

Method X:

Method Y:

| | |
|-----------------|-------------------|
| Method X: ng/ml | Instrument: E 170 |
| Method Y: ng/ml | Instrument: E 170 |
| Sample Size: 47 | |

Descriptive Statistics

| | X | Y | Y-X | (Y - X)% of X |
|---------------------|--------|--------|---------|---------------|
| Median | 21,900 | 18,130 | -3,740 | -16,0 |
| Mean | 22,166 | 19,007 | -3,159 | -15,1 |
| Minimum | 4,500 | 4,000 | -15,500 | -61,2 |
| Maximum | 39,700 | 47,090 | 10,860 | 119,3 |
| 68% Median Distance | 8,550 | 9,375 | 4,345 | 18,1 |
| Standard Deviation | 8,408 | 9,737 | 4,902 | 28,0 |

Differences

| | |
|---------|---------|
| Medians | -17,215 |
| Means | -14,250 |

Regression and Correlation Analysis

Coefficients of Correlation: $r = 0,864$ $\tau = 0,676$

| | slope b | intercept a | lower limit | upper limit |
|---------------------------------------|---------|-------------|-------------|-------------|
| Structural Relationship Model: | | | | |
| Passing/Bablok (P/B) | 1,101 | -6,126 * | | |
| 95% Confidence Region for b (P/B) | | | 0,954 | 1,310 |
| 95% Confidence Region for a (P/B) | | | -9,682 | -2,974 |
| Std. Principal Component (SPC) | 1,158 | -6,662 | | |

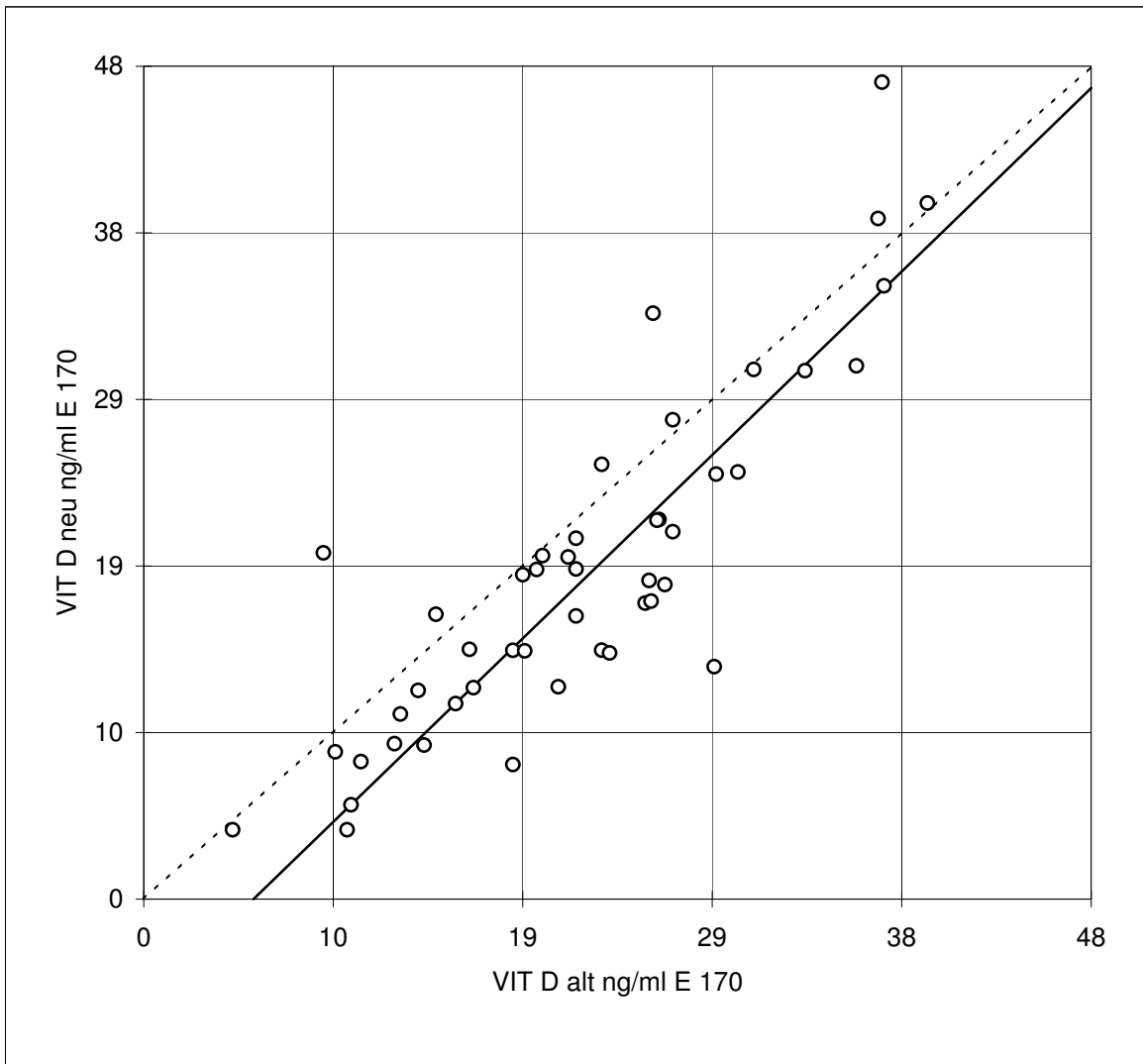
Linear Model:

| | | |
|--------------------------|-------|--------|
| Least Squares Regression | 1,001 | -3,171 |
| Theil Regression | 0,995 | -3,673 |

Dispersion of Residuals:

Method X:

Method Y:



