3706 A. El Kadiki
QMC Nottingham
-

July, 29 2014 11:40

Groot Brittannië

INPUtS 2013.1

Survey	INPUtS 2013.1
Start date	January, 1 2013

Supervisor	dr. C. Weykamp
	MCA Laboratory
	Streekziekenhuis Koningin Beatrix
	Winterswijk

Subscriptions	93
Result sets	91

Scores	Your score	MAP	reported
Quantitative	28	38	

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Analyte		Trueness				Precision		Performance			
		your mean	ref.	cons.	SDtl	your prec.	SDbl	this survey	PS	cumulative	PSc
ALAT	U/l	92.2	98.2	86.9	10.1	4.0	2.7		2		2
Alk. Phosphatase	U/l	175	188	173	15	6	2		2		2
Amylase	U/l	160	207	175	17	8	3		0		0
ASAT	U/l	75.2	78.6	71.5	6.8	1.5	1.6		2		2
Calcium	mmol/l	2.50	2.46	2.47	0.07	0.05	0.02		2		2
Chloride	mmol/l	103.0	100.0	100.8	1.8	1.5	0.9		1		1
CK	U/l	245	244	249	14	16	3		2		2
Creatinine	µmol/l	149.3	149.1	150.9	7.1	1.9	4.2		1		1
eGFR (F, 55, white)	ml/min/1,73m^2	37.3	37.6	37.6	2.7	0.5	1.5		2		2
Gamma-GT	U/l	91.5	87.7	86.3	8.6	2.7	1.2		2		2
Glucose	mmol/l	14.68	13.93	14.19	0.44	0.48	0.18		1		1
LD	U/l	1092	532	895	321	8	16		0		0
Magnesium	mmol/l	1.28	1.22	1.23	0.04	0.07	0.02		2		2
Potassium	mmol/l	5.33	5.39	5.30	0.10	0.07	0.04		2		2
Sodium	mmol/l	143.0	144.0	142.7	1.7	1.0	0.9		2		2
Total Protein	g/l	66.5	66.8	66.0	1.8	0.8	0.7		2		2
Urate	µmol/l	376	376	374	15	13	4		2		2
Cholesterol	mmol/l	5.40	5.01	5.09	0.14	0.04	0.05		0		0
HDL-Cholesterol	mmol/l	1.17	1.14	1.13	0.03	0.05	0.02		1		1

Total :   28   28

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ALAT	units: U/l
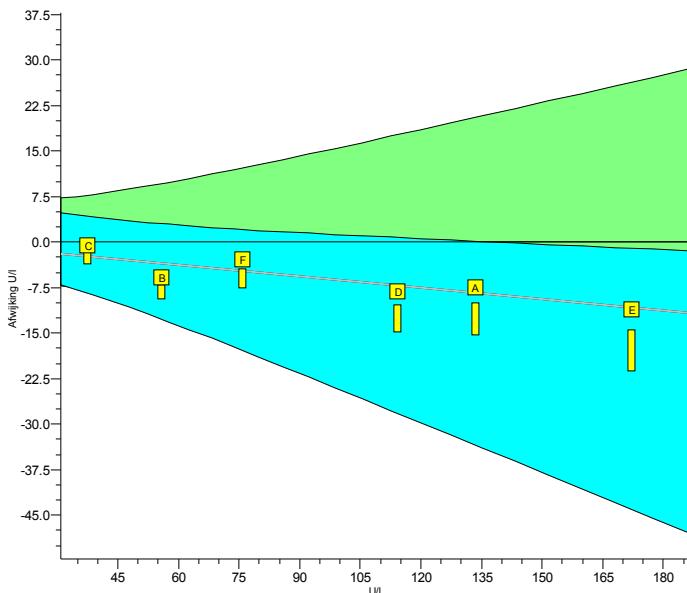
	2013.1	cumulative
Trueness	-6.2%	-6.2%
Precision	4.7%	4.7%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	4.9	4.9
Score pictogram		
Regression line	0.0 + 0.937.x	0.0 + 0.937.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	122.7	122.7	133.5	126
SD	11.8	11.8		
n	75	75		
no	1	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	50.7	50.7	55.9	50
SD	3.9	3.9		
n	76	76		
no	3	3		

2013.1 C

	cons.	meth.	exp.	lab
mean	35.5	35.5	37,6	37
SD	3.6	3.6		
n	76	76		
no	7	7		

2013.1 D

	cons.	meth.	ref.	lab
mean	100.9	100.9	114.2	106
SD	9.4	9.4		
n	76	76		
no	3	3		

2013.1 E

	cons.	meth.	ref.	lab
mean	146	146	172.2	161
SD	18	18		
n	77	77		
no	1	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	66.1	66.1	75.9	73
SD	5.3	5.3		
n	77	77		
no	3	3		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Alk. Phosphatase	units: U/l
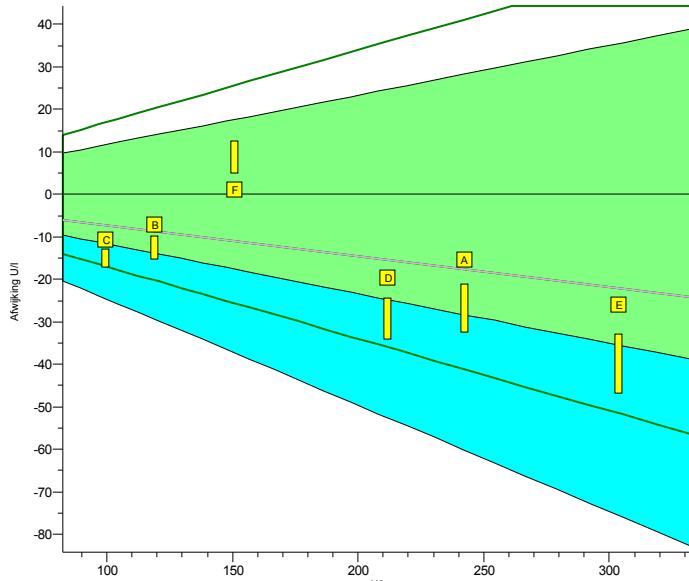
	2013.1	cumulative
Trueness	-6.9%	-6.9%
Precision	3.5%	3.5%
Number	6	6
Outliers	0	0
Sigma-TE	3.1	3.1
Sigma-SA	5.7 2	5.7 2
Score pictogram		
Regression line	0 + 0.928.x	0 + 0.928.x

| Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	224	224	242.5	227
SD	19	19		
n	77	77		
no	5	5		

2013.1 B

	cons.	meth.	ref.	lab
mean	110	110	119.1	112
SD	9	9		
n	77	77		
no	5	5		

2013.1 C

	cons.	meth.	exp.	lab
mean	92	92	99,7	89
SD	5	5		
n	76	76		
no	10	10		

2013.1 D

	cons.	meth.	ref.	lab
mean	194	194	211.7	192
SD	14	14		
n	77	77		
no	6	6		

2013.1 E

	cons.	meth.	ref.	lab
mean	280	280	304.0	278
SD	25	25		
n	78	78		
no	3	3		

2013.1 F

	cons.	meth.	ref.	lab
mean	139	139	150.9	152
SD	11	11		
n	78	78		
no	5	5		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Amylase	units: U/l
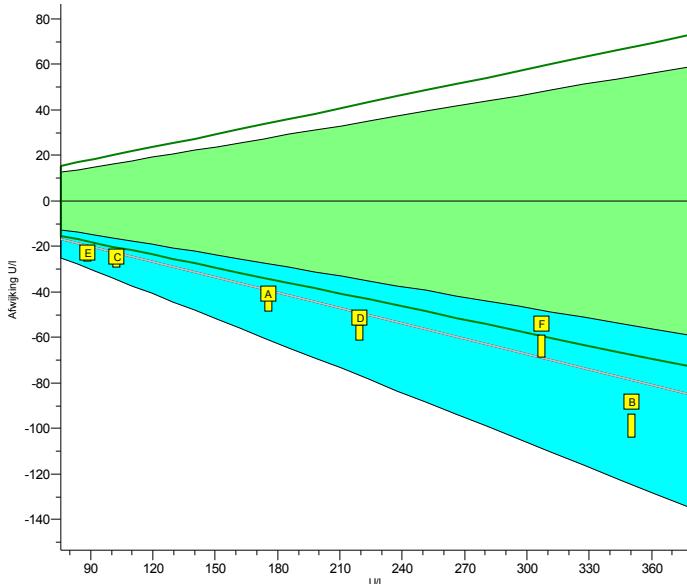
	2013.1	cumulative
Trueness	-23%	-23%
Precision	4.8%	4.8%
Number	6	6
Outliers	0	0
Sigma-TE	-2.6	-2.6
Sigma-SA	-1.4 [0]	-1.4 [0]
Score pictogram		
Regression line	0 + 0.776.x	0 + 0.776.x

Consensus group	niet IFCC traceerbaar
Method	IFCC non-traceable
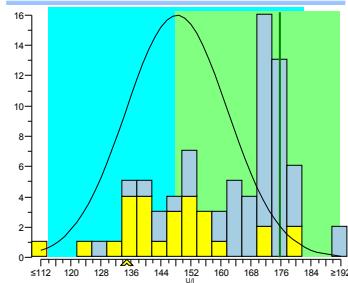
2013.1 A

|	cons.	meth.	ref.	lab
mean	148	148	175.8	135
SD	14	14		
n	27	27		
no	1	1		

2013.1 B
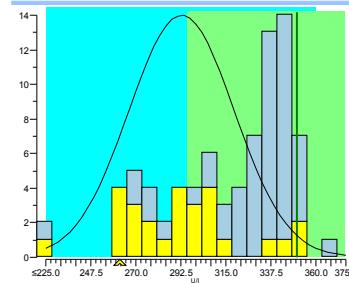
	cons.	meth.	ref.	lab
mean	293	293	350.5	262
SD	26	26		
n	27	27		
no	1	1		

2013.1 C
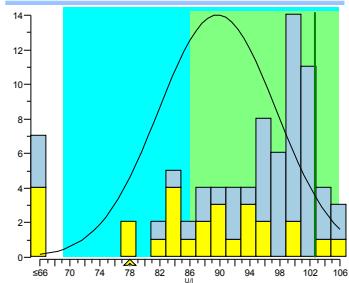
	cons.	meth.	exp.	lab
mean	90	90	102,7	78
SD	8	8		
n	27	27		
no	4	4		

2013.1 D
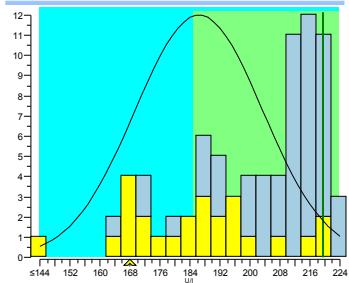
	cons.	meth.	ref.	lab
mean	186	186	219.4	168
SD	17	17		
n	25	25		
no	1	1		

