

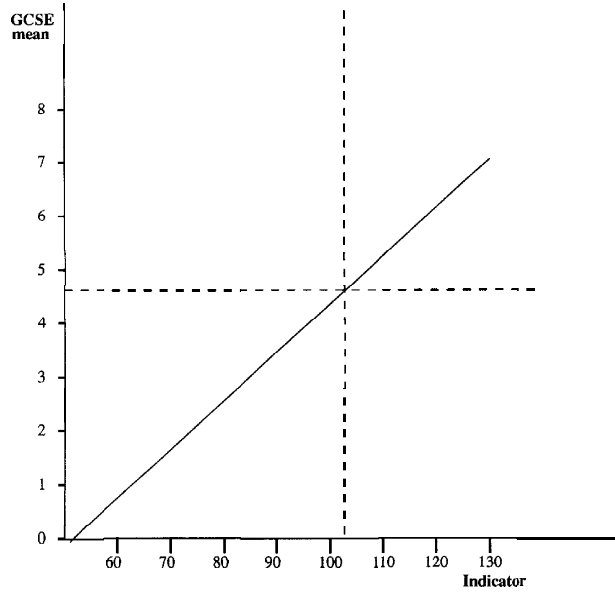
Appendix H

History GCSE Regression line graphs for 16 schools in 1996

Graphs for Combined Schools 1996 - 1993
Graphs for Individual Schools 1996

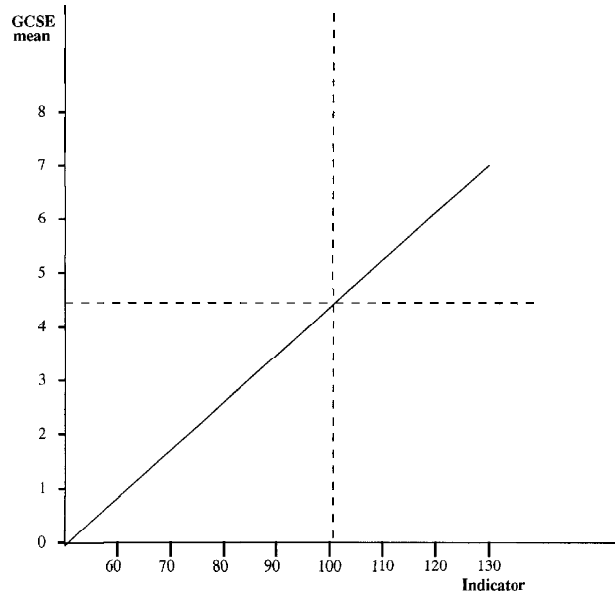
*Regression line graphs are for
GCSE mean (y) upon ERT score (x)*

Combined Schools History GCSE 1996



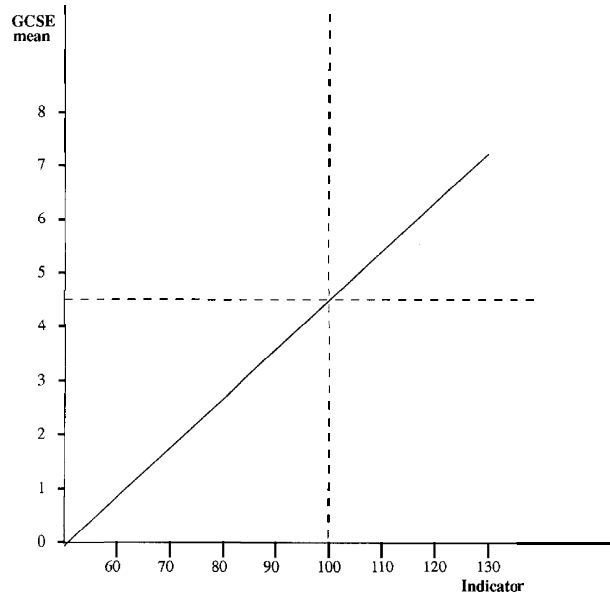
Number of pupils in the sample 874
 Mean for X is 102.77 Mean for Y is 4.64
 Standard deviation for X is 12.79 Standard deviation for Y is 1.83
 Covariance is 14.72
 Coefficient of correlation is 0.63
 Coefficient of determination is 39.63%
 Standard error of estimation for Y upon X is 1.42

