3703 J. Horner
Glasgow Royal Infirmary
-

July, 29 2014 11:34

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	36	

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Analyte		Trueness				Precision		Performance				
		your mean	ref.	cons.	SDtl	your prec.	SDbl	this survey	PS	cumulative	PSc	
ALAT	U/l	80.2	98.2	86.9	10.1	2.0	2.7		0			0
Alk. Phosphatase	U/l	179	188	173	15	4	2		2			2
Amylase	U/l	174	207	175	17	2	3		1			1
ASAT	U/l	65.5	78.6	71.5	6.8	1.6	1.6		0			0
Calcium	mmol/l	2.57	2.46	2.47	0.07	0.05	0.02		1			1
Chloride	mmol/l	101.5	100.0	100.8	1.8	0.6	0.9		2			2
CK	U/l	248	244	253	18	6	3		2			2
Creatinine	µmol/l	154.0	149.1	150.9	7.1	4.5	4.2		1			1
Gamma-GT	U/l	78.2	87.7	86.3	8.6	2.5	1.2		2			2
Glucose	mmol/l	14.52	13.93	14.19	0.44	0.43	0.18		1			1
LD	U/l	521	532	523	33	8	9		2			2
Magnesium	mmol/l	1.23	1.22	1.23	0.04	0.03	0.02		2			2
Potassium	mmol/l	5.28	5.39	5.30	0.10	0.03	0.04		2			2
Sodium	mmol/l	142.7	144.0	142.7	1.7	0.3	0.9		2			2
Total Protein	g/l	66.8	66.8	66.0	1.8	0.4	0.7		2			2
Urate	µmol/l	400	376	374	15	6	4		2			2
Cholesterol	mmol/l	5.15	5.07	5.15	0.14	0.09	0.05		2			2
HDL-Cholesterol	mmol/l	1.18	1.14	1.17	0.06	0.03	0.03		2			2

Total :   28   28

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ALAT

units: U/l

	2013.1	cumulative
Trueness	-18%	-18%
Precision	2.3%	2.3%
Number	6	6
Outliers	0	0
Sigma-TE	0.4 [0]	0.4 [0]
Sigma-SA	-0.7	-0.7
Score pictogram		
Regression line	0.0 + 0.807.x	0.0 + 0.807.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable
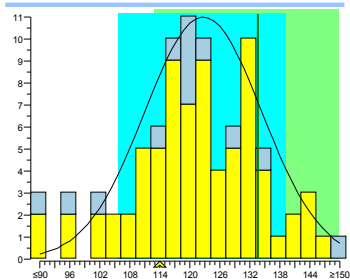
2013.1 A

	cons.	meth.	ref.	lab
mean	122.7	122.7	133.5	114
SD	11.8	11.8		
n	75	75		
no	1	1		

2013.1 B
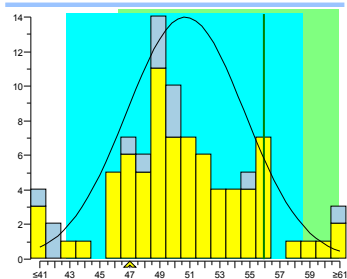
	cons.	meth.	ref.	lab
mean	50.7	50.7	55.9	47
SD	3.9	3.9		
n	76	76		
no	3	3		

2013.1 C
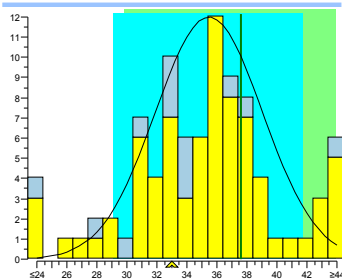
	cons.	meth.	exp.	lab
mean	35.5	35.5	37,6	33
SD	3.6	3.6		
n	76	76		
no	7	7		

2013.1 D
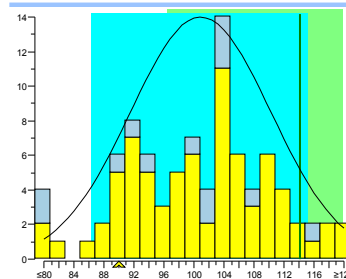
	cons.	meth.	ref.	lab
mean	100.9	100.9	114.2	90
SD	9.4	9.4		
n	76	76		
no	3	3		

2013.1 E
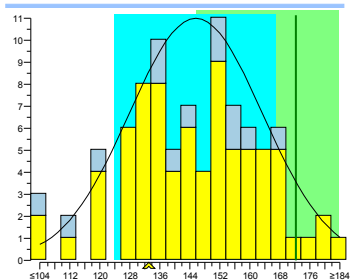
	cons.	meth.	ref.	lab
mean	146	146	172.2	133
SD	18	18		
n	77	77		
no	1	1		

2013.1 F
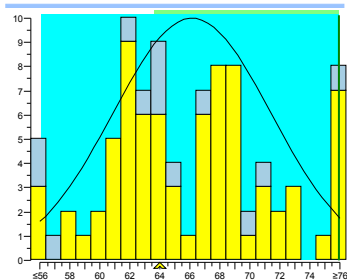
	cons.	meth.	ref.	lab
mean	66.1	66.1	75.9	64
SD	5.3	5.3		
n	77	77		
no	3	3		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Alk. Phosphatase	units: U/l
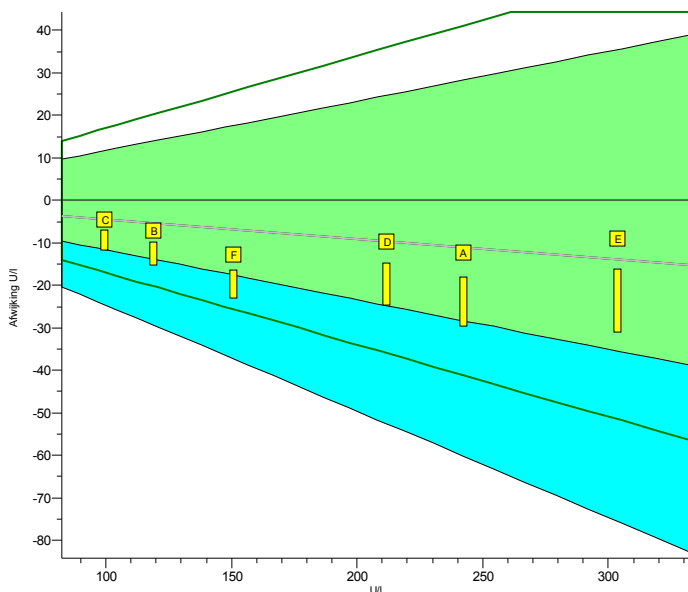
	2013.1	cumulative
Trueness	-5.0%	-5.0%
Precision	2.2%	2.2%
Number	6	6
Outliers	0	0
Sigma-TE	3.9	3.9
Sigma-SA	6.0 [2]	6.0 [2]
Score pictogram		
Regression line	0 + 0.954.x	0 + 0.954.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	224	224	242.5	230
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	95
SD	5	5		
n	76	76		
no	10	10		

2013.1 D

	cons.	meth.	ref.	lab
mean	194	194	211.7	202
SD	14	14		
n	77	77		
no	6	6		

2013.1 E

	cons.	meth.	ref.	lab
mean	280	280	304.0	295
SD	25	25		
n	78	78		
no	3	3		

2013.1 F

	cons.	meth.	ref.	lab
mean	139	139	150.9	138
SD	11	11		
n	78	78		
no	5	5		

Legend

■ IFCC traceable   ■ IFCC non-traceable

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Amylase	units: U/l
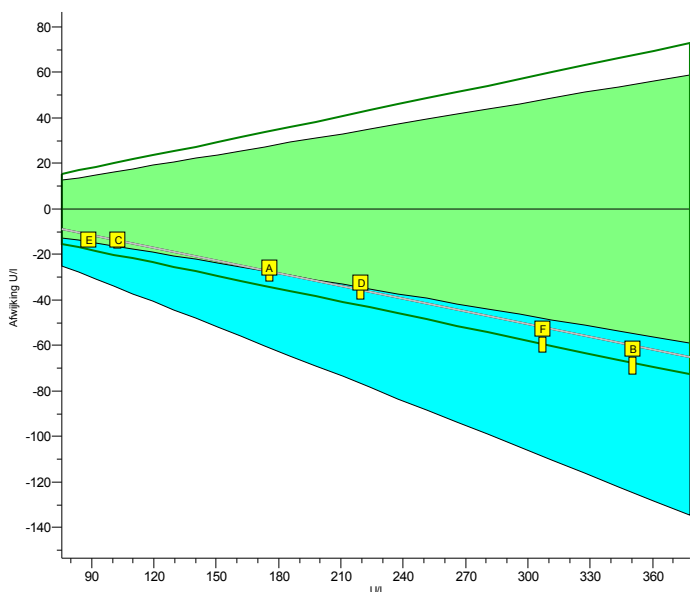
	2013.1	cumulative
Trueness	-16%	-16%
Precision	1.1%	1.1%
Number	6	6
Outliers	0	0
Sigma-TE	1.1	1.1
Sigma-SA	4.4 1	4.4 1
Score pictogram		
Regression line	5 + 0.813.x	5 + 0.813.x