2013.1 E
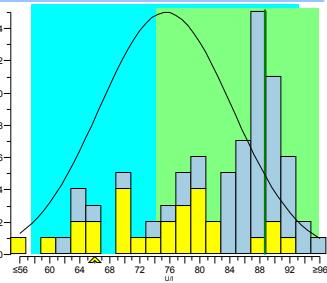
	cons.	meth.	ref.	lab
mean	75	75	88.7	66
SD	9	9		
n	27	27		
no	1	1		

2013.1 F
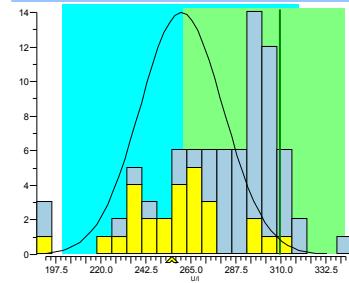
	cons.	meth.	ref.	lab
mean	258	258	307.0	253
SD	21	21		
n	27	27		
no	1	1		

Legend

IFCC non-traceable   IFCC traceable

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ASAT	units: U/l
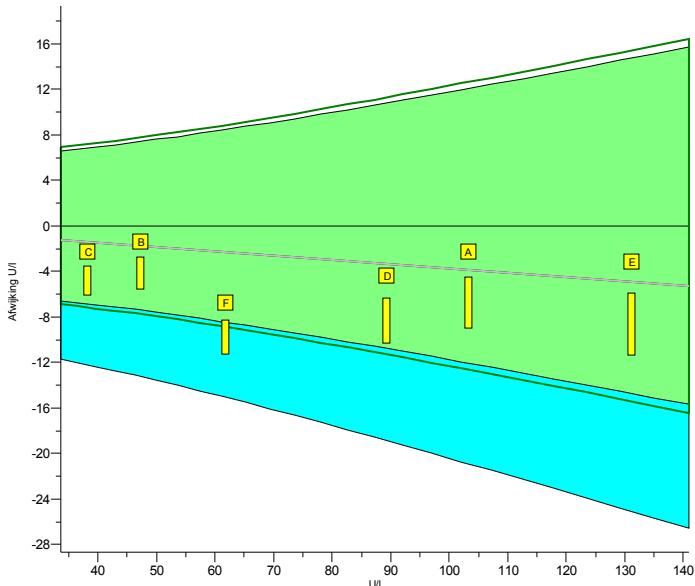
|	2013.1	cumulative
Trueness	-4.3%	-4.3%
Precision	2.1%	2.1%
Number	6	6
Outliers	0	0
Sigma-TE	4.9	4.9
Sigma-SA	5.2 2	5.2 2
Score pictogram		
Regression line	0.0 + 0.963.x	0.0 + 0.963.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A


	cons.	meth.	ref.	lab
mean	96.3	96.3	103.3	101
SD	8.2	8.2		
n	75	75		
no	1	1		

2013.1 B


|	cons.	meth.	ref.	lab
mean	42.3	42.3	47.4	46
SD	4.0	4.0		
n	75	75		
no	1	1		

2013.1 C

|	cons.	meth.	exp.	lab
mean	33.3	33.3	38,3	36
SD	3.3	3.3		
n	75	75		
no	2	2		

2013.1 D

	cons.	meth.	ref.	lab
mean	81.8	81.8	89.4	85
SD	7.2	7.2		
n	74	74		
no	1	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	120.9	120.9	131.2	128
SD	10.3	10.3		
n	76	76		
no	1	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	54.6	54.6	61.8	55
SD	5.1	5.1		
n	76	76		
no	2	2		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Calcium		units: mmol/l
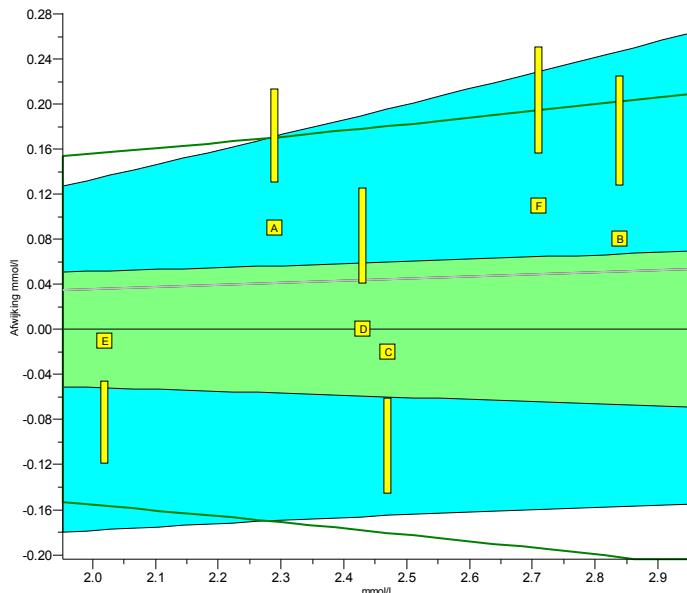
	2013.1	cumulative
Trueness	+1.7%	+1.7%
Precision	1.8%	1.8%
Number	6	6
Outliers	0	0
Sigma-TE	1.1	1.1
Sigma-SA	4.6 2	4.6 2
Score pictogram		
Regression line	0.00 + 1.018.x	0.00 + 1.018.x

Consensus group	Colorimetrisch
Method	Colorimetric, automatic, discrete
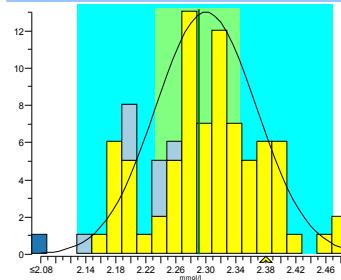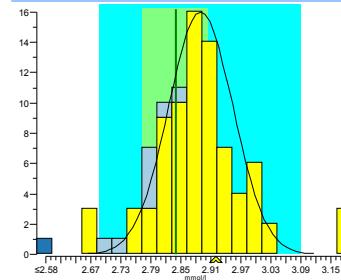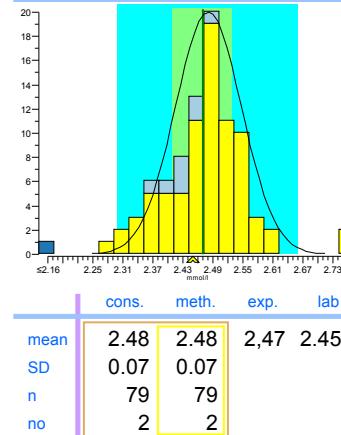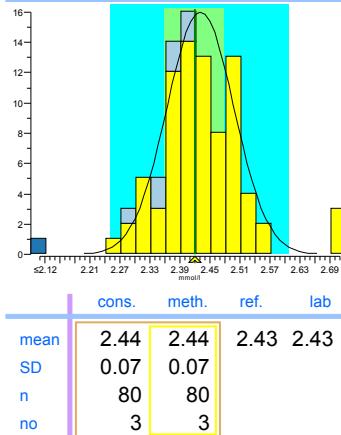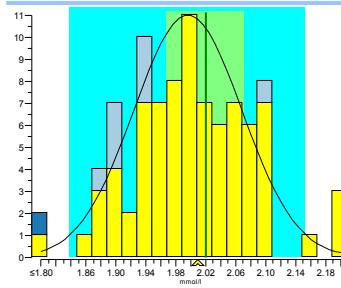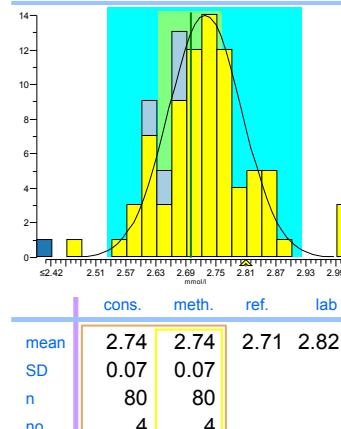
2013.1 A

	cons.	meth.	ref.	lab
mean	2.30	2.30	2.29	2.38
SD	0.07	0.07		
n	80	80		
no	2	2		

2013.1 B

	cons.	meth.	ref.	lab
mean	2.89	2.89	2.84	2.92
SD	0.06	0.06		
n	80	80		
no	6	6		

2013.1 C

	cons.	meth.	exp.	lab
mean	2.48	2.48	2,47	2.45
SD	0.07	0.07		
n	79	79		
no	2	2		

2013.1 D

	cons.	meth.	ref.	lab
mean	2.44	2.44	2.43	2.43
SD	0.07	0.07		
n	80	80		
no	3	3		

2013.1 E

	cons.	meth.	ref.	lab
mean	2.00	2.00	2.02	2.01
SD	0.07	0.07		
n	81	81		
no	3	3		

2013.1 F

	cons.	meth.	ref.	lab
mean	2.74	2.74	2.71	2.82
SD	0.07	0.07		
n	80	80		
no	4	4		

Legend

Colorimetric, automatic, discrete	ISE indirect (with predilution)	Other methods

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Chloride	units: mmol/l
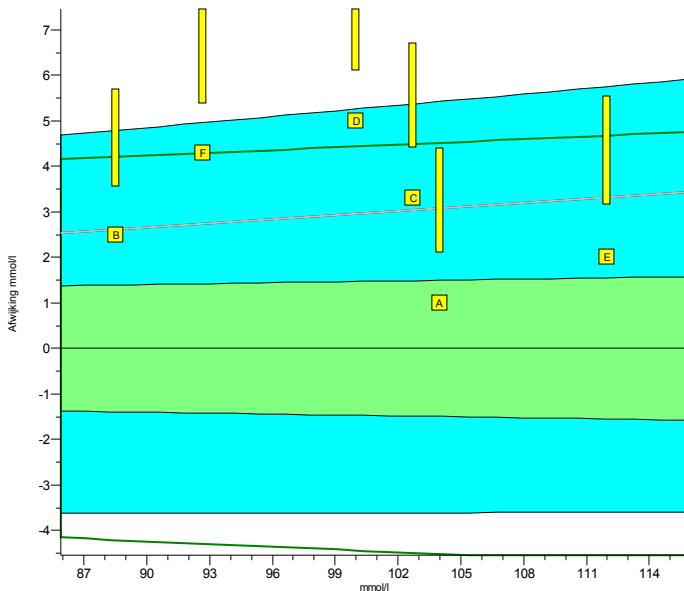
	2013.1	cumulative
Trueness	+3.0%	+3.0%
Precision	1.5%	1.5%
Number	6	6
Outliers	0	0
Sigma-TE	-0.9	-0.9
Sigma-SA	2.4 [1]	2.4 [1]
Score pictogram		
Regression line	0.0 + 1.030.x	0.0 + 1.030.x