Combined Schools History GCSE 1995



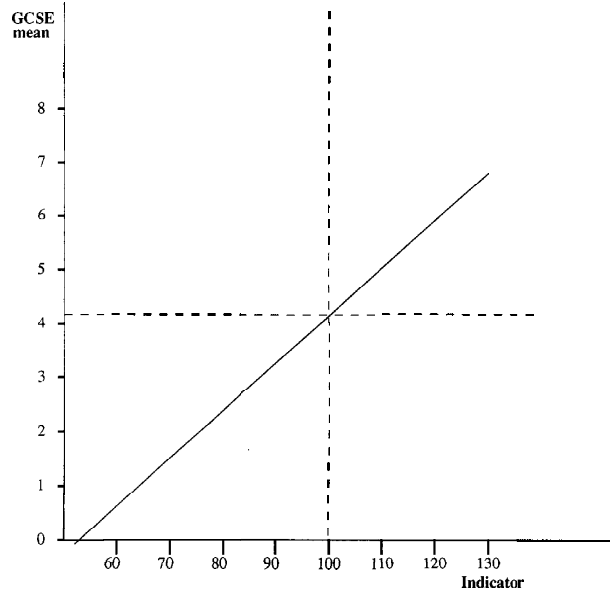
Number of pupils in the sample 613
 Mean for X is 100.75 Mean for Y is 4.46
 Standard deviation for X is 13.60 Standard deviation for Y is 1.89
 Covariance is 16.32
 Coefficient of correlation is 0.64
 Coefficient of determination is 40.48%
 Standard error of estimation for Y upon X is 1.45

Combined Schools History GCSE 1994



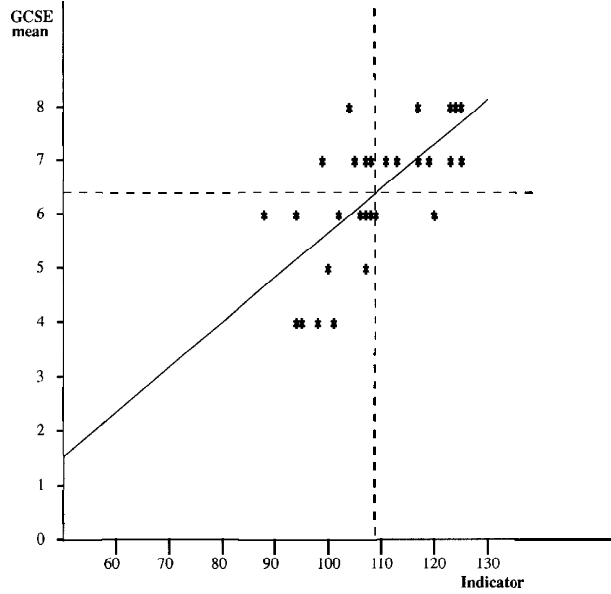
Number of pupils in the sample 664
 Mean for X is 99.93 Mean for Y is 4.52
 Standard deviation for X is 12.76 Standard deviation for Y is 1.80
 Covariance is 14.83
 Coefficient of correlation is 0.65
 Coefficient of determination is 41.67%
 Standard error of estimation for Y upon X is 1.38

