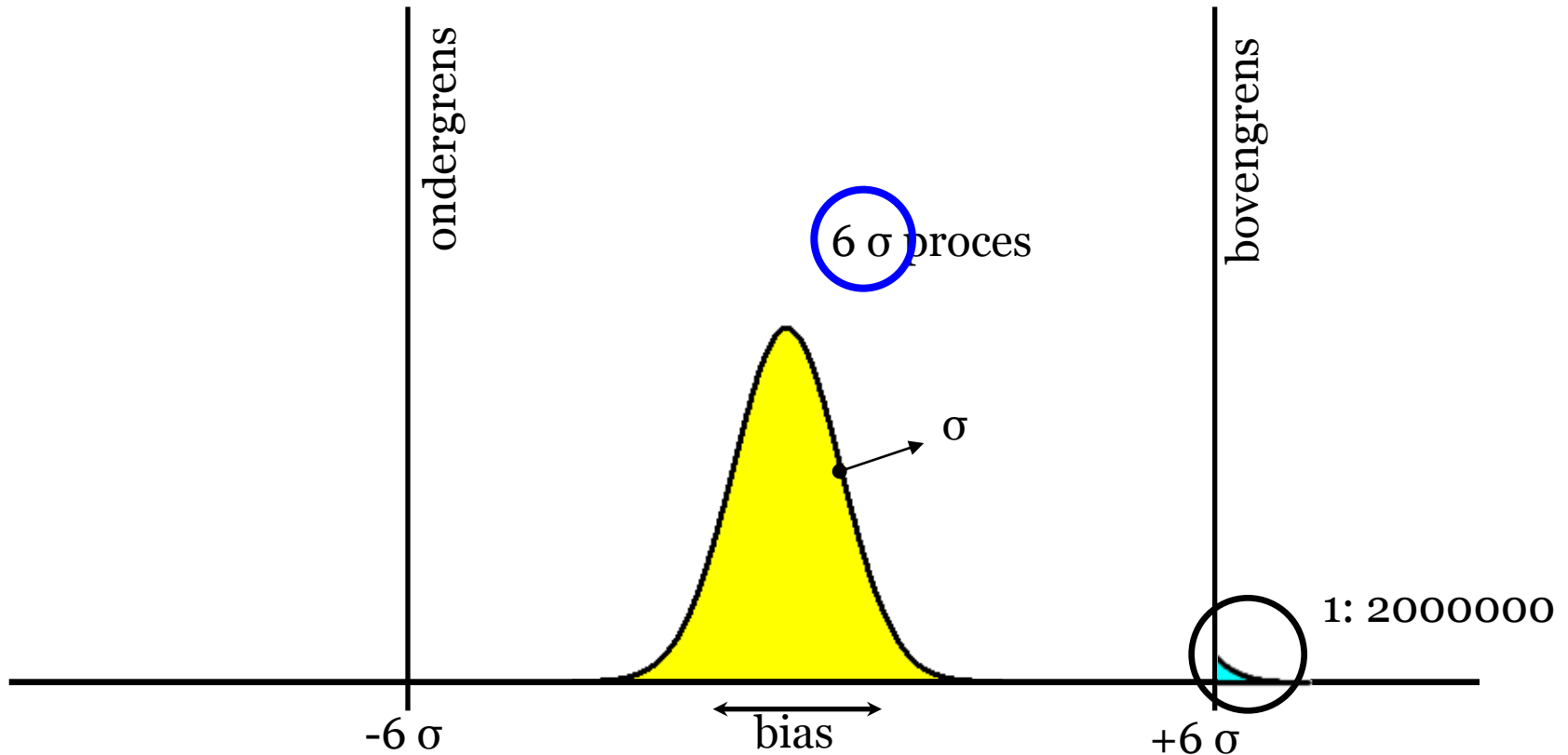


	cons.	meth.	ref.	lab
gem.	19.0	18.7	18.92	21.0
SD	0.7	0.8		
n	70	7		
nu	4	2		

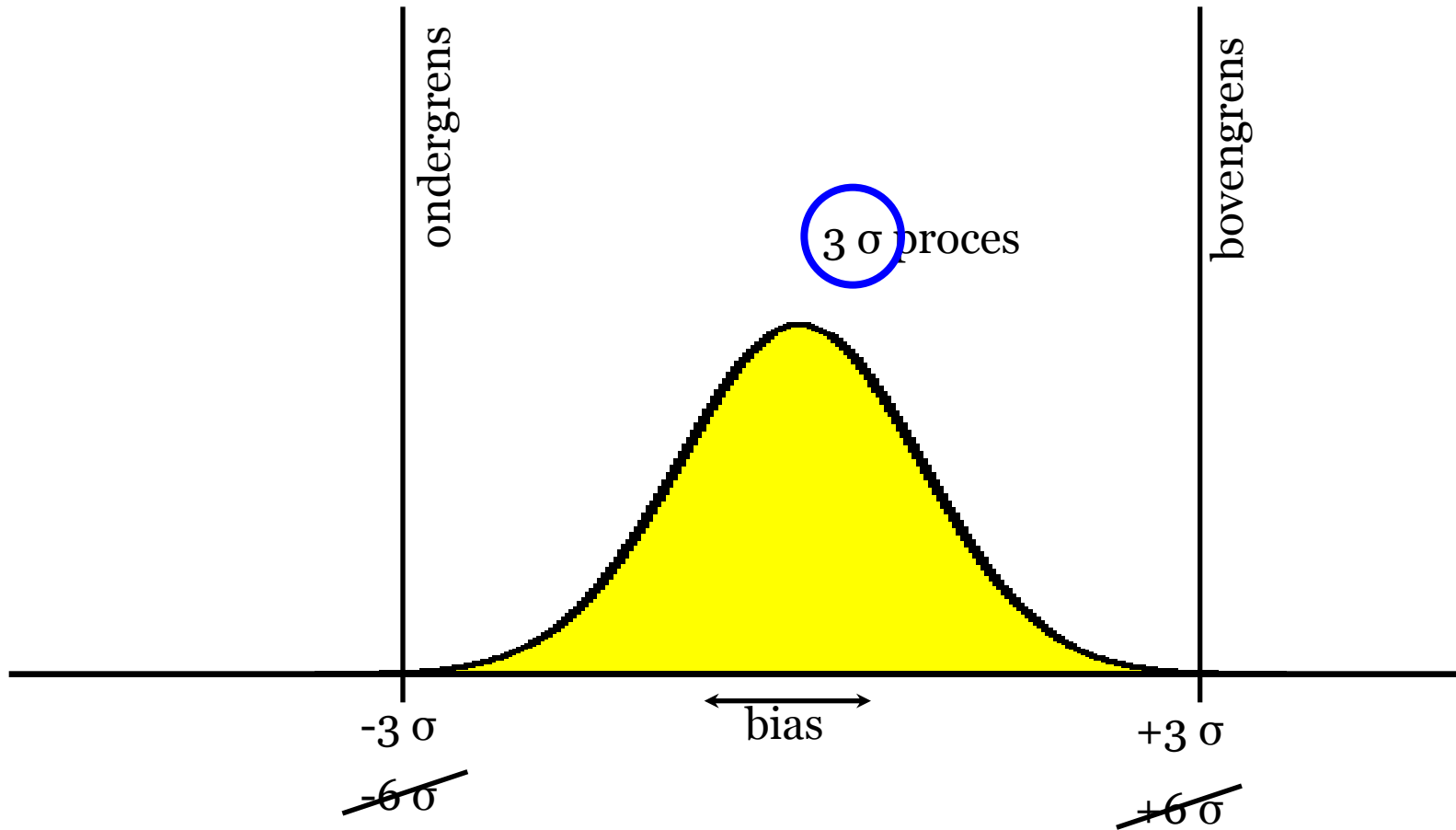
Legenda

EMIT	FPLC	HPLC	Turbidimetrie	KIMS
"Andere" (specificeer bij opmerking)				

