

**Statistics of Education:
GCSE/GNVQ and GCE A/AS level
performance of
candidates attempting two
or more GCE A levels or
AS equivalents in 2000/01**



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GCSE/GNVQ AND GCE A/AS LEVEL PERFORMANCE OF CANDIDATES ATTEMPTING TWO OR MORE GCE A LEVELS OR AS LEVEL EQUIVALENTS IN 2000/01: SCHOOLS AND FE SECTOR COLLEGES IN ENGLAND

Introduction

1 This bulletin provides a comparison of the GCE A/AS level performance of students aged 17 at the start of academic year 2000/01 who took at least 2 GCE A levels or AS level equivalents in, or before, 2000/01 with their cumulative GCSE/GNVQ achievements up to and including that academic year. It updates the information given in Statistical Bulletin 02/01 (published in March 2001) and is the latest in the series first published in July 1994 with information on students attempting A/AS levels in 1992/93. Full details of the coverage of the tables and charts and the definition of terms used in this bulletin are given at the end of the text.

2 The national information in this bulletin (and on the departments' website, see below) presents the ranges of aggregate scores and subject-based GCE A/AS grades achieved by students according to their GCSE/GNVQ attainments. This information provides one basis for setting student GCE A level targets which can be reviewed in the light of progress to help the evaluations of student and institutional performance. A full description of how this might be achieved is given in 'GCSE to GCE A/AS Value Added – Briefing for Schools and Colleges' published in June 1995, copies of which are available from the DfES Publications Centre (Tel: 0845 602 2260) on request. To help understand student target setting, charts for an additional fifteen subjects and the electronic version of this bulletin can be downloaded from the DfES's website; <http://www.dfes.gov.uk/statistics/DB/SBU/index.html>.

3 The structure of the charts in this bulletin is analogous to the presentation of pre-16 value-added published by the Department, OFSTED and Qualifications Curriculum Authority in the Autumn Package last October (<http://www.dfes.gov.uk/performance/>). The KS2-KS3 and KS3 – GCSE/GNVQ data in that package forms the basis of a new Statistical Bulletin "Pupil Progress in Secondary Schools by School Type in England: 2001" to be published in May 2002.

4 The national graph (and associated charts) of value added between GCSE/GNVQ and A/AS/aGNVQ published in the 2001 Autumn Package were constructed on the same basis as the post-16 VA pilot in the 2000 School and Colleges Performance Tables. The introduction in September 2000 of changes to AS and A level courses and examinations under Qualifying for Success (QfS) will mean that the continuity of the relationship between GCSE/GNVQ and A/AS level

results shown in this bulletin and its predecessors will be broken. Next year's bulletin will reflect the 2002 A/AS level outcomes of the first group of 17 year old students studying under QfS. A further post-16 VA pilot is planned for the 2004 School and College Performance Tables.

5 The prime purposes of this bulletin are to:

- a provide schools and colleges with a means of benchmarking the aggregate performances of their institution, and
- b help them to set realistic overall and subject-based targets for their A level students.

Every school and college can for each one of its students and knowing their aggregate attainments at GCSE/GNVQ, describe the average and range of A/AS level outcomes based on the latest national associations between these two performance measures for all students with the same level of prior achievement.

6 The coverages, contents and formats of the annual tables and charts in this Bulletin have remained essentially the same over the last 8 years. This consistency has been a contributory factor to the familiarity and ease with which schools and colleges have been able to use the information provided.

7 The 17 year olds students who are the subject of this Bulletin have attempted 2 or more A levels or AS Level equivalent (and at least one such qualification at age 17) by academic year 2000/2001. The QfS reforms introduced in September 2000 will affect mainly the A and AS level qualifications achieved by the subsequent cohort of students who were 17 at the beginning of this academic year, 2001/2002.

8 Nevertheless, some students within the scope of this Bulletin have also taken the new Advanced Subsidiary and A level qualification in 2000/2001. Specifically, there were 14,500 students who, in addition to attempting 2 or more pre-QfS A levels or AS level equivalents, ALSO attempted at least one QfS AS/A level. Furthermore, there were an additional 6,000 students who had attempted, at most, 1.5 A/AS levels under the pre-QfS system AND who had attempted at least one new AS level in academic year 2000/2001 who would therefore, technically, be within the coverage of this Bulletin.

9 But in order to maintain continuity of coverages for benchmarking and target-setting with those of previous years, the extra qualifications and results of the additional students have been EXCLUDED from the results shown in this bulletin. The achievements of 17 year old students achieving 2 or more A/AS levels irrespective of whether they were under QfS or not will be the subject of separate, published analyses. Next year's Bulletin will be the first to cover the group of 17 year olds who have undertaken 2 years of study under QfS.

Key Points

- 10 The main points identified in this bulletin are:
- a strong positive association between prior GCSE/GNVQ performance and GCE A/AS level scores (paragraph 12),
 - candidates with similar levels of performance at GCSE/GNVQ achieved a wide range of GCE A/AS level scores (paragraphs 12 to 14),
 - differences in the GCE A/AS level scores of candidates from different types of establishments were mainly a reflection of differences in candidates' performance at GCSE/GNVQ. Some differences still remain when the comparison is focused on candidates with a similar level of achievement at GCSE/GNVQ (paragraphs 16 to 18),
 - candidates with below average GCSE/GNVQ performance tended to achieve higher GCE A/AS level grades if their subject specialisation was in non-science subjects (paragraphs 19 to 21),
 - females with above average GCSE/GNVQ scores tended to achieve lower GCE A/AS level grades than similarly qualified males (paragraph 22).

These points are as reported in last year's bulletin. Furthermore, the figures quoted in these tables and the charts generally show very little change from last year.

All candidates

11 Just over 178,840 candidates aged 17 had taken at least 2 GCE A/AS level examinations, excluding general studies, by the end of 2000/01. Of these, 22 per cent had achieved a score of 25 or over, the equivalent of an A and two B grades or better. In contrast, 21 per cent achieved a score of less than 10, the equivalent of an E and two D grades, or a C and a D grade.

12 There is a strong link (table 1) between a candidate's GCE A/AS level score and their average GCSE/GNVQ score per entry. For example, 52 per cent of candidates (92,600) had an average GCSE/GNVQ score per entry of 6 or above (an average of grade B or better), and of these, 40 per cent achieved a GCE A/AS level score of 25 or over, and 5 per cent scored less than 10 points. In contrast, 5,850 (3%) candidates achieved an average GCSE/GNVQ point score per entry of less than 4.5, of whom 74 per cent achieved fewer than 10 GCE A/AS points and only 26 (0.4%) achieved 25 GCE A/AS points or more.

13 The relationship between GCSE/GNVQ and GCE A/AS level scores is illustrated in chart A, which shows the median and upper and lower quartiles of the distribution of the average GCE A/AS score per entry for candidates in each range of average GCSE/GNVQ score per entry. For example, among the candidates with an average GCSE/GNVQ score of between 4 and 4.4, half achieved an average GCE A/AS score per entry of 2 or more, and a quarter achieved an average GCE A/AS score per entry of 4 or more. For candidates with an average GCSE/GNVQ score of between 6.5 and 6.9 (15% of candidates), half achieved an average GCE A/AS score

CHART A:

Average GCE A/AS score per entry by average GCSE/GNVQ point score per entry for candidates attempting 2 or more GCE A/AS (excluding general studies) – all establishments

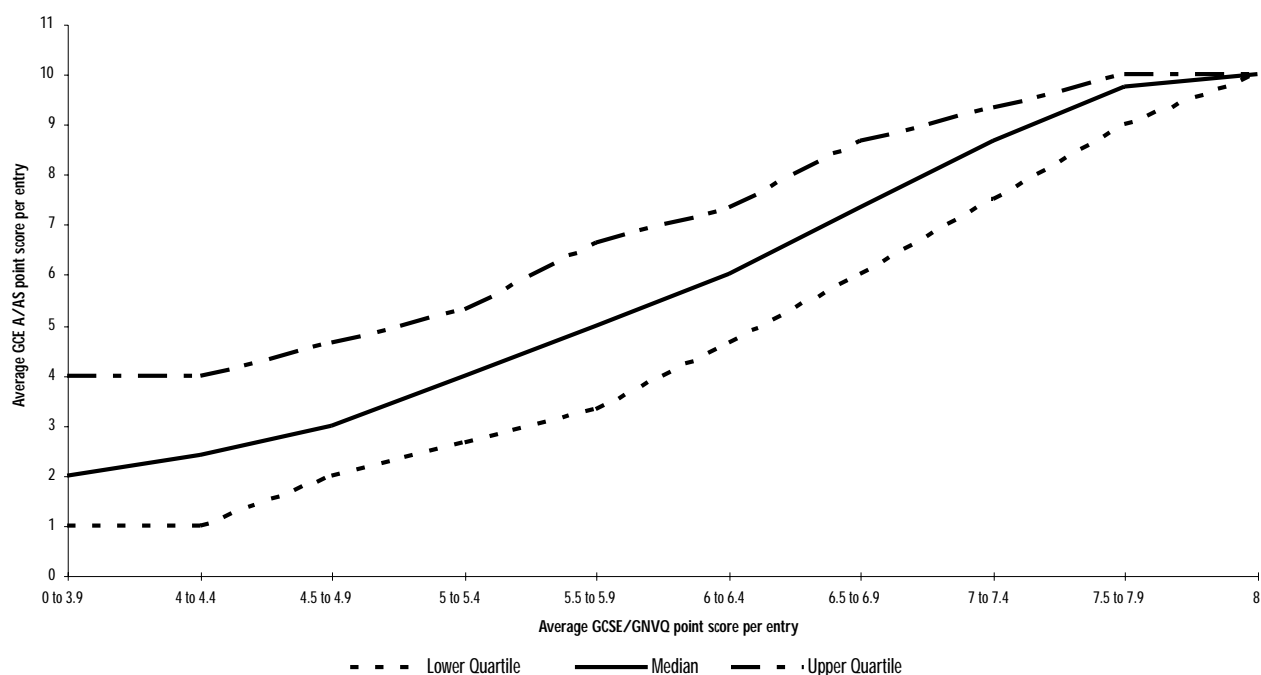
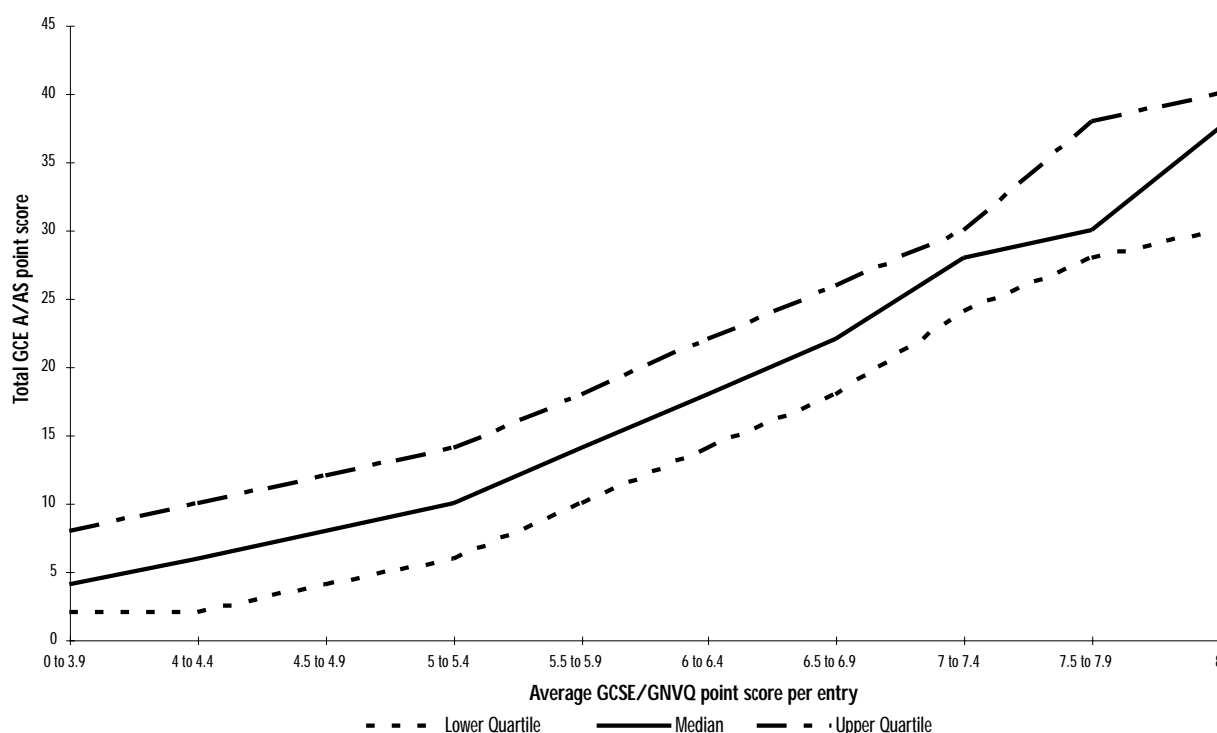


CHART A1:

Total GCE A/AS point score by average GCSE/GNVQ point score per entry for candidates attempting 2 or more GCE A/AS (excluding general studies) – all establishments



per entry of 7.3 or more and a quarter achieved an average GCE A/AS score per entry of 8.7 or more (between an A and a B grade at GCE A level).