Combined Schools History GCSE 1993



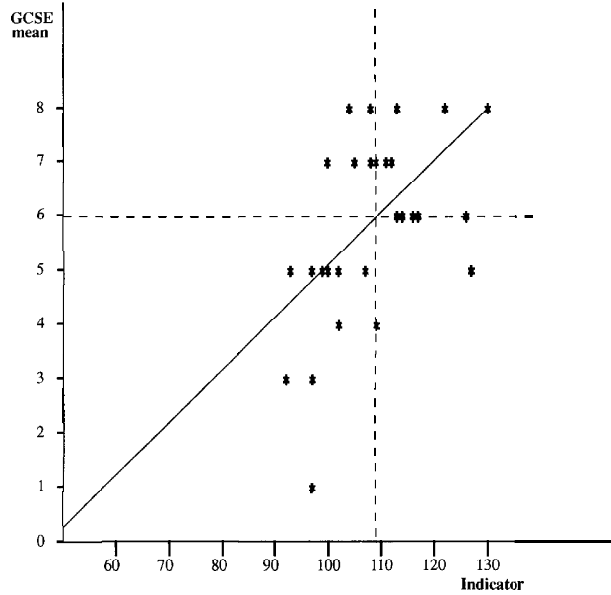
Number of pupils in the sample 444
 Mean for X is 99.93 Mean for Y is 4.18
 Standard deviation for X is 13.67 Standard deviation for Y is 1.77
 Covariance is 16.47
 Coefficient of correlation is 0.68
 Coefficient of determination is 46.18%
 Standard error of estimation for Y upon X is 1.30

History GCSE 1996 School A



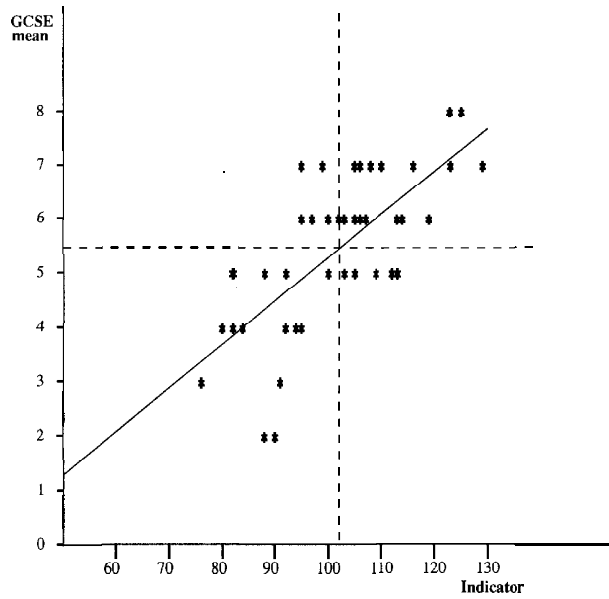
Number of pupils in the sample 30
 Mean for X is 108.87 Mean for Y is 6.40
 Standard deviation for X is 10.21 Standard deviation for Y is 1.25
 Covariance is 8.59
 Coefficient of correlation is 0.67
 Coefficient of determination is 44.95%
 Standard error of estimation for Y upon X is 0.93

History GCSE 1996 School B



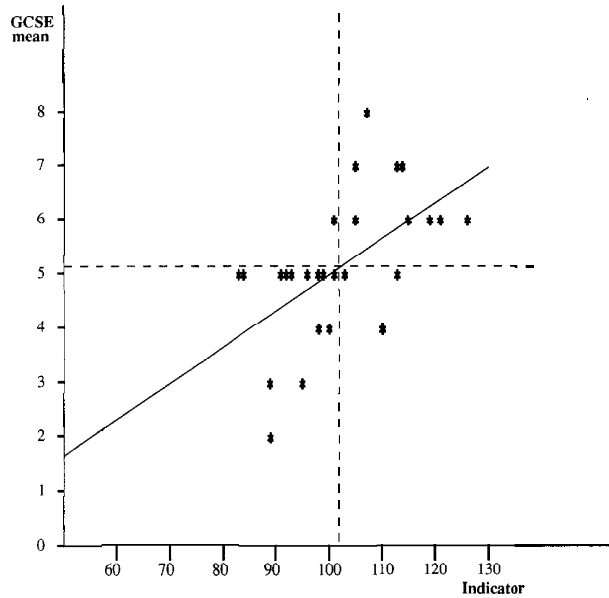
Number of pupils in the sample 34
 Mean for X is 108.91 Mean for Y is 5.97
 Standard deviation for X is 9.52 Standard deviation for Y is 1.67
 Covariance is 8.73
 Coefficient of correlation is 0.55
 Coefficient of determination is 30.11%
 Standard error of estimation for Y upon X is 1.40