Consensus group	niet IFCC traceerbaar
Method	IFCC non-traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	148	148	175.8	150
SD	14	14		
n	27	27		
no	1	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	293	293	350.5	289
SD	26	26		
n	27	27		
no	1	1		

2013.1 C

	cons.	meth.	exp.	lab
mean	90	90	102,7	89
SD	8	8		
n	27	27		
no	4	4		

2013.1 D

	cons.	meth.	ref.	lab
mean	186	186	219.4	187
SD	17	17		
n	25	25		
no	1	1		

2013.1 E

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

2013.1 F

	cons.	meth.	ref.	lab
mean	258	258	307.0	254
SD	21	21		
n	27	27		
no	1	1		
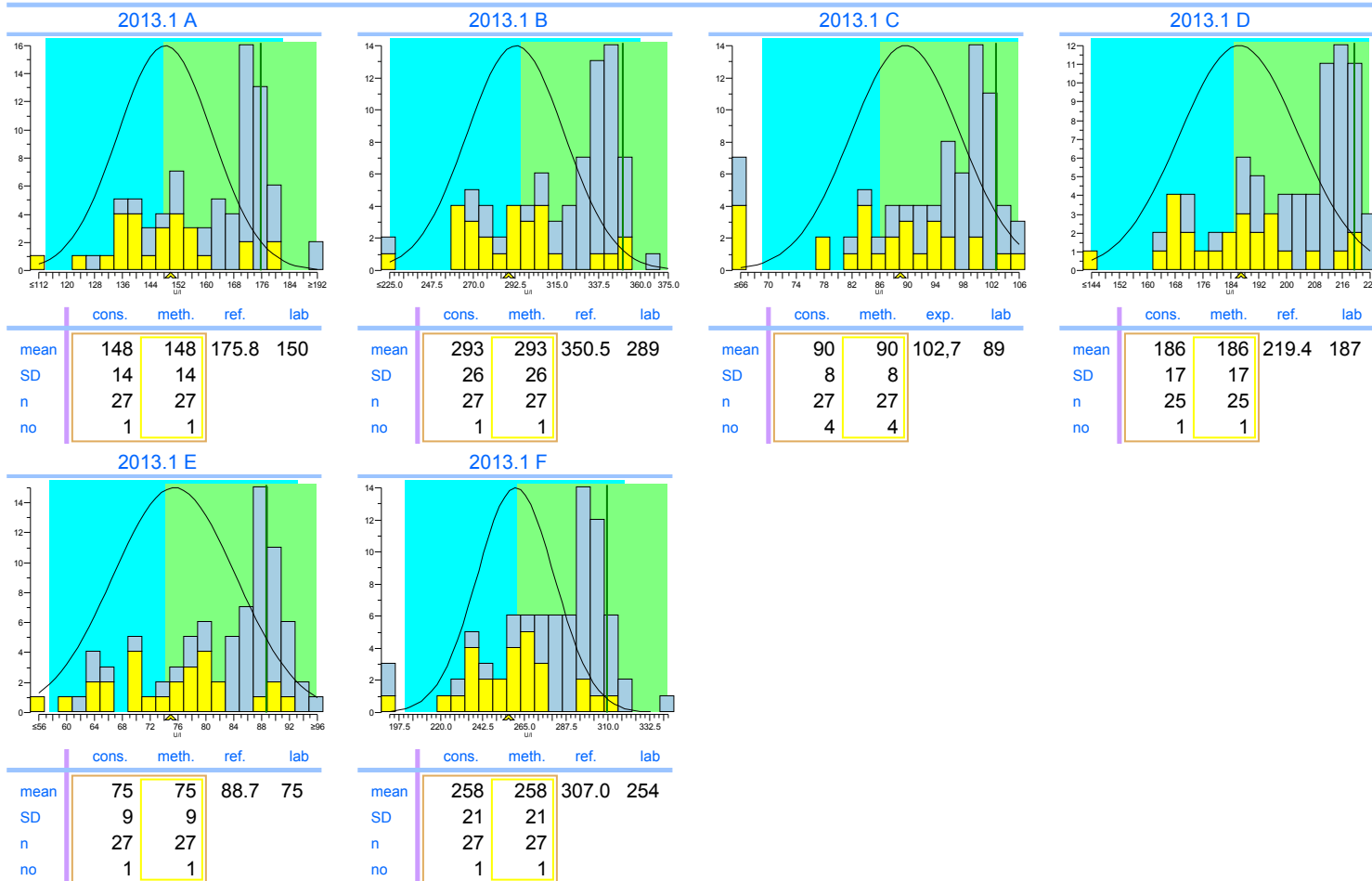
Legend