14 Chart A1 shows the same information but for total GCE A/AS point score rather than average GCE A/AS point score per entry. For example, of those candidates with an average GCSE/GNVQ score per entry of between 4 and 4.4, half achieved a total GCE A/AS score of 6 or more and a quarter achieved a GCE A/AS score of 10 or more. For those candidates with an average GCSE/GNVQ score per entry of between 6.5 and 6.9, half achieved a GCE A/AS score of 22 or more and a quarter a score of 26 or more.

15 The inclusion or exclusion of A/AS level general studies can have significant effects on the comparison of an individual's and an institution's total GCE A/AS point score with the national average, as discussed in the Technical Annex to 'GCSE to GCE A/AS Value Added' briefing (paragraph 2). Institutions where there is a systematic take-up of general studies will tend to achieve, other things being equal, a better value added using the total GCE A/AS point score measure than those not offering this subject. For the purposes of this bulletin, any GCE A/AS level attempts and passes in general studies are excluded.

Candidates from different types of institution

16 Some 72% (128,850) of candidates aged 17 were recorded as studying in schools and 28% (49,850) in

Further Education sector (including sixth form) colleges. Comparisons of candidates in schools and FE colleges at GCSE/GNVQ and GCE A/AS level are given in tables 2 and 3. Overall, candidates in schools tended to achieve slightly higher GCE A/AS level results than those from Further Education sector colleges. For example, 24 per cent of students in schools achieved a GCE A/AS level point score of 25 or over compared with 17 per cent of candidates in Further Education sector colleges. The proportions with less than 10 GCE A/AS level points were 20 per cent and 26 per cent in schools and Further Education sector colleges respectively. Candidates in FE colleges with broadly similar GCSE/GNVQ achievements tended to gain slightly lower GCE A/AS grades than those in schools or sixth form colleges.

17 Candidates from independent schools tended to achieve higher GCE A/AS level scores than those candidates from maintained schools (tables 4 and 5). In independent schools, 44 per cent of candidates achieved a GCE A/AS level score of 25 or over compared with 19 per cent of candidates from maintained schools. In contrast, 7 per cent of candidates from independent schools compared with 23 per cent of maintained schools achieved a GCE A/AS level score of less than 10.

18 Tables 6 and 7 show that candidates from sixth form colleges tended to achieve better GCE A/AS level scores than those from other Further Education sector colleges. Twenty per cent of candidates from sixth form colleges achieved a GCE A/AS level score of 25 or over compared with 12 per cent of candidates from other Further

Education sector colleges: the corresponding figures for candidates with GCE A/AS level score of less than 10 were 22 per cent and 33 per cent.

Characteristics of A/AS level candidates

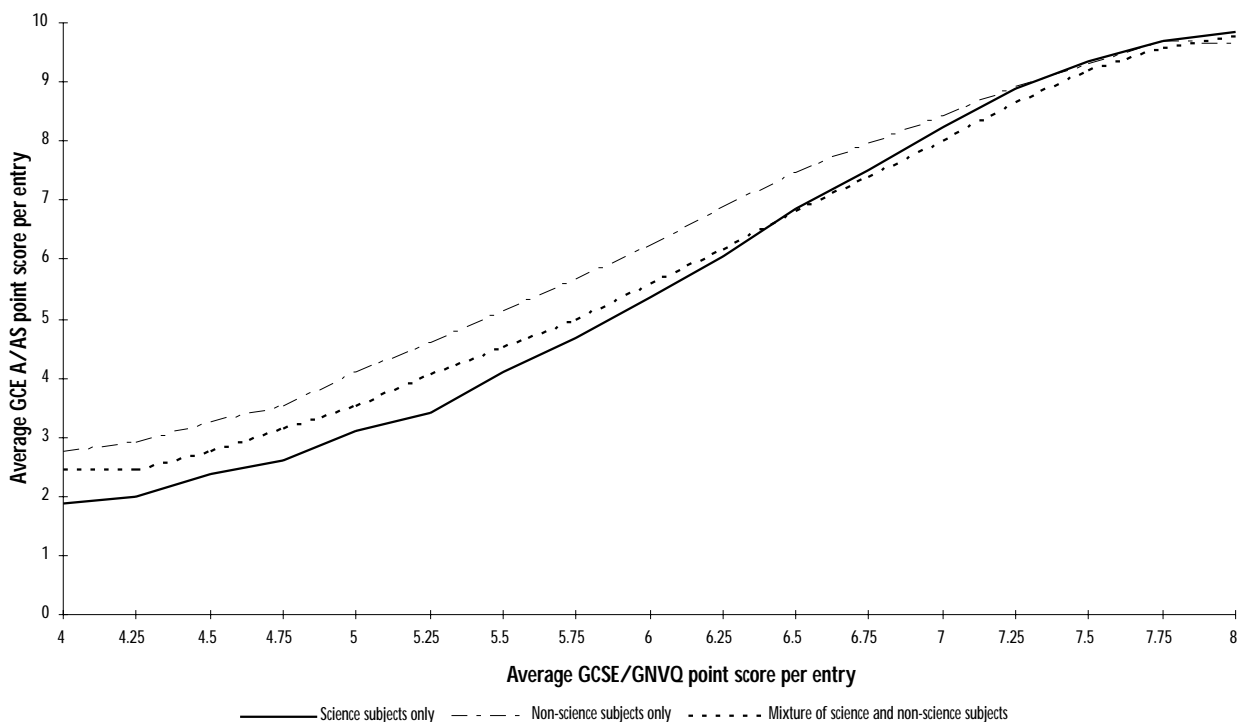
19 Those candidates who took science subjects only (or all science subjects with the exception of one non-science AS examination) were more likely to achieve very high GCE A/AS level scores than those who attempted other group of subjects. Some, 34 per cent achieved a GCE A/AS level score of 25 or over compared with 17 per cent of candidates taking non-science subjects only (or all non-science subjects with the exception of one science AS examination) and 23 per cent of candidates taking a mix of science and non-science subjects. However, similar proportions within each of these groups of candidates, 21 per cent attempting science subjects only – 23 per cent of those taking non-science subjects and 20 per cent of those taking a mixture of science and non-science subjects – achieved GCE A/AS level scores of less than 10.

20 These differences reflected the tendency for science specialists to have higher average GCSE/GNVQ performance: 70 per cent achieved an average GCSE/GNVQ score per entry of 6 (average grade B) or over, compared with 41 per cent of candidates taking only non-science subjects or all non-science subjects with the exception of one AS examination, and 57 per cent of candidates taking a mixture of science and non-science subjects.

21 Chart B shows the average GCE A/AS score per entry medians for different bands of GCSE/GNVQ

CHART B:

Candidates attempting different combinations of GCE A/AS subjects



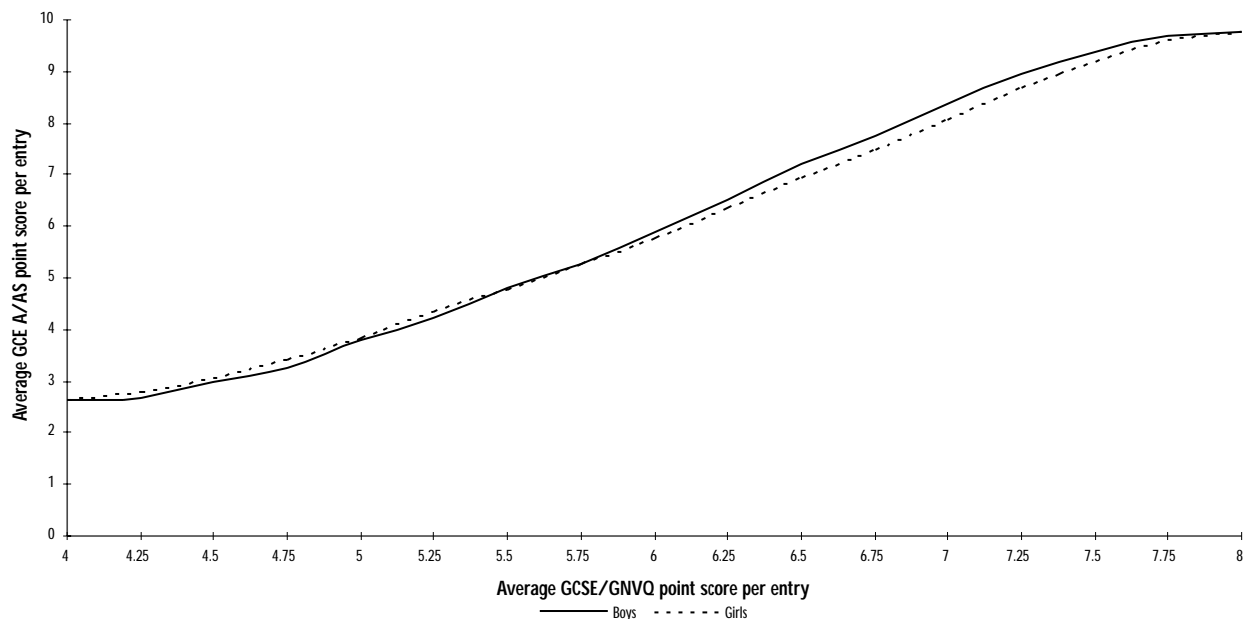
attainment corresponding to three types of GCE A/AS level candidates - those taking science subjects only, those taking non-science subjects only, and those taking a mixture of science and non-science subjects. Except for candidates with very high levels of GCSE/GNVQ attainment, GCE A/AS level candidates with similar GCSE/GNVQ attainment taking only non-science subjects achieved a higher average GCE A/AS score per entry than the median student amongst those taking science subjects only or a mixture of the two.

22 Some 54 per cent A/AS level candidates were female, about 26 per cent of female candidates had average GCSE/GNVQ point score below 5.5 compared with 33 per cent of male candidates. Progress made by female candidates with GCSE/GNVQ average point score attainment up to 5.75 was slightly more than that of correspondingly qualified male candidates. At higher level of prior attainment, especially where the average GCSE/GNVQ point score was equivalent of Grade A (7 points) progress made by males was, in general, greater than for females. Tables 11 and 12 show that amongst candidates with an average GCSE/GNVQ score per entry of 6 or more, 24 per cent of male candidates and 18 per cent of female candidates achieved a GCE A/AS level score of 30 or more.

Definitions

23 The information contained in this bulletin relates to candidates aged 17 at the beginning of the 2000/01 academic year who had attempted at least 2 GCE A levels or AS equivalents by the end of the 2000/01 academic year. The GCSE/GNVQ achievements cover

CHART C:
Gender



the best performance in each subject or qualification taken up to and including 2000/01. The GCE A/AS level candidates (3000) for whom no GCSE/GNVQ scores could be identified are excluded from this bulletin.

24 The examination data shown in this bulletin were obtained from the GCSE and GCE examining boards and groups. The 2000/01 GCE A level and AS examination results were then merged by the Department's Performance Tables contractor using the candidate's name and date of birth as key indicators. The results in this bulletin do not include any advanced GNVQ results of students' of the appropriate age: such results were included in the post-16 value added pilot and the Autumn Package referred to in paragraphs 3 and 4.

25 The GCE A/AS level point scores are derived in the following way:

Grade obtained	A level	AS examination
A	10	5
B	8	4
C	6	3
D	4	2
E	2	1

For each candidate, the points for each pass are added together to obtain a total point score and divided by the total number of entries (an AS level is treated as half an entry) to derive the average point score per candidate per entry. For the purpose of this bulletin, GCE A levels or AS equivalents in general studies have been excluded. New AS (advanced subsidiary) level attempts by students covered by this bulletin are excluded.

26 The GCSE point score is derived in a similar way with the points awarded for each grade as follows:

Grade obtained	GCSE
A*	8
A	7
B	6
C	5
D	4
E	3
F	2
G	1

The total GCSE point score per candidate is then divided by the number of attempts to derive an average GCSE score per candidate per entry.

27 The points for each GNVQ grade are as follows:

Qualification	Level	Grade	Points
GNVQ Part One	Intermediate	Distinction	15
		Merit	12
		Pass	10
	Foundation	Distinction	8
		Merit	6
		Pass	3
GNVQ Full	Intermediate	Distinction	30
		Merit	24
		Pass	20
	Foundation	Distinction	16
		Merit	12
		Pass	6

The Part One GNVQ is deemed equivalent to 2 GCSEs and the Full GNVQ is equivalent to four GCSEs. The points for any candidate are added to their GCSE points, and divided by the appropriate total number of entries to compute an average GCSE/GNVQ score per candidate per entry.

28 Each of the tables shows, for each range of average GCSE/GNVQ score per entry, the percentage of candidates obtaining different GCE A/AS level scores. The charts show, for each range of average GCSE/GNVQ score per entry, the median GCE A/AS level score and the upper and lower quartile scores. This provides one indication of the range of GCE A/AS level scores achieved by candidates with a given average GCSE/GNVQ score per entry. Half of the candidates in each average GCSE/GNVQ score range achieve a score between the two quartiles, with a quarter above and a quarter below this range.

29 The following subjects are classified as sciences for the purposes of tables 8 to 10: mathematics; statistics; biological sciences; chemistry; physics; botany; electronics; engineering; environmental science; geology; science in society; zoology; computer studies; design; design and technology; geometric and engineering drawing; graphics; metalwork; woodwork; home economics. A student counts as having a GCE A/AS level attempt in a science subject if they have attempted a GCE A level or two AS examinations in the above subjects.

Further information

30 Enquiries on the contents of this bulletin should be addressed to Analytical Services, Level 6Q, Department for Education and Skills, Sanctuary Building, Great Smith Street, Westminster, London, SW1P 3BT (Tel: 0207 925 6351).