History GCSE 1996 School C



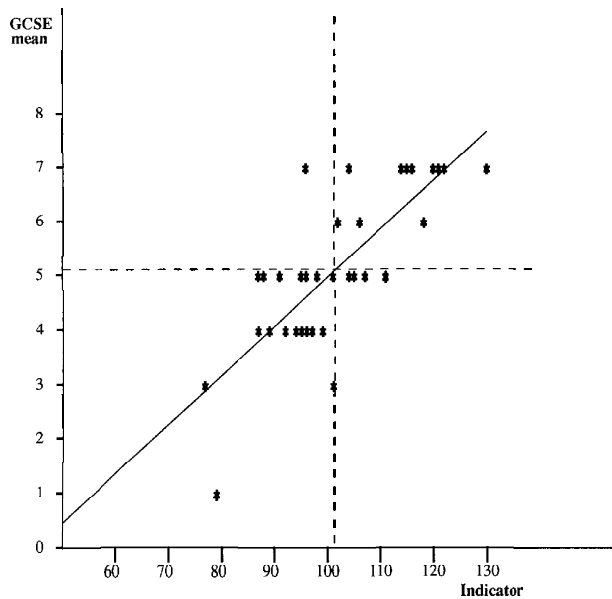
Number of pupils in the sample 46
 Mean for X is 102.15 Mean for Y is 5.48
 Standard deviation for X is 12.23 Standard deviation for Y is 1.39
 Covariance is 11.95
 Coefficient of correlation is 0.70
 Coefficient of determination is 49.09%
 Standard error of estimation for Y upon X is 1.00

History GCSE 1996 School D



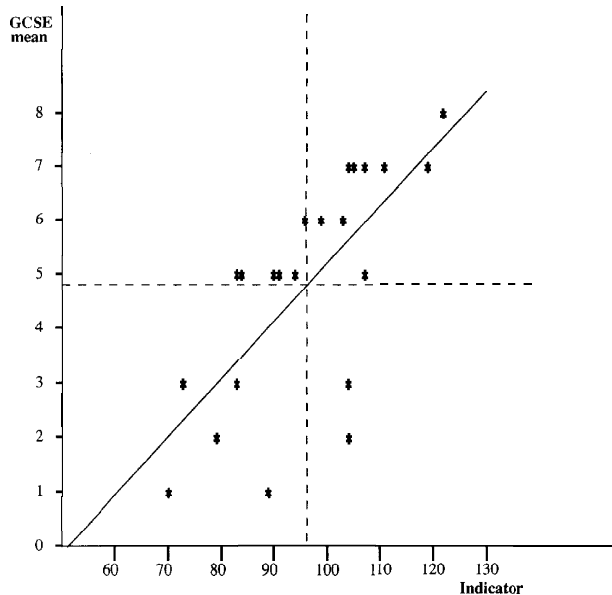
Number of pupils in the sample 30
 Mean for X is 101.97 Mean for Y is 5.13
 Standard deviation for X is 10.59 Standard deviation for Y is 1.28
 Covariance is 7.47
 Coefficient of correlation is 0.55
 Coefficient of determination is 30.16%
 Standard error of estimation for Y upon X is 1.07