☐ IFCC non-traceable   ☐ IFCC traceable

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ASAT		units: U/l
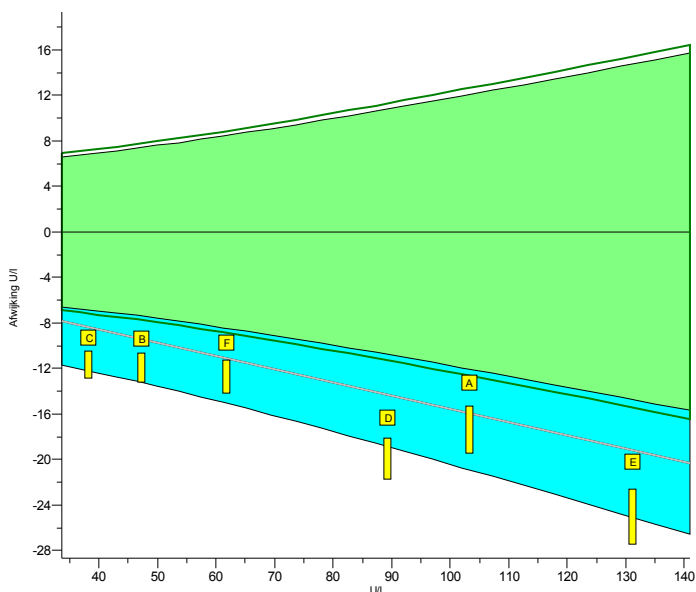
	2013.1	cumulative
Trueness	-17%	-17%
Precision	2.3%	2.3%
Number	6	6
Outliers	0	0
Sigma-TE	-1.1	-1.1
Sigma-SA	-0.8 0	-0.8 0
Score pictogram		
Regression line	-4.0 + 0.884.x	-4.0 + 0.884.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	96.3	96.3	103.3	90
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	38
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	29
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	73
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	111
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	52
SD	5.1	5.1		
n	76	76		
no	2	2		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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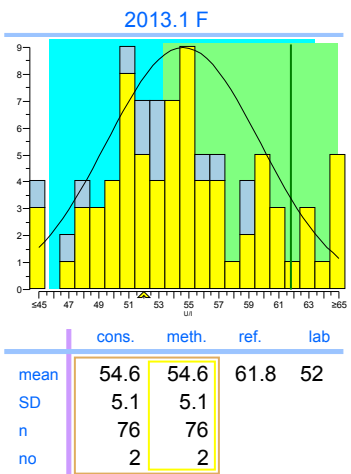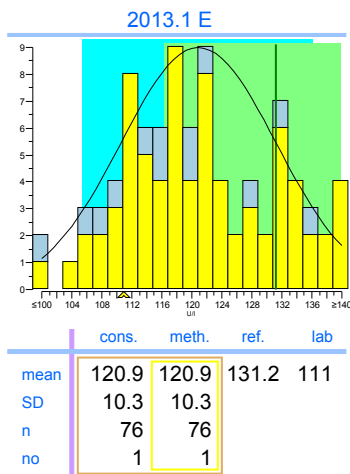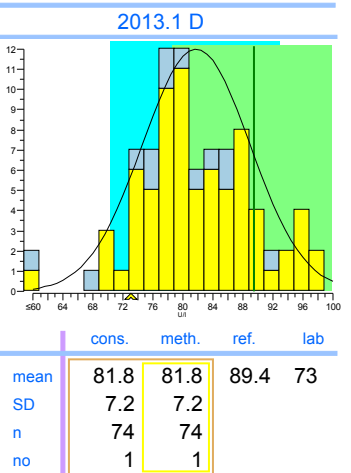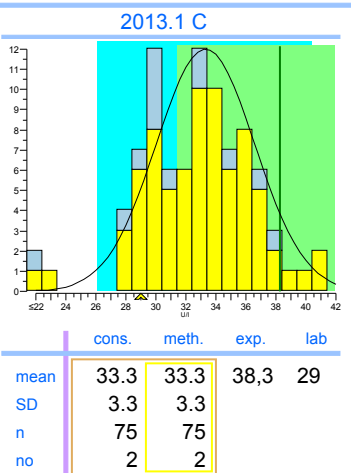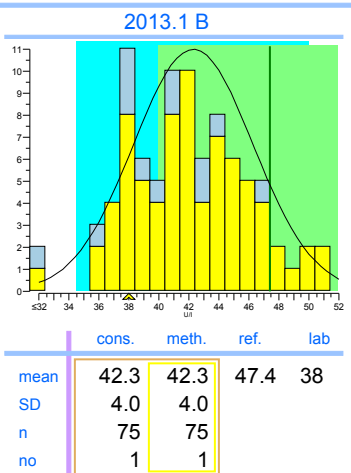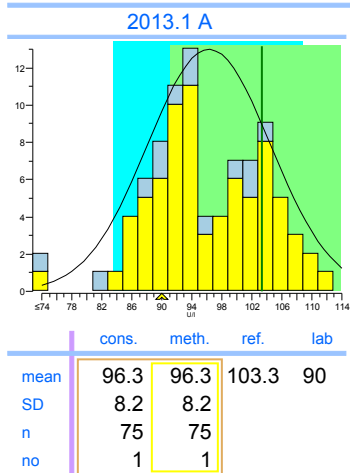
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Calcium	units: mmol/l
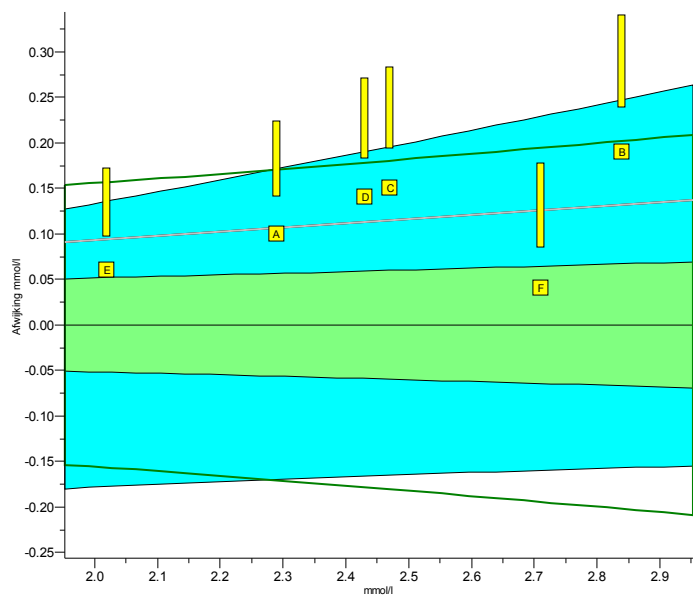
	2013.1	cumulative
Trueness	+4.6%	+4.6%
Precision	2.0%	2.0%
Number	6	6
Outliers	0	0
Sigma-TE	-0.7	-0.7
Sigma-SA	2.8 1	2.8 1
Score pictogram		
Regression line	0.00 + 1.047.x	0.00 + 1.047.x

Consensus group	Colorimetrisch
Method	Colorimetric, automatic, discrete

2013.1 A

	cons.	meth.	ref.	lab
mean	2.30	2.30	2.29	2.39
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	3.03
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	2.62
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	2.57
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	2.08
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	2.75
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
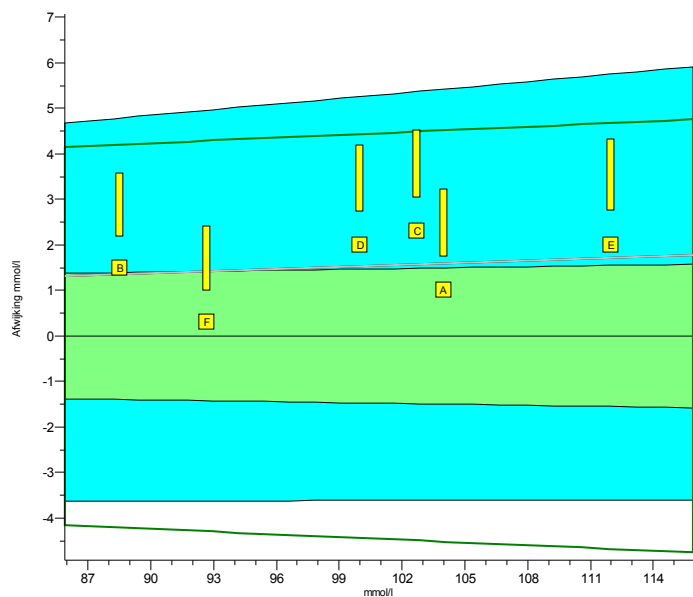
	2013.1	cumulative
Trueness	+1.5%	+1.5%
Precision	0.59%	0.59%
Number	6	6
Outliers	0	0
Sigma-TE	0.7	0.7
Sigma-SA	5.8 2	5.8 2
Score pictogram		
Regression line	0.0 + 1.015.x	0.0 + 1.015.x

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	90
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	105
SD	2.2	2.3		
n	88	67		
no	3	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	101.3	101.4	100	102
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	93
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	+1.8%	+1.8%
Precision	2.5%	2.5%
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 + 1.020.x	0 + 1.020.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

	cons.	meth.	ref.	lab
mean	327	327	314.3	326
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	147
SD	8	8		
n	68	68		
no	4	4		

2013.1 D

	cons.	meth.	ref.	lab
mean	281	281	272.3	283
SD	19	19		
n	69	69		
no	2	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	409	409	398.4	404
SD	30	30		
n	69	69		
no	2	2		

2013.1 F

	cons.	meth.	ref.	lab
mean	195	195	189.2	180
SD	13	13		
n	69	69		
no	2	2		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Creatinine

units: µmol/l
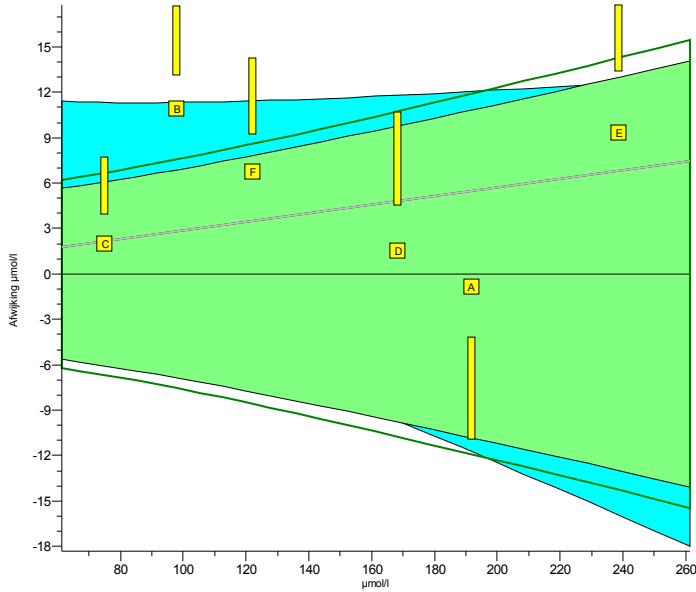
	2013.1	cumulative
Trueness	+3.3%	+3.3%
Precision	3.0%	3.0%
Number	6	6
Outliers	0	0
Sigma-TE	2.3	2.3
Sigma-SA	2.7 1	2.7 1
Score pictogram		
Regression line	0.0 + 1.028.x	0.0 + 1.028.x