TABLE 1:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All establishments

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
	Less than 4	52	25	17	4	2	1	0	
4 to 4.4	44	30	20	4	2	0	0	0	4,966
4.5 to 4.9	31	30	28	7	3	0	0	0	15,309
5 to 5.4	16	25	34	15	8	1	0	0	30,924
5.5 to 5.9	7	15	33	21	18	4	1	0	34,163
6 to 6.4	2	7	23	22	31	11	3	1	36,578
6.5 to 6.9	1	2	9	15	36	23	10	3	26,739
7 to 7.4	0	0	3	6	24	31	23	13	19,423
7.5 to 7.9	0	0	0	1	6	20	36	36	9,053
8	0	0	0	1	1	5	29	63	806
Total	9	13	22	15	20	11	7	4	178,843

TABLE 2:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
	Less than 4	55	24	16	3	1	1	0	
4 to 4.4	44	31	19	4	2	0	0	0	3,235
4.5 to 4.9	31	30	28	7	3	0	0	0	9,666
5 to 5.4	16	25	35	15	8	1	0	0	20,459
5.5 to 5.9	7	15	34	22	18	4	1	0	23,678
6 to 6.4	2	7	23	23	31	11	3	1	26,363
6.5 to 6.9	1	2	9	15	37	23	9	3	20,423
7 to 7.4	0	0	2	6	24	32	23	12	15,699
7.5 to 7.9	0	0	0	1	6	20	37	36	7,947
8	0	0	0	1	1	5	29	64	735
Total	8	12	21	15	21	12	7	5	128,850

TABLE 3:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All Further Education sector colleges

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
	Less than 4	44	27	18	6	4	1	0	
4 to 4.4	44	29	20	4	2	0	0	0	1,720
4.5 to 4.9	32	28	28	8	3	1	0	0	5,629
5 to 5.4	17	24	34	15	9	1	0	0	10,434
5.5 to 5.9	8	16	32	20	19	5	1	0	10,455
6 to 6.4	3	8	23	21	30	11	3	1	10,194
6.5 to 6.9	1	2	10	16	34	22	12	4	6,298
7 to 7.4	0	1	3	7	24	28	23	14	3,711
7.5 to 7.9	0	0	1	2	7	22	28	41	1,102
8	1	0	1	1	4	7	27	58	71
Total	11	15	24	15	18	9	5	3	49,845

For the definitions underlying the tables see paragraphs 23 to 29 of the text.

TABLE 4:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All maintained schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	56	25	16	3	1	1	0	0	584
4 to 4.4	45	30	19	4	2	0	0	0	3,062
4.5 to 4.9	31	30	28	7	3	0	0	0	9,030
5 to 5.4	17	25	35	14	8	1	0	0	18,446
5.5 to 5.9	7	16	34	21	17	3	1	0	20,304
6 to 6.4	3	8	24	23	30	10	2	1	20,976
6.5 to 6.9	1	2	10	16	37	22	9	2	14,820
7 to 7.4	0	0	3	7	26	31	22	11	9,959
7.5 to 7.9	0	0	0	1	8	22	36	33	3,912
8	0	0	0	1	0	5	28	65	209
Total	10	14	23	15	20	10	6	3	101,302

TABLE 5:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All independent schools

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	48	18	20	8	3	0	0	3	61
4 to 4.4	26	33	23	12	5	1	1	1	173
4.5 to 4.9	23	29	32	9	5	1	0	0	636
5 to 5.4	10	19	36	18	13	3	0	0	2,013
5.5 to 5.9	4	10	31	24	25	6	1	0	3,374
6 to 6.4	1	4	17	23	36	14	3	1	5,387
6.5 to 6.9	0	1	7	13	38	26	11	4	5,603
7 to 7.4	0	0	1	4	22	33	26	13	5,740
7.5 to 7.9	0	0	0	1	4	19	38	38	4,035
8	0	0	0	1	1	5	30	63	526
Total	2	5	12	13	24	19	15	11	27,548

For the definitions underlying the tables see paragraphs 23 to 29 of the text.

TABLE 6:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All Further Education sector colleges (excluding sixth form colleges)

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	51	23	17	3	4	2	0	0	144
4 to 4.4	48	27	19	3	3	0	0	0	909
4.5 to 4.9	38	28	24	7	3	1	0	0	2,541
5 to 5.4	21	25	31	14	8	1	0	0	4,235
5.5 to 5.9	10	17	32	18	17	4	1	0	3,883
6 to 6.4	3	9	25	22	28	9	3	1	3,430
6.5 to 6.9	1	3	12	17	33	20	10	3	1,920
7 to 7.4	0	1	5	8	25	27	21	12	992
7.5 to 7.9	0	0	2	4	8	24	28	35	257
8	6	0	6	0	13	25	25	25	16
Total	16	17	25	14	16	7	3	2	18,327

TABLE 7:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
All sixth form colleges

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	32	34	20	9	5	0	0	0	87
4 to 4.4	40	30	22	5	2	0	0	0	811
4.5 to 4.9	28	29	31	9	4	1	0	0	3,088
5 to 5.4	14	24	35	16	9	2	0	0	6,199
5.5 to 5.9	6	15	32	21	19	5	1	0	6,572
6 to 6.4	2	7	22	21	30	13	4	1	6,764
6.5 to 6.9	1	2	9	15	34	23	12	4	4,378
7 to 7.4	0	0	3	6	23	29	24	15	2,719
7.5 to 7.9	0	0	0	2	6	21	28	42	845
8	0	0	0	2	2	2	27	67	55
Total	8	13	23	16	20	10	6	3	31,518

For the definitions underlying the tables see paragraphs 23 to 29 of the text.

TABLE 8:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
Science subjects only

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	63	22	10	1	3	0	0	0	67
4 to 4.4	64	24	8	2	2	0	0	0	332
4.5 to 4.9	50	25	17	5	2	0	0	0	1,113
5 to 5.4	32	27	24	10	5	1	0	0	2,703
5.5 to 5.9	16	21	29	15	13	4	1	1	3,827
6 to 6.4	6	12	24	19	23	10	5	2	5,536
6.5 to 6.9	2	4	11	15	30	20	12	6	5,293
7 to 7.4	0	1	3	6	21	25	26	19	4,743
7.5 to 7.9	0	0	0	1	6	15	34	43	2,566
8	0	0	0	1	0	2	28	69	205
Total	10	11	16	12	18	13	12	10	26,385

TABLE 9:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
Non-science subjects only

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	49	27	17	4	2	1	0	0	575
4 to 4.4	41	31	21	5	2	0	0	0	3,233
4.5 to 4.9	28	30	30	8	4	1	0	0	9,163
5 to 5.4	13	24	36	16	10	1	0	0	17,130
5.5 to 5.9	5	13	32	22	21	5	1	0	16,843
6 to 6.4	1	5	20	22	35	13	3	0	15,090
6.5 to 6.9	0	1	7	13	38	27	11	2	9,345
7 to 7.4	0	0	2	5	24	37	25	7	5,629
7.5 to 7.9	0	0	0	1	5	26	46	20	2,187
8	1	1	1	1	2	9	50	36	180
Total	10	14	24	15	20	11	5	1	79,375

TABLE 10:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE A/AS examinations
Mixture of science and non-science subjects

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving								Total candidates
	GCE A/AS scores of								
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	55	21	18	3	2	1	0	1	240
4 to 4.4	47	29	18	4	1	0	0	0	1,401
4.5 to 4.9	33	30	27	6	2	0	0	0	5,031
5 to 5.4	17	26	35	14	7	1	0	0	11,089
5.5 to 5.9	7	16	35	21	16	3	1	0	13,493
6 to 6.4	2	8	25	24	30	9	2	1	15,951
6.5 to 6.9	0	2	11	17	38	21	8	3	12,101
7 to 7.4	0	0	3	7	26	30	21	13	9,051
7.5 to 7.9	0	0	0	1	6	21	32	40	4,300
8	0	0	0	1	1	5	21	72	421
Total	8	12	22	16	20	11	7	5	73,078

For the definitions underlying the tables see paragraphs 23 to 29 of the text.

TABLE 11:
GCSE and GCE A/AS performance of 17 year old males entering 2 or more GCE A/AS examinations

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	56	24	15	3	2	0	0	0	507
4 to 4.4	46	29	19	4	2	0	0	0	2,804
4.5 to 4.9	33	29	27	7	3	0	0	0	8,423
5 to 5.4	17	25	34	14	9	1	0	0	15,592
5.5 to 5.9	7	15	32	21	19	4	1	0	15,930
6 to 6.4	3	7	21	21	31	12	4	1	16,150
6.5 to 6.9	1	2	8	14	34	24	13	5	11,276
7 to 7.4	0	0	2	5	20	28	26	19	7,645
7.5 to 7.9	0	0	0	1	3	16	32	47	3,443
8	0	0	0	2	0	4	21	73	326
Total	11	14	22	14	18	10	7	5	82,096

TABLE 12:
GCSE and GCE A/AS performance of 17 year old females entering 2 or more GCE A/AS examinations

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	46	27	19	5	2	1	0	0	375
4 to 4.4	42	31	21	4	2	0	0	0	2,162
4.5 to 4.9	30	30	29	8	3	0	0	0	6,886
5 to 5.4	15	24	35	15	8	1	0	0	15,332
5.5 to 5.9	7	15	34	21	18	4	1	0	18,233
6 to 6.4	2	7	24	23	31	10	2	0	20,428
6.5 to 6.9	1	2	10	17	38	22	8	2	15,463
7 to 7.4	0	0	3	7	27	33	21	9	11,778
7.5 to 7.9	0	0	0	1	8	23	38	29	5,610
8	0	0	0	0	1	6	35	57	480
Total	8	12	22	16	21	12	7	3	96,747

For the definitions underlying the tables see paragraphs 23 to 29 of the text.

Annex

This section presents base charts, containing various national pictures, which you may wish to use in the manner described in paragraph 2 to assess your school's or college's value added in relation to national patterns.

Additional tables and subject charts are available on our web site at <http://www.dfes.gov.uk/statistics/DB/SBU/index.html>

These tables and charts are available in electronic format from
Victor Mungol
(Email: victor.mungol@dfes.gov.uk) (Tel 0207 925 6351)

