

Method X:

Method Y:

Method X: FIBR mg/dl

Instrument: BCS xp

Method Y: FIBR mg/dl

Instrument: CS 5100

Sample Size: 62

Descriptive Statistics

	X	Y	Y-X	(Y - X)% of X
Median	391,000	360,300	-57,650	-12,7
Mean	427,339	369,598	-57,740	-13,1
Minimum	96,000	94,800	-145,000	-32,2
Maximum	1.000,000	886,900	34,800	9,0
68% Median Distance	166,500	132,700	42,850	8,4
Standard Deviation	176,289	153,110	40,503	8,2

Differences

Medians	-7,852
Means	-13,512

Regression and Correlation Analysis**Coefficients of Correlation:** $r = 0,980$ $\tau = 0,870$

	slope b	intercept a	lower limit	upper limit
Structural Relationship Model:				
Passing/Bablok (P/B)	0,867 *	2,578		
95% Confidence Region for b (P/B)			0,817	0,912
95% Confidence Region for a (P/B)			-15,123	22,367
Std. Principal Component (SPC)	0,869 *	-1,551		

Linear Model:

Least Squares Regression	0,851	6,034
Theil Regression	0,852	7,700

Dispersion of Residuals:

Passing/Bablok Regression	md(68) = 22,662	md(95) = 45,282
Std. Principal Component		SE = 23,798