Consensus group	ISE/Colorimetrie
Method	ISE indirect (with predilution)
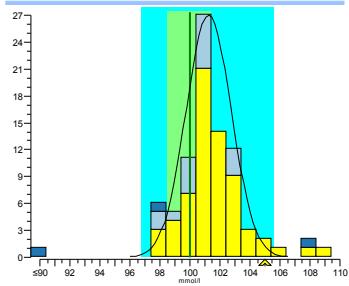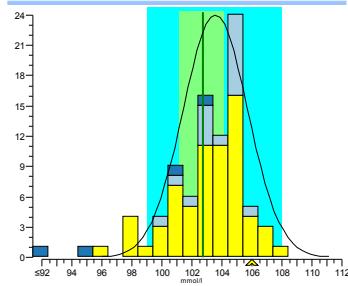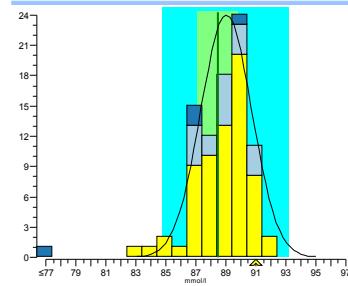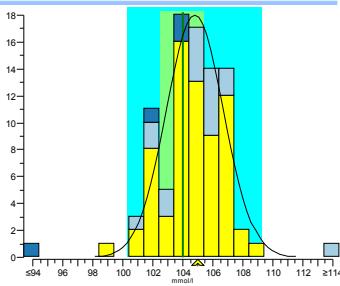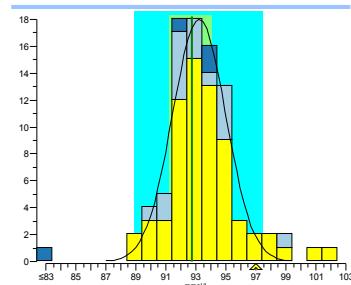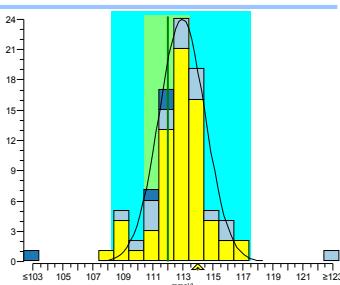
2013.1 A

	cons.	meth.	ref.	lab
mean	104.8	104.8	104	105
SD	1.9	1.8		
n	88	67		
no	3	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	89.0	89.0	88.5	91
SD	1.7	1.7		
n	88	67		
no	2	1		

2013.1 C

	cons.	meth.	exp.	lab
mean	103.6	103.3	102,7	106
SD	2.2	2.3		
n	88	67		
no	3	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	101.3	101.4	100	105
SD	1.5	1.5		
n	85	66		
no	6	3		

2013.1 E

	cons.	meth.	ref.	lab
mean	113.0	113.0	112	114
SD	1.5	1.7		
n	88	67		
no	3	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	93.2	93.3	92.7	97
SD	1.8	1.9		
n	88	67		
no	5	3		

Legend

	ISE indirect (with predilution)		ISE direct (no predilution)		Other methods

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CK		units: U/l
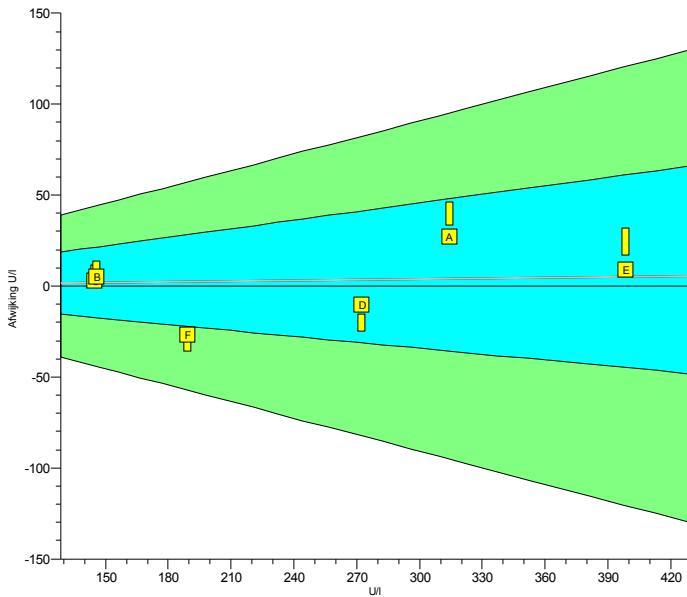
|	2013.1	cumulative
Trueness	+0.41%	+0.41%
Precision	6.5%	6.5%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	5.6	5.6
Score pictogram		
Regression line	0 + 1.012.x	0 + 1.012.x

Consensus group	niet IFCC traceerbaar
Method	IFCC non-traceable
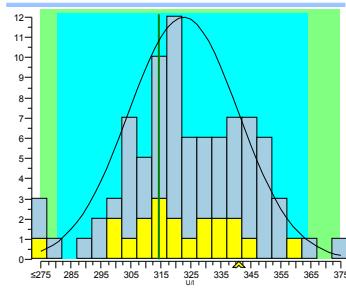
2013.1 A

	cons.	meth.	ref.	lab
mean	323	323	314.3	341
SD	18	18		
n	20	20		
no	1	1		

2013.1 B
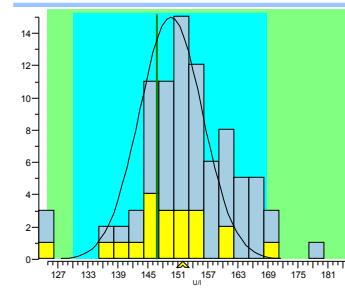

	cons.	meth.	ref.	lab
mean	149	149	145.8	151
SD	6	6		
n	20	20		
no	2	2		

2013.1 C
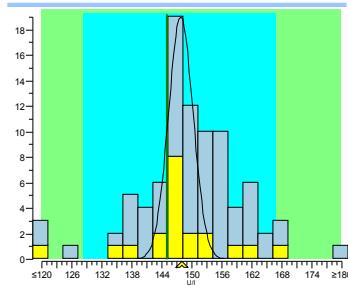
	cons.	meth.	exp.	lab
mean	148	148	145	148
SD	2	2		
n	20	20		
no	6	6		

2013.1 D
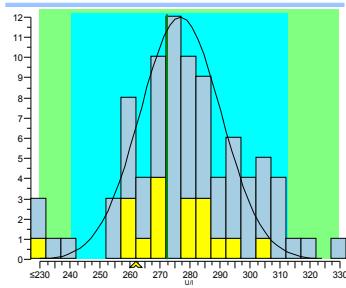
	cons.	meth.	ref.	lab
mean	277	277	272.3	262
SD	13	13		
n	18	18		
no	1	1		

2013.1 E
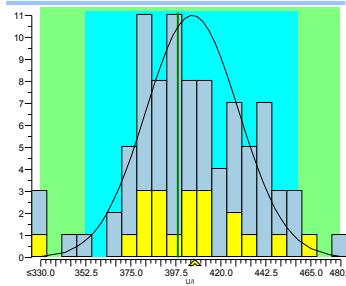
|	cons.	meth.	ref.	lab
mean	406	406	398.4	407
SD	23	23		
n	20	20		
no	1	1		

2013.1 F
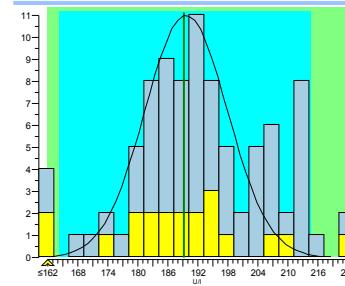
	cons.	meth.	ref.	lab
mean	190	190	189.2	162
SD	8	8		
n	20	20		
no	3	3		

Legend

☐ IFCC non-traceable   ☐ IFCC traceable

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Creatinine

units: µmol/l
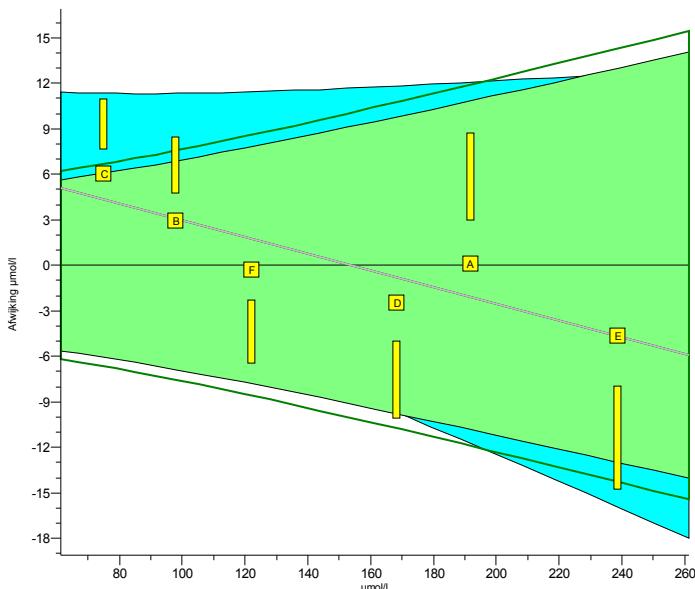
	2013.1	cumulative
Trueness	+0.17%	+0.17%
Precision	1.3%	1.3%
Number	6	6
Outliers	0	0
Sigma-TE	3.9	3.9
Sigma-SA	4.3 [1]	4.3 [1]
Score pictogram		
Regression line	8.5 + 0.945.x	8.5 + 0.945.x

Consensus group	Jaffe
Method	Alk. Picrate, kinetic
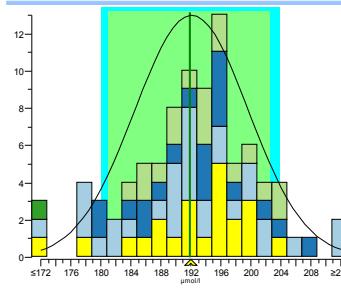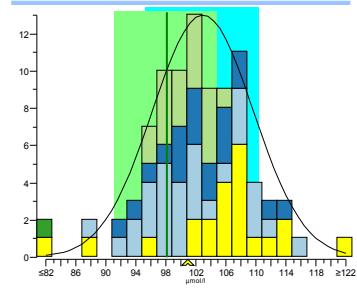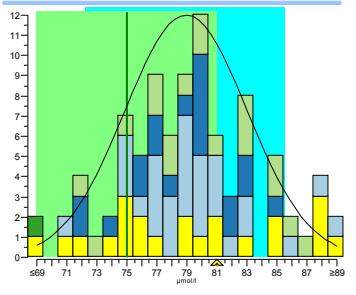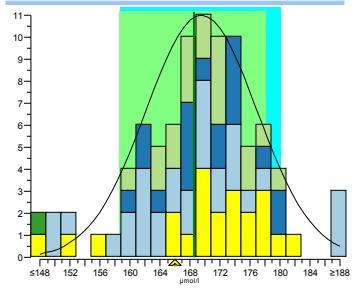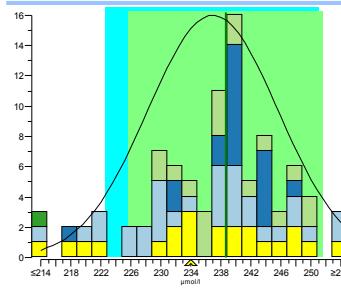
2013.1 A

	cons.	meth.	ref.	lab
mean	192.1	193.0	191.9	192
SD	7.6	6.2		
n	71	22		
no	2	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	102.9	105.3	98.11	101
SD	6.7	5.8		
n	71	22		
no	2	2		

