

Method X:

Method Y:

Method X: ng/ml

Instrument:

Method Y: ng/ml

Instrument:

Sample Size: 40

Descriptive Statistics

	X	Y	Y-X	(Y - X)% of X
Median	72,500	64,000	-6,500	-10,4
Mean	82,275	74,583	-7,692	-13,6
Minimum	29,000	16,210	-40,000	-51,3
Maximum	185,000	190,000	9,160	5,9
68% Median Distance	26,000	30,965	8,170	14,1
Standard Deviation	35,844	41,867	9,083	15,3

Differences

Medians	-11,724
Means	-9,349

Regression and Correlation Analysis**Coefficients of Correlation:** $r = 0,985$ $\tau = 0,877$

	slope b	intercept a	lower limit	upper limit
Structural Relationship Model:				
Passing/Bablok (P/B)	1,190 *	-22,972 *		
95% Confidence Region for b (P/B)			1,139	1,259
95% Confidence Region for a (P/B)			-27,739	-19,346
Std. Principal Component (SPC)	1,168 *	-21,516		

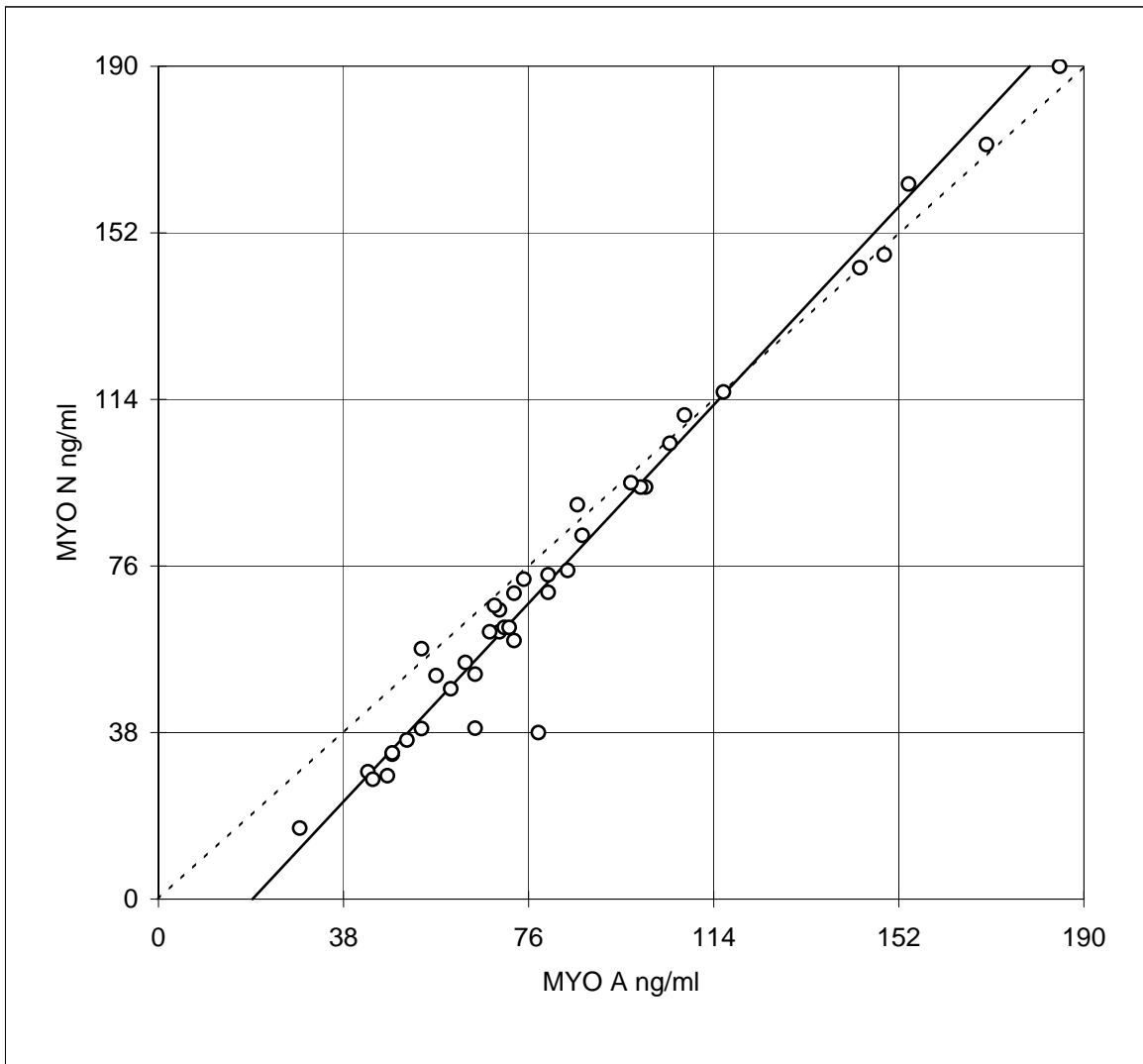
Linear Model:

Least Squares Regression	1,150	-20,036
Theil Regression	1,166	-21,234

Dispersion of Residuals:

Method X:

Method Y:



