

Method X: MYO Sentinel

Method Y: MYO Siemens

Method X: MYO Sentinel µg/l
 Method Y: MYO Siemens µg/l
 Sample Size: 73

Instrument: ADVIA
 Instrument: ADVIA

Descriptive Statistics

	X	Y	Y-X	(Y - X)% of X
Median	61,240	88,350	27,580	46,6
Mean	84,378	124,381	40,003	46,3
Minimum	13,450	20,300	5,870	35,0
Maximum	279,680	408,910	129,230	59,0
68% Median Distance	38,570	55,450	17,680	4,2
Standard Deviation	66,329	99,812	33,583	4,3

Differences

Medians	44,268
Means	47,409

Regression and Correlation Analysis

Coefficients of Correlation: $r = 0,999$ $\tau = 0,967$

slope b intercept a lower limit upper limit

Structural Relationship Model:

Passing/Bablok (P/B)	1,488 *	-0,999 *		
95% Confidence Region for b (P/B)			1,474	1,502
95% Confidence Region for a (P/B)			-1,942	-0,199
Std. Principal Component (SPC)	1,505 *	-2,590		

Linear Model:

Least Squares Regression	1,504	-2,525
Theil Regression	1,486	-0,962

Dispersion of Residuals:

Passing/Bablok Regression	md(68) = 1,319	md(95) = 4,534
Std. Principal Component		SE = 1,929

