3714 dr. M. Bosomworth
Leeds general Infirmary
Leeds

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	29	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	91.7	98.2	86.9	10.1	1.9	2.7		2		2
Alk. Phosphatase	U/l	433	188	183	12	4	4		0		0
Amylase	U/l	191	207	201	8	1	2		2		2
ASAT	U/l	73.7	78.6	71.5	6.8	1.1	1.6		2		2
Calcium	mmol/l	2.42	2.46	2.47	0.07	0.02	0.02		2		2
Chloride	mmol/l	103.5	100.0	100.8	1.8	1.6	0.9		0		0
CK	U/l	247	244	253	18	2	3		2		2
Creatinine	µmol/l	145.3	149.1	150.7	5.6	0.8	2.1		2		2
eGFR (F, 55, white)	ml/min/1,73m^2	39.3	37.6	37.4	2.6	0.8	0.6		2		2
Gamma-GT	U/l	90.7	87.7	86.3	8.6	1.3	1.2		2		2
Glucose	mmol/l	14.47	13.93	14.19	0.44	0.18	0.18		1		1
LD	U/l	1069	532	895	321	18	16		0		0
Magnesium	mmol/l	1.22	1.22	1.23	0.04	0.01	0.02		2		2
Potassium	mmol/l	5.50	5.39	5.30	0.10	0.08	0.04		1		1
Sodium	mmol/l	144.5	144.0	142.7	1.7	1.1	0.9		2		2
Total Protein	g/l	65.8	66.8	66.0	1.8	0.7	0.7		2		2
Urate	µmol/l	374	376	374	15	2	4		2		2
Cholesterol	mmol/l	5.00	5.07	5.15	0.14	0.09	0.05		2		2
HDL-Cholesterol	mmol/l	1.25	1.14	1.17	0.06	0.06	0.03		1		1

Total :   29   29

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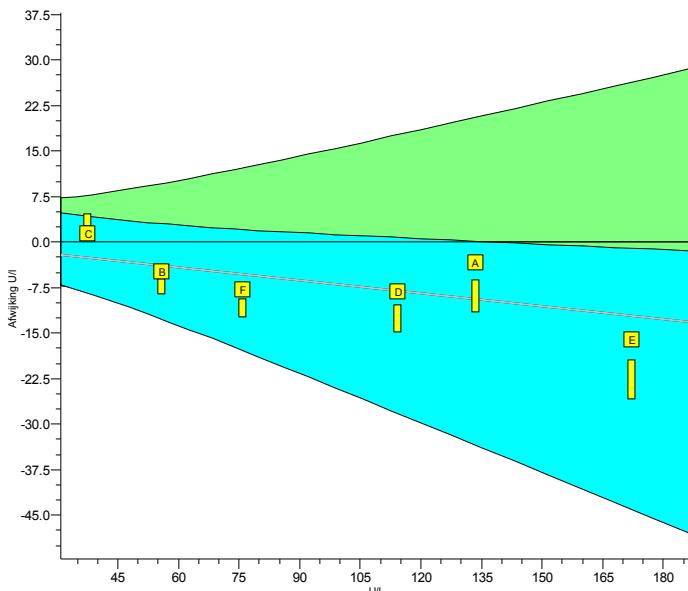
ALAT

units: U/l

	2013.1	cumulative
Trueness	-6.7%	-6.7%
Precision	2.2%	2.2%
Number	6	6
Outliers	0	0
Sigma-TE	5.9 [2]	5.9 [2]
Sigma-SA	4.3	4.3
Score pictogram		
Regression line	0.0 + 0.929.x	0.0 + 0.929.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	122.7	122.7	133.5	130
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	51
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	39
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	156
SD	18	18		
n	77	77		
no	1	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	66.1	66.1	75.9	68
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
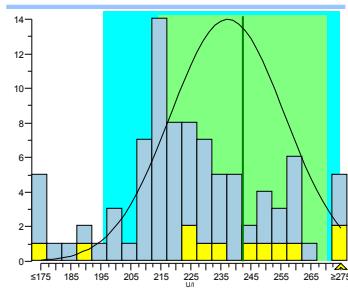
	2013.1	cumulative
Trueness	+131%	+131%
Precision	2.4%	2.4%
Number	6	6
Outliers	0	0
Sigma-TE	-3.0	-3.0
Sigma-SA	-3.0 [0]	-3.0 [0]
Score pictogram		
Regression line	-13 + 2.373.x	-13 + 2.373.x

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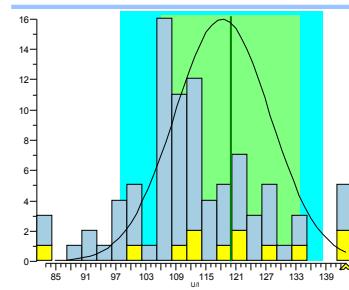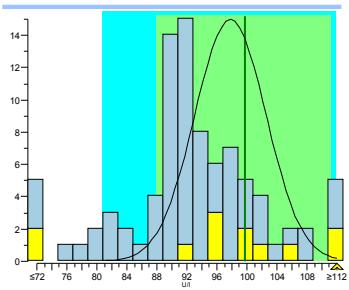
2013.1 A

	cons.	meth.	ref.	lab
mean	237	237	242.5	568
SD	19	19		
n	12	12		
no	3	3		

2013.1 B
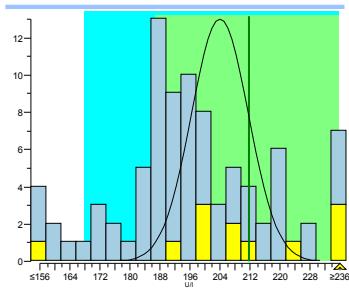
	cons.	meth.	ref.	lab
mean	117	117	119.1	269
SD	10	10		
n	12	12		
no	3	3		