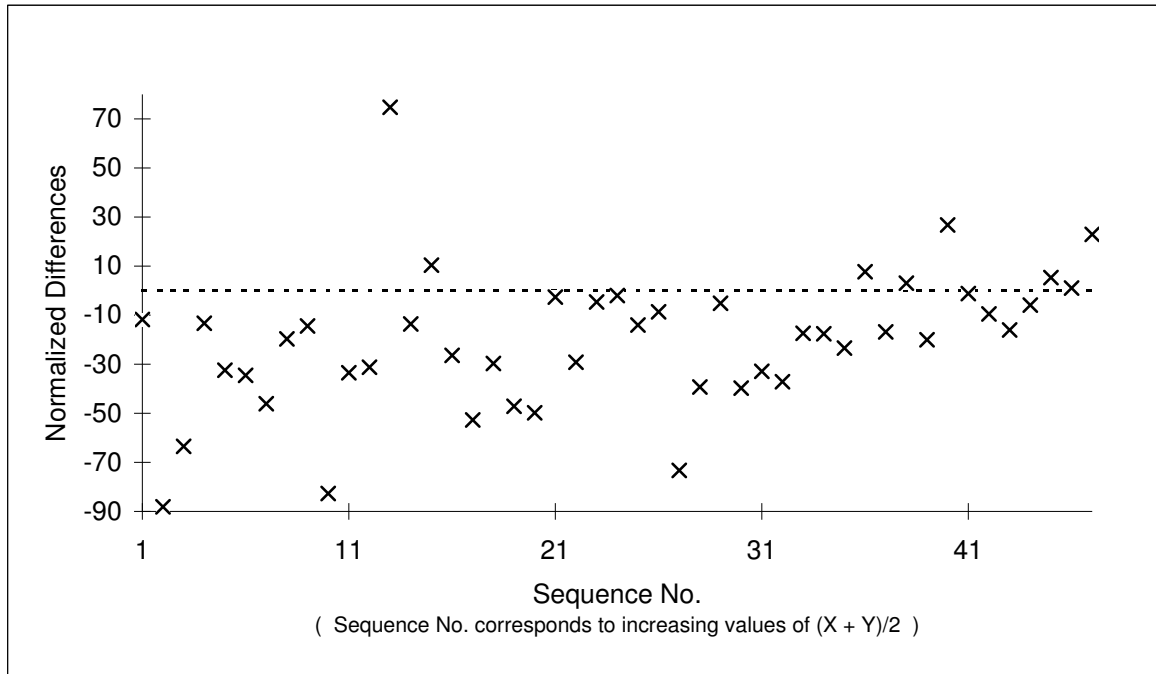
P/B Regression
 $Y = 1.101 * X - 6.126$
r=0.97

| | | |
|--|-----------|-----------|
| | Method Y: | Method Y: |
|--|-----------|-----------|

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 | 18,7 | 7,76 | -10,94 | -58,5 | -82,7 |
| 2 | 28,9 | 13,4 | -15,5 | -53,6 | -73,3 |
| 3 | 26,4 | 18,13 | -8,27 | -31,3 | -37,1 |
| 4 | 16,7 | 12,19 | -4,51 | -27,0 | -31,2 |
| 5 | 11,0 | 7,93 | -3,07 | -27,9 | -32,4 |
| 6 | 18,7 | 14,34 | -4,36 | -23,3 | -26,4 |
| 7 | 26,8 | 27,63 | 0,83 | 3,1 | 3,0 |
| 8 | 15,8 | 11,27 | -4,53 | -28,7 | -33,5 |
| 9 | 21,9 | 19,03 | -2,87 | -13,1 | -14,0 |
| 10 | 37,4 | 47,09 | 9,69 | 25,9 | 22,9 |
| 11 | 26,1 | 21,88 | -4,22 | -16,2 | -17,6 |
| 12 | 26,0 | 21,84 | -4,16 | -16,0 | -17,4 |
| 13 | 25,8 | 33,77 | 7,97 | 30,9 | 26,8 |
| 14 | 37,5 | 35,35 | -2,15 | -5,7 | -5,9 |
| 15 | 26,8 | 21,18 | -5,62 | -21,0 | -23,4 |
| 16 | 30,1 | 24,62 | -5,48 | -18,2 | -20,0 |
| 17 | 10,5 | 5,44 | -5,06 | -48,2 | -63,5 |
| 18 | 10,3 | 4,0 | -6,3 | -61,2 | -88,1 |
| 19 | 30,9 | 30,53 | -0,37 | -1,2 | -1,2 |
| 20 | 25,4 | 17,06 | -8,34 | -32,8 | -39,3 |
| 21 | 36,1 | 30,74 | -5,36 | -14,8 | -16,0 |
| 22 | 9,1 | 19,96 | 10,86 | 119,3 | 74,7 |
| 23 | 12,7 | 8,96 | -3,74 | -29,4 | -34,5 |
| 24 | 13,0 | 10,67 | -2,33 | -17,9 | -19,7 |
| 25 | 13,9 | 12,03 | -1,87 | -13,5 | -14,4 |
| 26 | 21,9 | 16,32 | -5,58 | -25,5 | -29,2 |
| 27 | 9,7 | 8,49 | -1,21 | -12,5 | -13,3 |
| 28 | 14,8 | 16,42 | 1,62 | 10,9 | 10,4 |
| 29 | 25,6 | 18,37 | -7,23 | -28,2 | -32,9 |
| 30 | 4,5 | 4,0 | -0,5 | -11,1 | -11,8 |
| 31 | 19,3 | 14,31 | -4,99 | -25,9 | -29,7 |
| 32 | 23,2 | 14,35 | -8,85 | -38,1 | -47,1 |
| 33 | 33,5 | 30,46 | -3,04 | -9,1 | -9,5 |
| 34 | 21,0 | 12,24 | -8,76 | -41,7 | -52,7 |