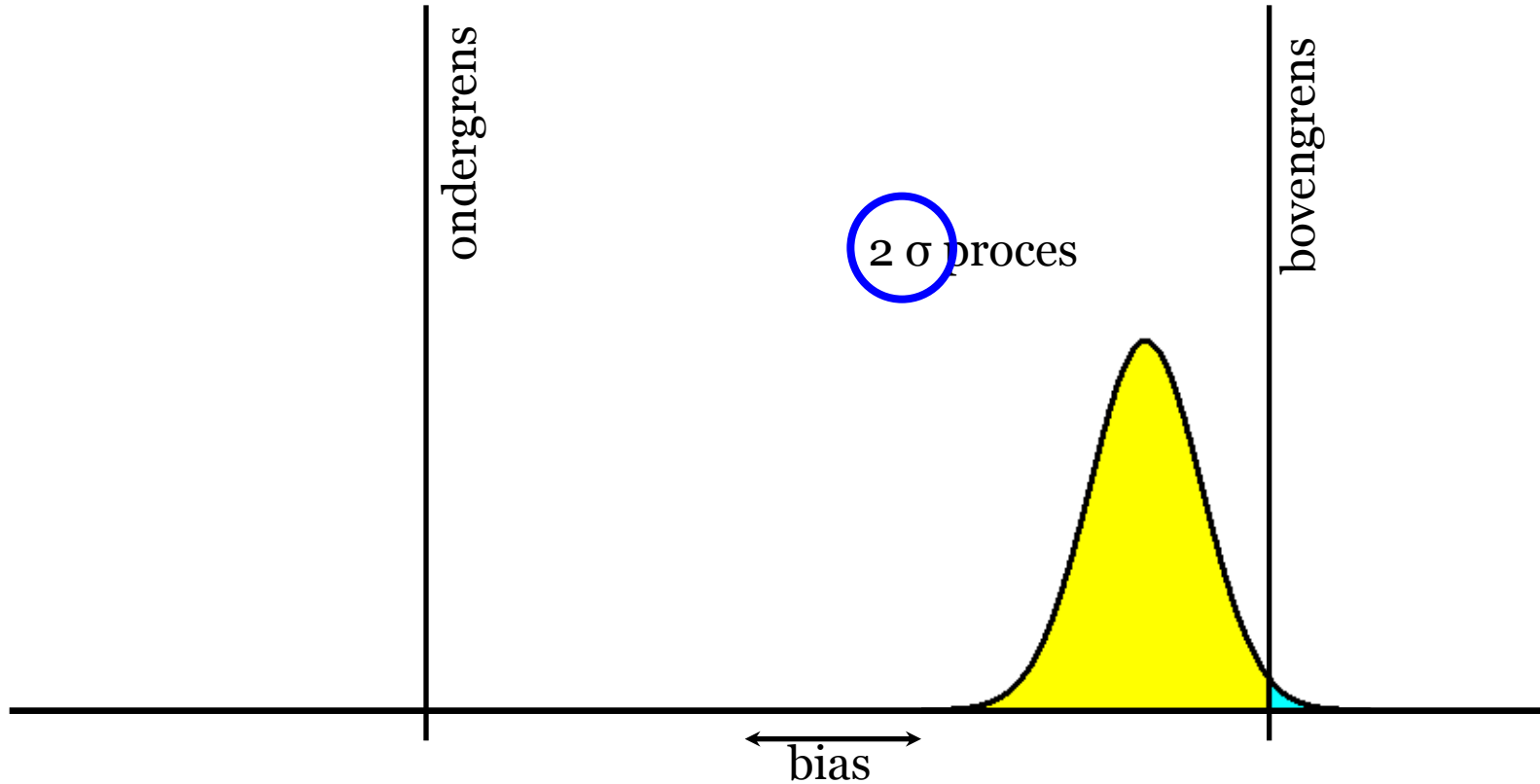
# Six Sigma



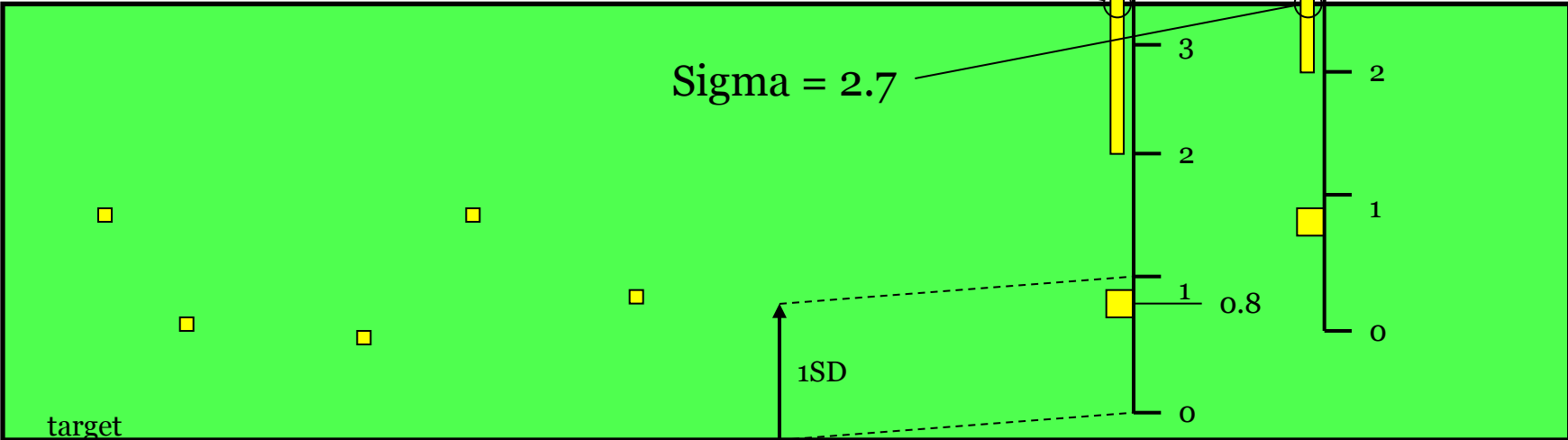
# Six Sigma



# Six Sigma

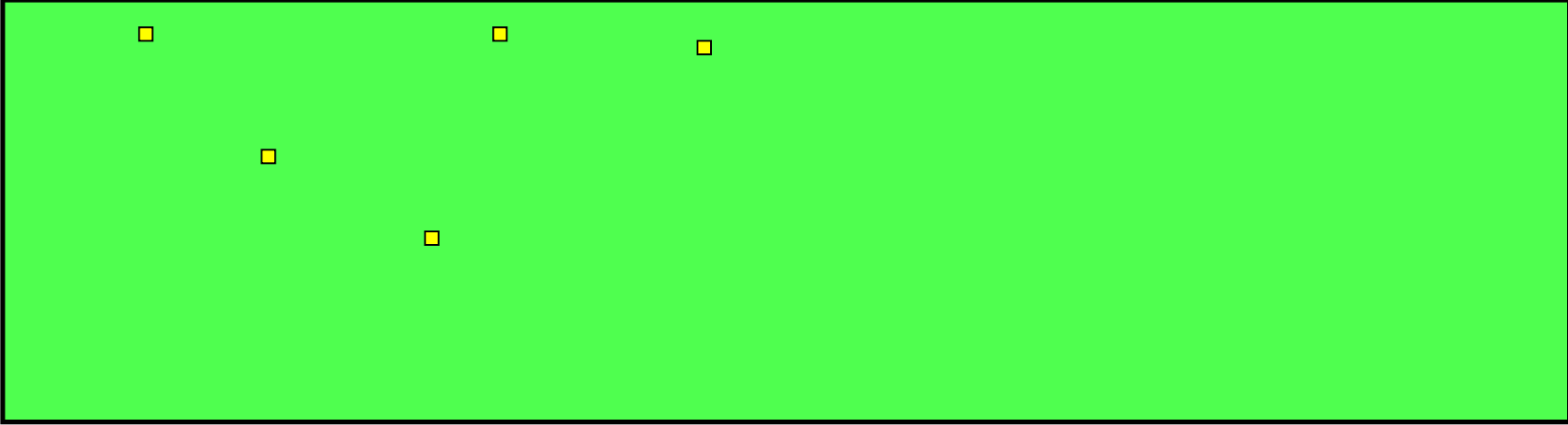


+TEa