2013.1 C
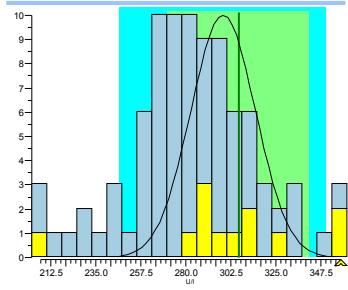
	cons.	meth.	exp.	lab
mean	98	98	99,7	228
SD	5	5		
n	12	12		
no	4	4		

2013.1 D
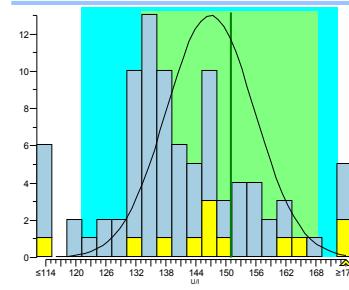
	cons.	meth.	ref.	lab
mean	204	204	211.7	489
SD	8	8		
n	12	12		
no	4	4		

2013.1 E

	cons.	meth.	ref.	lab
mean	296	296	304.0	707
SD	16	16		
n	12	12		
no	3	3		

2013.1 F

	cons.	meth.	ref.	lab
mean	147	147	150.9	339
SD	9	9		
n	12	12		
no	3	3		

Legend

☐ IFCC non-traceable   ☐ IFCC traceable

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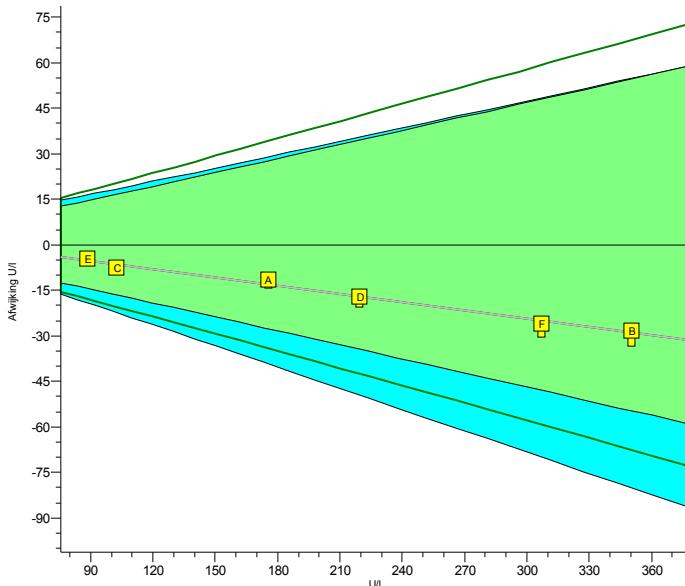
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Amylase
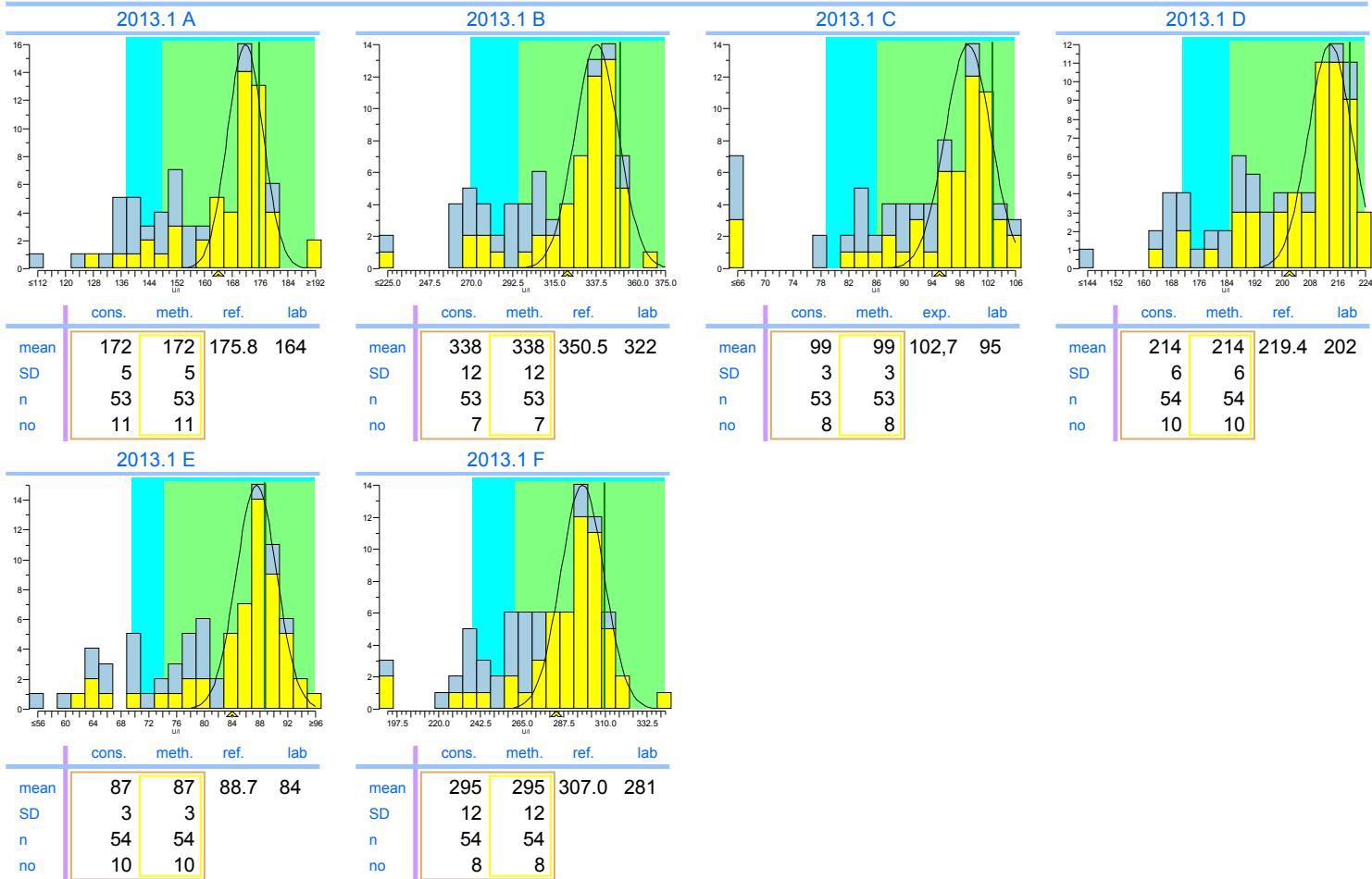
units: U/l

	2013.1	cumulative
Trueness	-7.7%	-7.7%
Precision	0.43%	0.43%
Number	6	6
Outliers	0	0
Sigma-TE	6.0	6.0
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	3 + 0.909.x	3 + 0.909.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	172	172	175.8	164
SD	5	5		
n	53	53		
no	11	11		

2013.1 B

	cons.	meth.	ref.	lab
mean	338	338	350.5	322
SD	12	12		
n	53	53		
no	7	7		

2013.1 C

	cons.	meth.	exp.	lab
mean	99	99	102,7	95
SD	3	3		
n	53	53		
no	8	8		

2013.1 D

	cons.	meth.	ref.	lab
mean	214	214	219.4	202
SD	6	6		
n	54	54		
no	10	10		

2013.1 E

	cons.	meth.	ref.	lab
mean	87	87	88.7	84
SD	3	3		
n	54	54		
no	10	10		

2013.1 F

	cons.	meth.	ref.	lab
mean	295	295	307.0	281
SD	12	12		
n	54	54		
no	8	8		

Legend

■ IFCC traceable   ■ IFCC non-traceable

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	ASAT	units: U/l

	2013.1	cumulative
Trueness	-6.2%	-6.2%
Precision	1.6%	1.6%
Number	6	6
Outliers	0	0
Sigma-TE	5.2	5.2
Sigma-SA	5.6 2	5.6 2
Score pictogram		
Regression line	0.0 + 0.938.x	0.0 + 0.938.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	96.3	96.3	103.3	100
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	44
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	84
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	121
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	57
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	-1.6%	-1.6%
Precision	0.76%	0.76%
Number	6	6
Outliers	0	0
Sigma-TE	1.8	1.8
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	0.00 + 0.984.x	0.00 + 0.984.x

Consensus group	Colorimetrisch
Method	Colorimetric, automatic, discrete

2013.1 A

	cons.	meth.	ref.	lab
mean	2.30	2.30	2.29	2.26
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	2.83
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	2.41
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	2.41
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	1.96
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	2.65
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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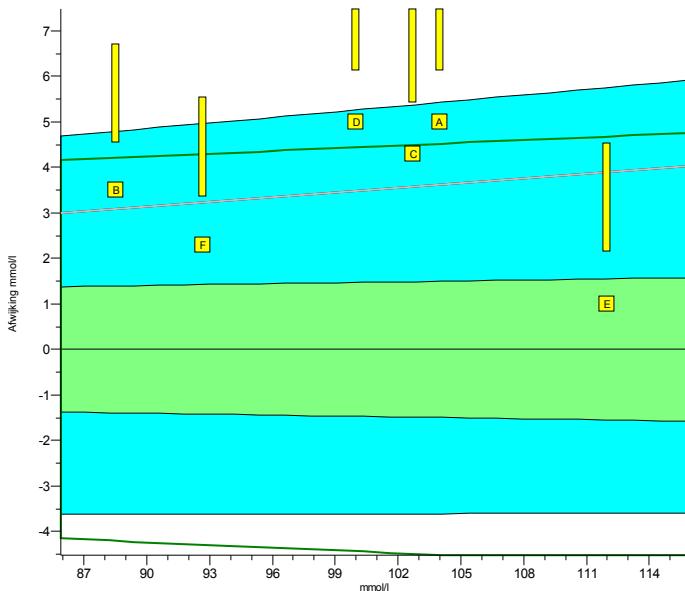
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Chloride	units: mmol/l
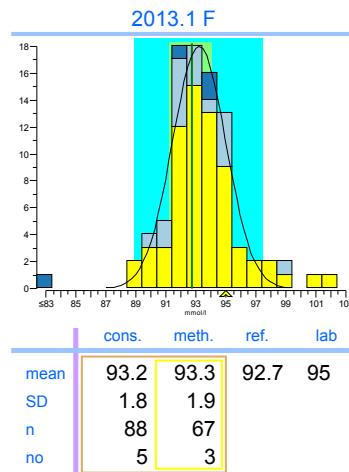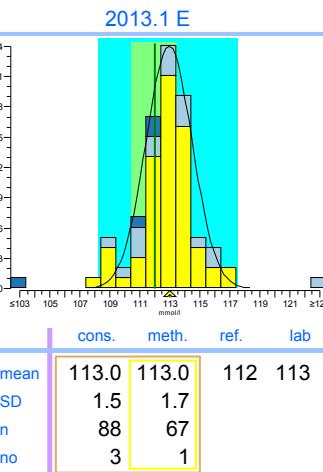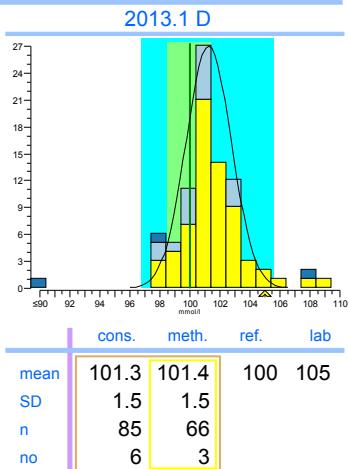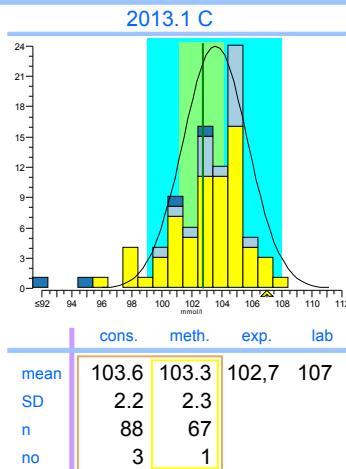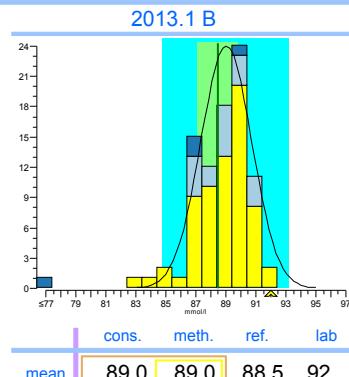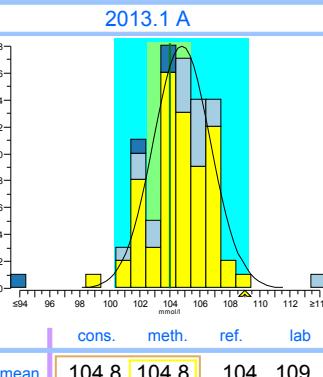
	2013.1	cumulative
Trueness	+3.5%	+3.5%
Precision	1.6%	1.6%
Number	6	6
Outliers	0	0
Sigma-TE	-1.5	-1.5
Sigma-SA	1.8 0	1.8 0
Score pictogram		
Regression line	0.0 + 1.035.x	0.0 + 1.035.x