CHART 1 : The National Picture: All institutions

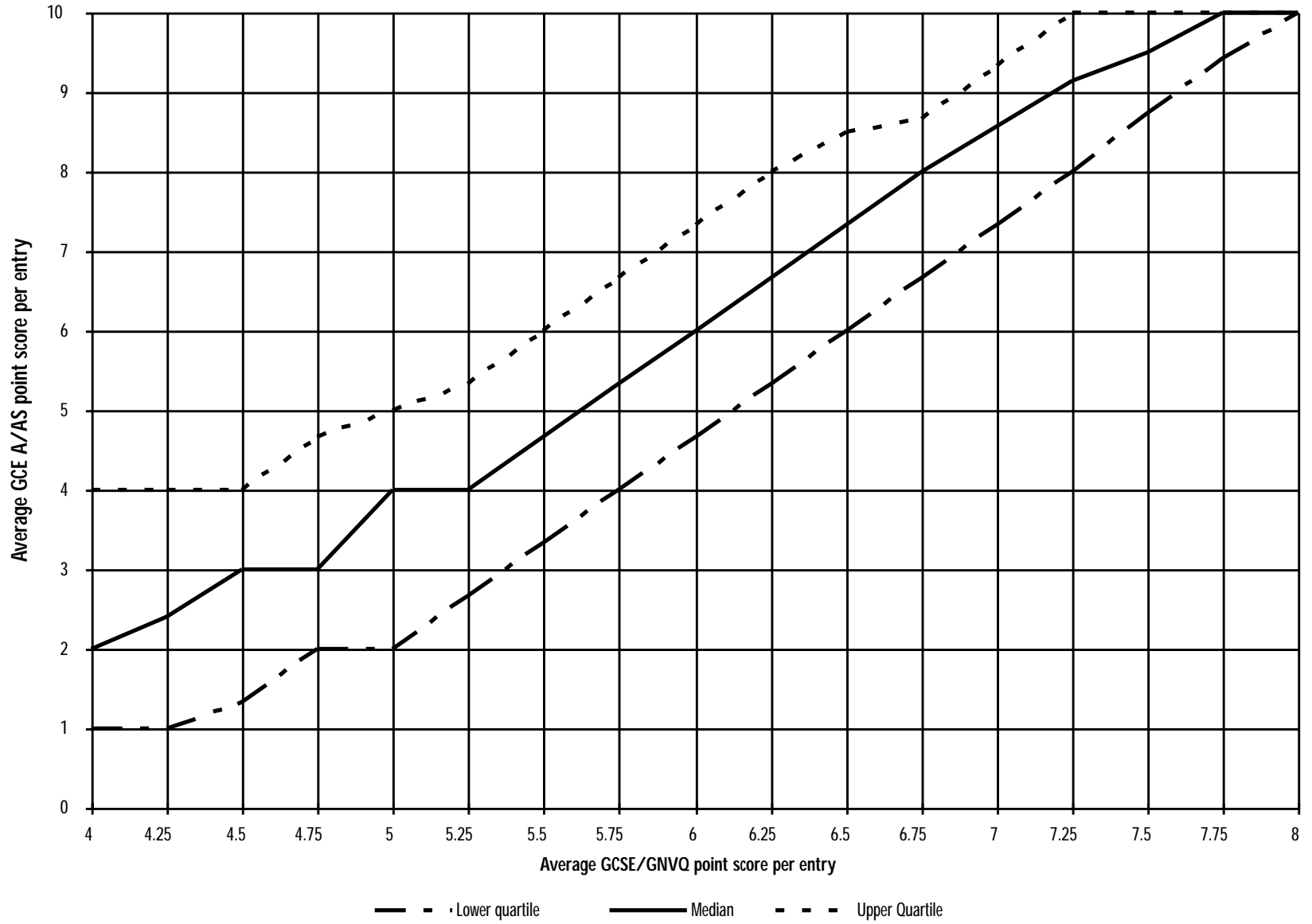


CHART 1A: The National Picture: All institutions

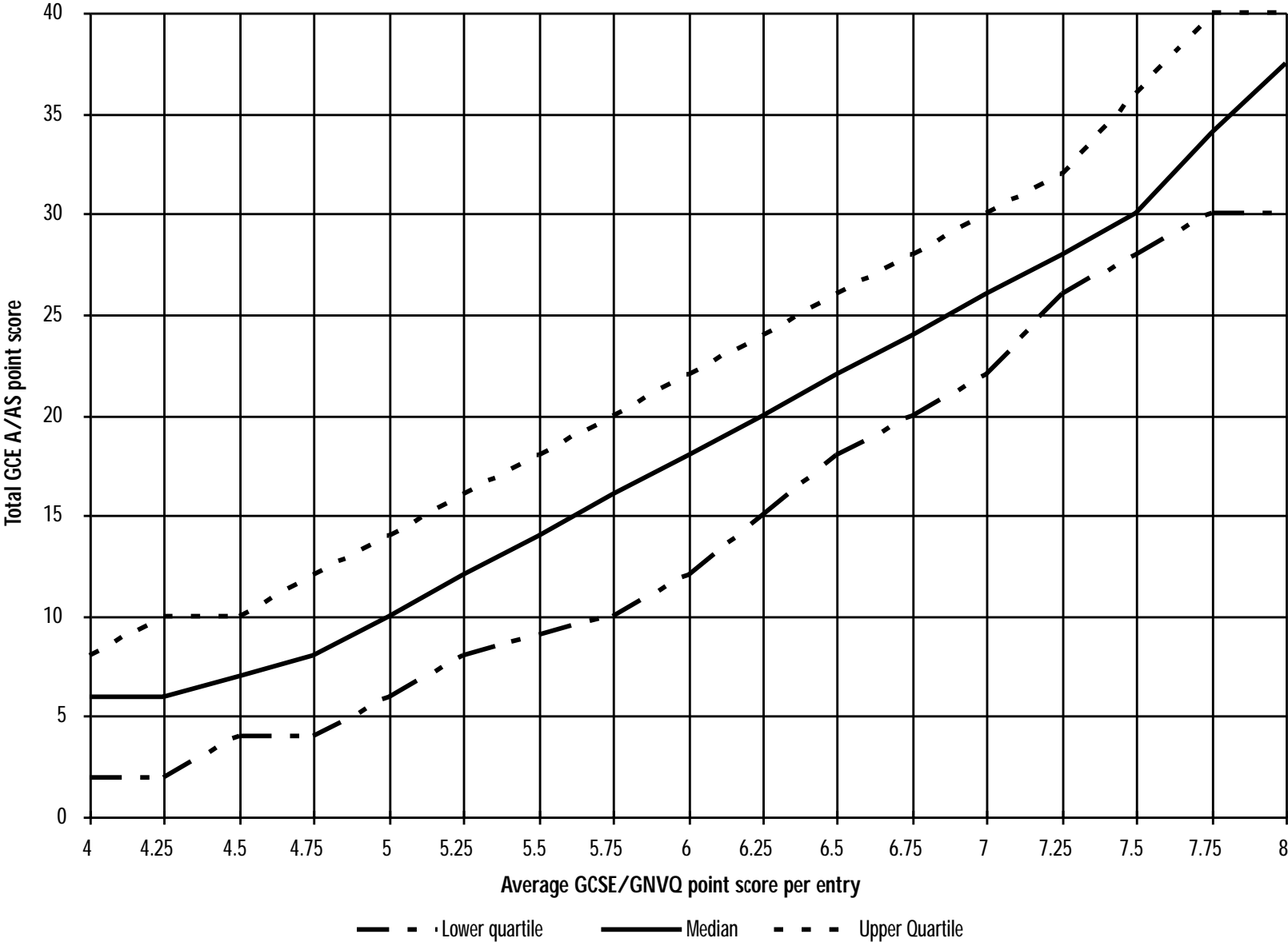


CHART 2: Comprehensive, Modern and Other Maintained Schools (Non selective schools) – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

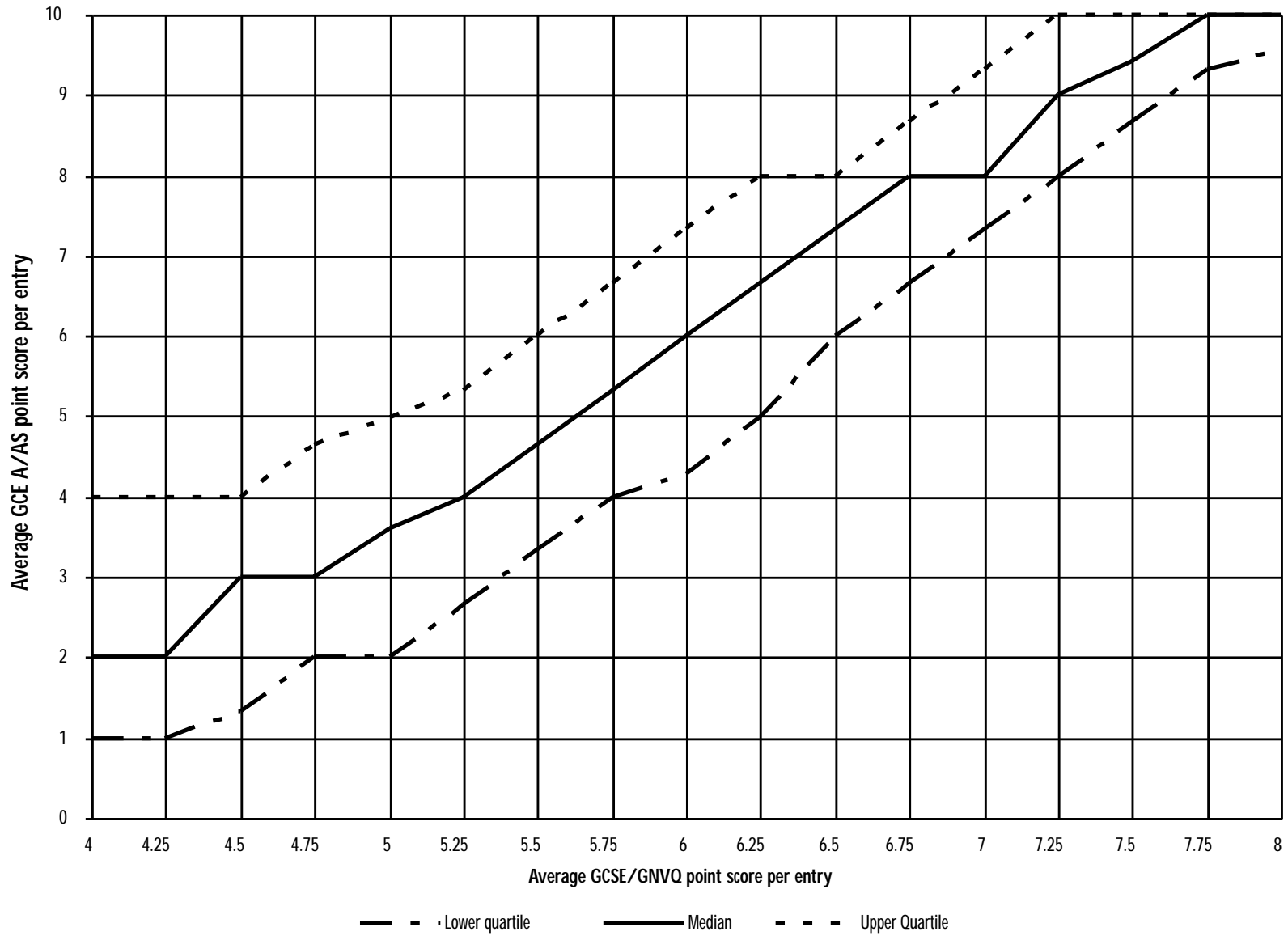


CHART 2A: Comprehensive, Modern and Other Maintained Schools (Non selective schools) – 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS point score'

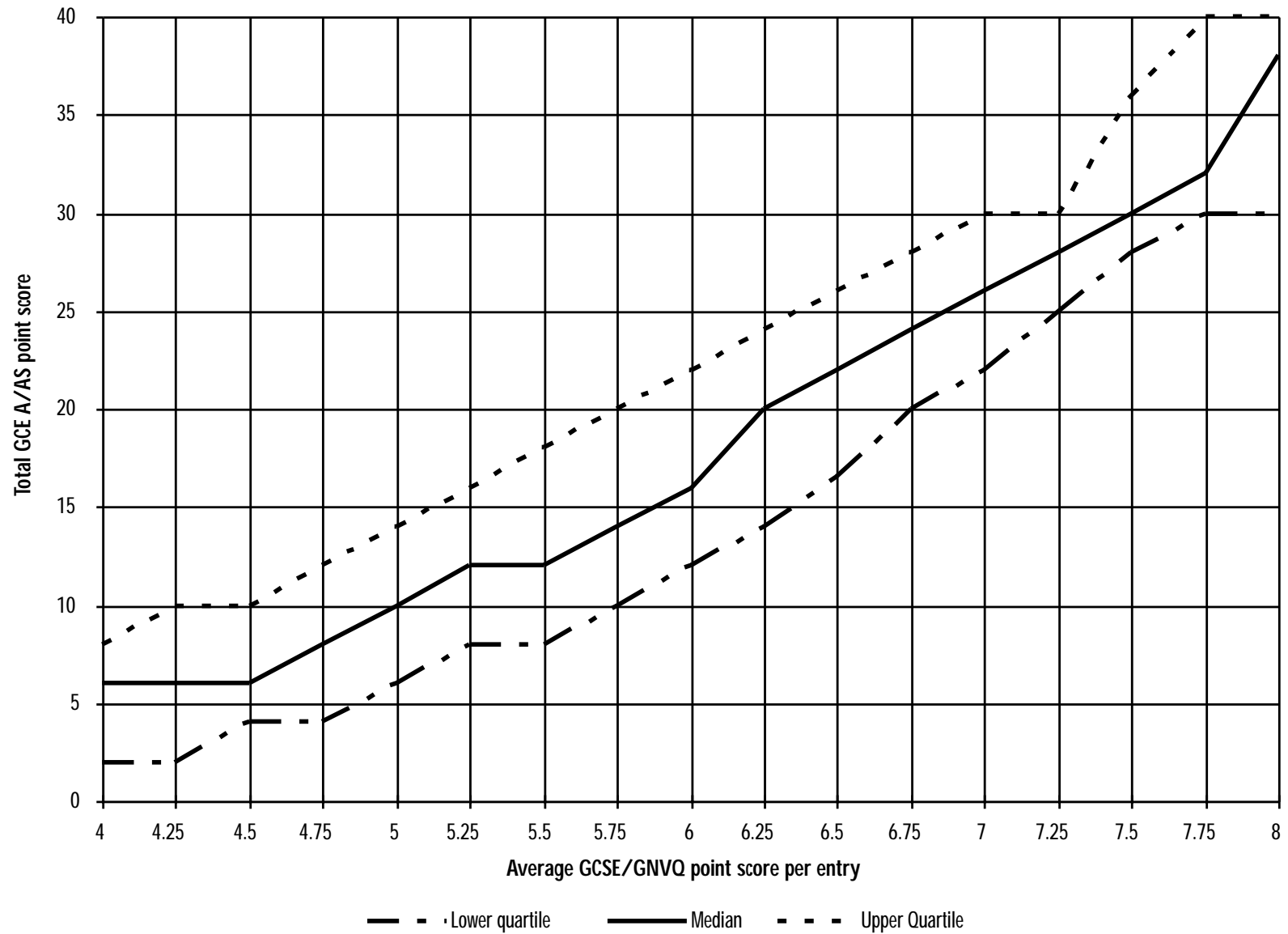


CHART 3 : Selective schools - 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