History GCSE 1996 School E



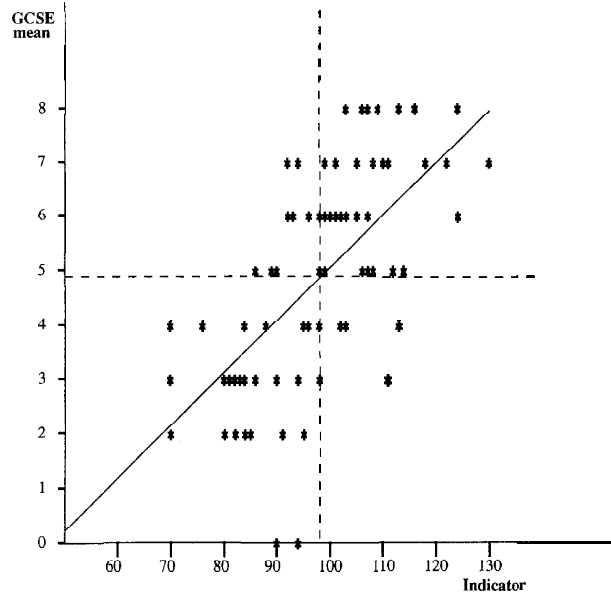
Number of pupils in the sample 36
 Mean for X is 101.33 Mean for Y is 5.11
 Standard deviation for X is 12.14 Standard deviation for Y is 1.41
 Covariance is 13.30
 Coefficient of correlation is 0.78
 Coefficient of determination is 60.30%
 Standard error of estimation for Y upon X is 0.89

History GCSE 1996 School F



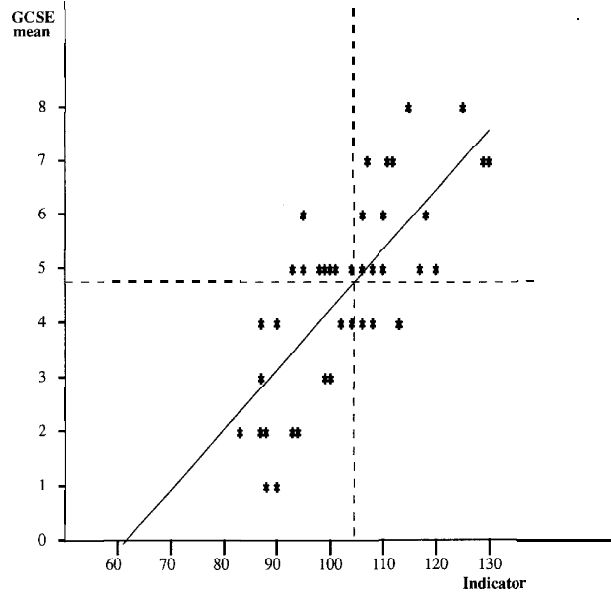
Number of pupils in the sample 22
 Mean for X is 96.23 Mean for Y is 4.82
 Standard deviation for X is 13.64 Standard deviation for Y is 2.06
 Covariance is 19.81
 Coefficient of correlation is 0.71
 Coefficient of determination is 49.79%
 Standard error of estimation for Y upon X is 1.46

History GCSE 1996 School G



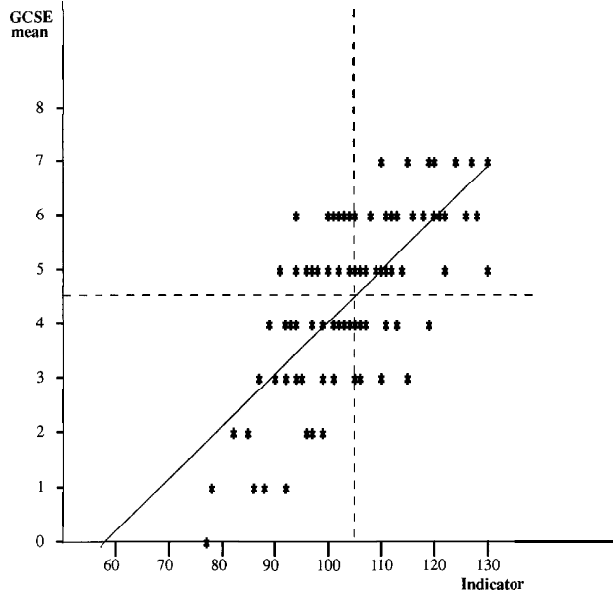
Number of pupils in the sample 79
 Mean for X is 98.14 Mean for Y is 4.90
 Standard deviation for X is 13.51 Standard deviation for Y is 1.99
 Covariance is 17.63
 Coefficient of correlation is 0.66
 Coefficient of determination is 42.99%
 Standard error of estimation for Y upon X is 1.50