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

2013.1 A

	cons.	meth.	ref.	lab
mean	104.8	104.8	104	109
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	92
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	107
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	113
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	95
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	+1.2%	+1.2%
Precision	0.81%	0.81%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	6.0	6.0
Score pictogram		
Regression line	0 + 1.009.x	0 + 1.009.x
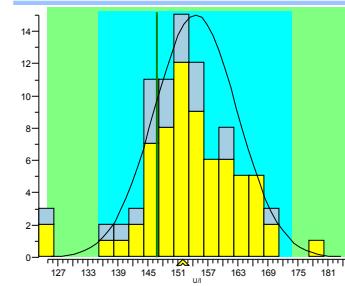
Consensus group	IFCC traceerbaar
Method	IFCC traceable
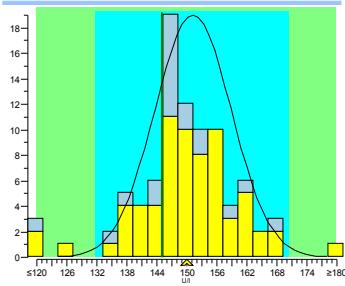
2013.1 A

	cons.	meth.	ref.	lab
mean	327	327	314.3	318
SD	21	21		
n	68	68		
no	2	2		

2013.1 B
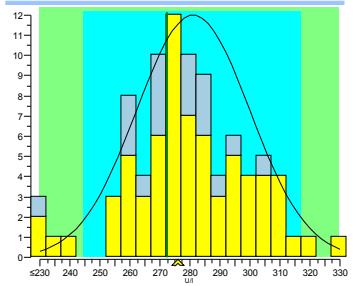
	cons.	meth.	ref.	lab
mean	154	154	145.8	151
SD	8	8		
n	67	67		
no	3	3		

2013.1 C
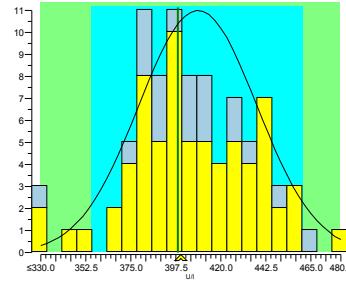
	cons.	meth.	exp.	lab
mean	151	151	145	150
SD	8	8		
n	68	68		
no	4	4		

2013.1 D
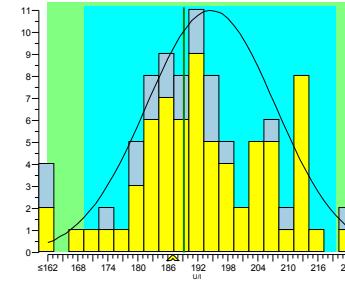
	cons.	meth.	ref.	lab
mean	281	281	272.3	276
SD	19	19		
n	69	69		
no	2	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	409	409	398.4	400
SD	30	30		
n	69	69		
no	2	2		

2013.1 F
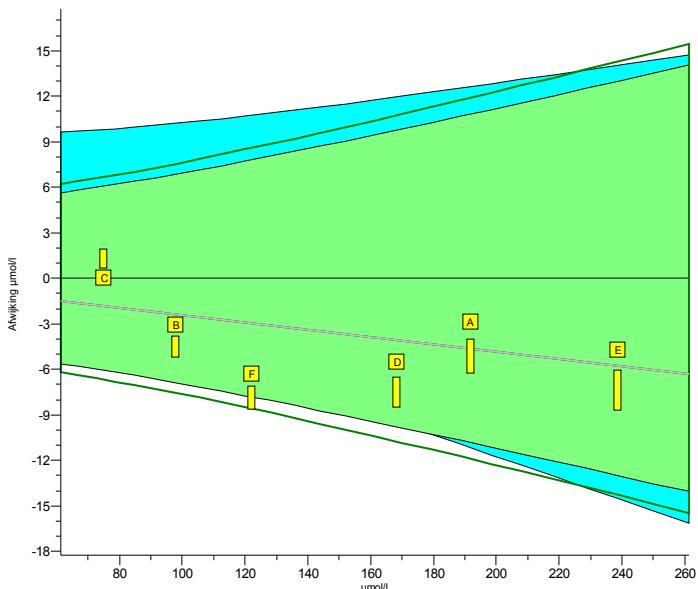
	cons.	meth.	ref.	lab
mean	195	195	189.2	187
SD	13	13		
n	69	69		
no	2	2		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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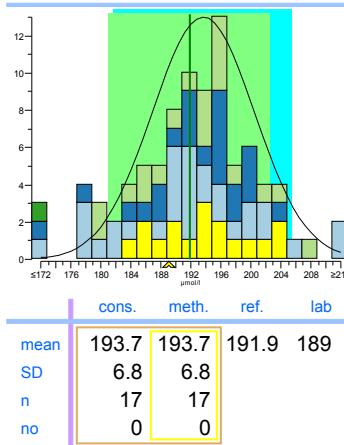
Creatinine
units: µmol/l
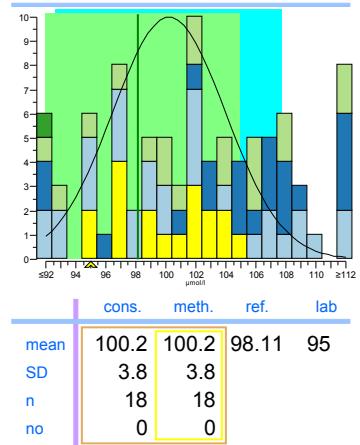
	2013.1	cumulative
Trueness	-2.5%	-2.5%
Precision	0.50%	0.50%
Number	6	6
Outliers	0	0
Sigma-TE	6.0	6.0
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	0.0 + 0.976.x	0.0 + 0.976.x

Consensus group	Enzymatische kreatinine
Method	Enzymatic, automatic
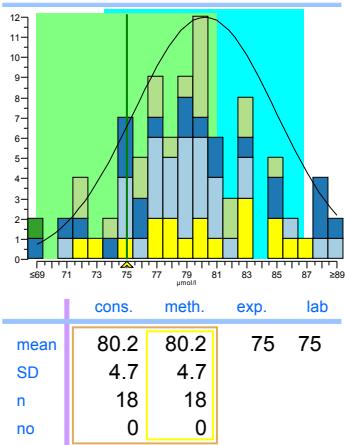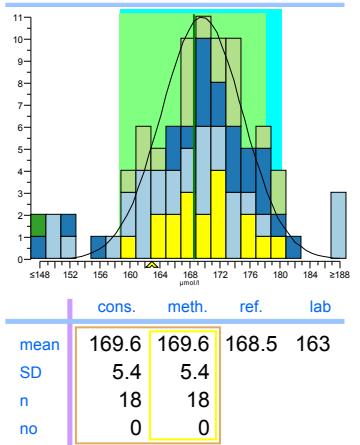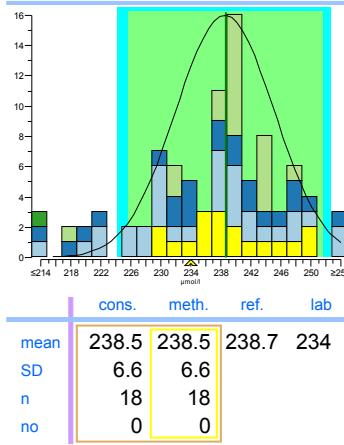
2013.1 A

	cons.	meth.	ref.	lab
mean	193.7	193.7	191.9	189
SD	6.8	6.8		
n	17	17		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	100.2	100.2	98.11	95
SD	3.8	3.8		
n	18	18		
no	0	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	80.2	80.2	75	75
SD	4.7	4.7		
n	18	18		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	169.6	169.6	168.5	163
SD	5.4	5.4		
n	18	18		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	238.5	238.5	238.7	234
SD	6.6	6.6		
n	18	18		
no	0	0		

2013.1 F

|	cons.	meth.	ref.	lab
mean	121.9	121.9	122.3	116
SD	5.6	5.6		
n	18	18		
no	0	0		

Legend

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

skml — Stichting Kwaliteitsbewaking Medische Laboratoriumdiagnostiek

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Leeds

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Groot Brittannië
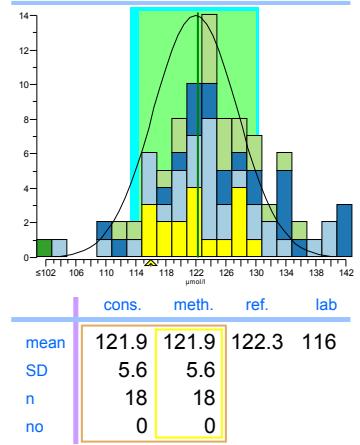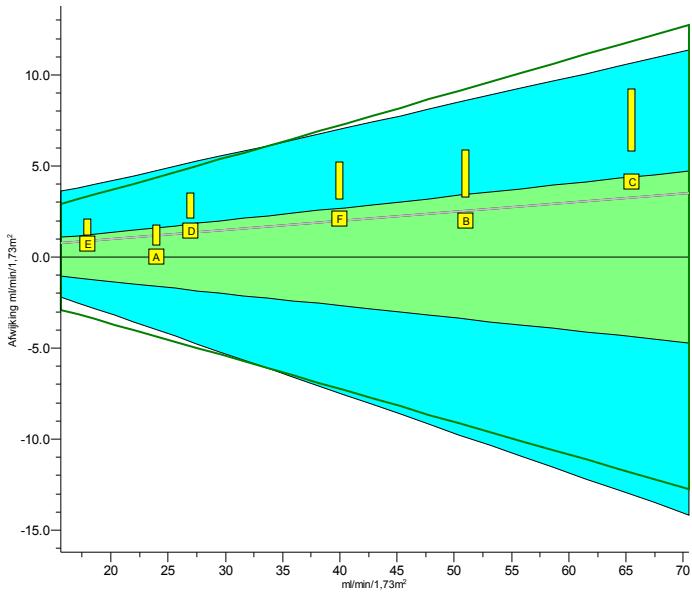
INPUtS 2013.1
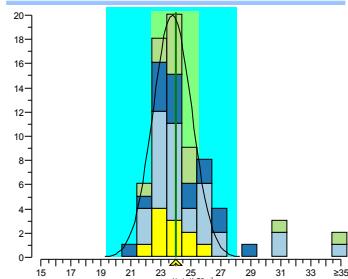
eGFR (F, 55, white)	units: ml/min/1,73m²
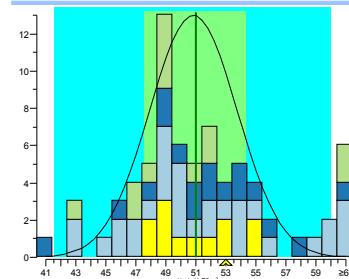
	2013.1	cumulative
Trueness	+4.6%	+4.6%
Precision	2.1%	2.1%
Number	6	6
Outliers	0	0
Sigma-TE	2.1	2.1
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	0.0 + 1.050.x	0.0 + 1.050.x