2013.1 C

	cons.	meth.	exp.	lab
mean	78.9	79.4	75	81
SD	4.1	6.1		
n	71	22		
no	1	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	169.5	170.9	168.5	166
SD	7.4	7.1		
n	70	22		
no	1	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	236.9	235.2	238.7	234
SD	8.7	10.2		
n	72	22		
no	3	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	124.9	127.3	122.3	122
SD	7.6	8.7		
n	72	22		
no	0	0		

Legend

Alk. Picrate, kinetic	Alk. Picrate, kinetic with compensation	Alk. Picrate, endpoint	Enzymatic, automatic	Other methods

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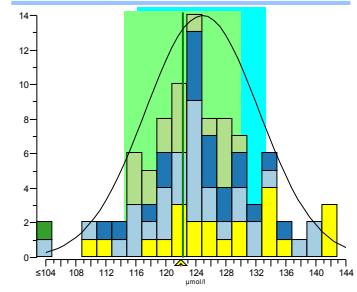
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eGFR (F, 55, white)

units: ml/min/1,73m^2
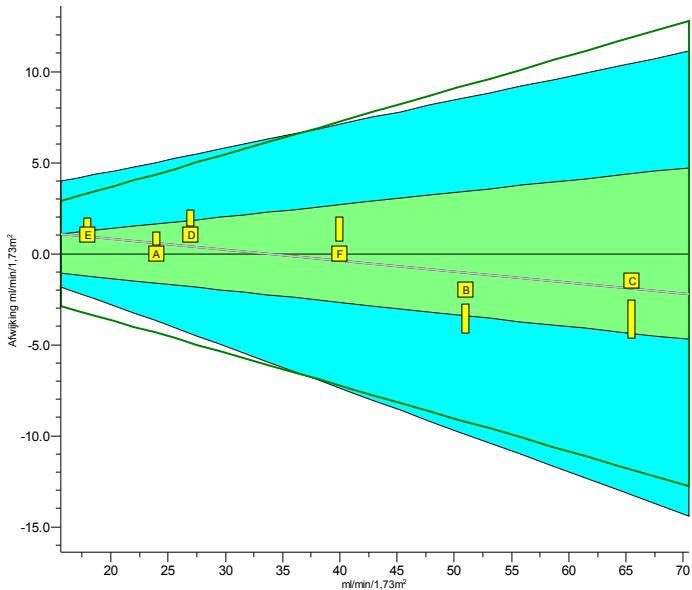
|	2013.1	cumulative
Trueness	-0.67%	-0.67%
Precision	1.3%	1.3%
Number	6	6
Outliers	0	0
Sigma-TE	3.9	3.9
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	2.0 + 0.940.x	2.0 + 0.940.x

Consensus group	Jaffe
Method	Alk. Picrate, kinetic

2013.1 A

	cons.	meth.	ref.	lab
mean	24.1	24.0	24	24
SD	1.3	0.9		
n	30	13		
no	3	2		

2013.1 B

	cons.	meth.	ref.	lab
mean	50.3	48.8	51	49
SD	3.4	2.6		
n	30	13		
no	3	2		

2013.1 C

	cons.	meth.	exp.	lab
mean	63.9	64.2	65,5	64
SD	4.6	4.4		
n	30	13		
no	4	2		

2013.1 D

|	cons.	meth.	ref.	lab
mean	27.9	27.9	27	28
SD	2.1	2.0		
n	31	13		
no	3	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	19.0	19.4	18	19
SD	1.2	1.2		
n	31	13		
no	2	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	40.3	39.8	40	40
SD	2.3	2.5		
n	31	13		
no	4	2		
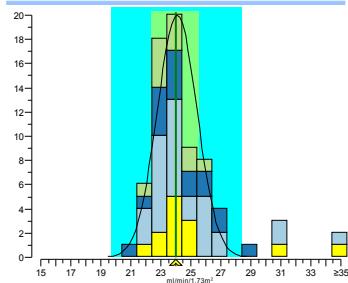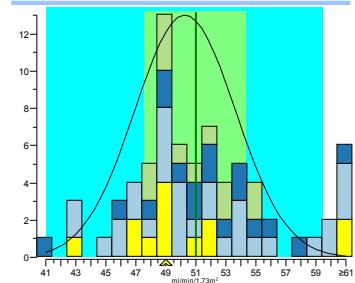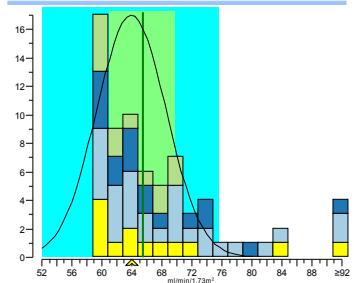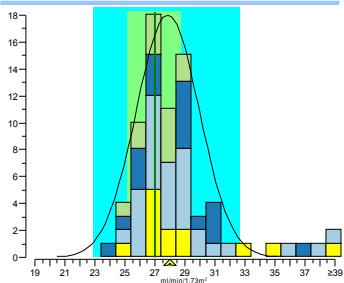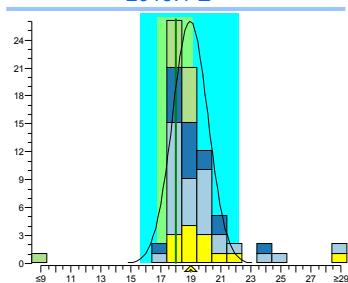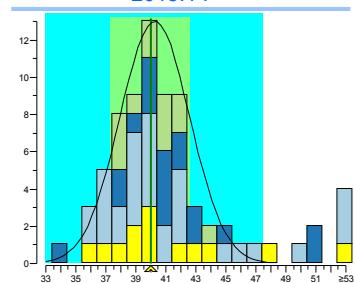
Legend

Alk. Picrate, kinetic	Other methods	Alk. Picrate, kinetic with compensation	Enzymatic, automatic

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Gamma-GT		units: U/l
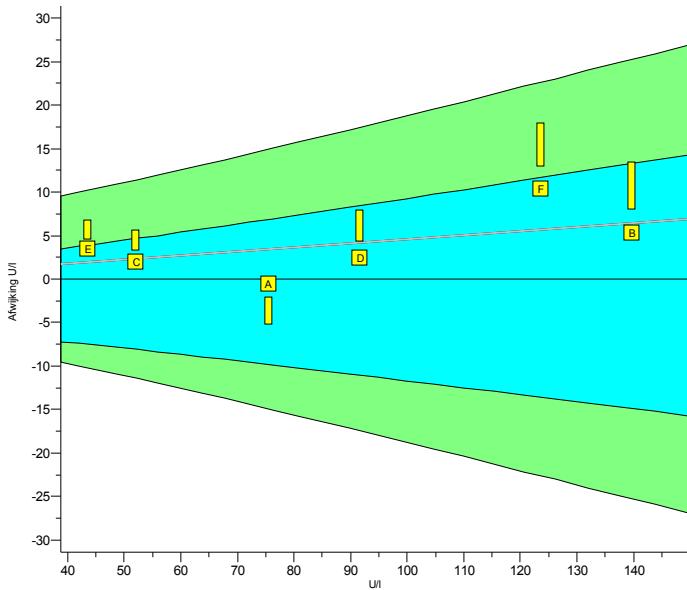
	2013.1	cumulative
Trueness	+4.4%	+4.4%
Precision	3.2%	3.2%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 [2]	6.0 [2]
Sigma-SA	4.7	4.7
Score pictogram		
Regression line	0.0 + 1.046.x	0.0 + 1.046.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	74.2	74.2	75.6	75
SD	6.8	6.8		
n	72	72		
no	1	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	138.2	138.2	139.7	145
SD	13.3	13.3		
n	72	72		
no	1	1		

2013.1 C

	cons.	meth.	exp.	lab
mean	50.2	50.2	52	54
SD	4.6	4.6		
n	72	72		
no	2	2		

2013.1 D

	cons.	meth.	ref.	lab
mean	90.3	90.3	91.6	94
SD	7.9	7.9		
n	71	71		
no	1	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	41.7	41.7	43.6	47
SD	3.6	3.6		
n	73	73		
no	6	6		

2013.1 F

	cons.	meth.	ref.	lab
mean	123.4	123.4	123.6	134
SD	10.7	10.7		
n	73	73		
no	1	1		

Legend

IFCC traceable   IFCC non-traceable

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	Glucose		units: **mmol/l**
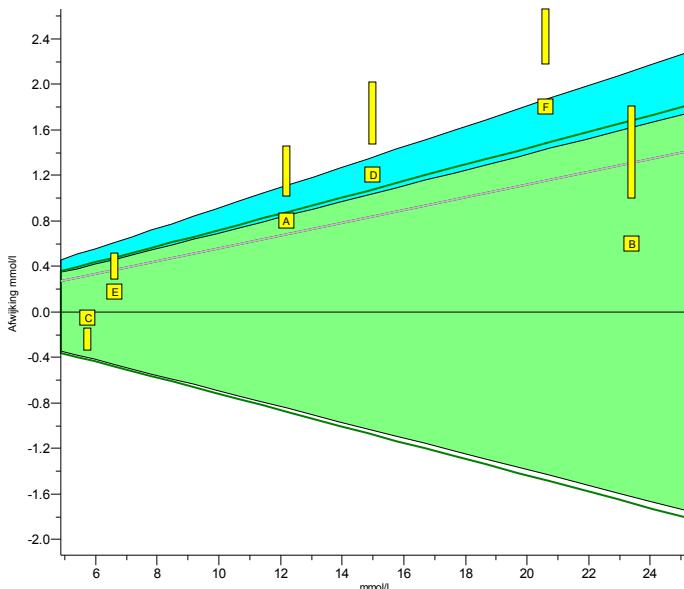
	2013.1	cumulative
Trueness	+5.4%	+5.4%
Precision	3.4%	3.4%
Number	6	6
Outliers	0	0
Sigma-TE	2.3	2.3
Sigma-SA	2.5 [1]	2.5 [1]
Score pictogram		
Regression line	0.00 + 1.056.x	0.00 + 1.056.x

| Consensus group	Natte chemie
Method	Hexokinase, automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	12.44	12.44	12.2	13
SD	0.30	0.31		
n	88	77		
no	3	2		