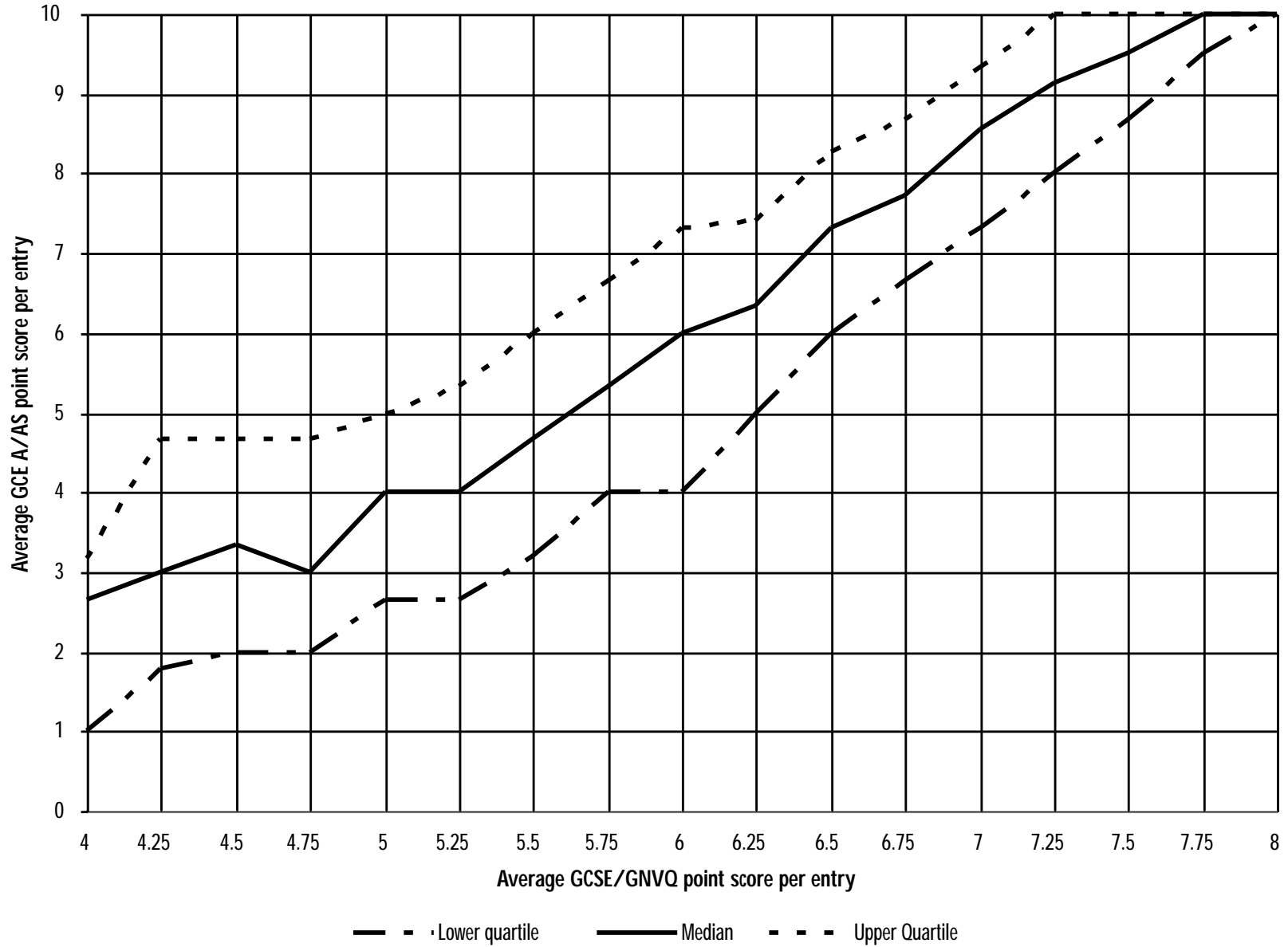


CHART 3A: Selective schools – 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS point score'

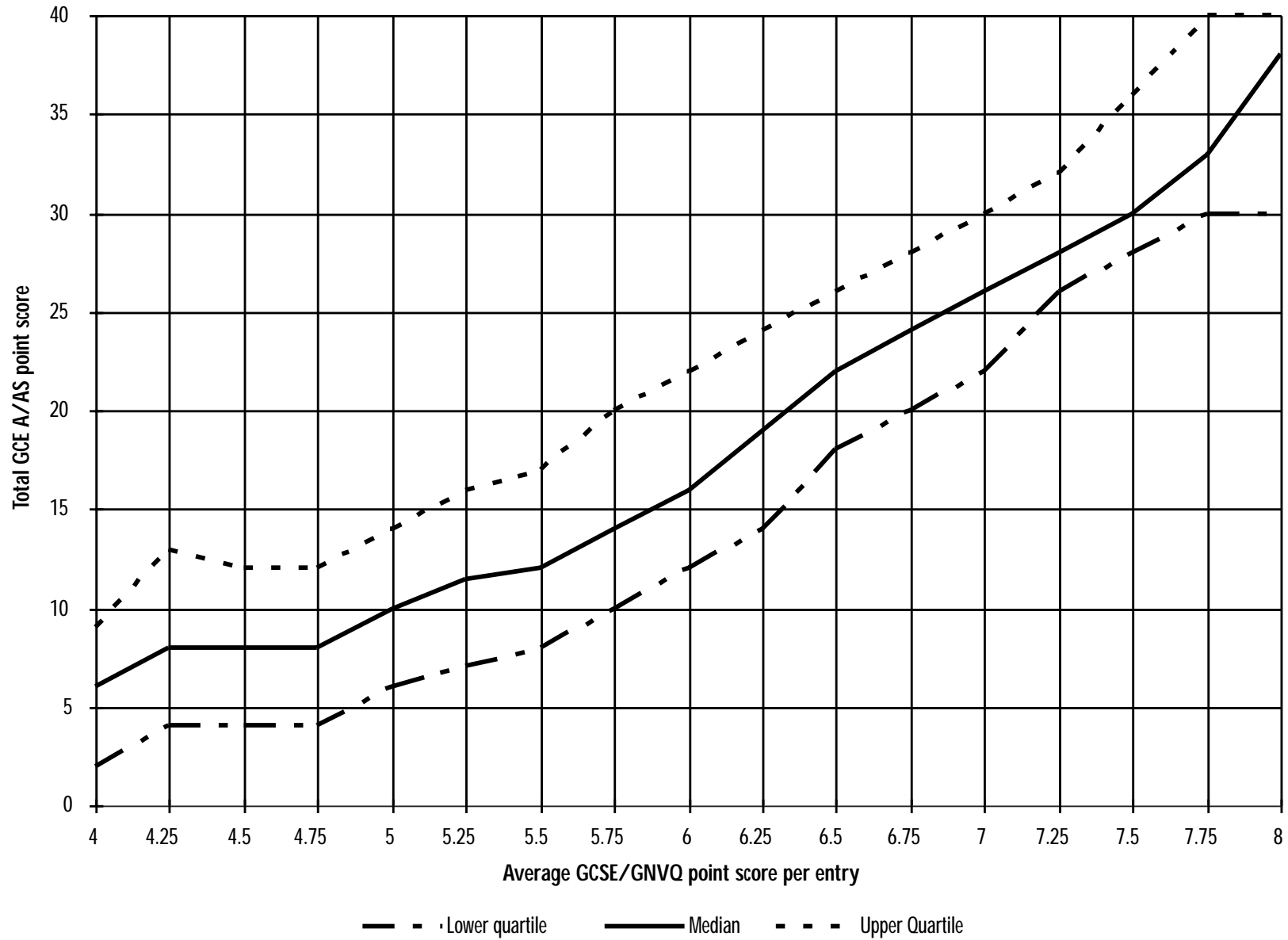


CHART 4: Independent schools – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

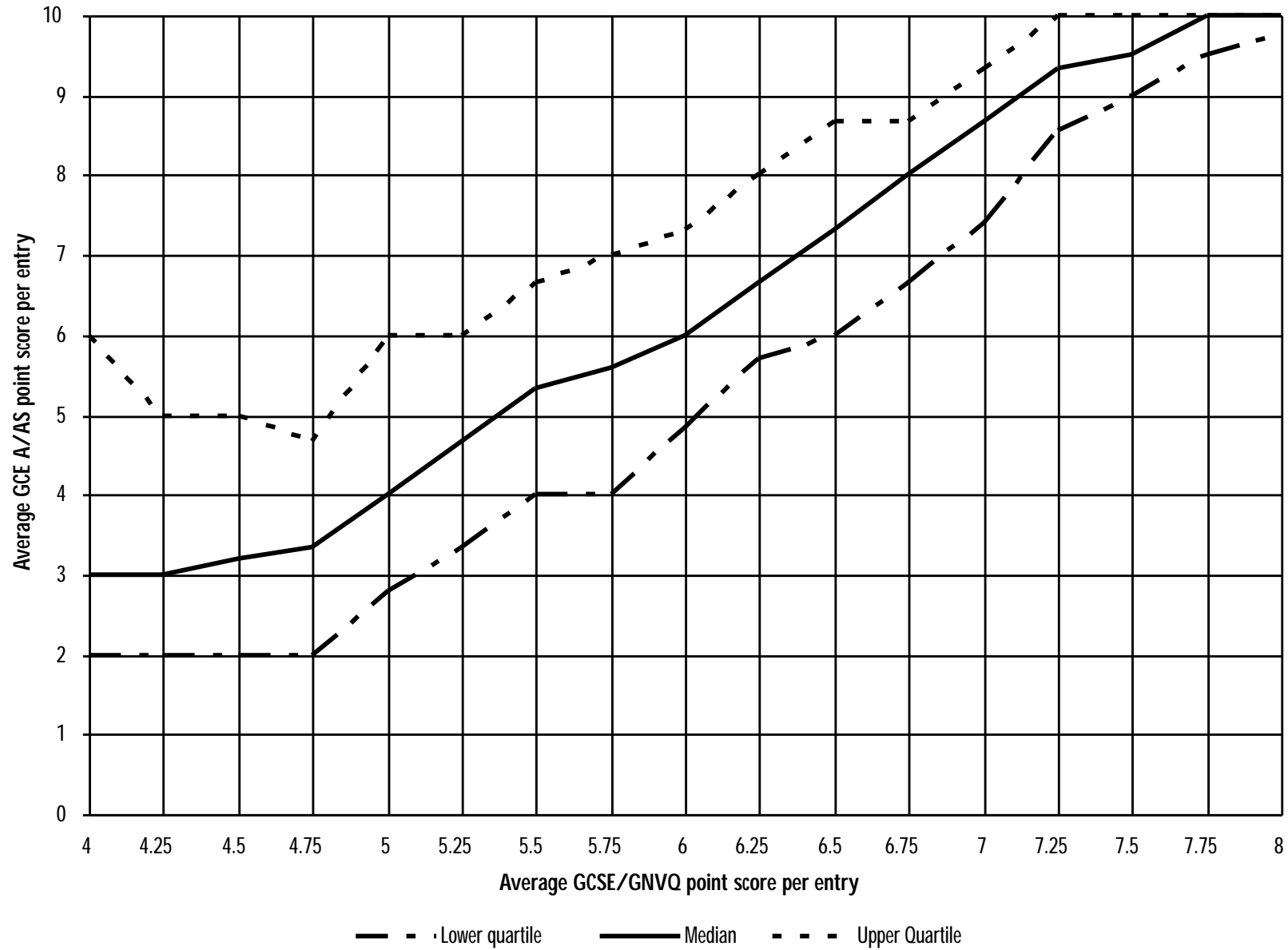


CHART 4A: Independent schools – 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS point score'

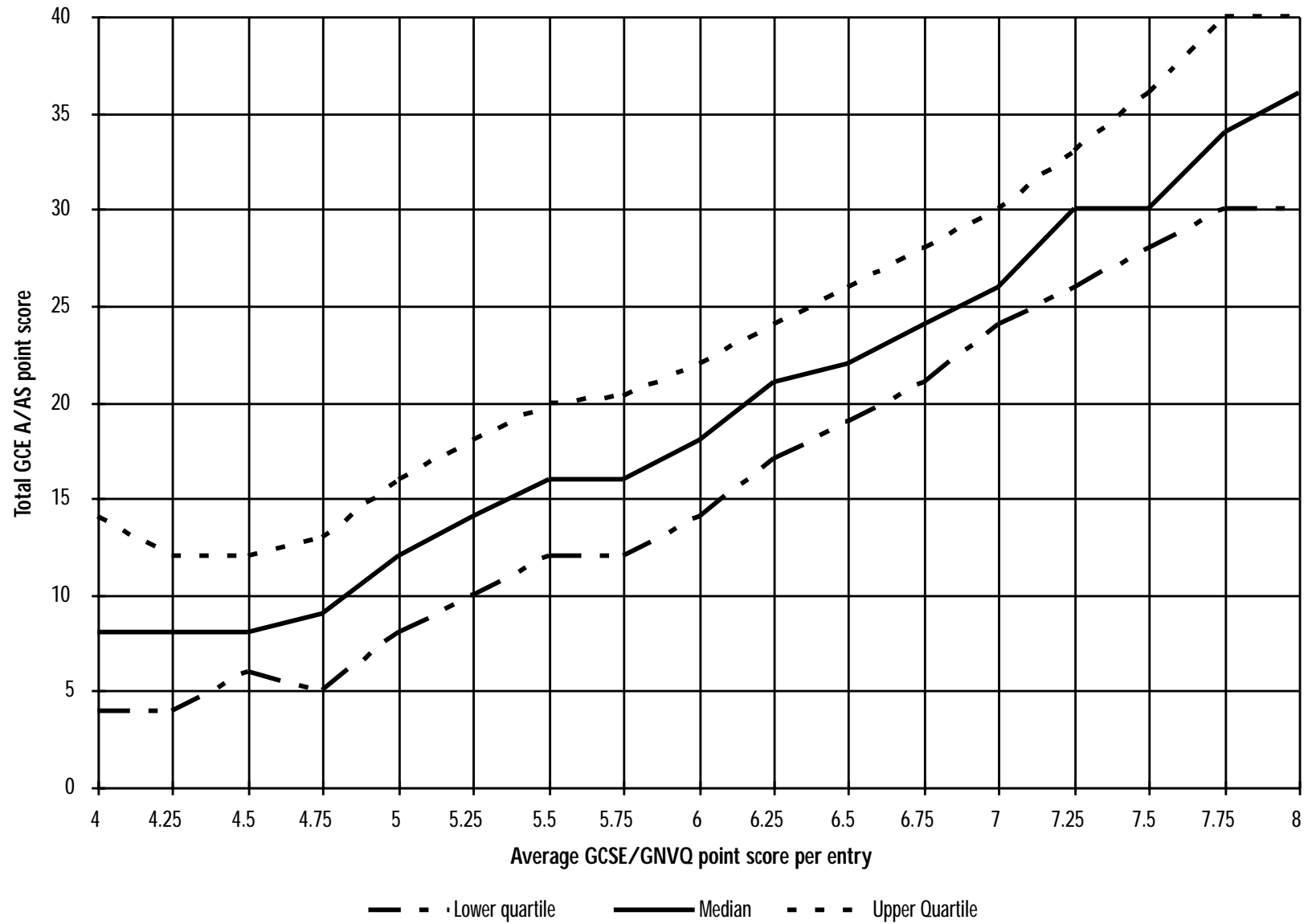


CHART 5: Further Education Sector Colleges (including Sixth Form Colleges) – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