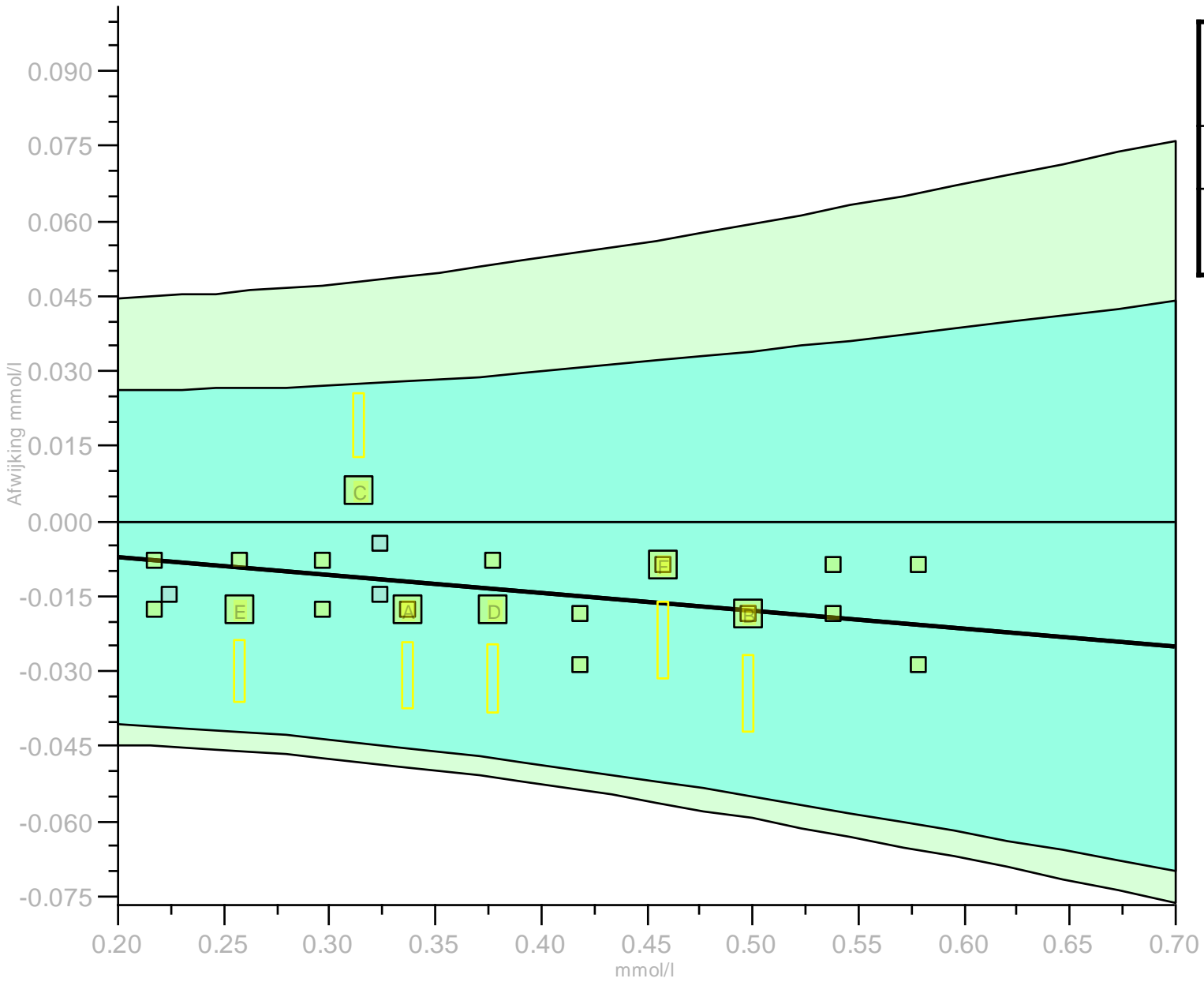


target

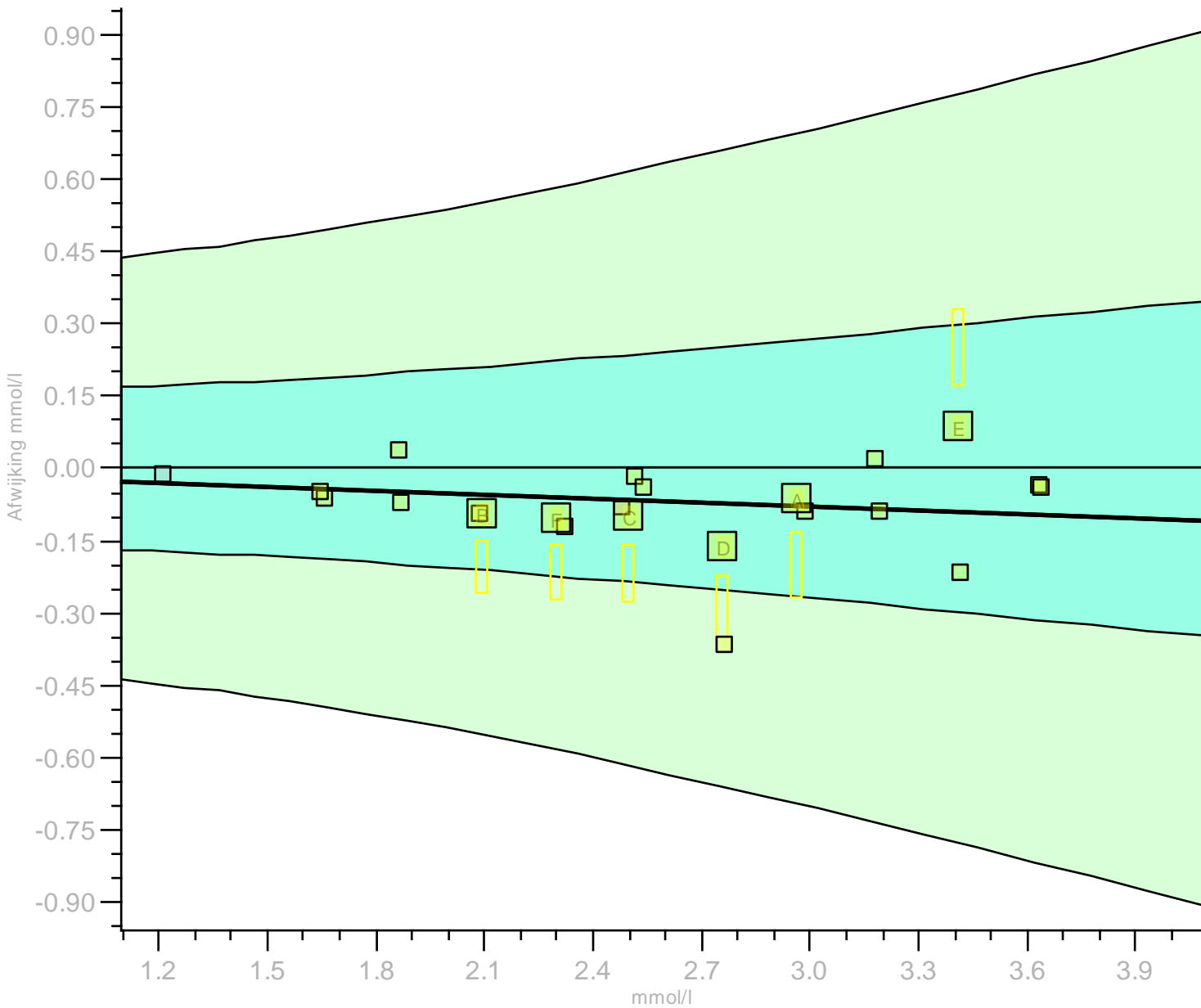
-TEa



Sigma	MAP punten	% Accept
0-2	0	<95%
2-4.5	1	95-99.999%
>4.5	2	>99.999%

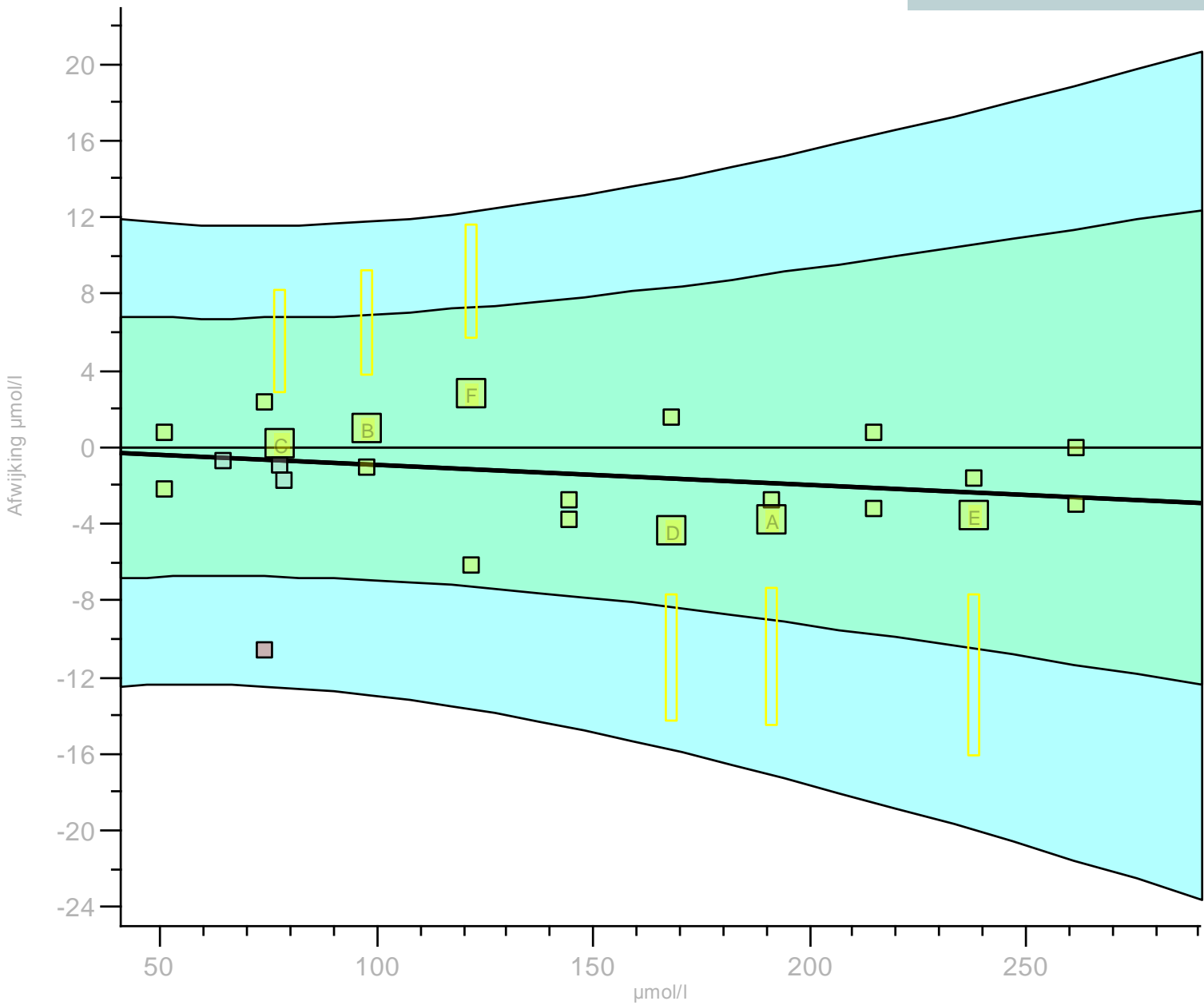