Consensus group	Enzymatische kreatinine
Method	Enzymatic, automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	23.8	23.8	24	24
SD	1.3	1.3		
n	11	11		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	50.8	50.8	51	53
SD	2.9	2.9		
n	12	12		
no	0	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	63.7	63.7	65,5	69.6
SD	4.7	4.7		
n	12	12		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	27.4	27.4	27	28.4
SD	1.3	1.3		
n	12	12		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	18.6	18.6	18	18.7
SD	0.6	0.6		
n	12	12		
no	1	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	40.3	40.3	40	42.1
SD	2.0	2.0		
n	12	12		
no	0	0		
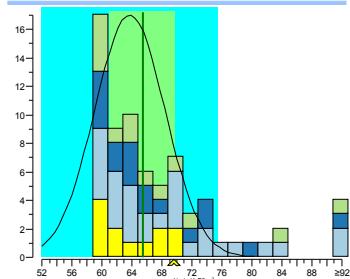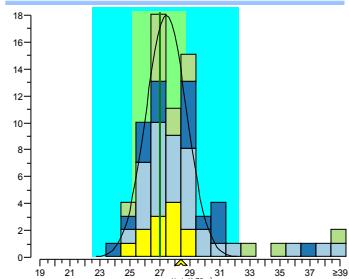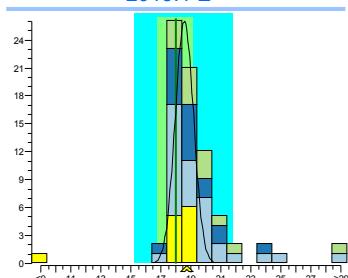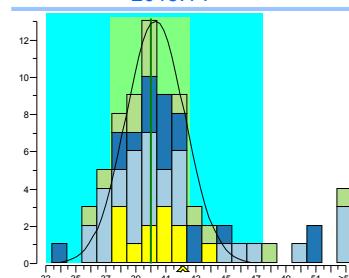
Legend

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

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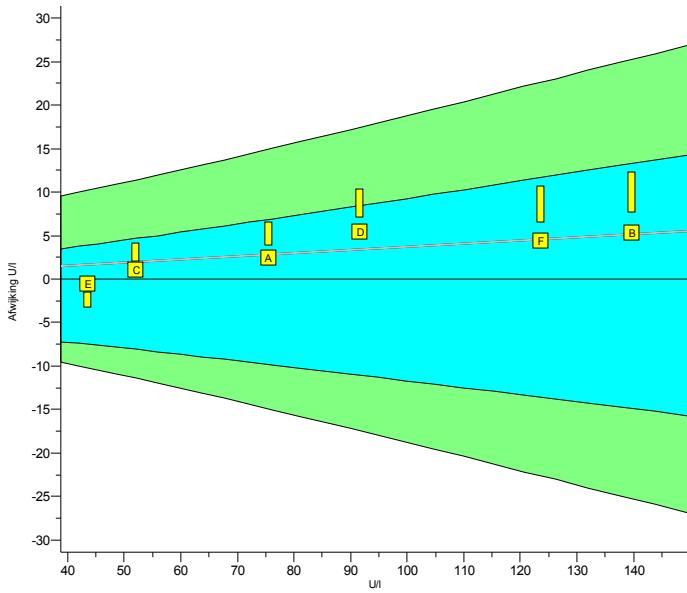
INPUtS 2013.1

Gamma-GT		units: U/l
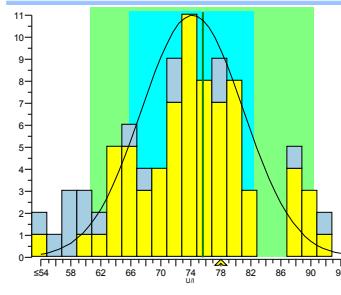
	2013.1	cumulative
Trueness	+3.4%	+3.4%
Precision	1.5%	1.5%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	6.0	6.0
Score pictogram		
Regression line	0.0 + 1.037.x	0.0 + 1.037.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable
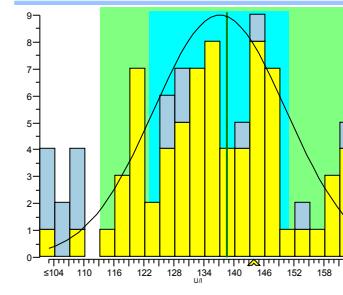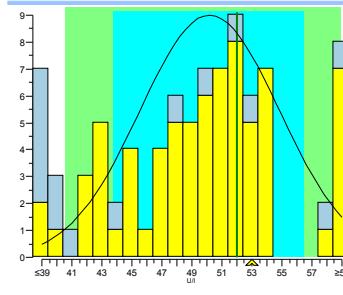
2013.1 A

	cons.	meth.	ref.	lab
mean	74.2	74.2	75.6	78
SD	6.8	6.8		
n	72	72		
no	1	1		

2013.1 B
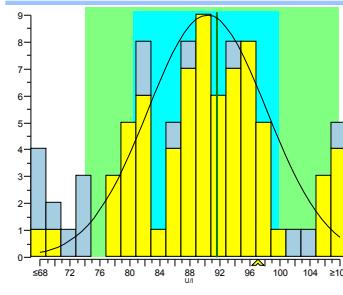
	cons.	meth.	ref.	lab
mean	138.2	138.2	139.7	145
SD	13.3	13.3		
n	72	72		
no	1	1		

2013.1 C
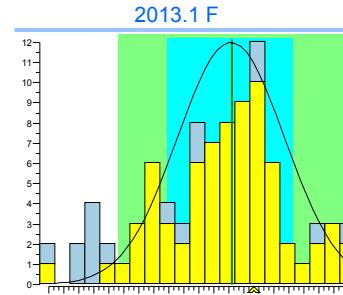
	cons.	meth.	exp.	lab
mean	50.2	50.2	52	53
SD	4.6	4.6		
n	72	72		
no	2	2		

2013.1 D
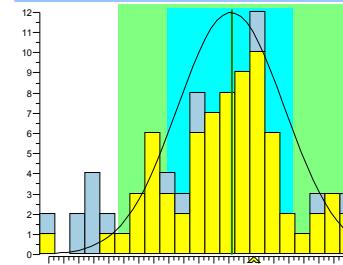
	cons.	meth.	ref.	lab
mean	90.3	90.3	91.6	97
SD	7.9	7.9		
n	71	71		
no	1	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	41.7	41.7	43.6	43
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	128
SD	10.7	10.7		
n	73	73		
no	1	1		

Legend

IFCC traceable   IFCC non-traceable

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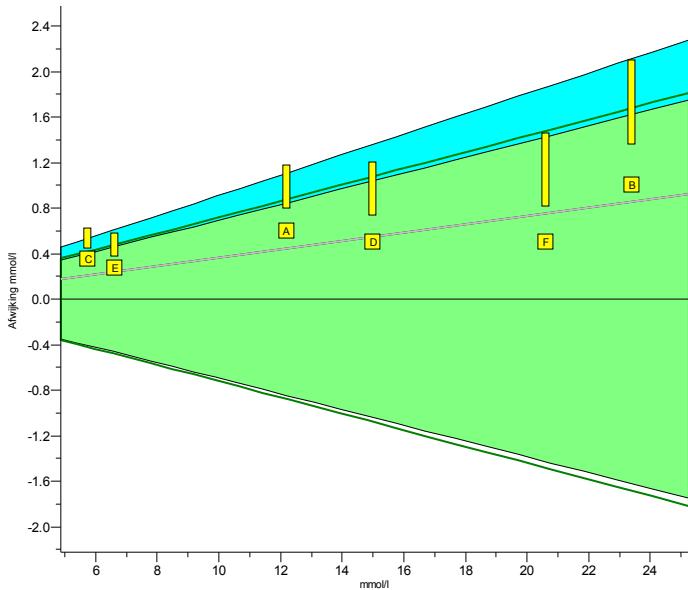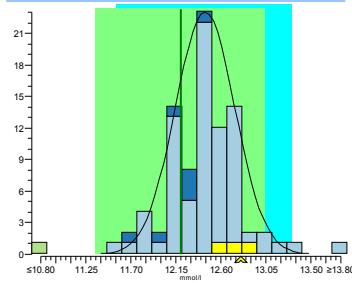
	Glucose	units:	mmol/l
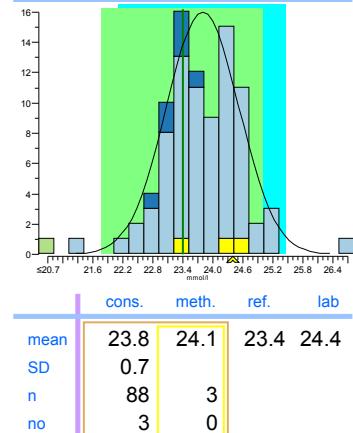
	2013.1	cumulative
Trueness	+3.9%	+3.9%
Precision	1.2%	1.2%
Number	6	6
Outliers	0	0
Sigma-TE	3.1	3.1
Sigma-SA	3.3 1	3.3 1
Score pictogram		
Regression line	0.00 + 1.037.x	0.00 + 1.037.x