Consensus group	Jaffe
Method	Alk. Picrate, kinetic with compensation

2013.1 A

	cons.	meth.	ref.	lab
mean	192.1	190.4	191.9	191
SD	7.6	9.4		
n	71	30		
no	2	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	102.9	101.0	98.11	109
SD	6.7	6.6		
n	71	30		
no	2	0		

2013.1 C

	cons.	meth.	exp.	lab
mean	78.9	79.1	75	77
SD	4.1	3.4		
n	71	30		
no	1	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	169.5	167.6	168.5	170
SD	7.4	10.0		
n	70	30		
no	1	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	236.9	234.2	238.7	248
SD	8.7	9.4		
n	72	31		
no	3	2		

2013.1 F

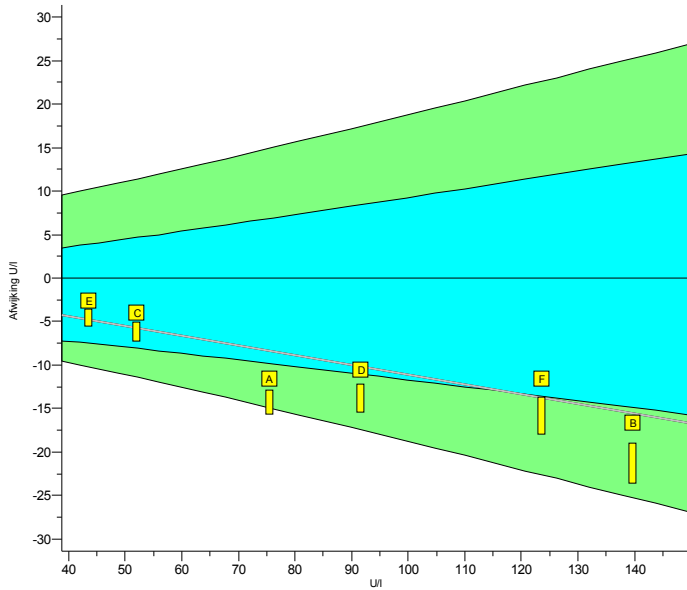|	cons.	meth.	ref.	lab
mean	124.9	123.5	122.3	129
SD	7.6	8.3		
n	72	31		
no	0	0		

Legend

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

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Gamma-GT	units: U/l

	2013.1	cumulative
Trueness	-11%	-11%
Precision	2.9%	2.9%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 2	6.0 2
Sigma-SA	1.2	1.2
Score pictogram		
Regression line	0.0 + 0.889.x	0.0 + 0.889.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable
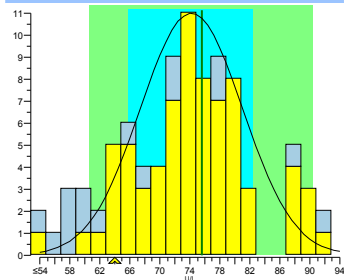
2013.1 A

	cons.	meth.	ref.	lab
mean	74.2	74.2	75.6	64
SD	6.8	6.8		
n	72	72		
no	1	1		

2013.1 B
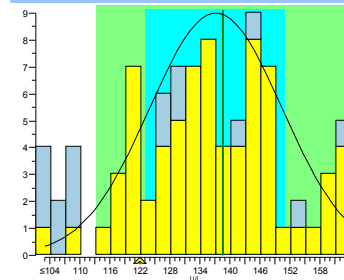
	cons.	meth.	ref.	lab
mean	138.2	138.2	139.7	123
SD	13.3	13.3		
n	72	72		
no	1	1		

2013.1 C
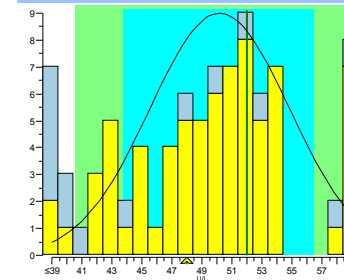
	cons.	meth.	exp.	lab
mean	50.2	50.2	52	48
SD	4.6	4.6		
n	72	72		
no	2	2		

2013.1 D
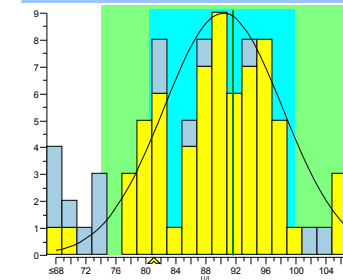
	cons.	meth.	ref.	lab
mean	90.3	90.3	91.6	81
SD	7.9	7.9		
n	71	71		
no	1	1		

2013.1 E
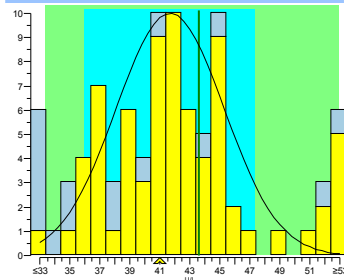
	cons.	meth.	ref.	lab
mean	41.7	41.7	43.6	41
SD	3.6	3.6		
n	73	73		
no	6	6		

2013.1 F
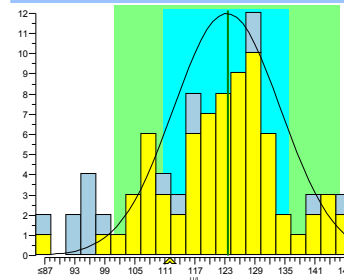
	cons.	meth.	ref.	lab
mean	123.4	123.4	123.6	112
SD	10.7	10.7		
n	73	73		
no	1	1		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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INPUtS 2013.1

Glucose	units: mmol/l
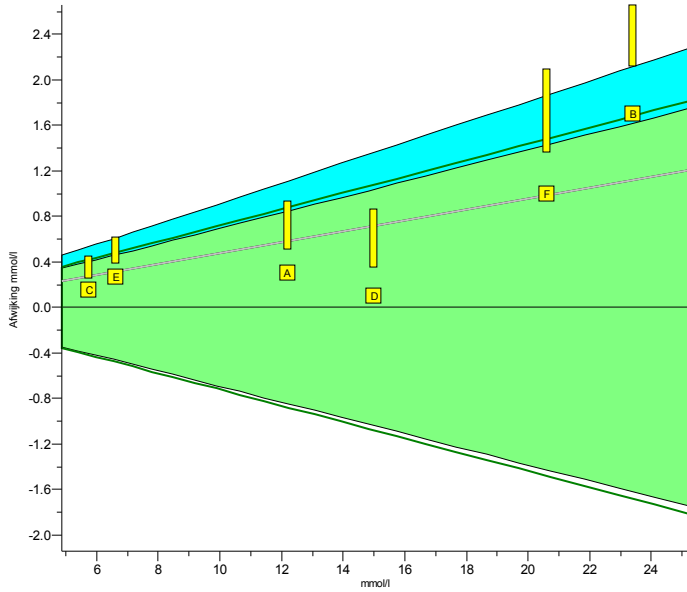
	2013.1	cumulative
Trueness	+4.2%	+4.2%
Precision	3.0%	3.0%
Number	6	6
Outliers	0	0
Sigma-TE	3.2	3.2
Sigma-SA	3.4 [1]	3.4 [1]
Score pictogram		
Regression line	0.00 + 1.048.x	0.00 + 1.048.x

Consensus group	Natte chemie
Method	Hexokinase, automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	12.44	12.44	12.2	12.5
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	25.1
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	5.9
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	15.1
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	6.9
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	21.6
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	-2.1%	-2.1%
Precision	1.5%	1.5%
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 + 0.976.x	0 + 0.976.x