MAP score	
TE	SDsa
2	2

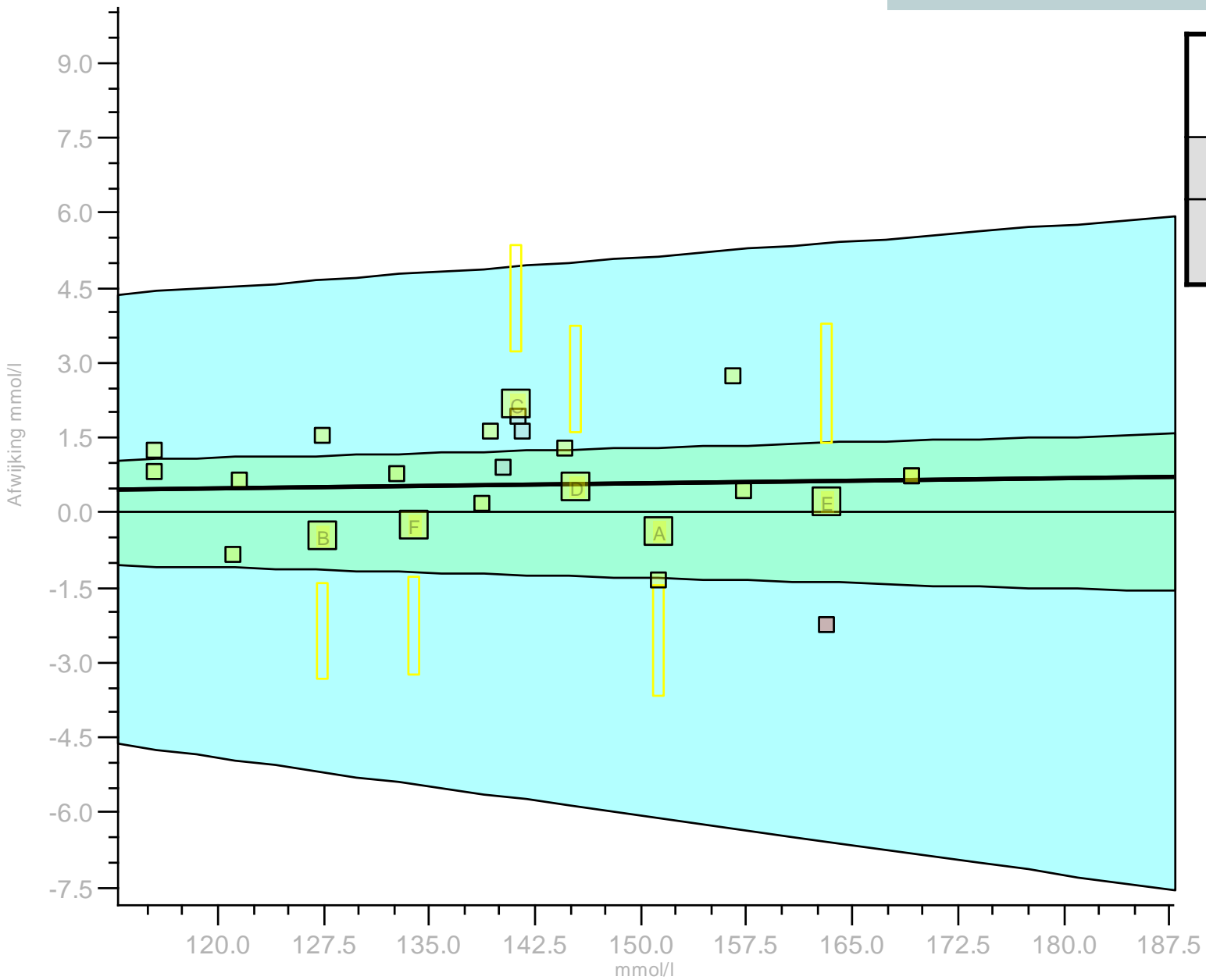


MAP score	
TE	SDsa
2	1





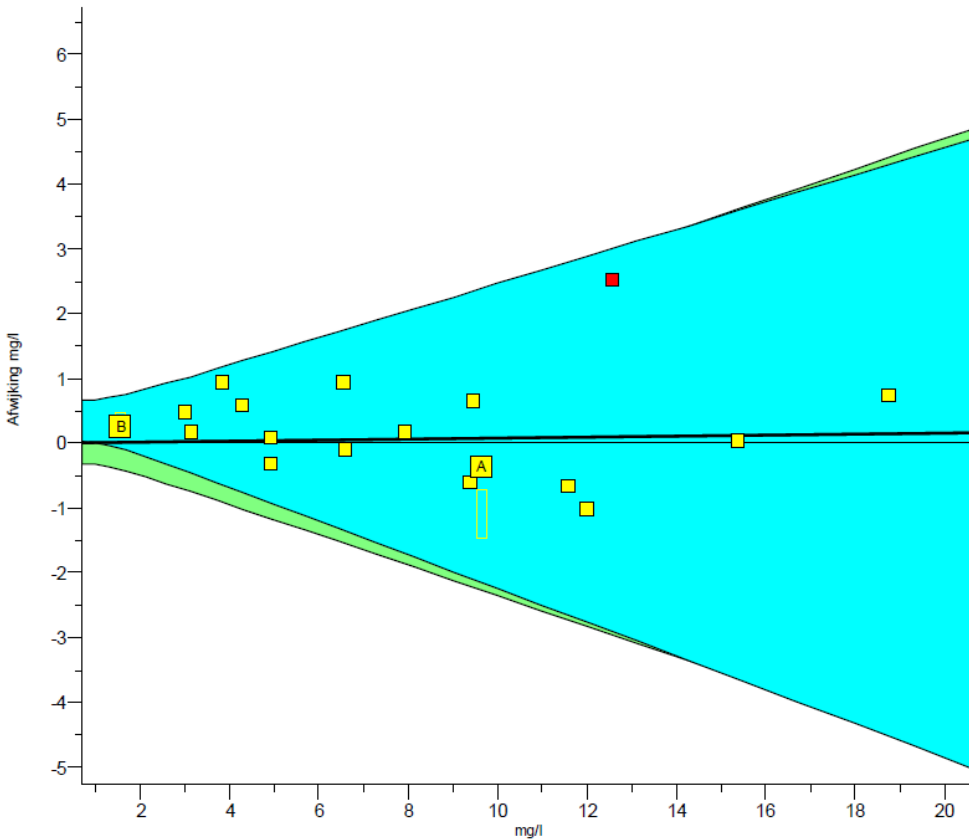
MAP score	
TE	SDsa
1	2



MAP score	
TE	SDsa
0	2