Consensus group	Natte chemie
Method	Glucose-oxydase/POD,automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	12.44	12.76	12.2	12.8
SD	0.30			
n	88	3		
no	3	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	23.8	24.1	23.4	24.4
SD	0.7			
n	88	3		
no	3	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	5.86	6.03	5,75	6.1
SD	0.16			
n	88	3		
no	1	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	15.30	15.55	15.0	15.5
SD	0.39			
n	88	3		
no	2	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	6.74	6.83	6.63	6.9
SD	0.14			
n	89	3		
no	2	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	21.01	21.04	20.6	21.1
SD	0.60			
n	89	3		
no	1	0		
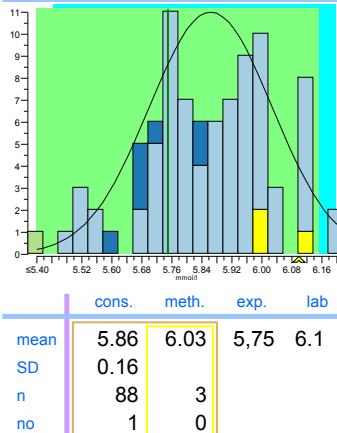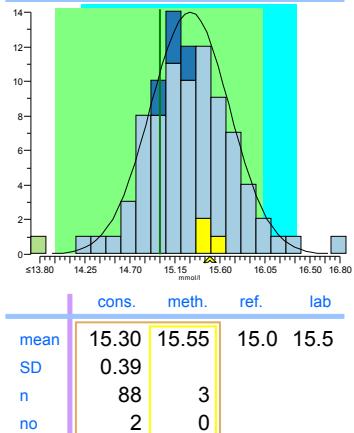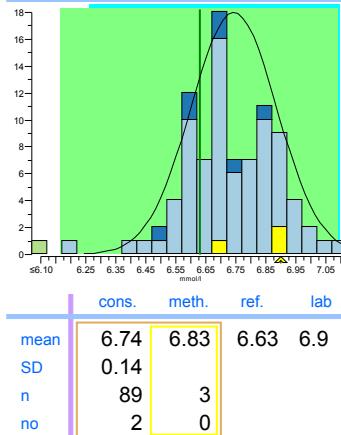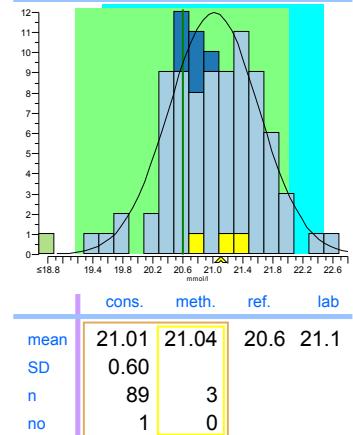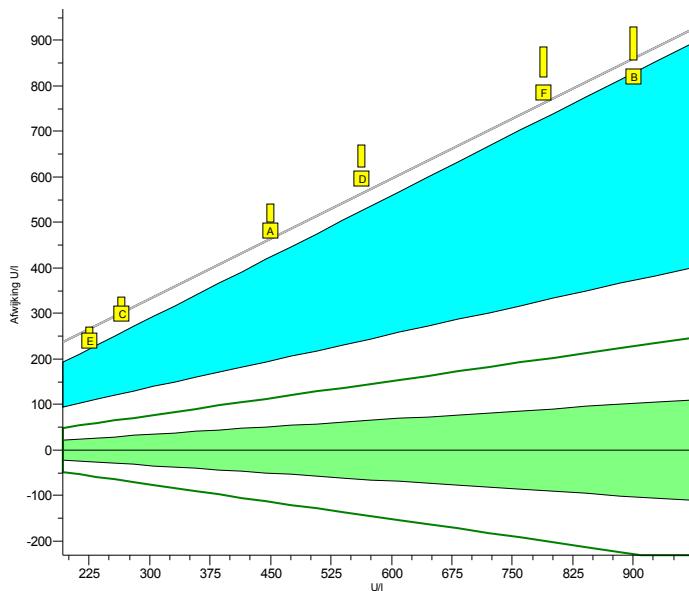
Legend

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

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LD	units: U/l

	2013.1	cumulative
Trueness	+101%	+101%
Precision	2.1%	2.1%
Number	6	6
Outliers	0	0
Sigma-TE	-3.0	-3.0
Sigma-SA	-3.0 0	-3.0 0
Score pictogram		
Regression line	69 + 1.878.x	69 + 1.878.x

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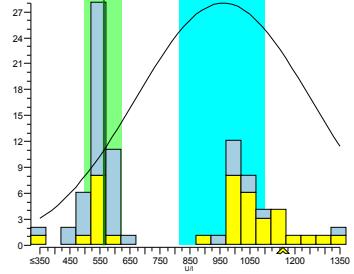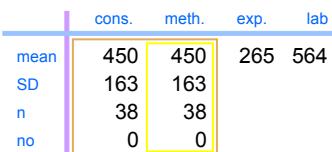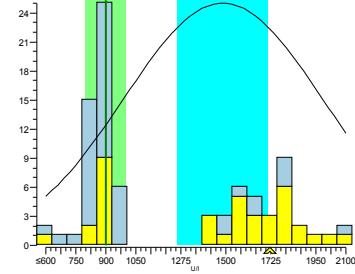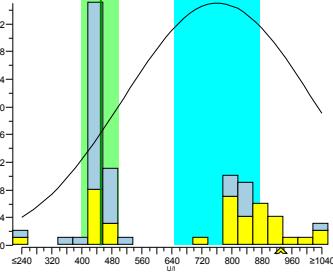
2013.1 A

	cons.	meth.	ref.	lab
mean	763	763	450.7	931
SD	251	251		
n	38	38		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	1486	1486	900.8	1720
SD	496	496		
n	38	38		
no	0	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	450	450	265	564
SD	163	163		
n	38	38		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	961	961	563.0	1159
SD	291	291		
n	37	37		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	387	387	226.1	466
SD	127	127		
n	39	39		
no	0	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	1326	1326	788.9	1574
SD	428	428		
n	39	39		
no	0	0		

Legend

☐ IFCC non-traceable   ☐ IFCC traceable

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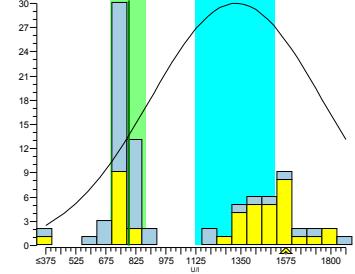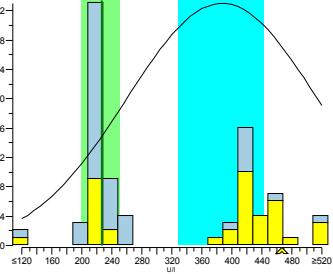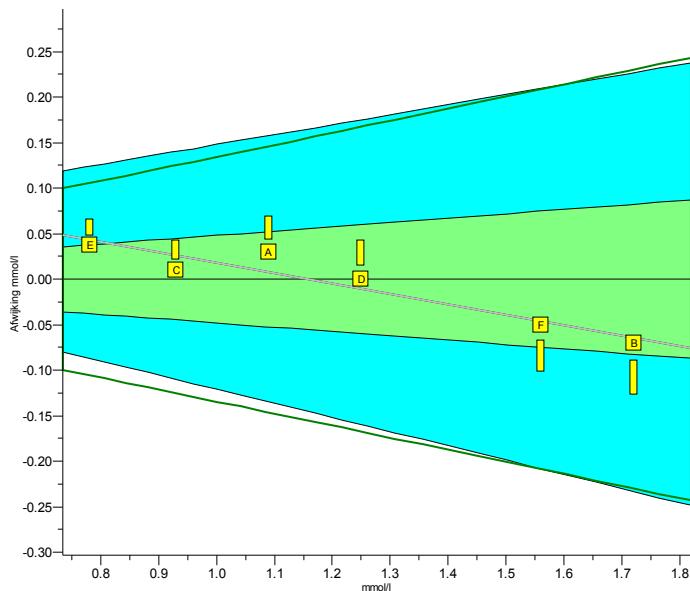
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Magnesium	units: mmol/l
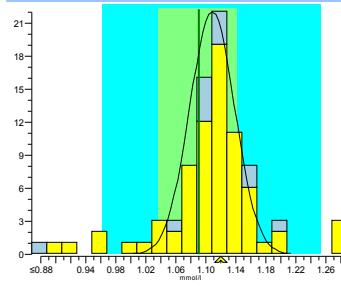
	2013.1	cumulative
Trueness	-0.57%	-0.57%
Precision	0.92%	0.92%
Number	6	6
Outliers	0	0
Sigma-TE	3.1	3.1
Sigma-SA	6.0 [2]	6.0 [2]
Score pictogram		
Regression line	0.13 + 0.886.x	0.13 + 0.886.x
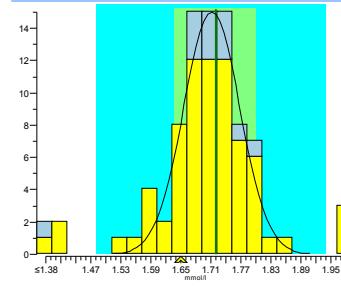
Consensus group	Overall
Method	Colorimetric