2013.1 B

	cons.	meth.	ref.	lab
mean	23.8	23.8	23.4	24
SD	0.7	0.7		
n	88	77		
no	3	2		

2013.1 C

	cons.	meth.	exp.	lab
mean	5.86	5.87	5,75	5.7
SD	0.16	0.16		
n	88	77		
no	1	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	15.30	15.31	15.0	16.2
SD	0.39	0.41		
n	88	77		
no	2	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	6.74	6.75	6.63	6.8
SD	0.14	0.14		
n	89	78		
no	2	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	21.01	21.03	20.6	22.4
SD	0.60	0.63		
n	89	78		
no	1	0		
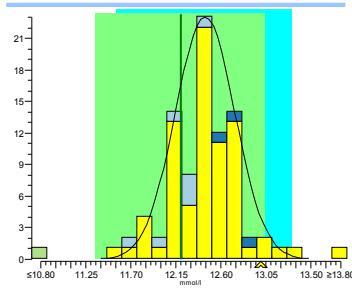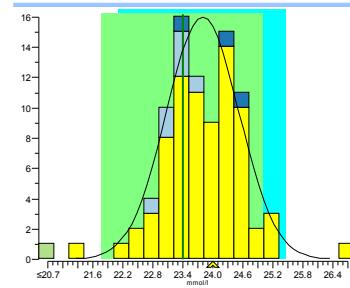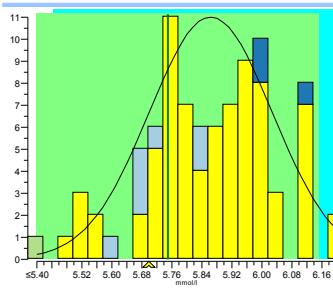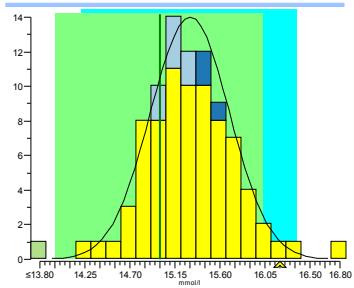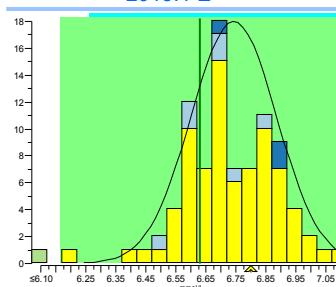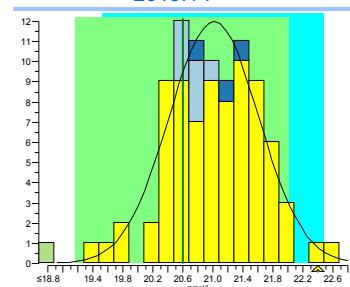
Legend

Hexokinase, automatic	Glucose-oxydase, amperometric, H2O2
Glucose-oxydase/POD,automatic	Other methods

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	LD		units:	U/l
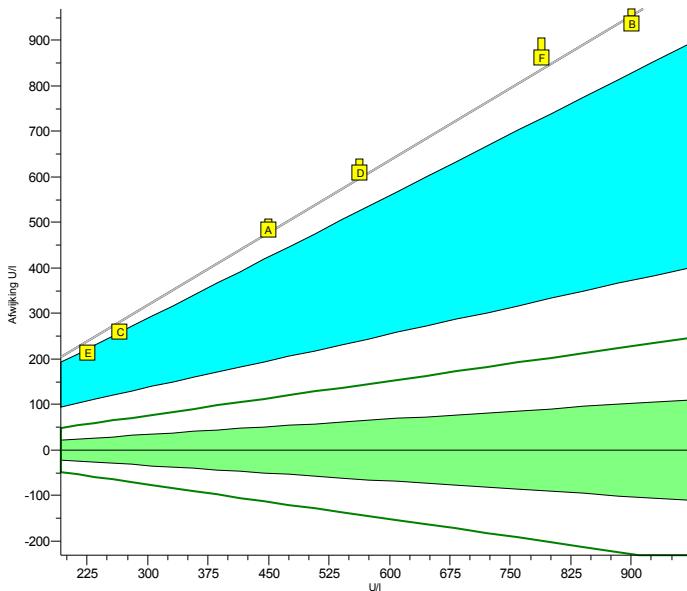
	2013.1	cumulative
Trueness	+105%	+105%
Precision	0.88%	0.88%
Number	6	6
Outliers	0	0
Sigma-TE	-3.0	-3.0
Sigma-SA	-3.0 0	-3.0 0
Score pictogram		
Regression line	0 + 2.060.x	0 + 2.060.x

Consensus group	niet IFCC traceerbaar
Method	IFCC non-traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	763	763	450.7	934
SD	251	251		
n	38	38		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	1486	1486	900.8	1837
SD	496	496		
n	38	38		
no	0	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	450	450	265	523
SD	163	163		
n	38	38		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	961	961	563.0	1171
SD	291	291		
n	37	37		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	387	387	226.1	439
SD	127	127		
n	39	39		
no	0	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	1326	1326	788.9	1650
SD	428	428		
n	39	39		
no	0	0		

Legend

IFCC non-traceable   IFCC traceable

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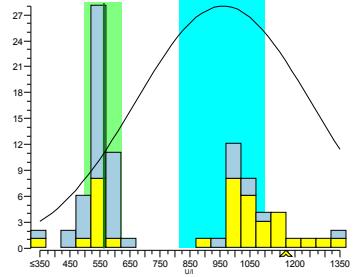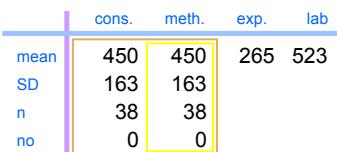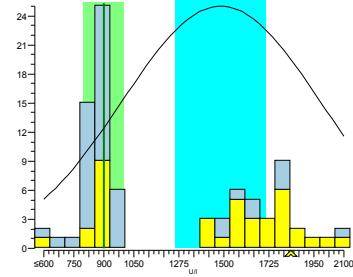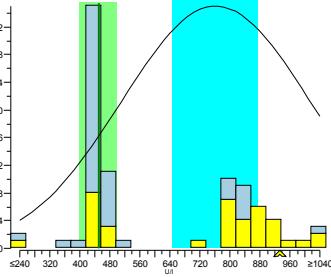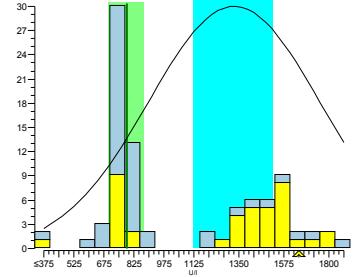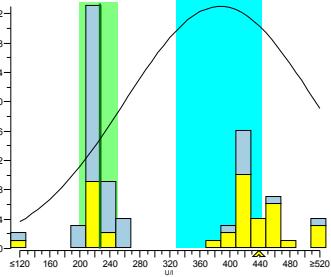
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Magnesium	units: mmol/l
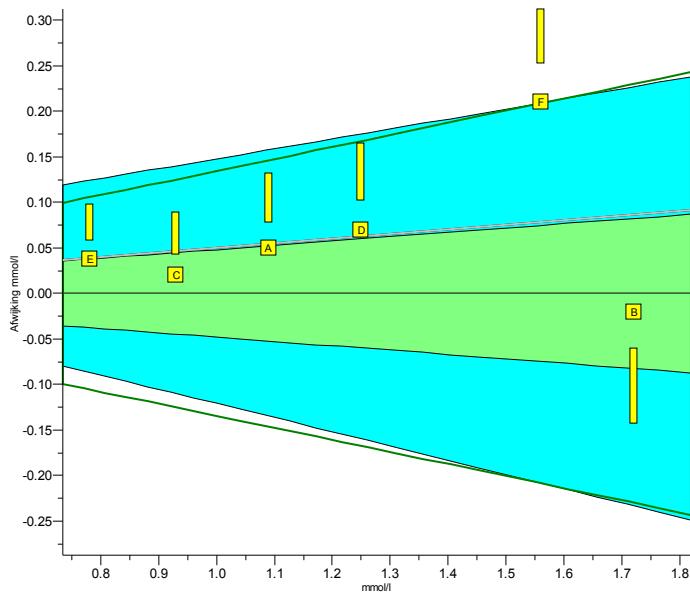
	2013.1	cumulative
Trueness	+5.0%	+5.0%
Precision	6.1%	6.1%
Number	6	6
Outliers	0	0
Sigma-TE	0.6	0.6
Sigma-SA	4.9 [2]	4.9 [2]
Score pictogram		
Regression line	0.00 + 1.050.x	0.00 + 1.050.x

Consensus group	Overall
Method	Colorimetric

2013.1 A
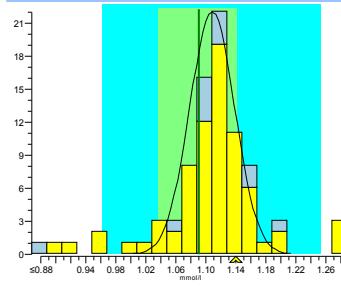
	cons.	meth.	ref.	lab
mean	1.11	1.11	1.09	1.14
SD	0.03	0.03		
n	85	73		
no	11	10		

2013.1 B
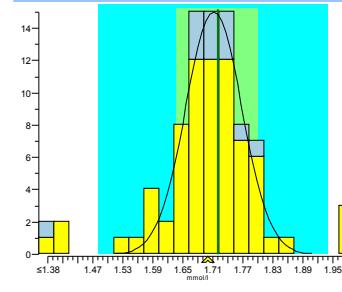
	cons.	meth.	ref.	lab
mean	1.71	1.71	1.72	1.7
SD	0.06	0.06		
n	85	73		
no	8	7		

2013.1 C
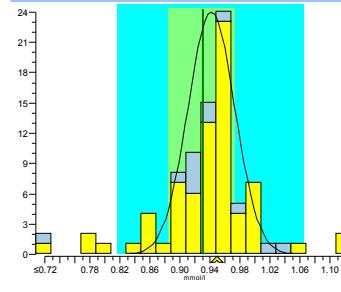
	cons.	meth.	exp.	lab
mean	0.94	0.94	0,93	0.95
SD	0.03	0.03		
n	85	73		
no	9	8		