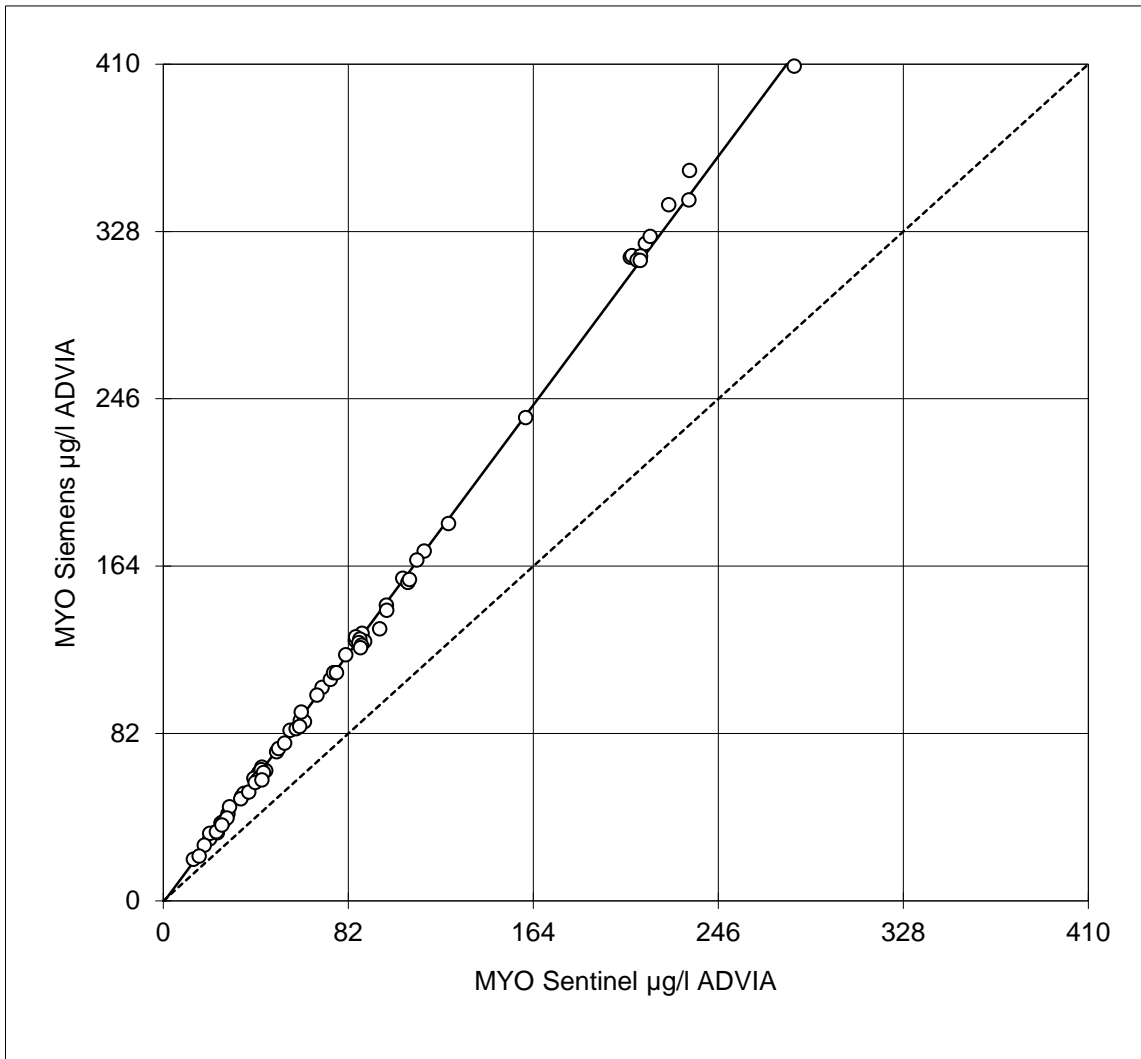
Data Assessment

Cusum test for linearity shows no significant deviation from linearity.

* indicates significant difference (rejection of null-hypothesis, $\gamma = 0.05$ for slope or intercept from P/B and for slope from SPC).

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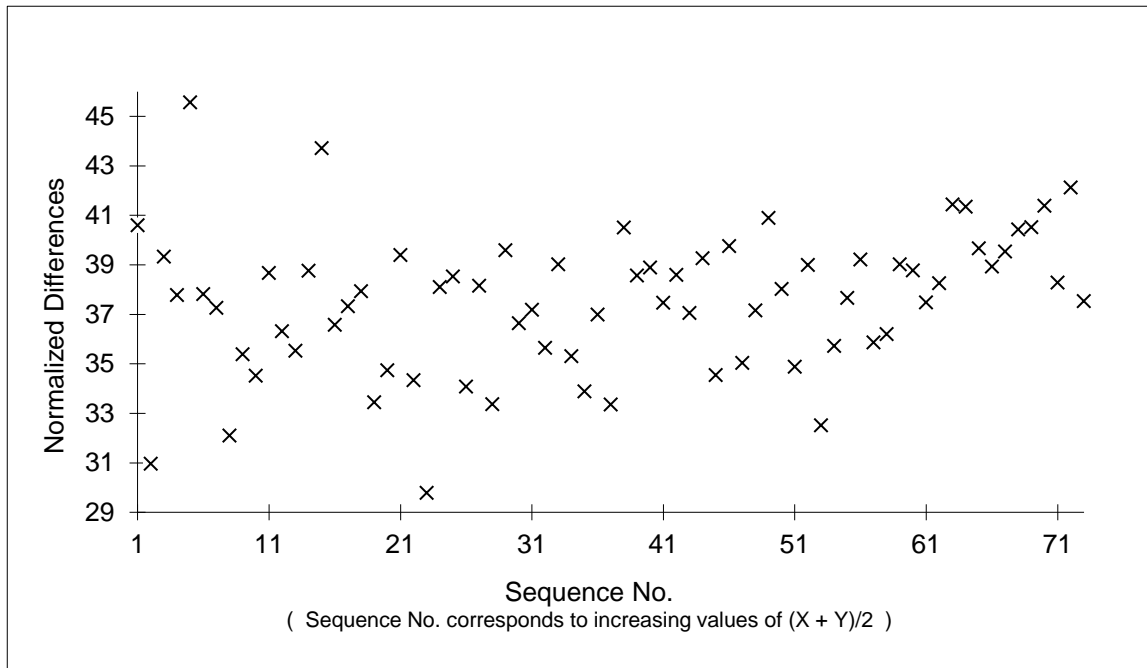
P/B Regression
 $Y = 1.488 * X - 0.999$
 $md(95) = 4.534$
 $N = 73, r = 0.999$

Statistics	Method X: MYO Sentinel µg/l	Method Y: MYO Siemens µg/l
N	73	73
Mean	84,378	124,381
Median	61,240	88,350
Minimum	13,450	20,300
Maximum	279,680	408,910
Range	266,230	388,610

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Difference Plot
(Normalized Differences)