Consensus group	IFCC traceerbaar
Method	IFCC traceable

2013.1 A

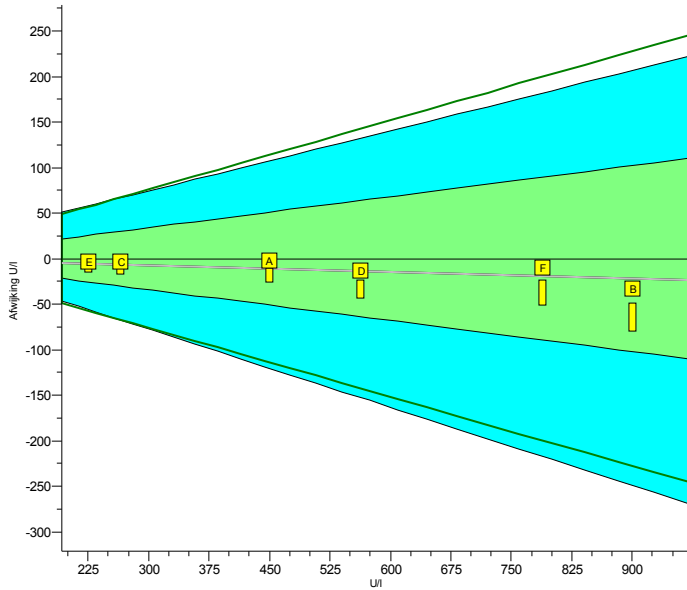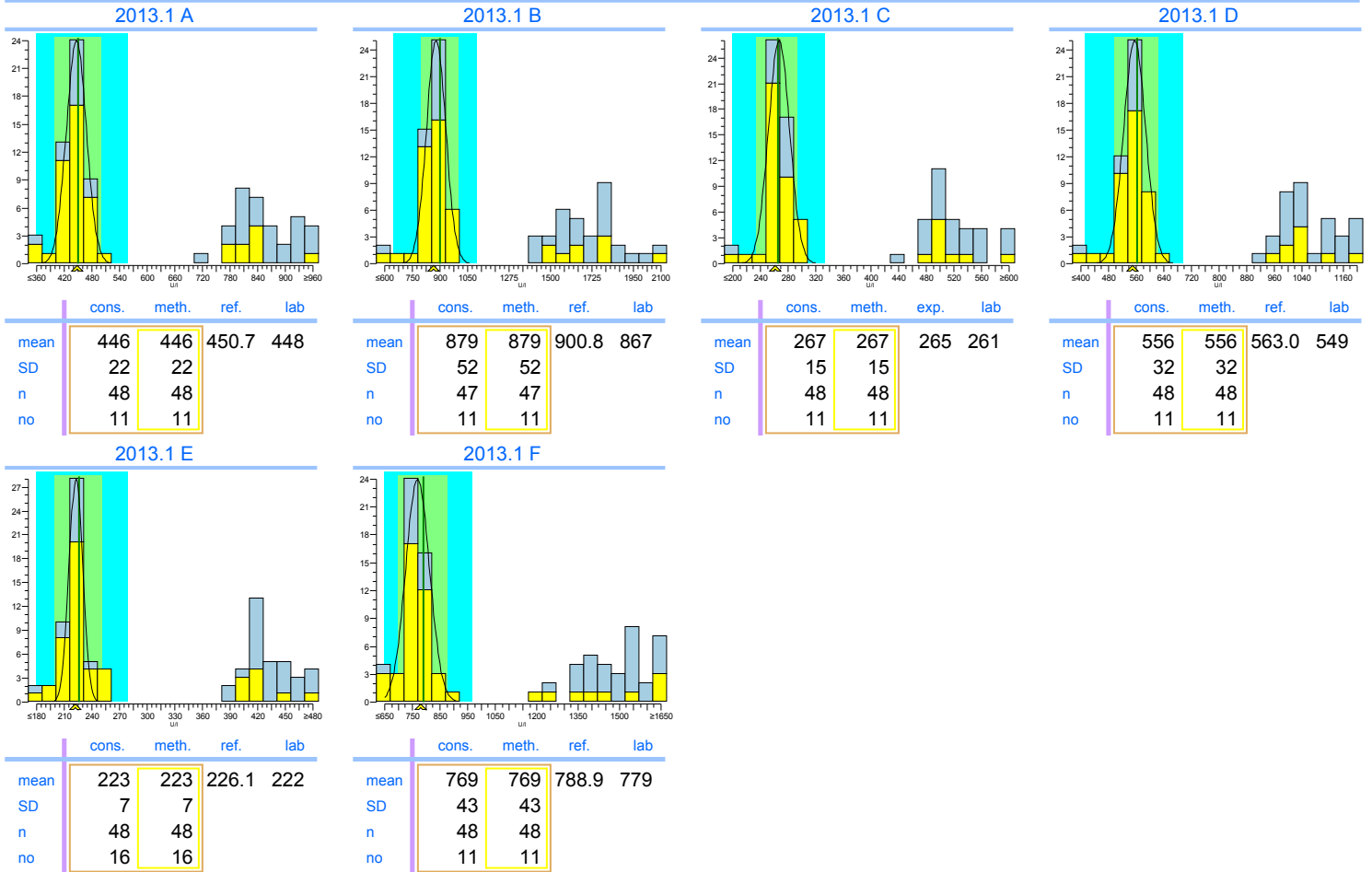|	cons.	meth.	ref.	lab
mean	446	446	450.7	448
SD	22	22		
n	48	48		
no	11	11		

2013.1 B

	cons.	meth.	ref.	lab
mean	879	879	900.8	867
SD	52	52		
n	47	47		
no	11	11		

2013.1 C

	cons.	meth.	exp.	lab
mean	267	267	265	261
SD	15	15		
n	48	48		
no	11	11		

2013.1 D

	cons.	meth.	ref.	lab
mean	556	556	563.0	549
SD	32	32		
n	48	48		
no	11	11		

2013.1 E

	cons.	meth.	ref.	lab
mean	223	223	226.1	222
SD	7	7		
n	48	48		
no	16	16		

2013.1 F

	cons.	meth.	ref.	lab
mean	769	769	788.9	779
SD	43	43		
n	48	48		
no	11	11		

Legend

☐ IFCC traceable   ☐ IFCC non-traceable

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Magnesium		units: mmol/l
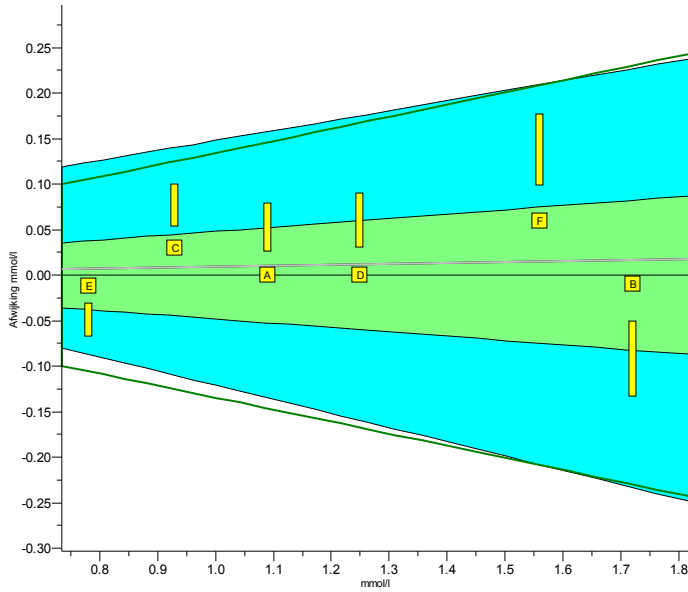
	2013.1	cumulative
Trueness	+0.93%	+0.93%
Precision	2.4%	2.4%
Number	6	6
Outliers	0	0
Sigma-TE	2.5	2.5
Sigma-SA	6.0 [2]	6.0 [2]
Score pictogram		
Regression line	0.00 + 1.010.x	0.00 + 1.010.x

Consensus group	Overall
Method	Other methods

2013.1 A

	cons.	meth.	ref.	lab
mean	1.11	1.11	1.09	1.09
SD	0.03	0.04		
n	85	12		
no	11	1		

2013.1 B

	cons.	meth.	ref.	lab
mean	1.71	1.72	1.72	1.71
SD	0.06	0.04		
n	85	12		
no	8	1		

2013.1 C

	cons.	meth.	exp.	lab
mean	0.94	0.95	0,93	0.96
SD	0.03	0.04		
n	85	12		
no	9	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	1.26	1.26	1.25	1.25
SD	0.04	0.05		
n	83	12		
no	9	1		