# Tobramycine

eenheid : mg/l

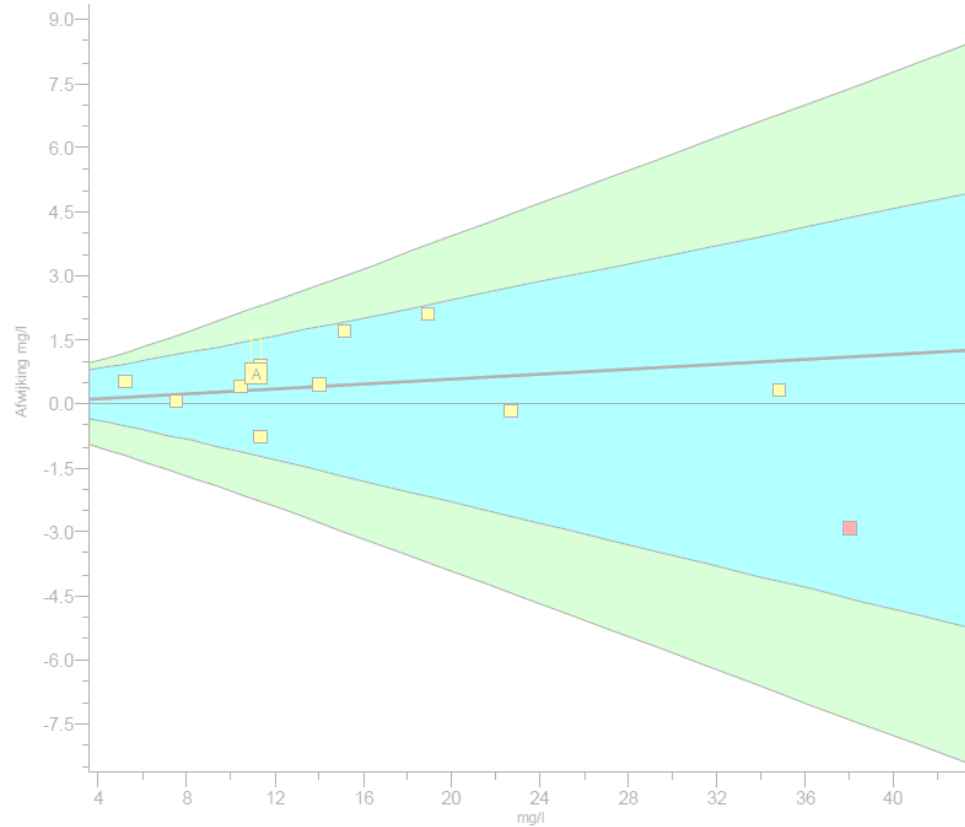


	2013.1	P-sc	cumulatief	cumP-sc
Juistheid	-1.1%		+1.7%	
Precisie			8.0%	
Aantal	2		18	
Uitbijters	0		1	
TE sigma	4.7	2	4.8	2
SA sigma	6.0		5.4	
Score pictogram				
Regressielijn			0.00 + 1.008.x	
Consensusgroep	Overall			
Methode	FPIA			

Bepaling		Juistheid				Precisie		Performance			
		uw gem.	ref.	cons.	SDtl	uw SD	SDbl	deze ronde	PS	cumulatief	PSc
Gentamicine	mg/l	6.00	5.99	5.88	0.32	0.66	0.48		2		2
Tobramycine	mg/l	5.55	5.61	5.63	0.25	0.61	0.50		2		2
Vancomycine	mg/l	21.0	20.8	22.5	2.0	1.5	1.1		2		2