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Serial Number	Sample Values			(Y - X)% of X	Normalized Difference (%)
	X	Y	Y - X		
1	98,94	144,84	45,9	46,4	37,7
2	22,45	32,92	10,47	46,6	37,8
3	160,67	236,68	76,01	47,3	38,3
5	70,42	104,42	34,0	48,3	38,9
6	20,7	30,34	9,64	46,6	37,8
7	56,25	83,52	27,27	48,5	39,0
8	42,21	62,08	19,87	47,1	38,1
9	22,89	33,37	10,48	45,8	37,3
10	80,95	120,5	39,55	48,9	39,3
11	20,68	32,88	12,2	59,0	45,6
12	74,19	108,4	34,21	46,1	37,5
13	43,82	65,45	21,63	49,4	39,6
14	42,46	62,72	20,26	47,7	38,5
15	18,22	27,14	8,92	49,0	39,3
16	75,61	111,77	36,16	47,8	38,6
17	233,32	357,82	124,5	53,4	42,1
19	106,23	158,04	51,81	48,8	39,2
20	68,14	100,69	32,55	47,8	38,6
21	28,73	42,54	13,81	48,1	38,8
23	40,26	60,01	19,75	49,1	39,4
24	233,02	343,36	110,34	47,4	38,3
25	45,45	63,65	18,2	40,0	33,4
26	279,68	408,91	129,23	46,2	37,5
28	126,43	184,75	58,32	46,1	37,5
29	43,57	64,11	20,54	47,1	38,2
30	34,93	50,96	16,03	45,9	37,3
31	29,5	46,0	16,5	55,9	43,7
32	60,77	88,35	27,58	45,4	37,0
33	62,64	87,71	25,07	40,0	33,3
34	76,81	111,74	34,93	45,5	37,1
35	13,45	20,3	6,85	50,9	40,6
36	115,67	171,31	55,64	48,1	38,8
37	108,47	155,87	47,4	43,7	35,9
38	61,24	92,35	31,11	50,8	40,5
39	35,79	52,54	16,75	46,8	37,9
40	50,39	72,99	22,6	44,9	36,6
42	112,39	166,87	54,48	48,5	39,0
44	25,7	38,02	12,32	47,9	38,7
45	58,95	84,22	25,27	42,9	35,3
46	34,43	49,84	15,41	44,8	36,6
47	109,12	157,34	48,22	44,2	36,2
48	51,12	74,47	23,35	45,7	37,2
49	26,91	38,85	11,94	44,4	36,3
51	37,97	53,22	15,25	40,2	33,4
52	24,03	33,22	9,19	38,2	32,1
53	41,91	59,28	17,37	41,4	34,3
54	95,99	133,26	37,27	38,8	32,5
55	23,63	33,79	10,16	43,0	35,4

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Serial Number	Sample Values			(Y - X)% of X	Normalized Difference (%)
	X	Y	Y - X		
57	44,47	62,74	18,27	41,1	34,1
58	40,81	57,97	17,16	42,0	34,7
59	99,18	142,32	43,14	43,5	35,7
60	53,89	77,26	23,37	43,4	35,6
61	16,02	21,89	5,87	36,6	31,0
62	60,59	85,31	24,72	40,8	33,9
63	43,83	59,17	15,34	35,0	29,8
64	28,29	40,51	12,22	43,2	35,5
65	26,1	36,99	10,89	41,7	34,5
76	88,22	130,95	42,73	48,4	39,0
77	85,22	127,5	42,28	49,6	39,8
78	85,41	129,31	43,9	51,4	40,9
79	89,29	127,02	37,73	42,3	34,9
80	87,23	128,18	40,95	46,9	38,0
81	86,82	126,44	39,62	45,6	37,2
82	213,73	322,02	108,29	50,7	40,4
83	215,84	325,53	109,69	50,8	40,5
84	207,1	315,32	108,22	52,3	41,4
85	224,08	340,99	116,91	52,2	41,4
86	207,81	316,12	108,31	52,1	41,3
87	211,66	315,95	104,29	49,3	39,5
88	210,05	313,98	103,93	49,5	39,7
89	211,49	313,71	102,22	48,3	38,9
90	87,9	125,24	37,34	42,5	35,0
91	87,47	124,0	36,53	41,8	34,5