2013.1 E

	cons.	meth.	ref.	lab
mean	0.798	0.787	0.782	0.77
SD	0.031	0.028		
n	86	12		
no	13	2		

2013.1 F

	cons.	meth.	ref.	lab
mean	1.56	1.59	1.56	1.62
SD	0.05	0.05		
n	86	12		
no	7	1		

Legend

☐ Other methods   ☐ Colorimetric

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Potassium	units:	mmol/l
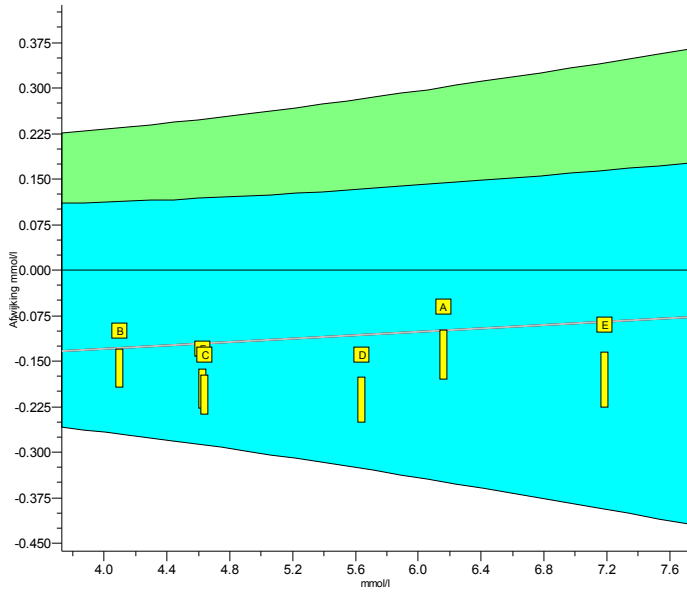
	2013.1	cumulative
Trueness	-2.0%	-2.0%
Precision	0.56%	0.56%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 [2]	6.0 [2]
Sigma-SA	4.5	4.5
Score pictogram		
Regression line	-0.18 + 1.014.x	-0.18 + 1.014.x

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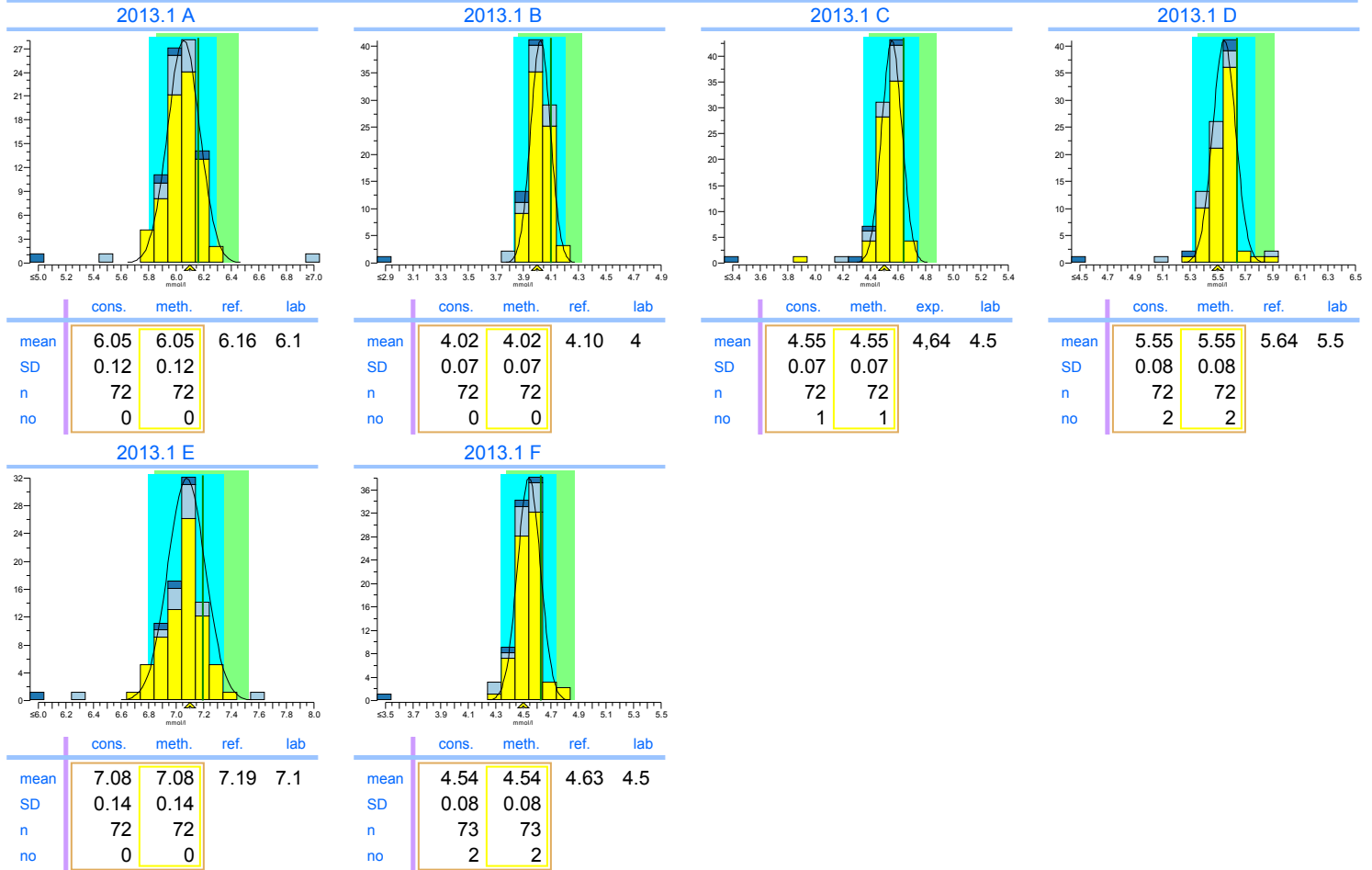
2013.1 A

	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
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	4.5
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
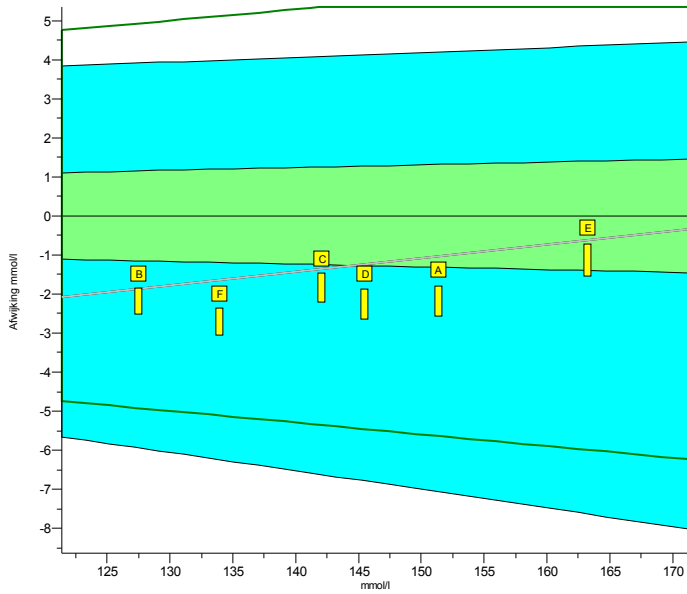
	2013.1	cumulative
Trueness	-0.90%	-0.90%
Precision	0.22%	0.22%
Number	6	6
Outliers	0	0
Sigma-TE	0.6	0.6
Sigma-SA	6.0 2	6.0 2
Score pictogram		
Regression line	-6.3 + 1.035.x	-6.3 + 1.035.x

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	126
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	141
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	163
SD	2.2	2.2		
n	72	72		
no	0	0		