History GCSE 1996 School H



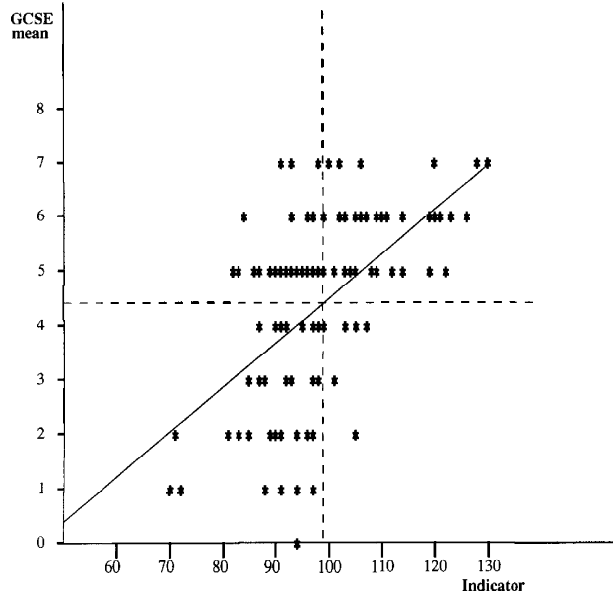
Number of pupils in the sample 47
 Mean for X is 104.51 Mean for Y is 4.77
 Standard deviation for X is 12.20 Standard deviation for Y is 1.75
 Covariance is 16.46
 Coefficient of correlation is 0.77
 Coefficient of determination is 59.22%
 Standard error of estimation for Y upon X is 1.12

History GCSE 1996 School I



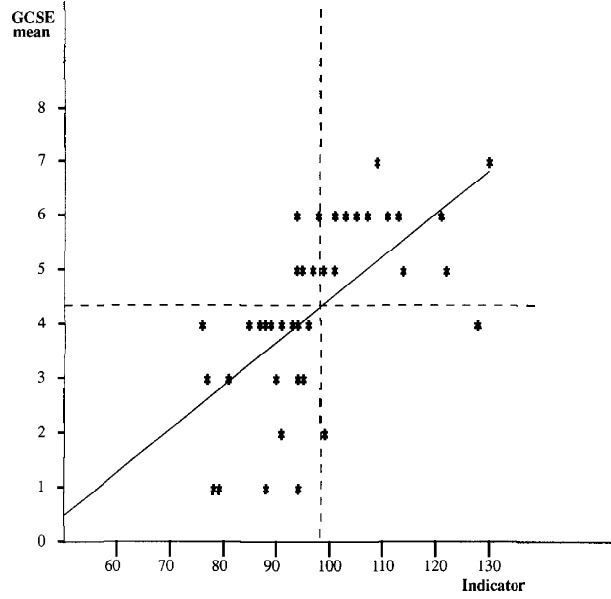
Number of pupils in the sample 105
 Mean for X is 104.99 Mean for Y is 4.53
 Standard deviation for X is 11.54 Standard deviation for Y is 1.54
 Covariance is 12.76
 Coefficient of correlation is 0.72
 Coefficient of determination is 51.30%
 Standard error of estimation for Y upon X is 1.08