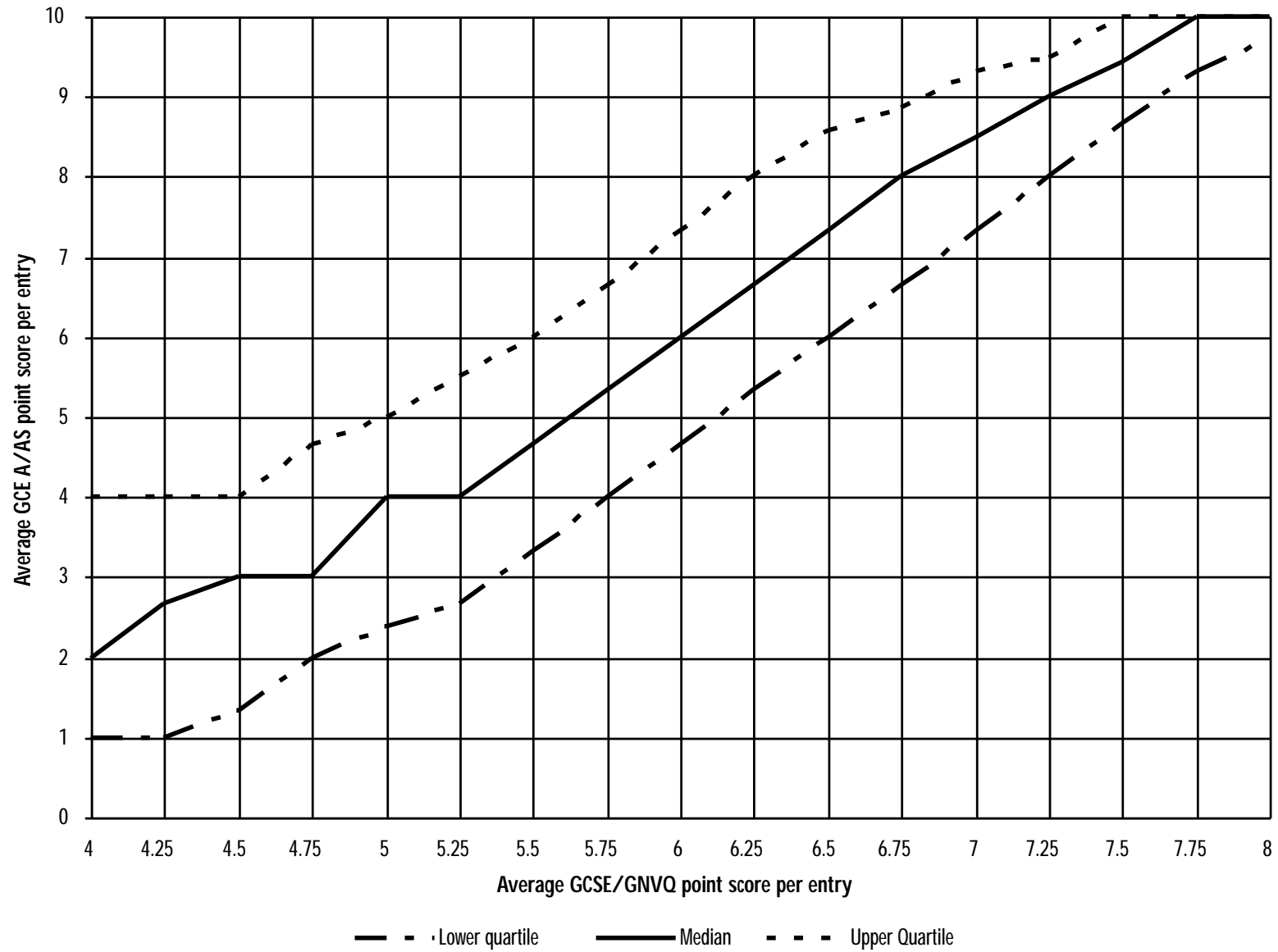


CHART 5A: Further Education Sector Colleges (including Sixth Form Colleges) – 'average GCSE/GNVQ point score per entry' against 'total GCE A/AS point score'

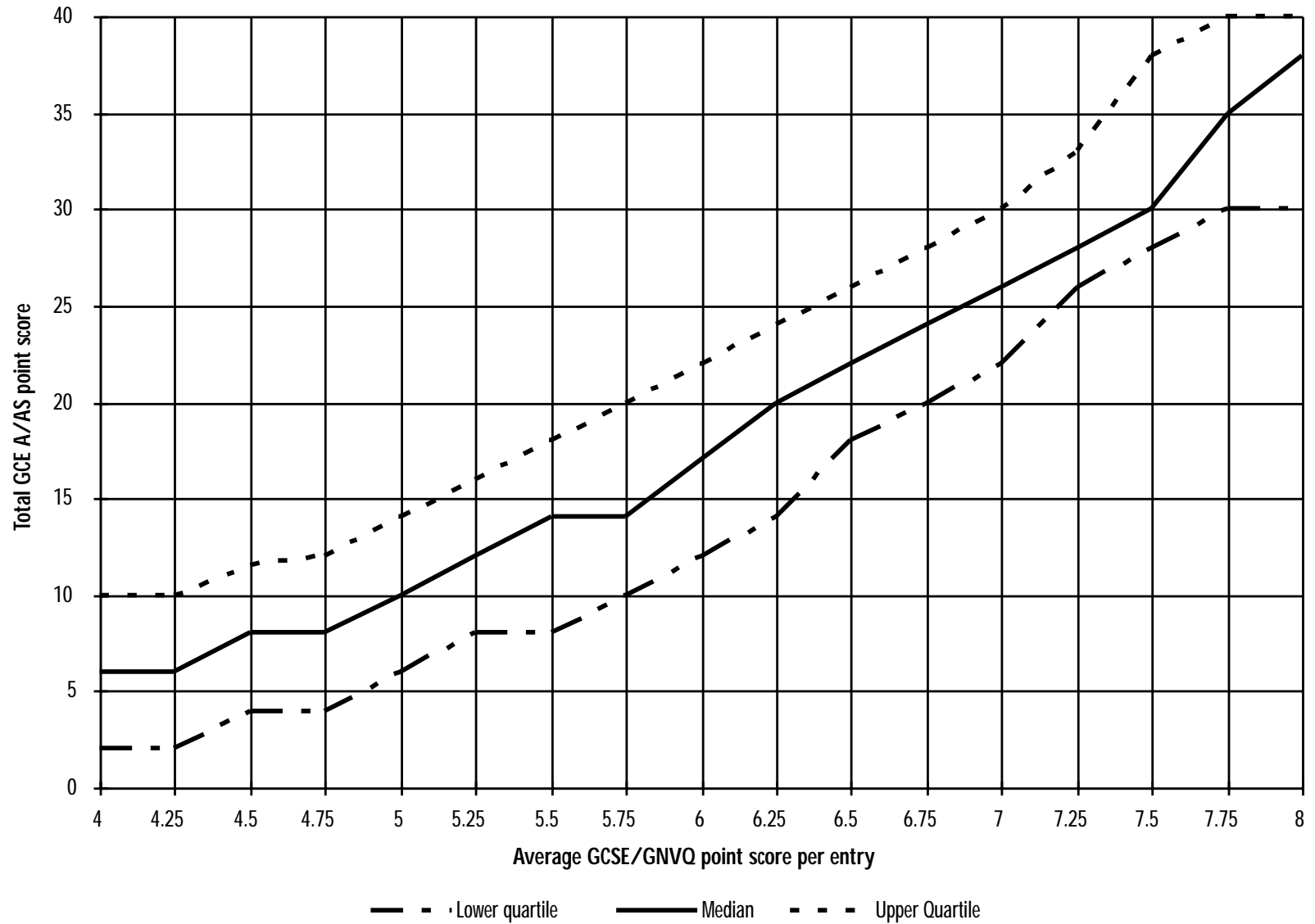


CHART 6: Candidates attempting GCE A/AS science subjects only – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

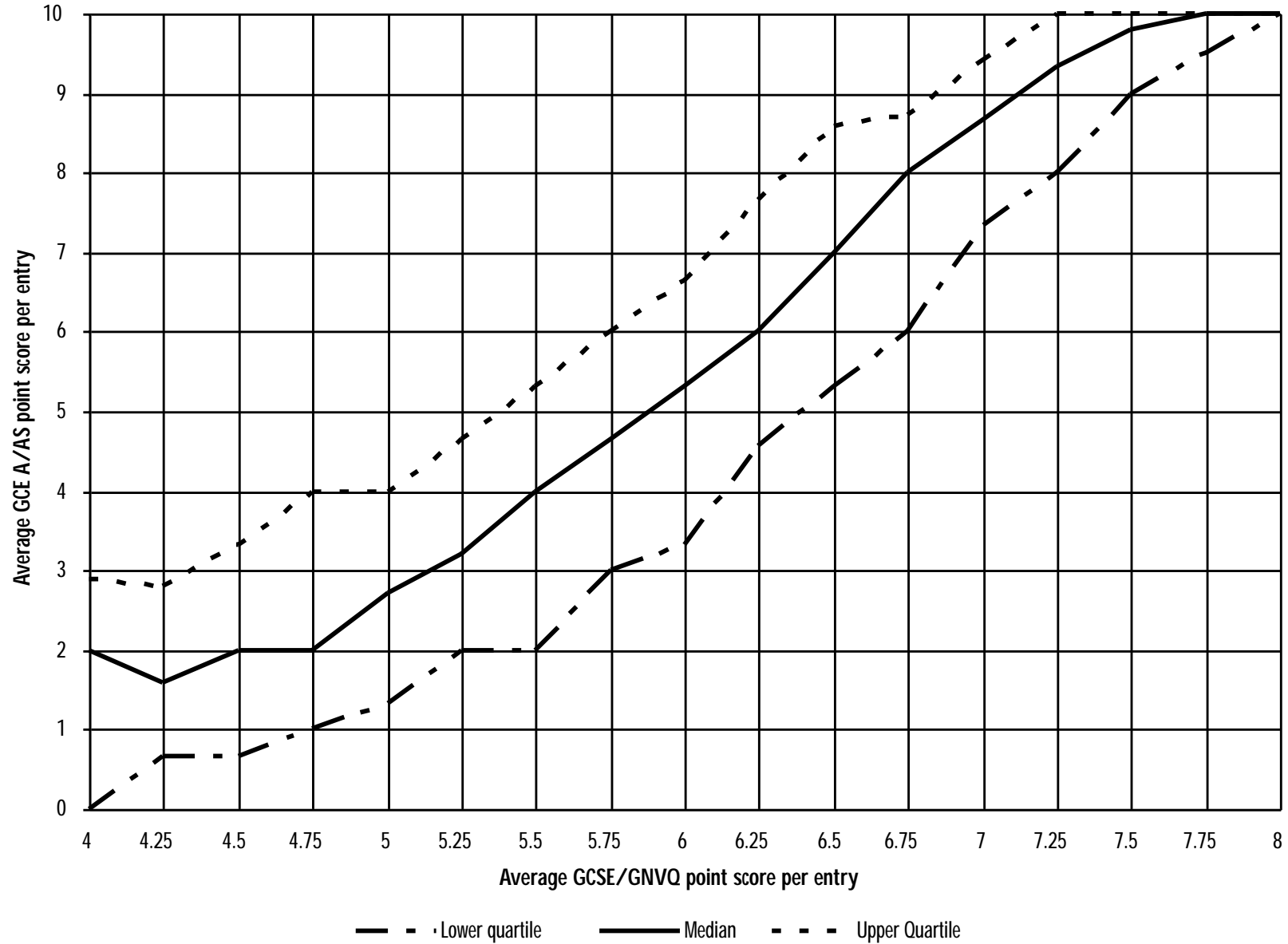


CHART 7: Candidates attempting GCE A/AS non-science subjects only – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