2013.1 F

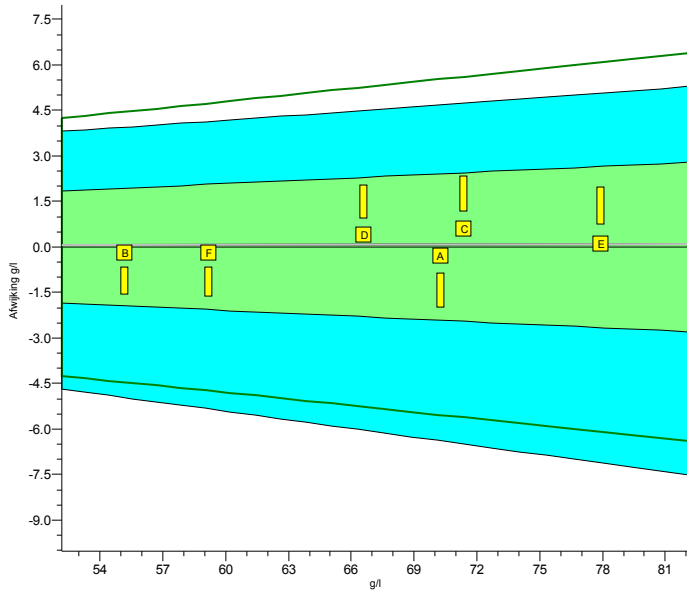|	cons.	meth.	ref.	lab
mean	132.8	132.8	134.0	132
SD	1.5	1.5		
n	73	73		
no	2	2		

Legend

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

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Total Protein

units: g/l

	2013.1	cumulative
Trueness	+0.10%	+0.10%
Precision	0.67%	0.67%
Number	6	6
Outliers	0	0
Sigma-TE	5.4	5.4
Sigma-SA	6.0 **2**	6.0 **2**
Score pictogram		
Regression line	0.0 + 1.001.x	0.0 + 1.001.x

Consensus group	Biureet
Method	Biurete, automatic

2013.1 A
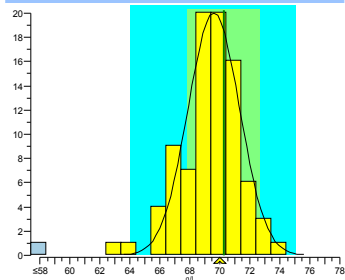
	cons.	meth.	ref.	lab
mean	69.6	69.6	70.3	70
SD	1.7	1.7		
n	88	88		
no	2	2		

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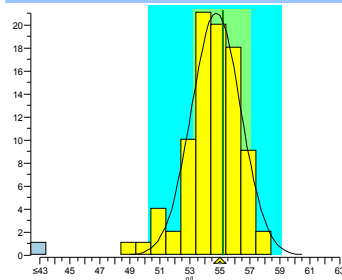
	cons.	meth.	ref.	lab
mean	54.8	54.8	55.2	55
SD	1.6	1.6		
n	88	88		
no	1	1		

2013.1 C
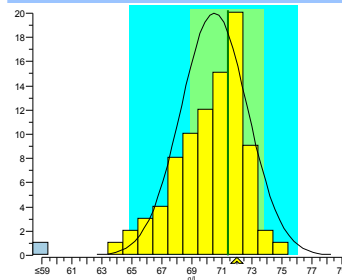
	cons.	meth.	exp.	lab
mean	70.5	70.5	71,4	72
SD	2.2	2.2		
n	87	87		
no	0	0		

2013.1 D
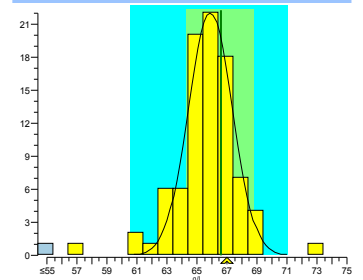
	cons.	meth.	ref.	lab
mean	65.9	65.9	66.6	67
SD	1.5	1.5		
n	88	88		
no	4	4		

2013.1 E
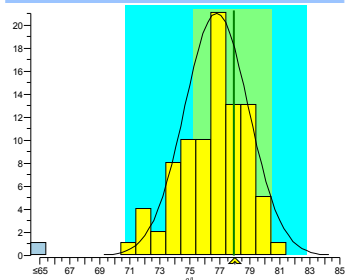
	cons.	meth.	ref.	lab
mean	76.8	76.8	77.9	78
SD	2.1	2.1		
n	88	88		
no	0	0		

2013.1 F
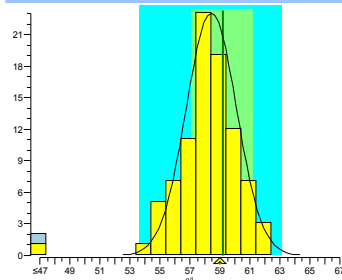
	cons.	meth.	ref.	lab
mean	58.4	58.4	59.2	59
SD	1.7	1.7		
n	89	89		
no	1	1		

Legend

Biurete, automatic   Other methods

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Urate		units: µmol/l
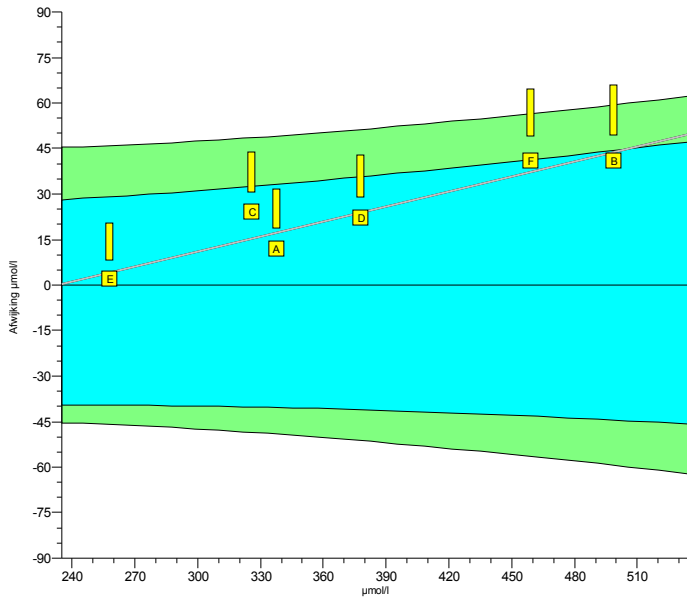
	2013.1	cumulative
Trueness	+6.3%	+6.3%
Precision	1.5%	1.5%
Number	6	6
Outliers	0	0
Sigma-TE	6.0 [2]	6.0 [2]
Sigma-SA	3.7	3.7
Score pictogram		
Regression line	0 + 1.164.x	0 + 1.164.x

Consensus group	Colorimetrisch
Method	Uricase, colorim., automatic

2013.1 A

	cons.	meth.	ref.	lab
mean	334	334	0.338	350
SD	12	12		
n	88	72		
no	18	2		

2013.1 B

	cons.	meth.	ref.	lab
mean	499	499	0.499	540
SD	20	20		
n	88	72		
no	18	2		

2013.1 C

	cons.	meth.	exp.	lab
mean	321	321	0,326	350
SD	11	11		
n	87	71		
no	18	2		

2013.1 D

	cons.	meth.	ref.	lab
mean	376	376	0.378	400
SD	14	14		
n	88	73		
no	17	2		

2013.1 E

	cons.	meth.	ref.	lab
mean	253	253	0.258	260
SD	11	11		
n	89	73		
no	18	2		

2013.1 F

	cons.	meth.	ref.	lab
mean	459	459	0.459	500
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**
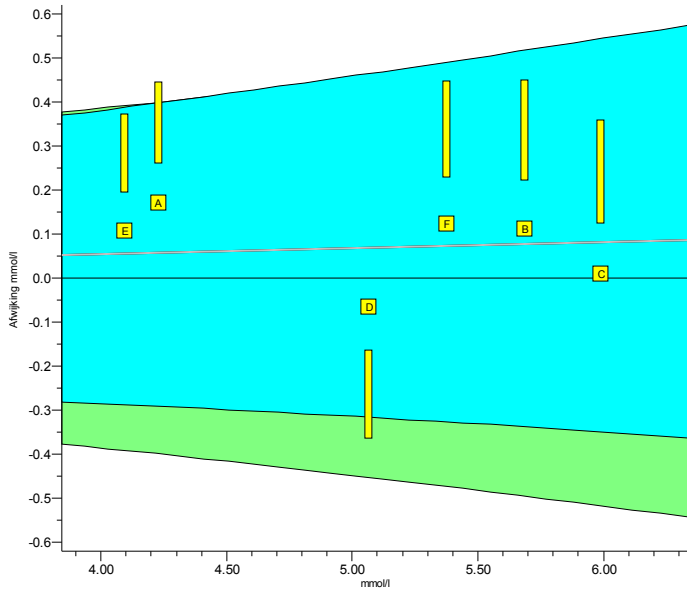
	2013.1	cumulative
Trueness	+1.5%	+1.5%
Precision	1.8%	1.8%
Number	6	6
Outliers	0	0
Sigma-TE	5.1 2	5.1 2
Sigma-SA	4.3	4.3
Score pictogram		
Regression line	0.00 + 1.014.x	0.00 + 1.014.x