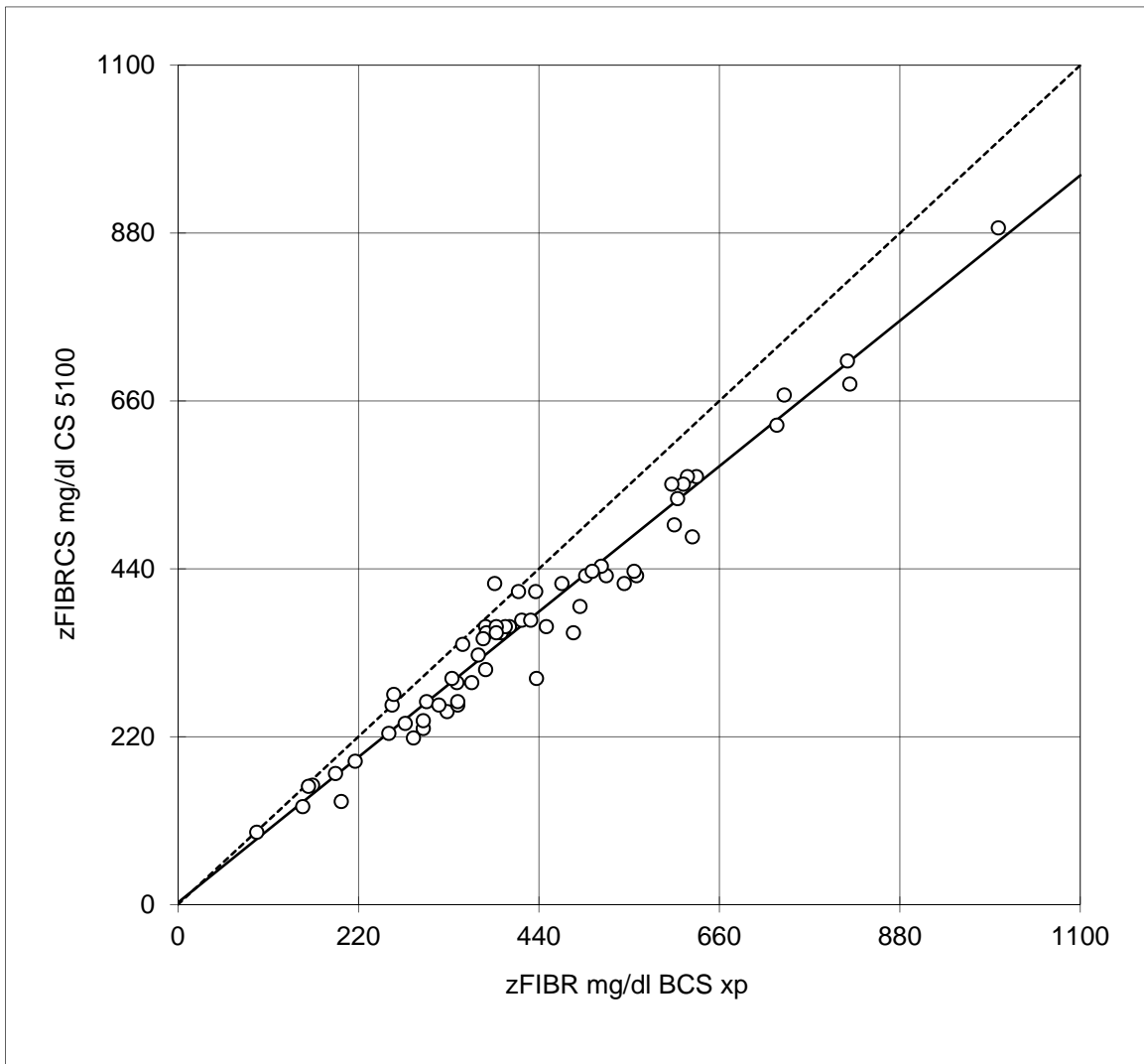
Data Assessment

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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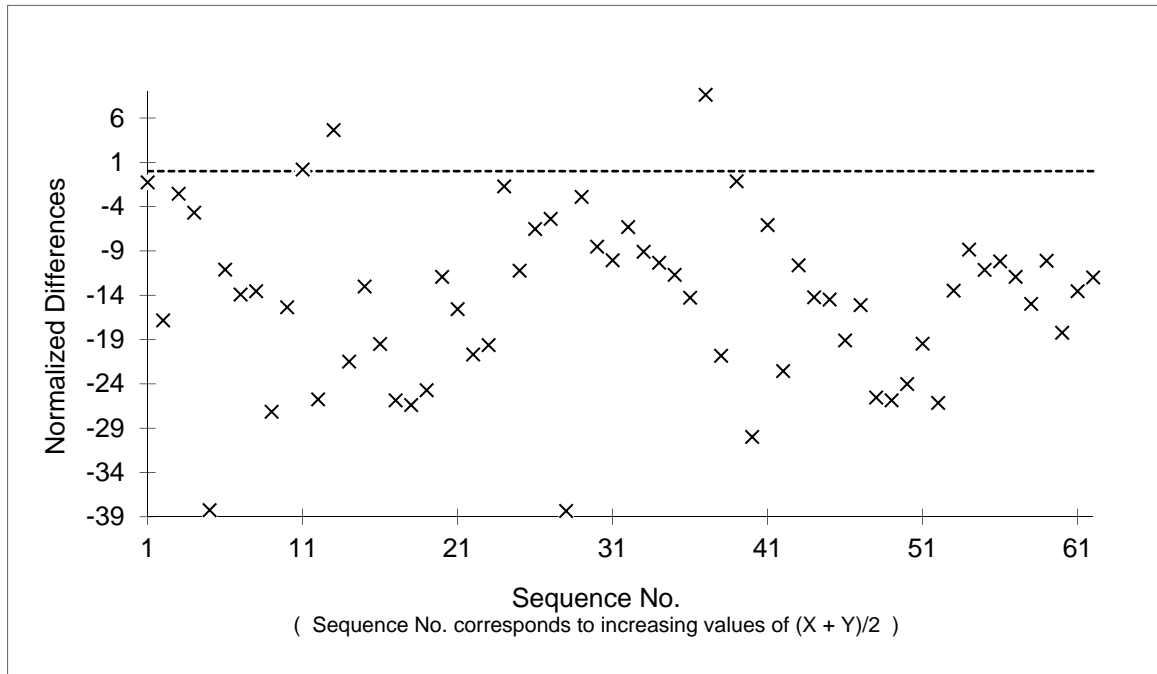
P/B Regression
 $Y = 0.867 * X + 2.578$
 md(95) = 45.282
 N = 62, r = 0.980

Statistics	Method X: FIBR mg/dl	Method Y: FIBR mg/dl
N	62	62
Mean	427,339	369,598
Median	391,000	360,300
Minimum	96,000	94,800
Maximum	1.000,000	886,900
Range	904,000	792,100