2013.1 D
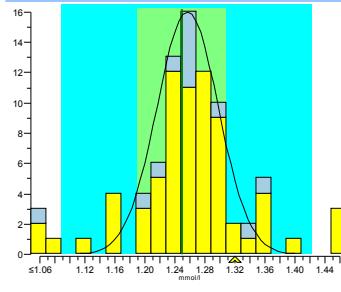
	cons.	meth.	ref.	lab
mean	1.26	1.26	1.25	1.32
SD	0.04	0.05		
n	83	71		
no	9	8		

2013.1 E
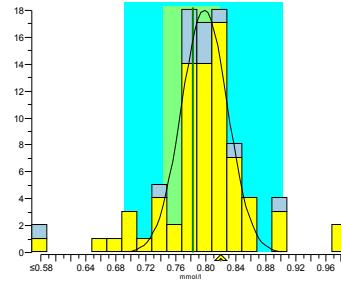
	cons.	meth.	ref.	lab
mean	0.798	0.799	0.782	0.82
SD	0.031	0.031		
n	86	74		
no	13	11		

2013.1 F
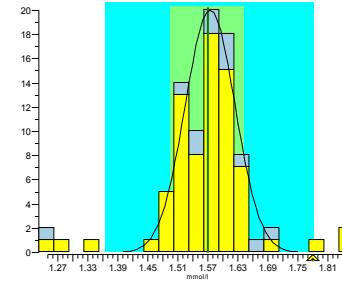
	cons.	meth.	ref.	lab
mean	1.56	1.56	1.56	1.77
SD	0.05	0.05		
n	86	74		
no	7	6		

Legend

Colorimetric	Other methods

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| Potassium	units: mmol/l
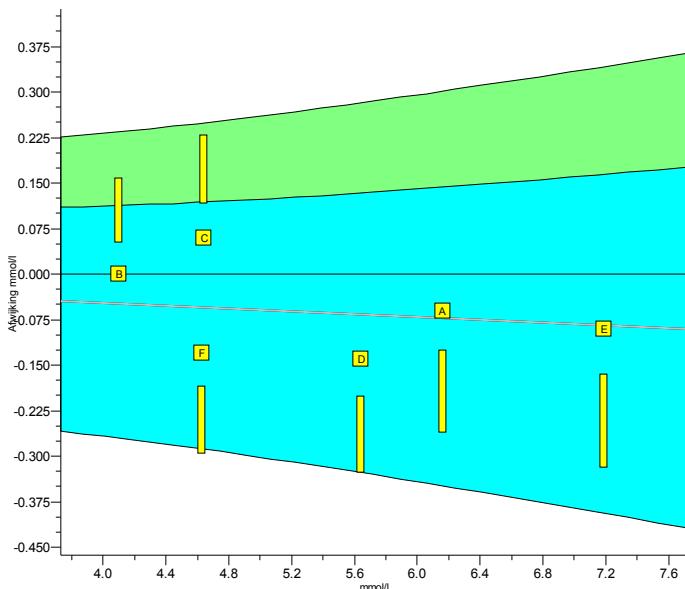
	2013.1	cumulative
Trueness	-1.1%	-1.1%
Precision	1.4%	1.4%
Number	6	6
Outliers	0	0
Sigma-TE	4.7 [2]	4.7 [2]
Sigma-SA	3.7	3.7
Score pictogram		
Regression line	0.00 + 0.988.x	0.00 + 0.988.x

Consensus group	ISE verdund/Vlamfotometrie
Method	ISE indirect (with predilution)
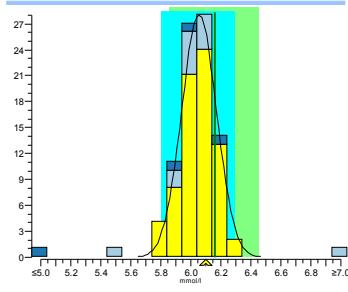
2013.1 A

	cons.	meth.	ref.	lab
mean	6.05	6.05	6.16	6.1
SD	0.12	0.12		
n	72	72		
no	0	0		

2013.1 B
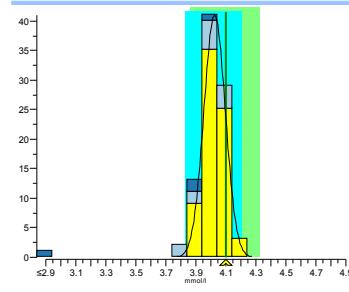
	cons.	meth.	ref.	lab
mean	4.02	4.02	4.10	4.1
SD	0.07	0.07		
n	72	72		
no	0	0		

2013.1 C
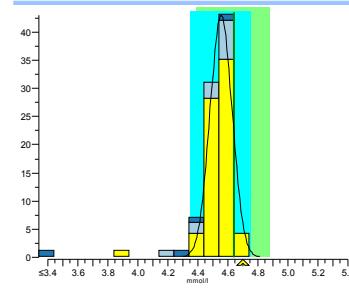
	cons.	meth.	exp.	lab
mean	4.55	4.55	4,64	4.7
SD	0.07	0.07		
n	72	72		
no	1	1		

2013.1 D
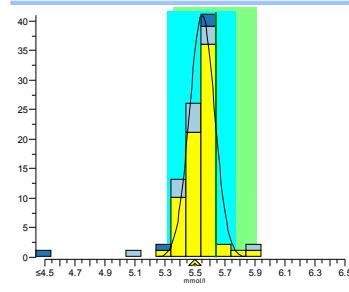
	cons.	meth.	ref.	lab
mean	5.55	5.55	5.64	5.5
SD	0.08	0.08		
n	72	72		
no	2	2		

2013.1 E
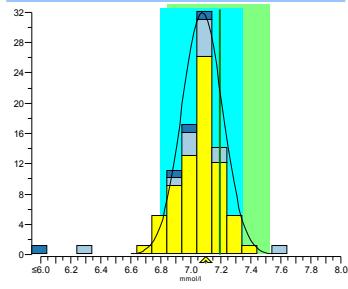
	cons.	meth.	ref.	lab
mean	7.08	7.08	7.19	7.1
SD	0.14	0.14		
n	72	72		
no	0	0		

2013.1 F
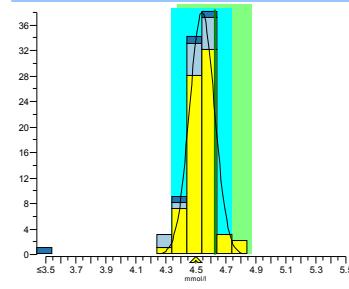
	cons.	meth.	ref.	lab
mean	4.54	4.54	4.63	4.5
SD	0.08	0.08		
n	73	73		
no	2	2		

Legend

	ISE indirect (with predilution)		ISE direct (no predilution)		Other methods

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Sodium		units:	mmol/l
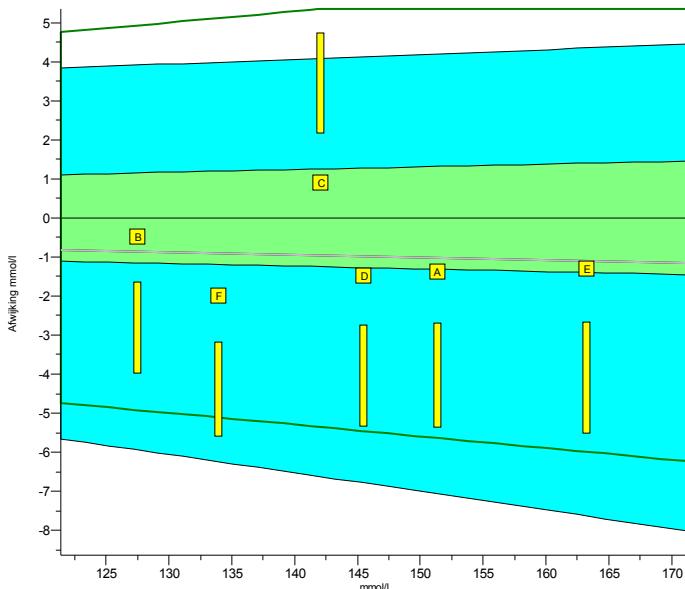
	2013.1	cumulative
Trueness	-0.67%	-0.67%
Precision	0.73%	0.73%
Number	6	6
Outliers	0	0
Sigma-TE	0.8	0.8
Sigma-SA	4.8 2	4.8 2
Score pictogram		
Regression line	0.0 + 0.993.x	0.0 + 0.993.x

| Consensus group	ISE verdund/Vlamfotometrie
Method	ISE indirect (with predilution)

2013.1 A

	cons.	meth.	ref.	lab
mean	149.8	149.8	151.4	150
SD	1.8	1.8		
n	72	72		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	126.6	126.6	127.5	127
SD	1.6	1.6		
n	72	72		
no	0	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	140.7	140.7	142,1	143
SD	1.5	1.5		
n	72	72		
no	1	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	144.3	144.3	145.5	144
SD	1.5	1.5		
n	72	72		
no	1	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	161.8	161.8	163.3	162
SD	2.2	2.2		
n	72	72		
no	0	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	132.8	132.8	134.0	132
SD	1.5	1.5		
n	73	73		
no	2	2		