Consensus group	Enzymatisch
Method	Enzymatic, automatic, discrete

2013.1 A

	cons.	meth.	ref.	lab
mean	4.28	4.28	4.230	4.4
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	5.8
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	4.2
SD	0.11	0.13		
n	84	65		
no	0	0		

2013.1 F

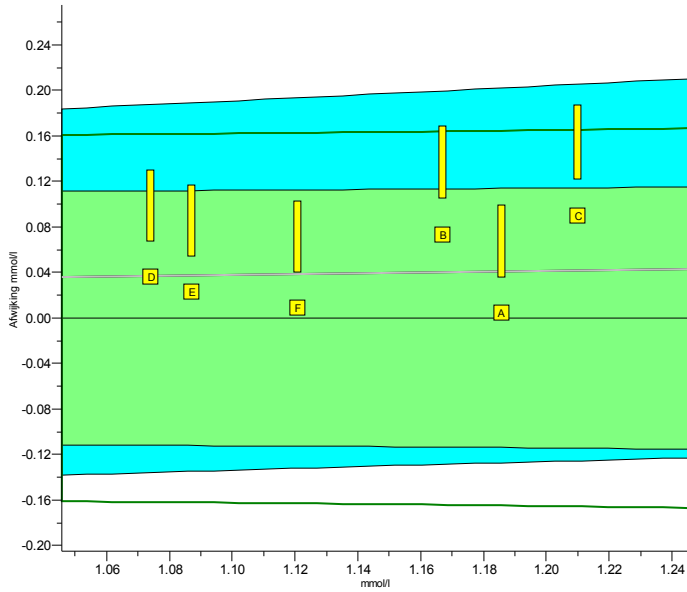|	cons.	meth.	ref.	lab
mean	5.46	5.45	5.377	5.5
SD	0.15	0.16		
n	84	65		
no	2	2		

Legend

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

SKML
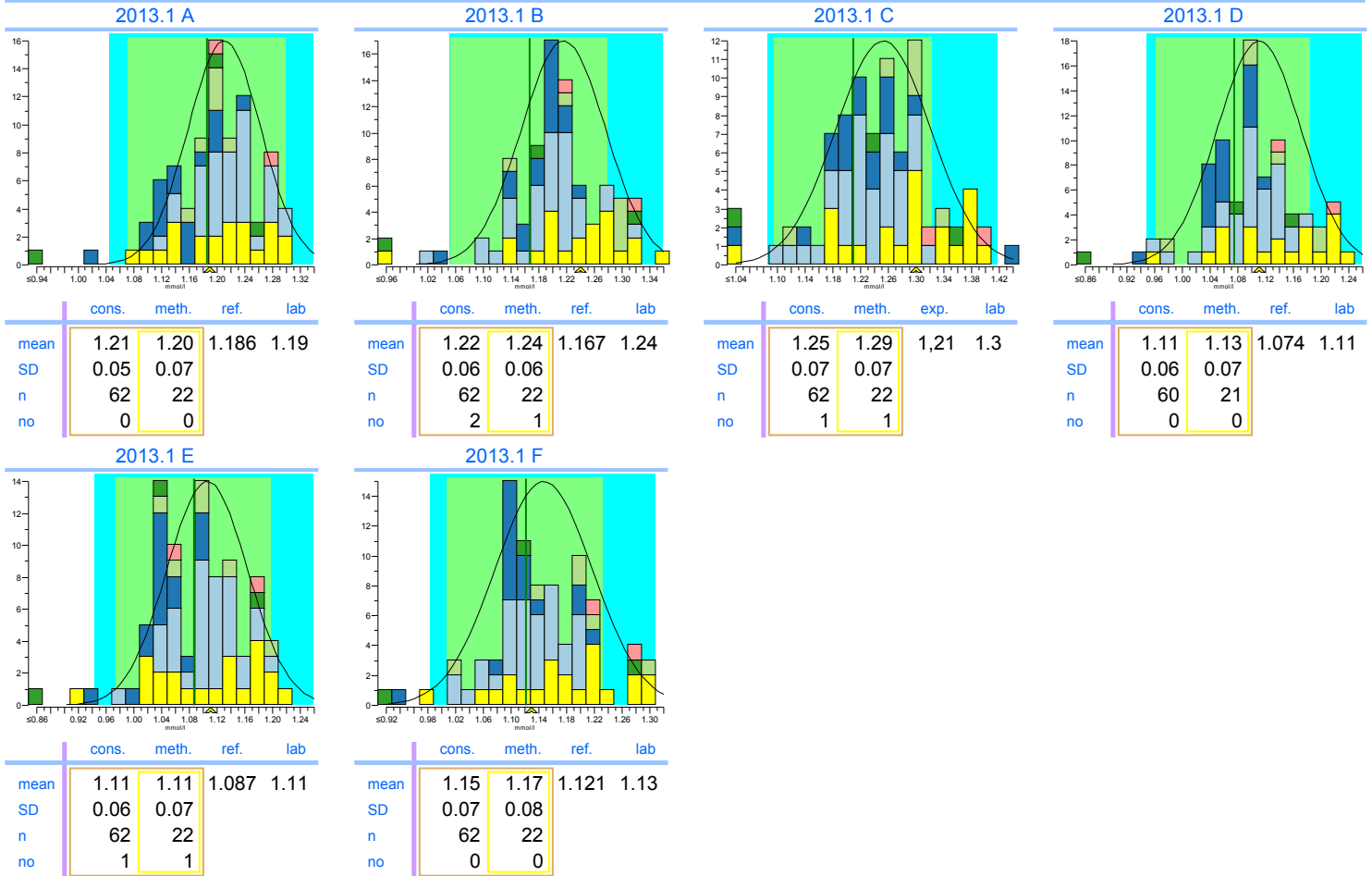Stichting Kwaliteitsbewaking
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HDL-Cholesterol		units: **mmol/l**

	2013.1	cumulative
Trueness	+3.4%	+3.4%
Precision	2.2%	2.2%
Number	6	6
Outliers	0	0
Sigma-TE	3.7	3.7
Sigma-SA	5.7 ▪2	5.7 ▪2
Score pictogram		
Regression line	0.00 + 1.035.x	0.00 + 1.035.x

Consensus group	Direct
Method	Accelerator Selective Detergent (="Ultra HDL")

2013.1 A

	cons.	meth.	ref.	lab
mean	1.21	1.20	1.186	1.19
SD	0.05	0.07		
n	62	22		
no	0	0		

2013.1 B

	cons.	meth.	ref.	lab
mean	1.22	1.24	1.167	1.24
SD	0.06	0.06		
n	62	22		
no	2	1		

2013.1 C

	cons.	meth.	exp.	lab
mean	1.25	1.29	1,21	1.3
SD	0.07	0.07		
n	62	22		
no	1	1		

2013.1 D

	cons.	meth.	ref.	lab
mean	1.11	1.13	1.074	1.11
SD	0.06	0.07		
n	60	21		
no	0	0		

2013.1 E

	cons.	meth.	ref.	lab
mean	1.11	1.11	1.087	1.11
SD	0.06	0.07		
n	62	22		
no	1	1		

2013.1 F

	cons.	meth.	ref.	lab
mean	1.15	1.17	1.121	1.13
SD	0.07	0.08		
n	62	22		
no	0	0		

Legend

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