2013.1 A
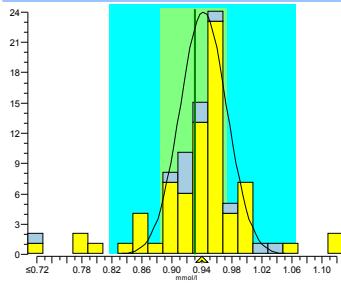
	cons.	meth.	ref.	lab
mean	1.11	1.11	1.09	1.12
SD	0.03	0.03		
n	85	73		
no	11	10		

2013.1 B
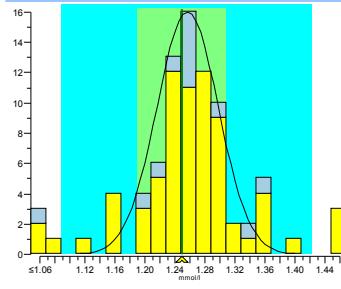
	cons.	meth.	ref.	lab
mean	1.71	1.71	1.72	1.65
SD	0.06	0.06		
n	85	73		
no	8	7		

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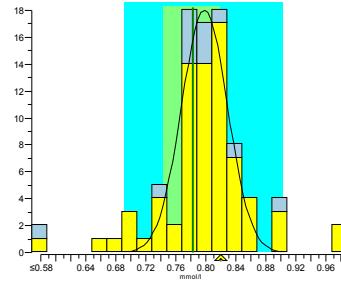
	cons.	meth.	exp.	lab
mean	0.94	0.94	0,93	0.94
SD	0.03	0.03		
n	85	73		
no	9	8		

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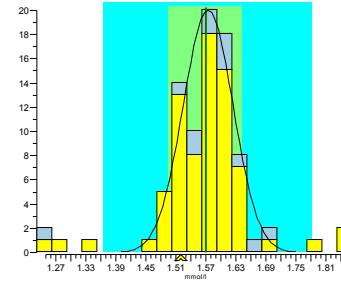
	cons.	meth.	ref.	lab
mean	1.26	1.26	1.25	1.25
SD	0.04	0.05		
n	83	71		
no	9	8		

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
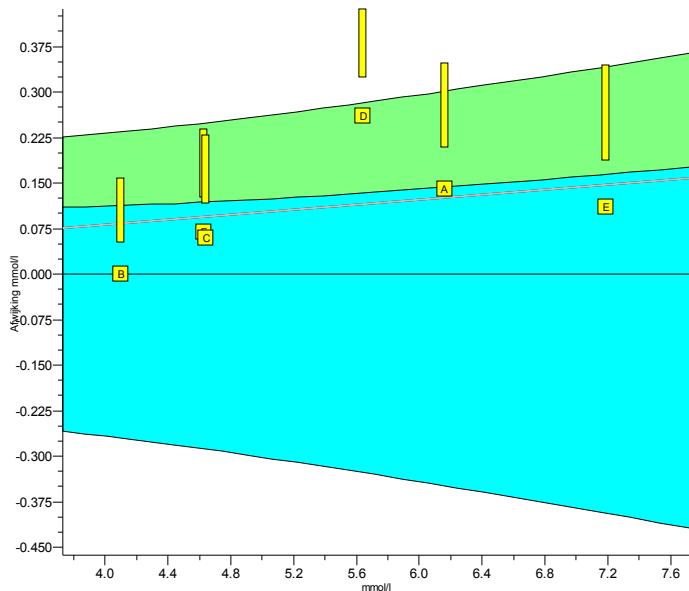
	cons.	meth.	ref.	lab
mean	1.56	1.56	1.56	1.51
SD	0.05	0.05		
n	86	74		
no	7	6		

Legend

Colorimetric	Other methods

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Potassium	units: mmol/l
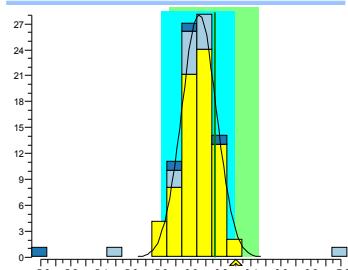
|	2013.1	cumulative
Trueness	+2.0%	+2.0%
Precision	1.4%	1.4%
Number	6	6
Outliers	0	0
Sigma-TE	4.2 [1]	4.2 [1]
Sigma-SA	3.2	3.2
Score pictogram		
Regression line	0.00 + 1.021.x	0.00 + 1.021.x
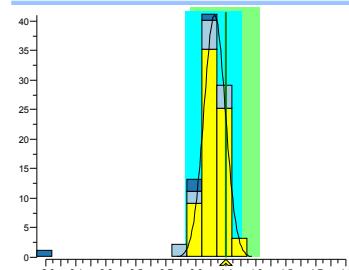
Consensus group	ISE verdund/Vlamfotometrie
Method	ISE indirect (with predilution)
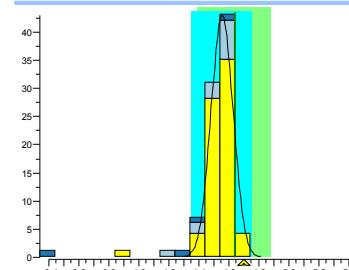
2013.1 A

	cons.	meth.	ref.	lab
mean	6.05	6.05	6.16	6.3
SD	0.12	0.12		
n	72	72		
no	0	0		

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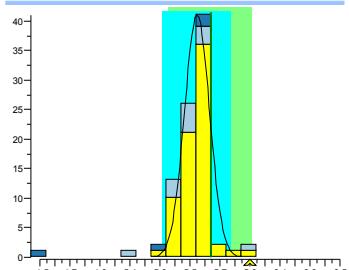
	cons.	meth.	ref.	lab
mean	4.02	4.02	4.10	4.1
SD	0.07	0.07		
n	72	72		
no	0	0		

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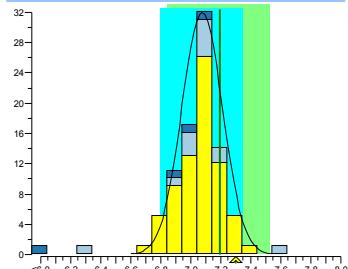
	cons.	meth.	exp.	lab
mean	4.55	4.55	4,64	4.7
SD	0.07	0.07		
n	72	72		
no	1	1		

2013.1 D
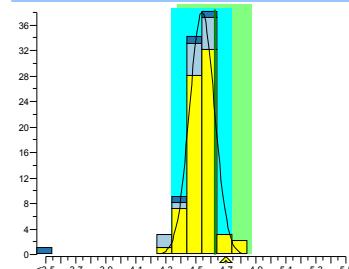
	cons.	meth.	ref.	lab
mean	5.55	5.55	5.64	5.9
SD	0.08	0.08		
n	72	72		
no	2	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	7.08	7.08	7.19	7.3
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	4.7
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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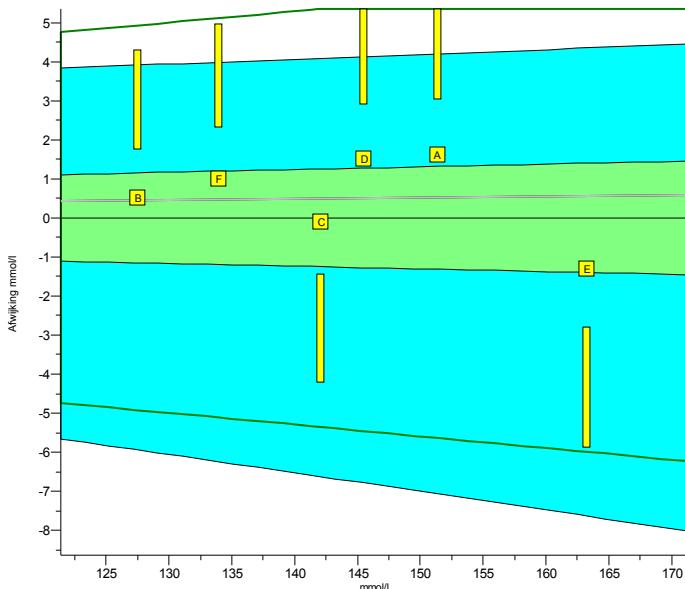
INPUtS 2013.1

Sodium	units: mmol/l
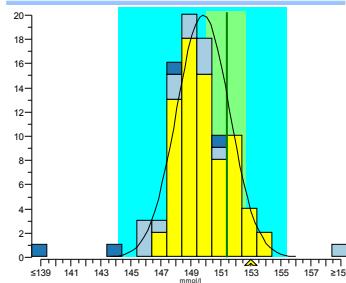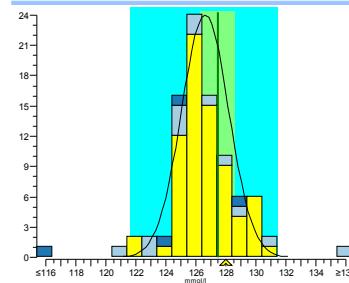
	2013.1	cumulative
Trueness	+0.37%	+0.37%
Precision	0.79%	0.79%
Number	6	6
Outliers	0	0
Sigma-TE	1.0	1.0
Sigma-SA	4.7 2	4.7 2
Score pictogram		
Regression line	0.0 + 1.003.x	0.0 + 1.003.x