Legend

ISE indirect (with predilution)	ISE direct (no predilution)	Other methods

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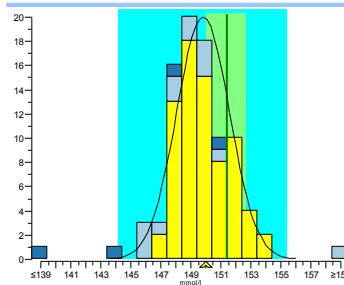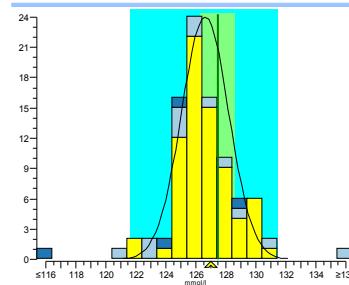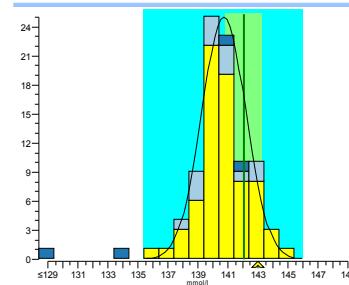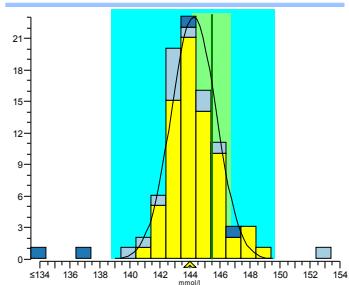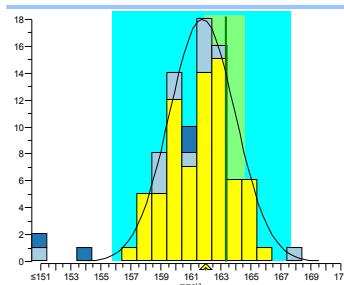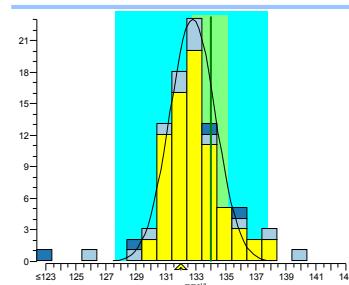
| Total Protein	units: g/l
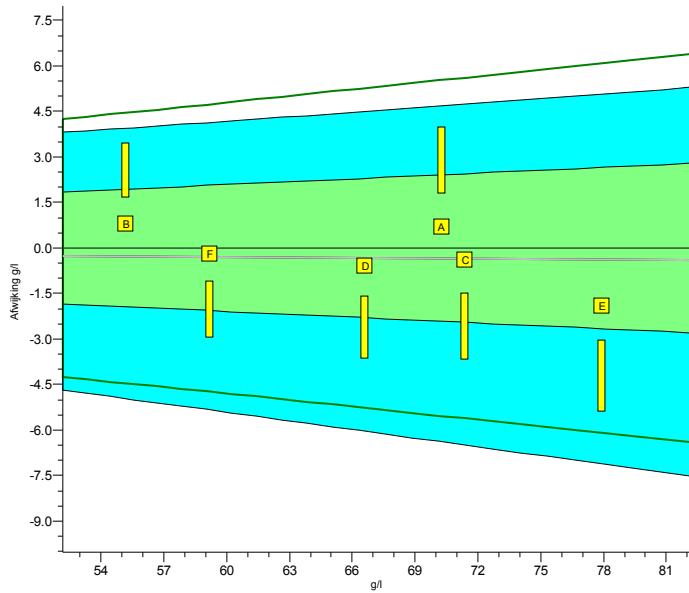
|	2013.1	cumulative
Trueness	-0.40%	-0.40%
Precision	1.3%	1.3%
Number	6	6
Outliers	0	0
Sigma-TE	2.7	2.7
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	0.0 + 0.995.x	0.0 + 0.995.x

| Consensus group	Biureet
Method	Biurete, automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	69.6	69.6	70.3	71
SD	1.7	1.7		
n	88	88		
no	2	2		

2013.1 B


	cons.	meth.	ref.	lab
mean	54.8	54.8	55.2	56
SD	1.6	1.6		
n	88	88		
no	1	1		

2013.1 C


|	cons.	meth.	exp.	lab
mean	70.5	70.5	71,4	71
SD	2.2	2.2		
n	87	87		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	65.9	65.9	66.6	66
SD	1.5	1.5		
n	88	88		
no	4	4		

2013.1 E

	cons.	meth.	ref.	lab
mean	76.8	76.8	77.9	76
SD	2.1	2.1		
n	88	88		
no	0	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	58.4	58.4	59.2	59
SD	1.7	1.7		
n	89	89		
no	1	1		
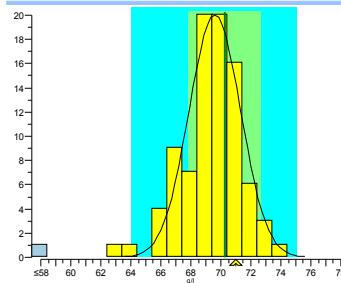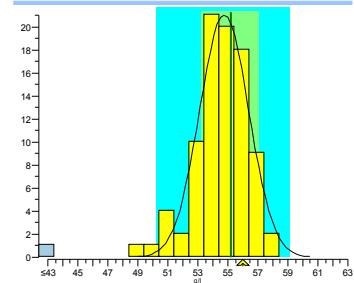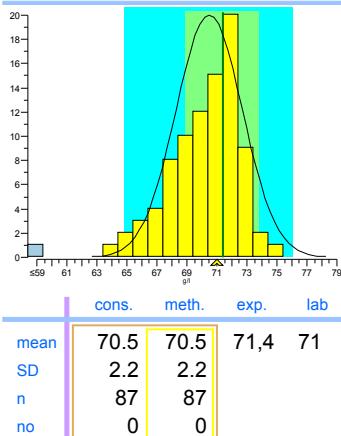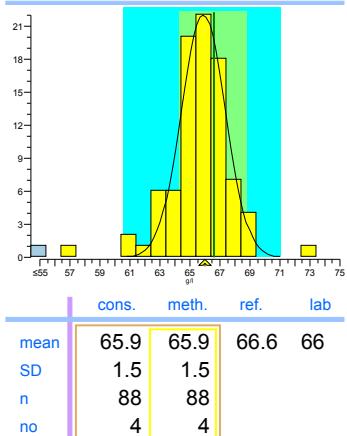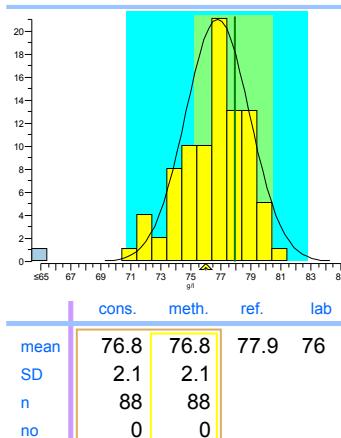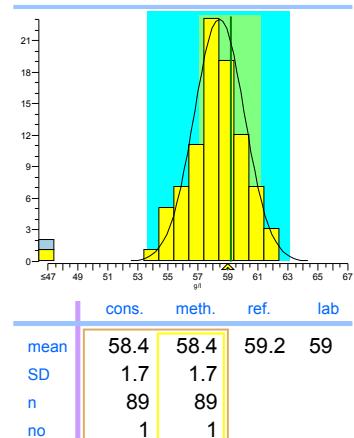
Legend

☐ Biurete, automatic   ☐ Other methods

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Urate		units: µmol/l
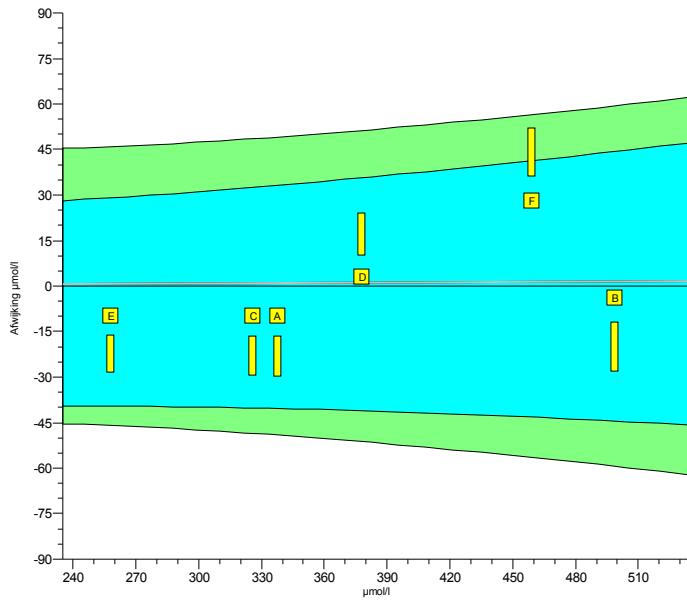
	2013.1	cumulative
Trueness	-0.13%	-0.13%
Precision	3.5%	3.5%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	5.7	5.7
Score pictogram		
Regression line	0 + 1.003.x	0 + 1.003.x

| Consensus group	Colorimetrisch
Method	Uricase, colorim., automatic

2013.1 A
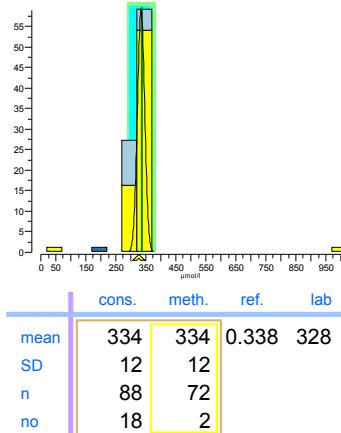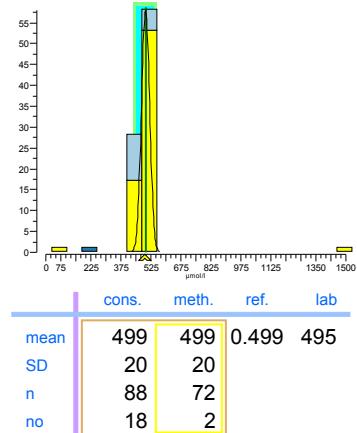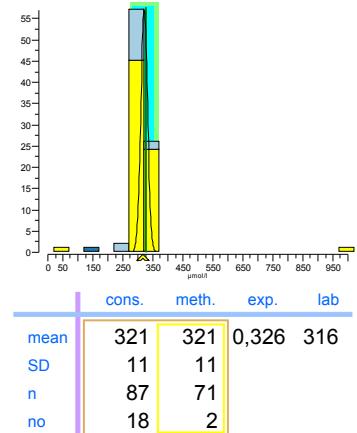
	cons.	meth.	ref.	lab
mean	334	334	0.338	328
SD	12	12		
n	88	72		
no	18	2		

2013.1 B

	cons.	meth.	ref.	lab
mean	499	499	0.499	495
SD	20	20		
n	88	72		
no	18	2		

2013.1 C

	cons.	meth.	exp.	lab
mean	321	321	0,326	316
SD	11	11		
n	87	71		
no	18	2		

2013.1 D

	cons.	meth.	ref.	lab
mean	376	376	0.378	381
SD	14	14		
n	88	73		
no	17	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	253	253	0.258	248
SD	11	11		
n	89	73		
no	18	2		

2013.1 F

	cons.	meth.	ref.	lab
mean	459	459	0.459	487
SD	17	17		
n	88	72		
no	17	1		
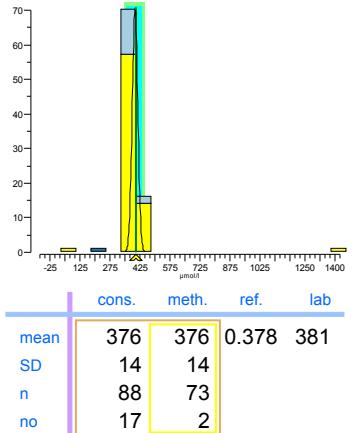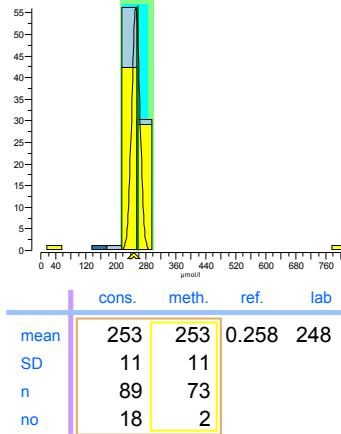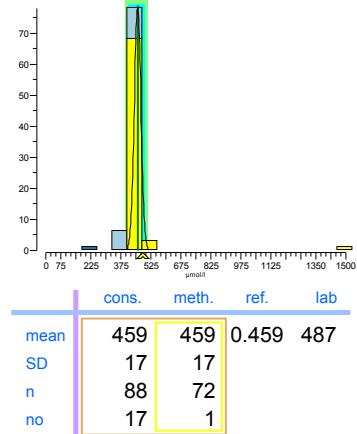
Legend