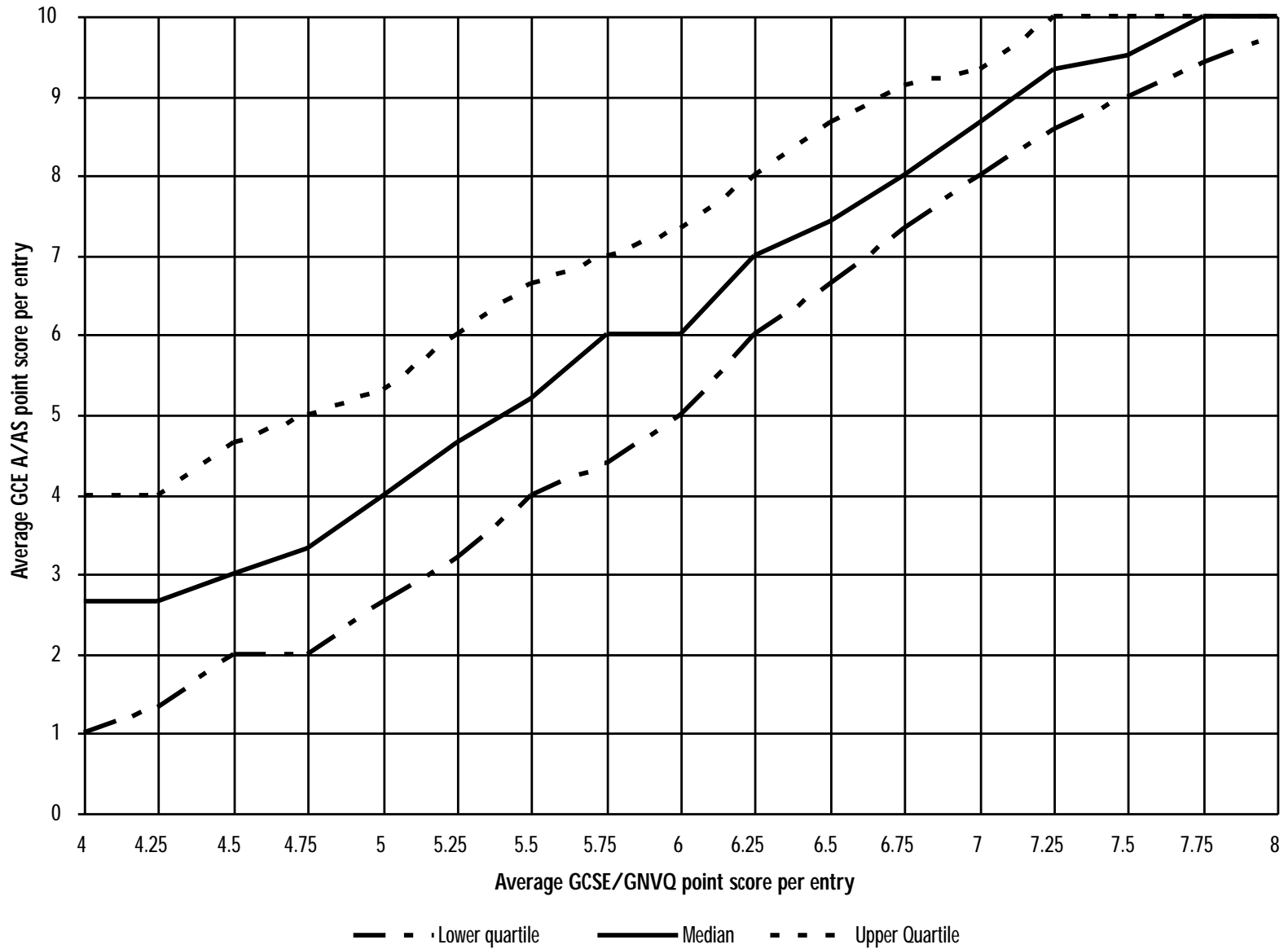


CHART 8: Candidates attempting a mix of GCE A/AS science and non-science subjects – 'average GCSE/GNVQ point score per entry' against 'average GCE A/AS point score per entry'

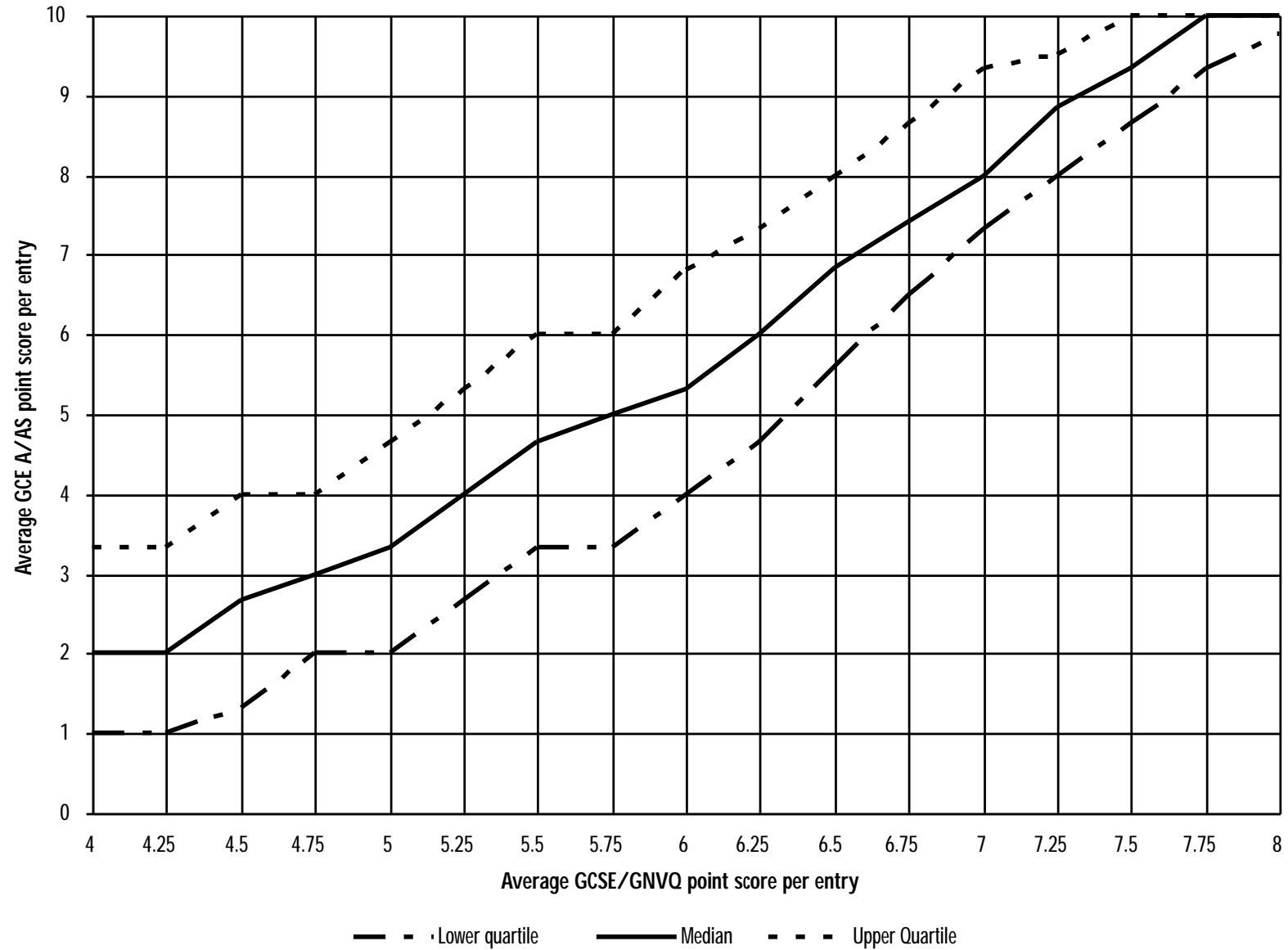


CHART 9: ENGLISH – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'

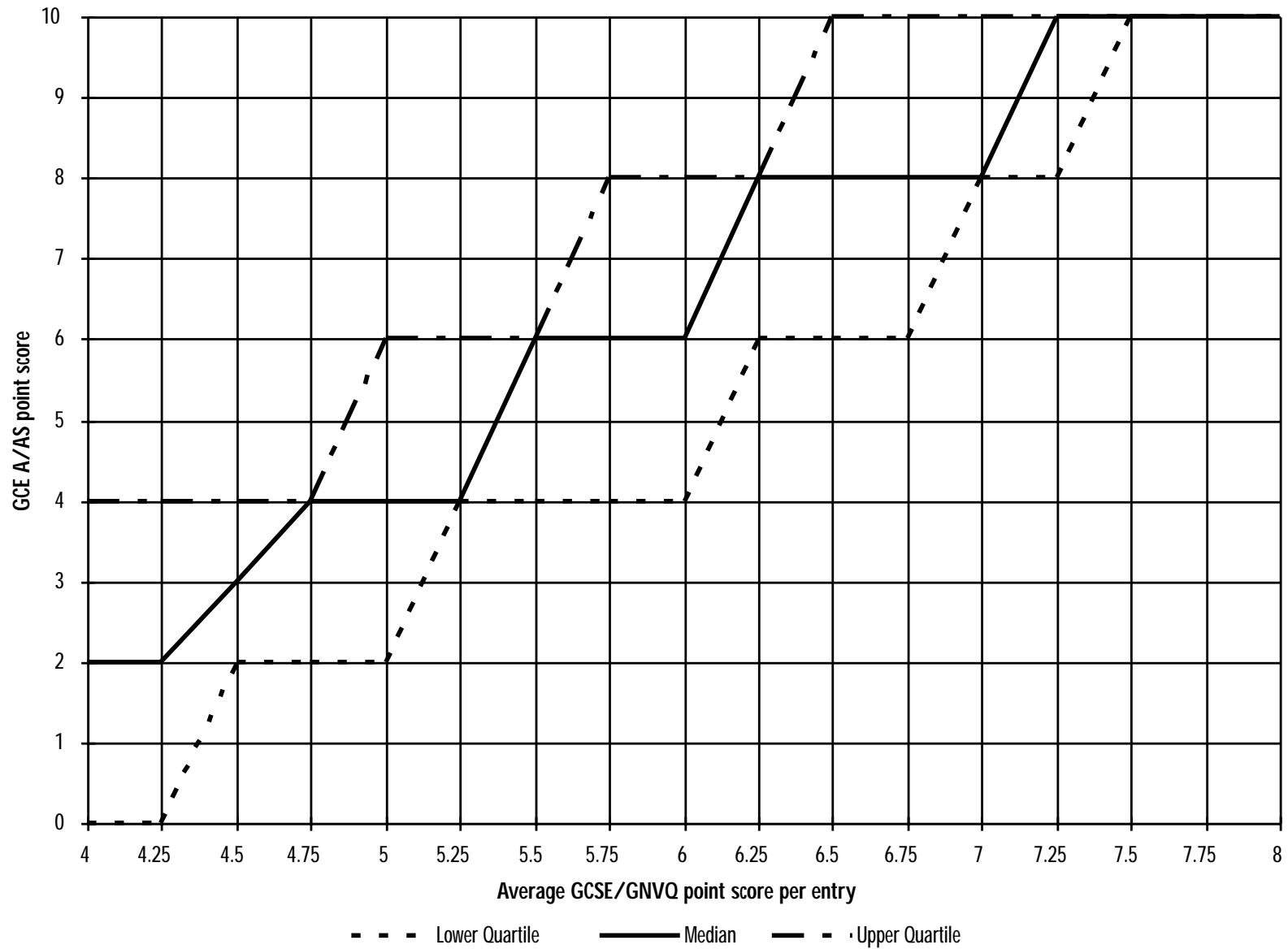


CHART 10: MATHEMATICS – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'

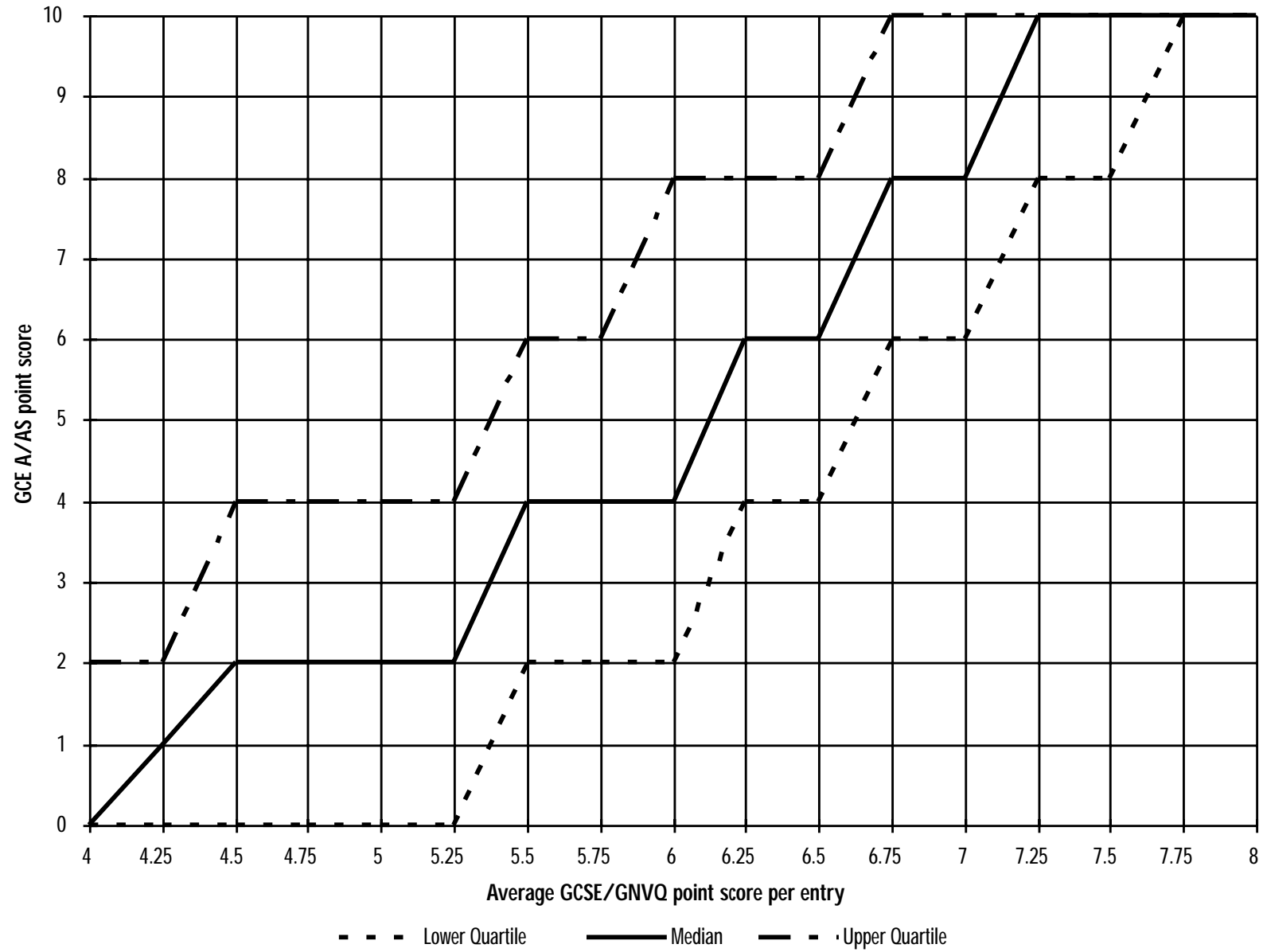


CHART 11: PHYSICS – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'