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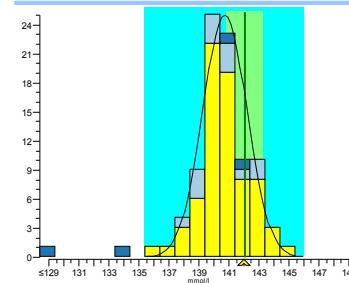
2013.1 A

	cons.	meth.	ref.	lab
mean	149.8	149.8	151.4	153
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	128
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	142
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	147
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	135
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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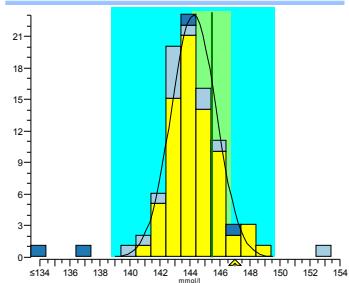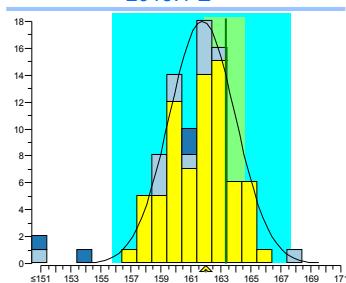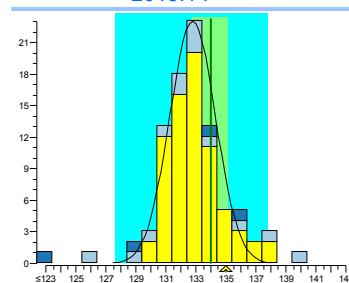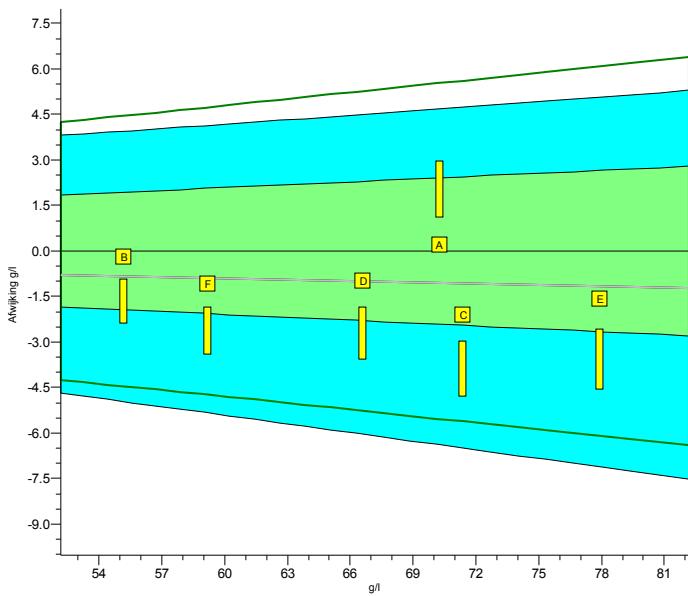
Total Protein — units: g/l

	2013.1	cumulative
Trueness	-1.4%	-1.4%
Precision	1.1%	1.1%
Number	6	6
Outliers	0	0
Sigma-TE	2.6	2.6
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	0.0 + 0.985.x	0.0 + 0.985.x

Consensus group	Biureet
Method	Biurete, automatic

2013.1 A
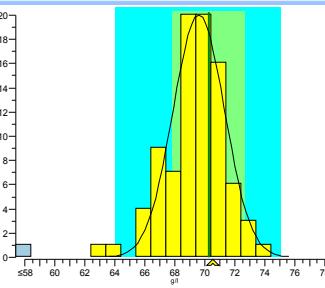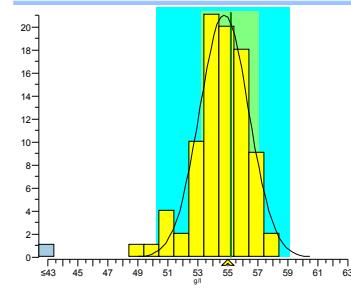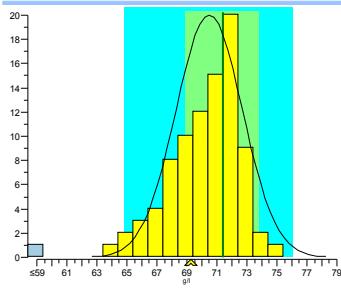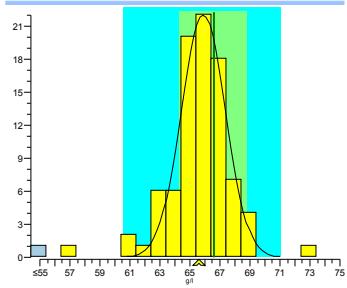
	cons.	meth.	ref.	lab
mean	69.6	69.6	70.3	70.5
SD	1.7	1.7		
n	88	88		
no	2	2		

2013.1 B
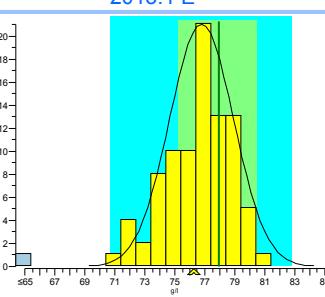
	cons.	meth.	ref.	lab
mean	54.8	54.8	55.2	55
SD	1.6	1.6		
n	88	88		
no	1	1		

2013.1 C
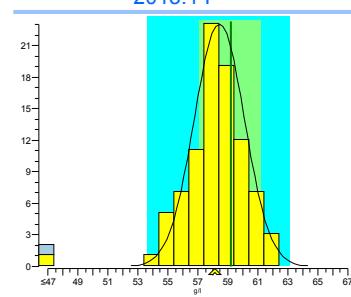
	cons.	meth.	exp.	lab
mean	70.5	70.5	71,4	69.3
SD	2.2	2.2		
n	87	87		
no	0	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	65.9	65.9	66.6	65.6
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	76.3
SD	2.1	2.1		
n	88	88		
no	0	0		
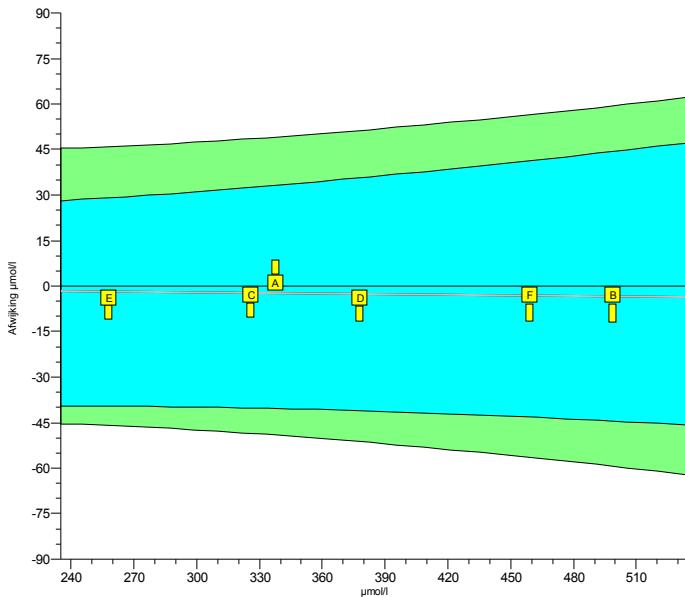
2013.1 F

	cons.	meth.	ref.	lab
mean	58.4	58.4	59.2	58.1
SD	1.7	1.7		
n	89	89		
no	1	1		

Legend

Biurete, automatic   Other methods

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Urate

units: µmol/l
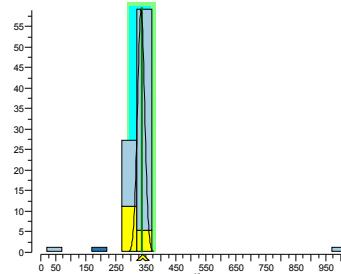
	2013.1	cumulative
Trueness	-0.71%	-0.71%
Precision	0.58%	0.58%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	6.0	6.0
Score pictogram		
Regression line	0 + 0.993.x	0 + 0.993.x
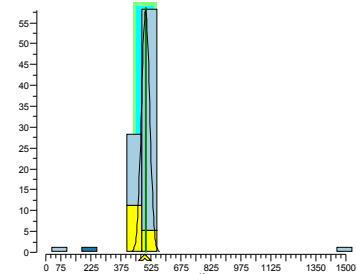
Consensus group	Colorimetrisch
Method	Uricase, differential UV, automatic

2013.1 A
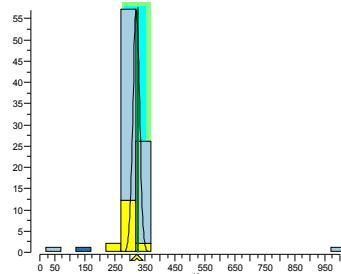
	cons.	meth.	ref.	lab
mean	334	309	0.338	339
SD	12	28		
n	88	16		
no	18	0		

2013.1 B
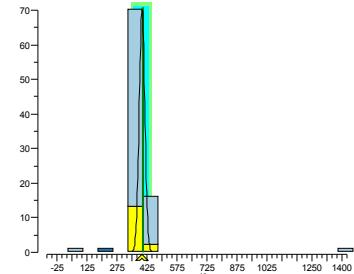
	cons.	meth.	ref.	lab
mean	499	463	0.499	496
SD	20	36		
n	88	16		
no	18	0		

2013.1 C
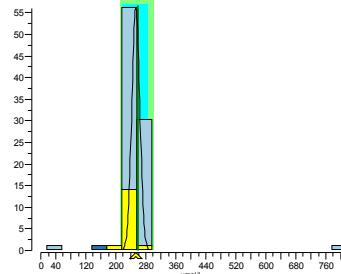
	cons.	meth.	exp.	lab
mean	321	296	0,326	323
SD	11	26		
n	87	16		
no	18	0		