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Difference Plot
(Normalized Differences)



Method X:

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Serial Number	Sample Values			(Y - X)% of X	Normalized Difference (%)
	X	Y	Y - X		
86	816,0	712,5	-103,5	-12,7	-13,5
87	522,0	431,0	-91,0	-17,4	-19,1
88	386,0	420,8	34,8	9,0	8,6
89	96,0	94,8	-1,2	-1,2	-1,3
90	632,0	560,9	-71,1	-11,2	-11,9
91	164,0	156,5	-7,5	-4,6	-4,7
92	468,0	420,8	-47,2	-10,1	-10,6
94	609,0	532,1	-76,9	-12,6	-13,5
96	819,0	682,2	-136,8	-16,7	-18,2
97	739,0	667,9	-71,1	-9,6	-10,1
98	192,0	171,8	-20,2	-10,5	-11,1
99	621,0	560,9	-60,1	-9,7	-10,2
101	616,0	551,0	-65,0	-10,6	-11,1
102	730,0	628,3	-101,7	-13,9	-15,0
103	419,0	372,7	-46,3	-11,1	-11,7
104	394,0	356,3	-37,7	-9,6	-10,0
105	516,0	443,5	-72,5	-14,1	-15,1
106	559,0	431,0	-128,0	-22,9	-25,9
107	449,0	364,3	-84,7	-18,9	-20,8
108	430,0	372,7	-57,3	-13,3	-14,3
109	375,0	308,0	-67,0	-17,9	-19,6
110	544,0	420,8	-123,2	-22,6	-25,5
111	497,0	431,0	-66,0	-13,3	-14,2
112	404,0	364,3	-39,7	-9,8	-10,3
113	375,0	364,3	-10,7	-2,9	-2,9
114	199,0	135,1	-63,9	-32,1	-38,3
115	328,0	252,9	-75,1	-22,9	-25,9
116	437,0	296,4	-140,6	-32,2	-38,3
117	303,0	266,0	-37,0	-12,2	-13,0
118	376,0	356,3	-19,7	-5,2	-5,4
119	399,0	364,3	-34,7	-8,7	-9,1
120	556,0	436,8	-119,2	-21,4	-24,0
121	159,0	155,0	-4,0	-2,5	-2,5
122	436,0	410,3	-25,7	-5,9	-6,1
123	505,0	436,8	-68,2	-13,5	-14,5
124	261,0	261,5	0,5	0,2	0,2
125	287,0	218,4	-68,6	-23,9	-27,1
126	388,0	364,3	-23,7	-6,1	-6,3
127	263,0	275,5	12,5	4,8	4,6
128	277,0	237,5	-39,5	-14,3	-15,4
129	341,0	261,5	-79,5	-23,3	-26,4
130	482,0	356,3	-125,7	-26,1	-30,0
131	490,0	390,7	-99,3	-20,3	-22,6
132	341,0	266,0	-75,0	-22,0	-24,7
133	605,0	497,7	-107,3	-17,7	-19,5
134	602,0	551,0	-51,0	-8,5	-8,8
135	388,0	356,3	-31,7	-8,2	-8,5

Method X:

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Sample Values					
Serial Number	X	Y	Y - X	(Y - X)% of X	Normalized Difference (%)
136	318,0	261,5	-56,5	-17,8	-19,5
137	415,0	410,3	-4,7	-1,1	-1,1
138	257,0	224,4	-32,6	-12,7	-13,5
139	358,0	290,9	-67,1	-18,7	-20,7
140	627,0	482,0	-145,0	-23,1	-26,1
141	1.000,0	886,9	-113,1	-11,3	-12,0
142	372,0	348,5	-23,5	-6,3	-6,5
143	340,0	290,9	-49,1	-14,4	-15,6
144	216,0	187,9	-28,1	-13,0	-13,9
145	299,0	230,8	-68,2	-22,8	-25,7
146	347,0	341,1	-5,9	-1,7	-1,7
147	334,0	296,4	-37,6	-11,3	-11,9
148	366,0	327,1	-38,9	-10,6	-11,2
149	299,0	241,0	-58,0	-19,4	-21,5
150	152,0	128,4	-23,6	-15,5	-16,8