- Uricase, colorim., automatic
- Uricase, differential UV, automatic
- Overige methoden

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Cholesterol	units: mmol/l
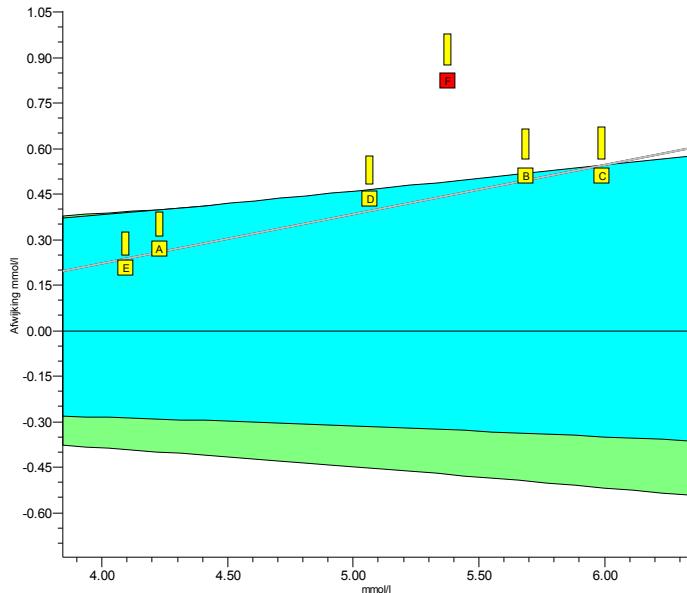
	2013.1	cumulative
Trueness	+7.7%	+7.7%
Precision	0.73%	0.73%
Number	6	6
Outliers	1	1
Sigma-TE	1.9 0	1.9 0
Sigma-SA	0.5	0.5
Score pictogram		
Regression line	-0.42 + 1.162.x	-0.42 + 1.162.x

Consensus group	Enzymatisch
Method	Enzymatic, automatic, discrete
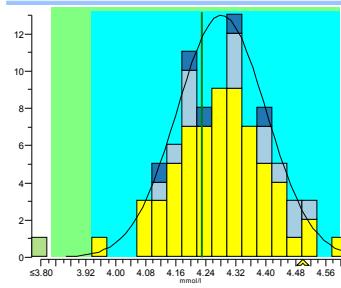
2013.1 A

	cons.	meth.	ref.	lab
mean	4.28	4.28	4.230	4.5
SD	0.12	0.12		
n	83	64		
no	0	0		

2013.1 B
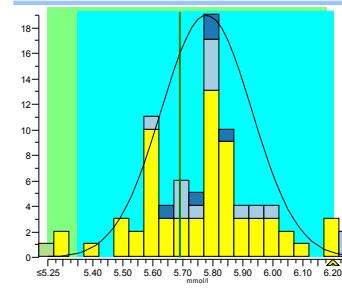
	cons.	meth.	ref.	lab
mean	5.78	5.78	5.689	6.2
SD	0.15	0.18		
n	83	64		
no	4	2		

2013.1 C
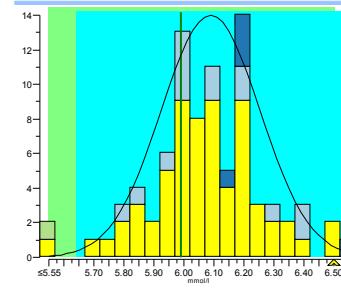
	cons.	meth.	exp.	lab
mean	6.09	6.08	5,99	6.5
SD	0.16	0.17		
n	83	64		
no	1	1		

2013.1 D
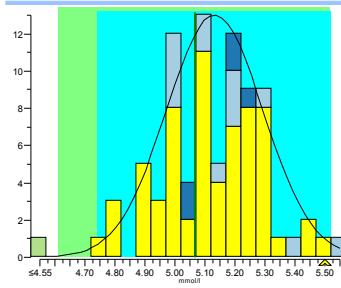
	cons.	meth.	ref.	lab
mean	5.13	5.12	5.066	5.5
SD	0.16	0.17		
n	82	64		
no	0	0		

2013.1 E
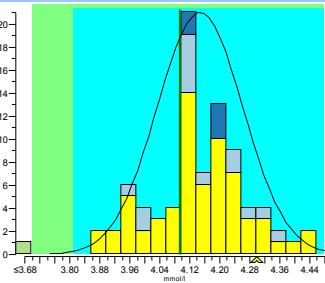
	cons.	meth.	ref.	lab
mean	4.15	4.14	4.094	4.3
SD	0.11	0.13		
n	84	65		
no	0	0		

2013.1 F
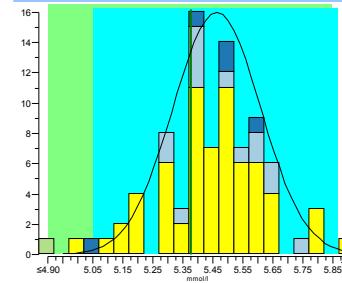
|	cons.	meth.	ref.	lab
mean	5.46	5.45	5.377	6.2
SD	0.15	0.16		
n	84	65		
no	2	2		

Legend

Enzymatic, automatic, discrete	Enzymatic, automatic, kinetic
Abell-Kendall reference values	Overige methoden

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HDL-Cholesterol   units: mmol/l
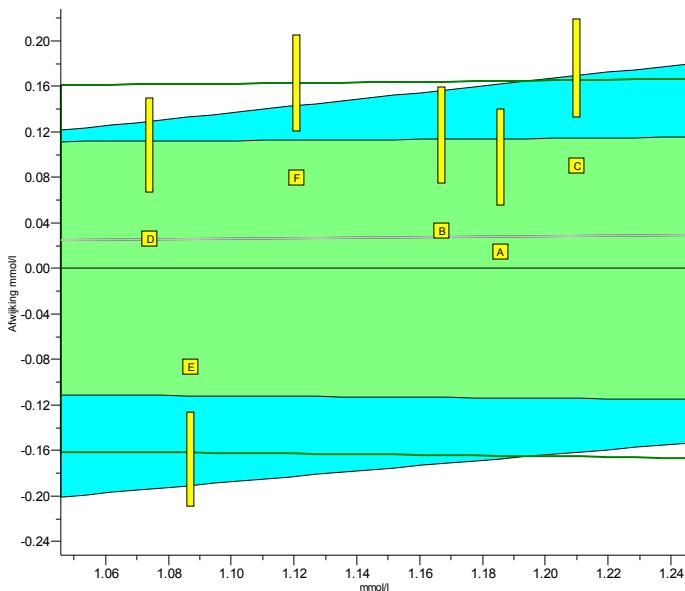
|	2013.1	cumulative
Trueness	+2.3%	+2.3%
Precision	4.5%	4.5%
Number	6	6
Outliers	0	0
Sigma-TE	2.5	2.5
Sigma-SA	4.0 1	4.0 1
Score pictogram		
Regression line	0.00 + 1.024.x	0.00 + 1.024.x

Consensus group	Overall
Method	Immunoinhibition

2013.1 A
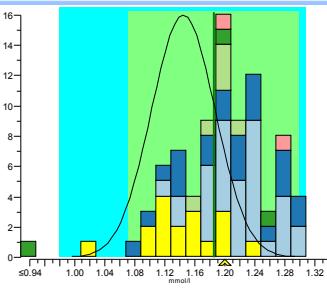
|	cons.	meth.	ref.	lab
mean	1.14	1.14	1.186	1.2
SD	0.04	0.04		
n	17	17		
no	1	1		

2013.1 B
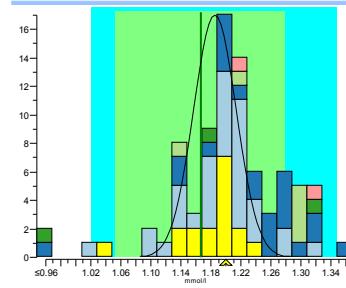

	cons.	meth.	ref.	lab
mean	1.19	1.19	1.167	1.2
SD	0.03	0.03		
n	17	17		
no	1	1		

2013.1 C
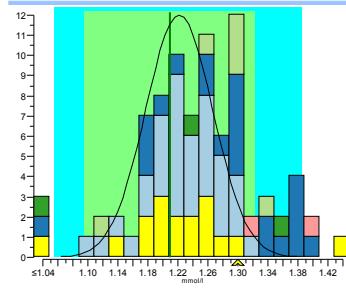

	cons.	meth.	exp.	lab
mean	1.22	1.22	1,21	1.3
SD	0.04	0.04		
n	17	17		
no	2	2		

2013.1 D
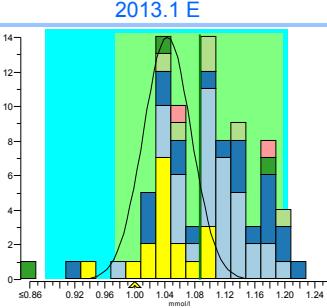
	cons.	meth.	ref.	lab
mean	1.07	1.07	1.074	1.1
SD	0.03	0.03		
n	17	17		
no	1	1		

2013.1 E
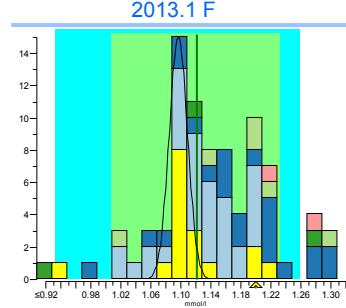
	cons.	meth.	ref.	lab
mean	1.04	1.04	1.087	1
SD	0.03	0.03		
n	17	17		
no	1	1		

2013.1 F
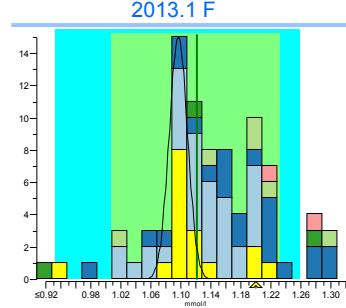
	cons.	meth.	ref.	lab
mean	1.10	1.10	1.121	1.2
SD	0.01	0.01		
n	17	17		
no	5	5		

Legend

- Immunoinhibition
- PEG modified enzyme, PEGME (Kyowa Medex)
- Accelerator Selective Detergent (="Ultra HDL")
- Catalase method (Denka Seiken)
- Overige methoden
- Precipitation Technique