# Fenytoïne

eenheid : mg/l



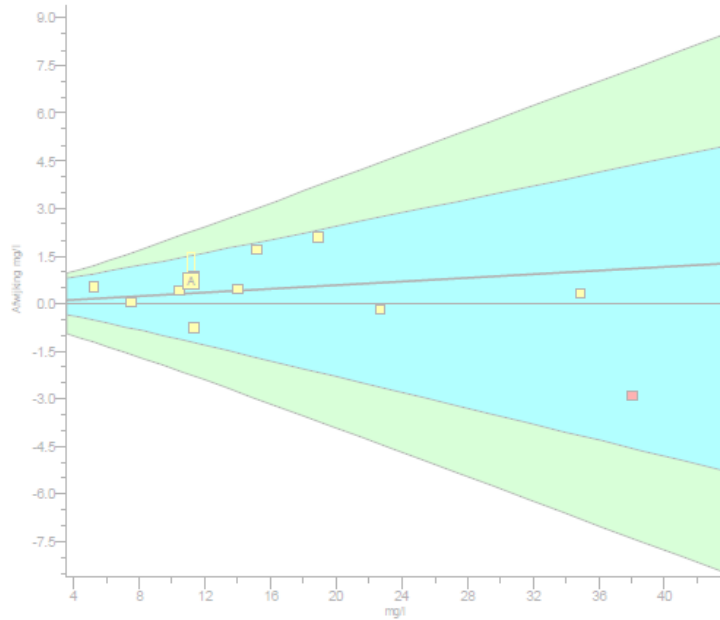
	2013.1 P-sc	cumulatief cumP-sc
Juistheid	+6.3%	+3.3%
Precisie		5.5%
Aantal	1	12
Uitbijters	0	1
TE sigma	6.0 2	5.9 2
SA sigma	4.4	4.4
Score pictogram		
Regressielijn		0.00 + 1.029.x

Consensusgroep Overall  
Methode EMIT

Substantie	mg/l	0.95	0.99	0.12	0.99	0.19	0.41		2		4
Fenytoïne	mg/l	11.90	11.19	11.35	0.34	0.78	0.53		2		2
Fnoxide-chz	ma/l	2.98	2.99	3.01	0.12	0.10	0.10		0		1

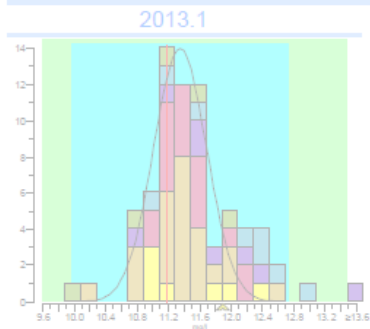
Fenytoïne

eenheid : mg/l

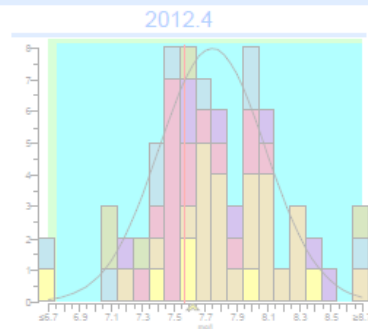


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SA sigma	4.4	4.4
Score pictogram		
Regressielijn		0.00 + 1.029.x

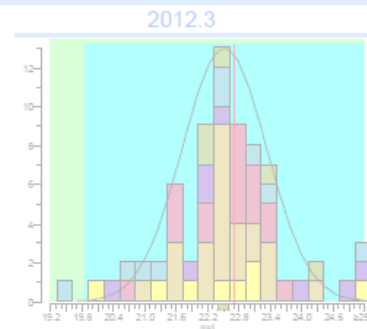
Consensusgroep Overall  
Methode EMIT



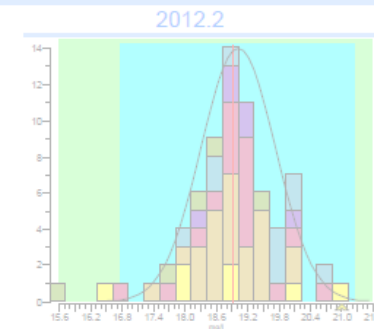
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	cons.	meth.	ref.	lab
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	cons.	meth.	ref.	lab
gem.	22.5	22.4	22.70	22.5
SD	0.8	0.7		
n	71	8		
nu	7	2		



	cons.	meth.	ref.	lab
gem.	19.0	18.7	18.92	21.0
SD	0.7	0.8		
n	70	7		
nu	4	2		

Legenda

EMIT	FPIA	HPLC	Turbidimetrie	KIMS
"Andere" (specificeer bij opmerking)				

## Anti-epileptica 2013.1

Bepaling		Juistheid				Precisie		Performance			
		uw gem.	ref.	cons.	SDtl	uw SD	SDbl	deze ronde	PS	cumulatief	PSc
Valproïnezuur	mg/l	38.4	41.6	41.8	2.6	1.1	3.3		2		2
Ethosuximide	mg/l	55.7	55.8	57.0	3.1	1.9	2.4		2		2
Mono-hydroxy-carbazepine	mg/l	15.1	15.0	15.3	0.6	0.6	0.7		2		2
Carbamazepine	mg/l	5.84	5.82	6.48	0.53	0.63	0.37		2		2
Fenobarbital	mg/l	21.2	22.3	21.5	0.8	2.7	1.3		2		2
Lamotrigine	mg/l	5.93	5.99	6.12	0.30	0.19	0.41		2		2
Fenytoïne	mg/l	11.90	11.19	11.35	0.34	0.78	0.53		2		2
Epoxide-cbz	mg/l	2.98	2.99	3.01	0.12	0.10	0.10		2		1
Levetiracetam	mg/l	21.6	21.8	22.2	0.5	0.0	0.0		2		2
<b>Totaal :</b>									<b>18</b>		<b>17</b>

Vragen?