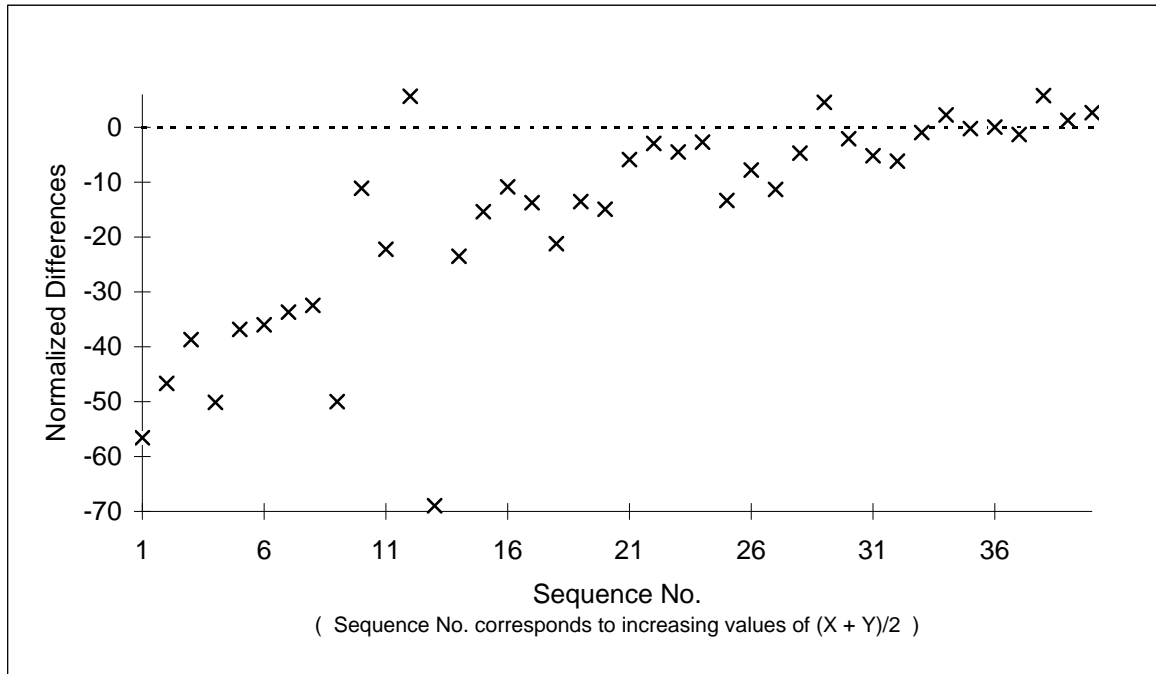
P/B Regression
 $Y = 1.190 * X - 22.972$
 $r^2(95) = 10.045$

	Method Y:	Method Y:
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Method X:

Method Y:

Difference Plot
(Normalized Differences)



Method X:

Method Y:

Serial Number	Sample Values			(Y - X)% of X	Normalized Difference (%)
	X	Y	Y - X		
1	48,0	33,07	-14,93	-31,1	-36,8
2	47,0	28,16	-18,84	-40,1	-50,1
3	54,0	38,92	-15,08	-27,9	-32,5
4	65,0	51,33	-13,67	-21,0	-23,5
5	43,0	29,06	-13,94	-32,4	-38,7
6	48,0	33,36	-14,64	-30,5	-36,0
7	73,0	69,79	-3,21	-4,4	-4,5
8	51,0	36,3	-14,7	-28,8	-33,7
9	44,0	27,35	-16,65	-37,8	-46,7
10	54,0	57,14	3,14	5,8	5,7
11	105,0	104,0	-1,0	-1,0	-1,0
12	116,0	115,72	-0,28	-0,2	-0,2
13	149,0	147,06	-1,94	-1,3	-1,3
14	108,0	110,45	2,45	2,3	2,2
15	144,0	144,06	0,06	0,0	0,0
16	100,0	94,01	-5,99	-6,0	-6,2
17	154,0	163,16	9,16	5,9	5,8
18	170,0	172,16	2,16	1,3	1,3
20	185,0	190,0	5,0	2,7	2,7
24	29,0	16,21	-12,79	-44,1	-56,6
51	99,0	94,0	-5,0	-5,1	-5,2
52	78,0	38,0	-40,0	-51,3	-69,0
53	86,0	90,0	4,0	4,7	4,5
54	57,0	51,0	-6,0	-10,5	-11,1
55	80,0	74,0	-6,0	-7,5	-7,8
56	73,0	59,0	-14,0	-19,2	-21,2
57	80,0	70,0	-10,0	-12,5	-13,3
58	97,0	95,0	-2,0	-2,1	-2,1
59	60,0	48,0	-12,0	-20,0	-22,2
60	70,0	61,0	-9,0	-12,9	-13,7
61	84,0	75,0	-9,0	-10,7	-11,3
62	87,0	83,0	-4,0	-4,6	-4,7
63	63,0	54,0	-9,0	-14,3	-15,4
64	68,0	61,0	-7,0	-10,3	-10,9
65	70,0	66,0	-4,0	-5,7	-5,9
66	69,0	67,0	-2,0	-2,9	-2,9
67	71,0	62,0	-9,0	-12,7	-13,5
68	75,0	73,0	-2,0	-2,7	-2,7
69	72,0	62,0	-10,0	-13,9	-14,9
70	65,0	39,0	-26,0	-40,0	-50,0