2013.1 D
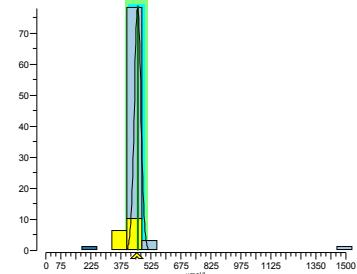
	cons.	meth.	ref.	lab
mean	376	349	0.378	374
SD	14	29		
n	88	15		
no	17	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	253	231	0.258	254
SD	11	17		
n	89	16		
no	18	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	459	428	0.459	456
SD	17	31		
n	88	16		
no	17	0		
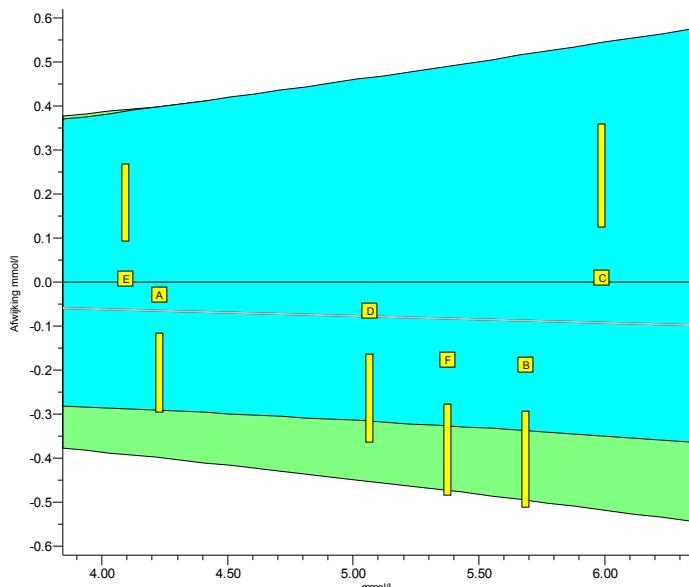
Legend

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

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Cholesterol	units: mmol/l
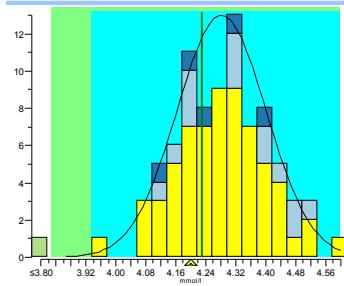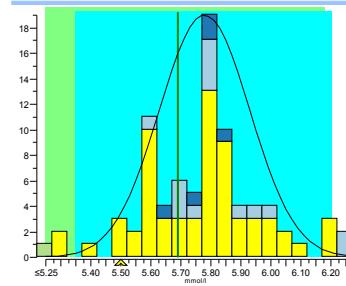
	2013.1	cumulative
Trueness	-1.5%	-1.5%
Precision	1.7%	1.7%
Number	6	6
Outliers	0	0
Sigma-TE	5.4 [2]	5.4 [2]
Sigma-SA	4.6	4.6
Score pictogram		
Regression line	0.00 + 0.985.x	0.00 + 0.985.x

Consensus group	Enzymatisch
Method	Enzymatic, automatic, discrete

2013.1 A

	cons.	meth.	ref.	lab
mean	4.28	4.28	4.230	4.2
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	5.5
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
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
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	4.1
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	5.2
SD	0.15	0.16		
n	84	65		
no	2	2		
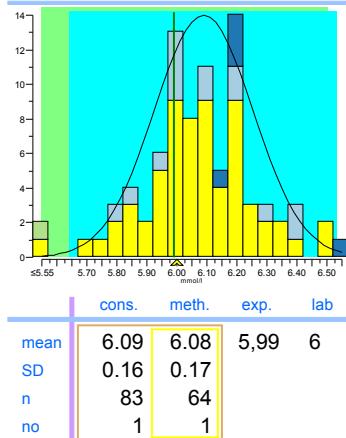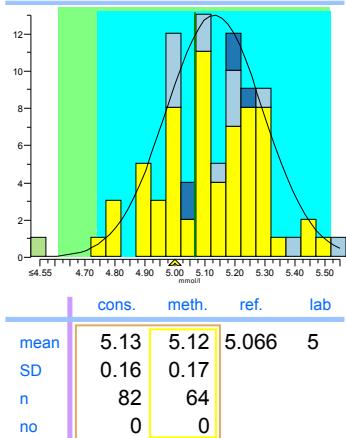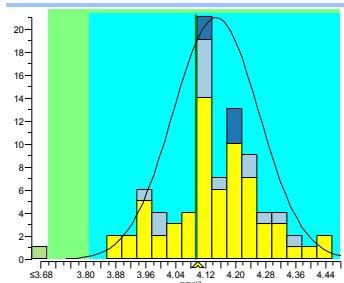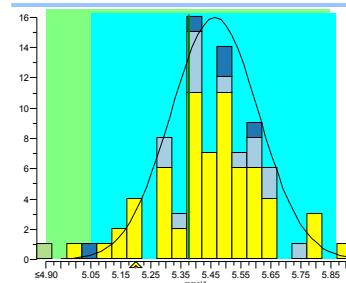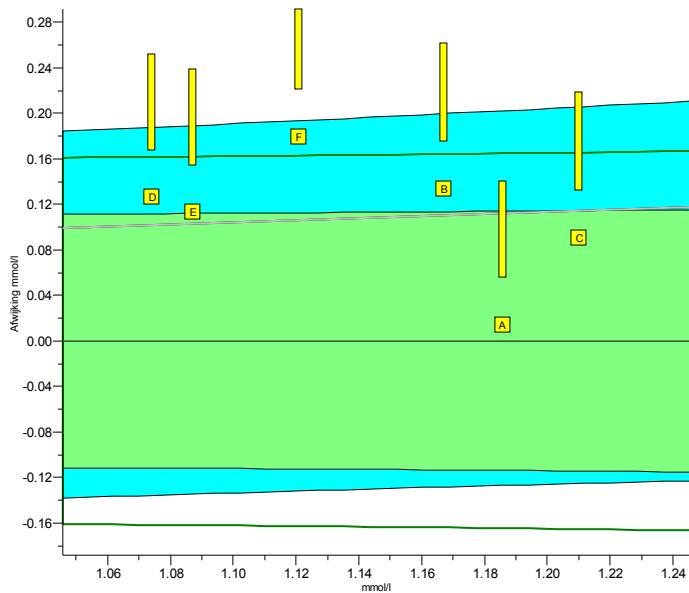
Legend

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

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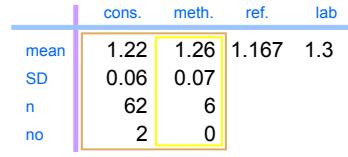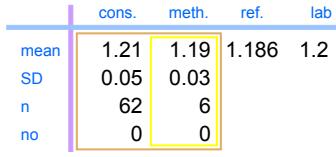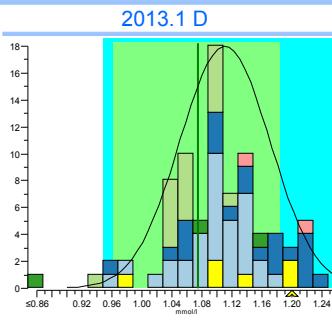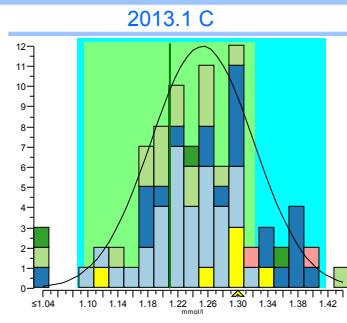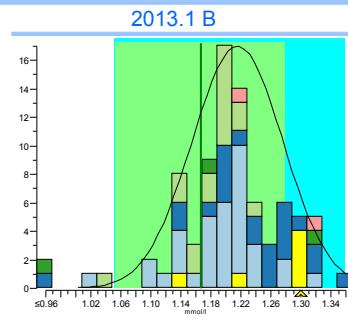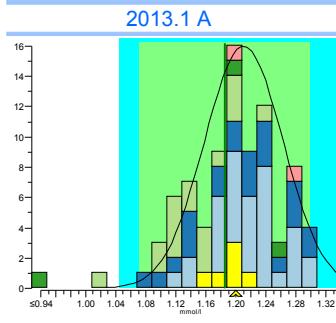
	HDL-Cholesterol	units: mmol/l

	2013.1	cumulative
Trueness	+10%	+10%
Precision	4.8%	4.8%
Number	6	6
Outliers	0	0
Sigma-TE	0.9	0.9
Sigma-SA	2.4 1	2.4 1
Score pictogram		
Regression line	0.00 + 1.095.x	0.00 + 1.095.x

Consensus group	Direct
Method	Catalase method (Denka Seiken)

2013.1 A

	cons.	meth.	ref.	lab
mean	1.21	1.19	1.186	1.2
SD	0.05	0.03		
n	62	6		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	1.22	1.26	1.167	1.3
SD	0.06	0.07		
n	62	6		
no	2	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	1.25	1.27	1,21	1.3
SD	0.07	0.08		
n	62	6		
no	1	0		

2013.1 D

	cons.	meth.	ref.	lab
mean	1.11	1.12	1.074	1.2
SD	0.06	0.08		
n	60	6		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	1.11	1.10	1.087	1.2
SD	0.06	0.06		
n	62	6		
no	1	0		

2013.1 F

	cons.	meth.	ref.	lab
mean	1.15	1.18	1.121	1.3
SD	0.07	0.09		
n	62	6		
no	0	0		

Legend

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