History GCSE 1996 School J



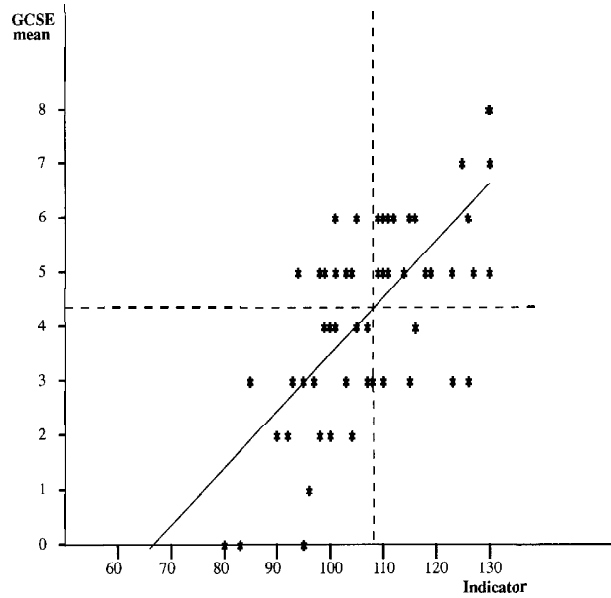
Number of pupils in the sample 108
 Mean for X is 98.91 Mean for Y is 4.43
 Standard deviation for X is 12.51 Standard deviation for Y is 1.75
 Covariance is 12.81
 Coefficient of correlation is 0.59
 Coefficient of determination is 34.24%
 Standard error of estimation for Y upon X is 1.42

History GCSE 1996 School K



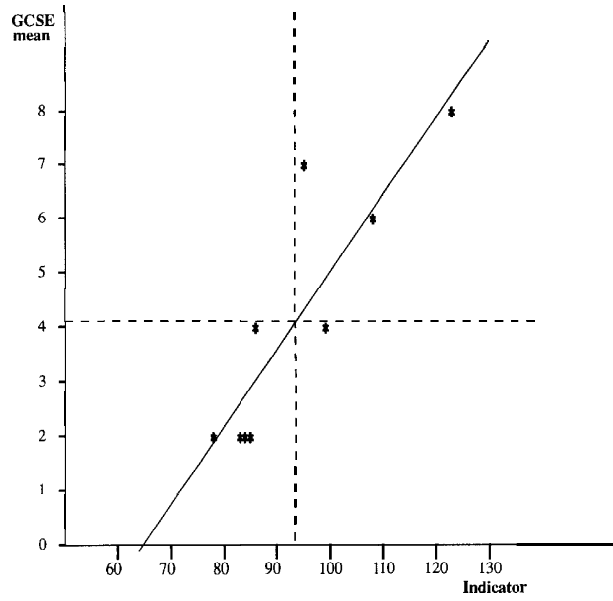
Number of pupils in the sample 44
 Mean for X is 98.36 Mean for Y is 4.34
 Standard deviation for X is 13.10 Standard deviation for Y is 1.61
 Covariance is 13.58
 Coefficient of correlation is 0.64
 Coefficient of determination is 41.51%
 Standard error of estimation for Y upon X is 1.23

History GCSE 1996 School L



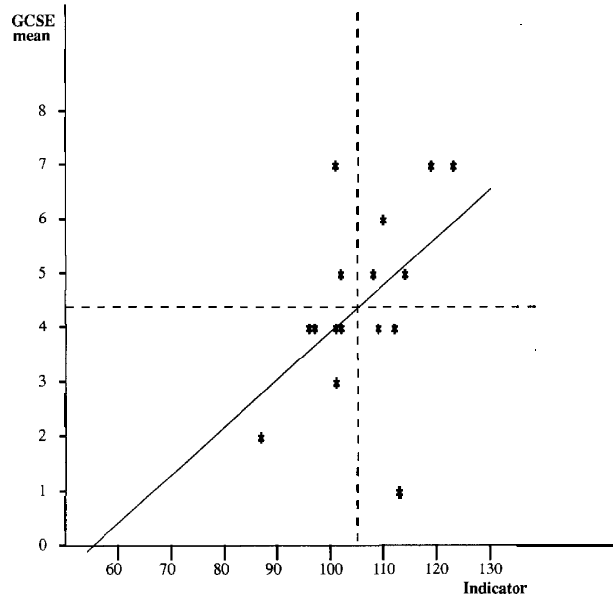
Number of pupils in the sample 67
 Mean for X is 108.13 Mean for Y is 4.36
 Standard deviation for X is 13.07 Standard deviation for Y is 1.90
 Covariance is 17.83
 Coefficient of correlation is 0.72
 Coefficient of determination is 51.66%
 Standard error of estimation for Y upon X is 1.32

History GCSE 1996 School M



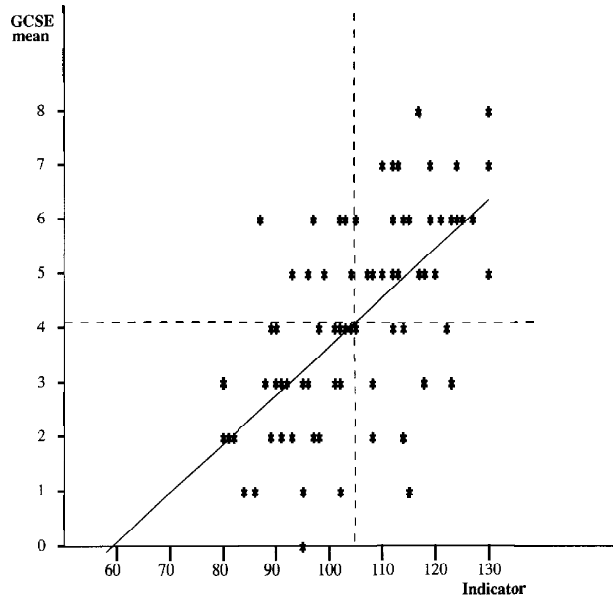
Number of pupils in the sample 9
 Mean for X is 93.44 Mean for Y is 4.11
 Standard deviation for X is 13.67 Standard deviation for Y is 2.23
 Covariance is 26.62
 Coefficient of correlation is 0.87
 Coefficient of determination is 76.00%
 Standard error of estimation for Y upon X is 1.09

History GCSE 1996 School N



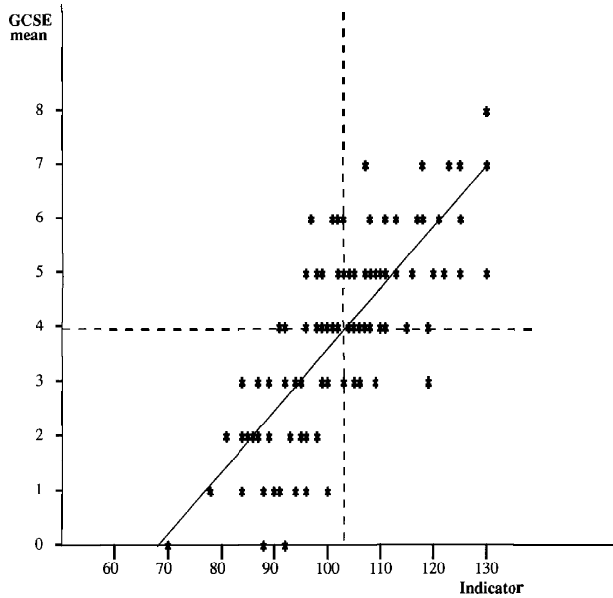
Number of pupils in the sample 18
 Mean for X is 105.11 Mean for Y is 4.39
 Standard deviation for X is 8.81 Standard deviation for Y is 1.60
 Covariance is 6.79
 Coefficient of correlation is 0.48
 Coefficient of determination is 23.13%
 Standard error of estimation for Y upon X is 1.41

History GCSE 1996 School O



Number of pupils in the sample 82
 Mean for X is 104.76 Mean for Y is 4.11
 Standard deviation for X is 12.86 Standard deviation for Y is 1.91
 Covariance is 14.84
 Coefficient of correlation is 0.60
 Coefficient of determination is 36.42%
 Standard error of estimation for Y upon X is 1.53

History GCSE 1996 School P



Number of pupils in the sample 117
 Mean for X is 103.12 Mean for Y is 3.96
 Standard deviation for X is 12.28 Standard deviation for Y is 1.82
 Covariance is 17.02
 Coefficient of correlation is 0.76
 Coefficient of determination is 57.80%
 Standard error of estimation for Y upon X is 1.18