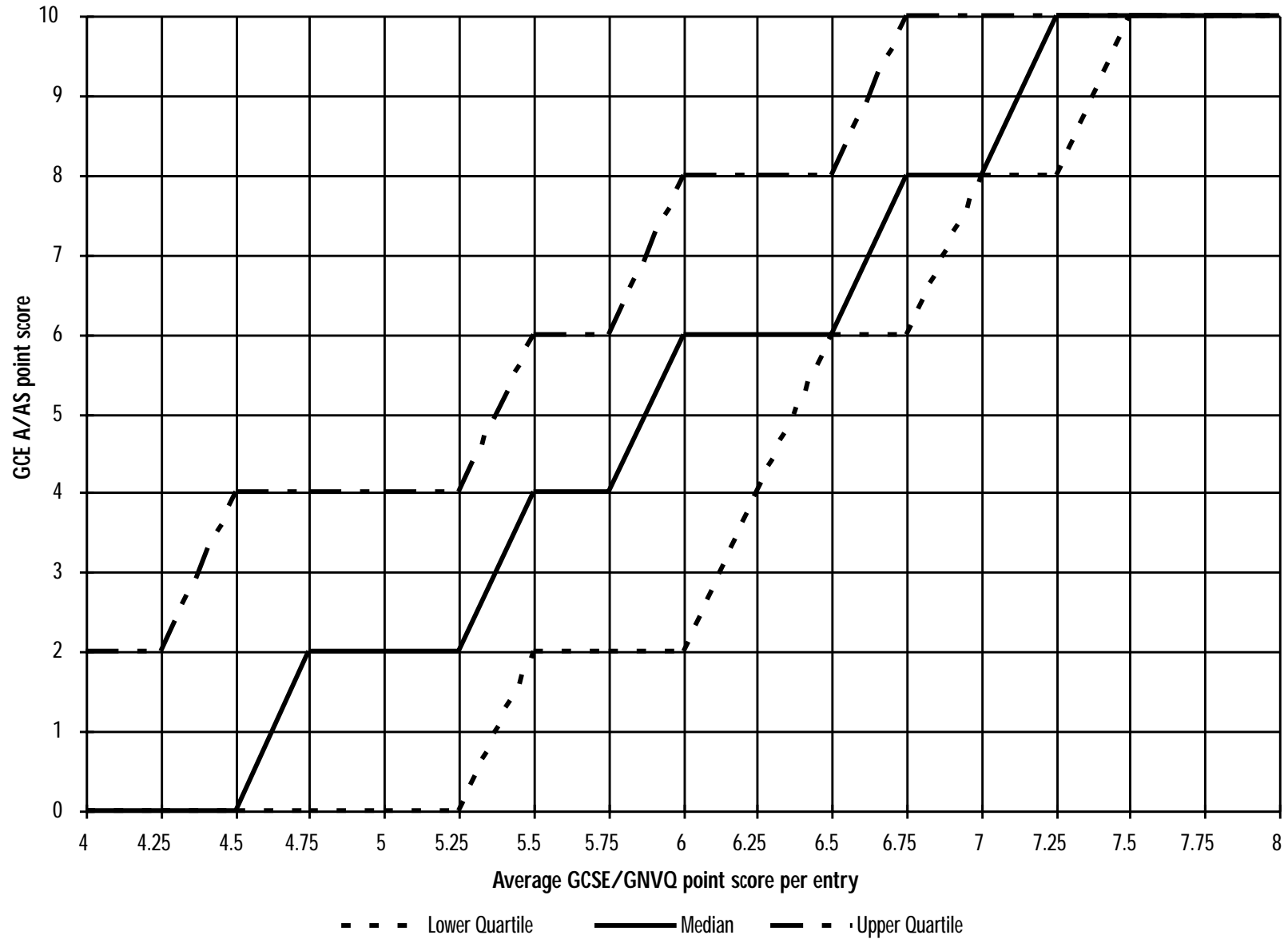


CHART 12: CHEMISTRY – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'

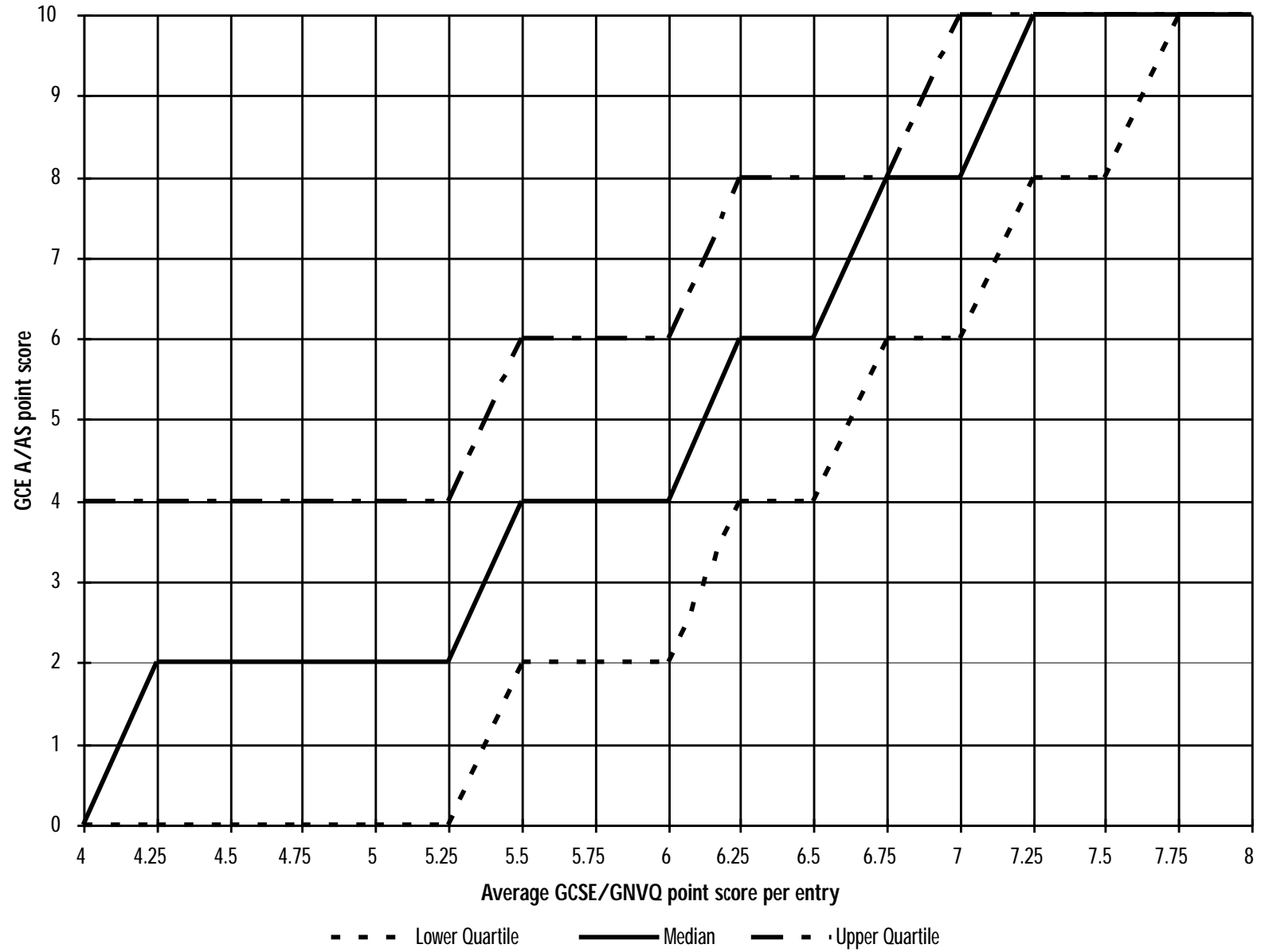


CHART 13: BIOLOGICAL SCIENCES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score'

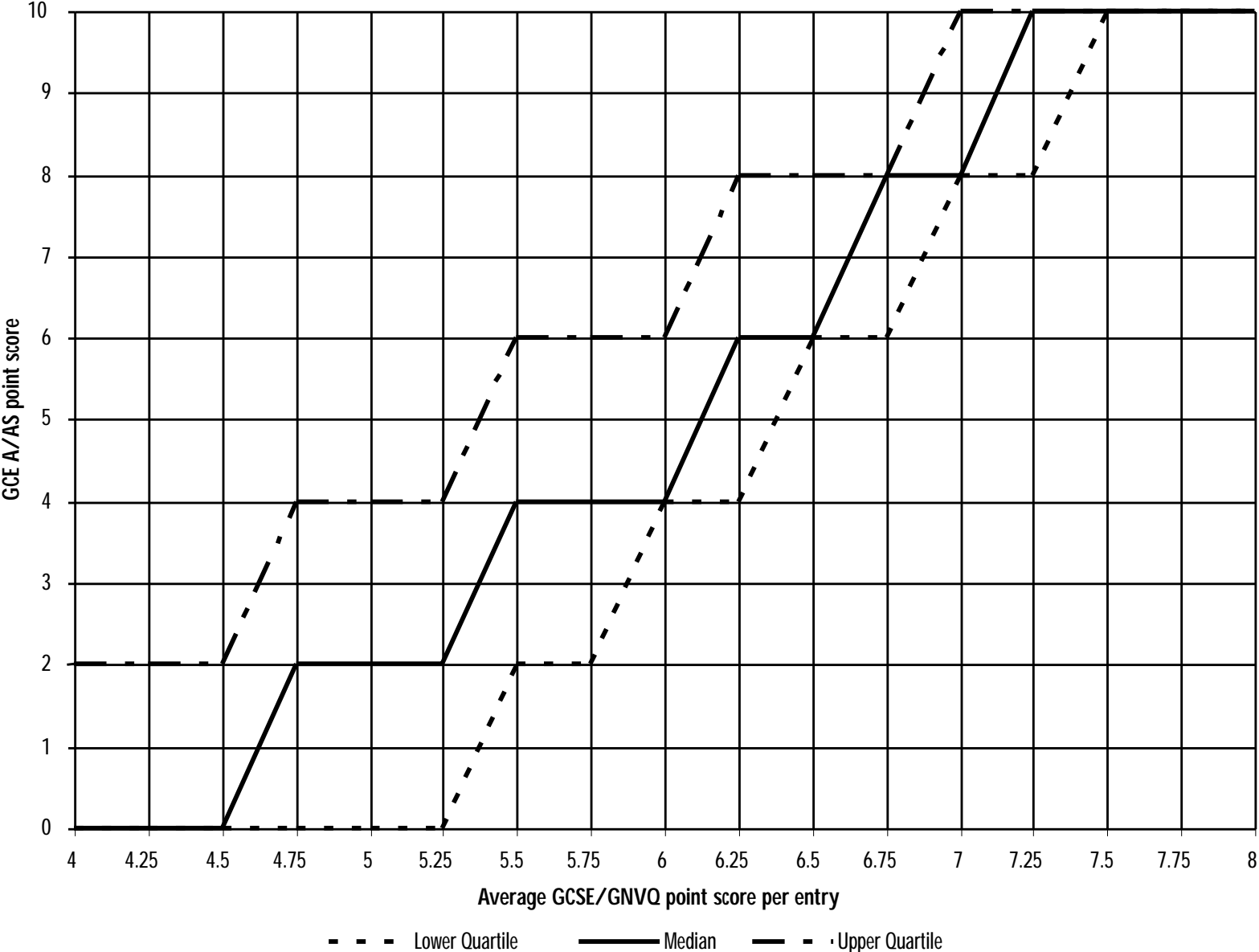


TABLE 1A:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more pre-QfS GCE A/AS examinations including any new QfS A/AS Levels results obtained¹ – 2000/01
All establishments

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	50	25	17	4	2	1	0	0	882
4 to 4.4	42	31	20	5	2	0	0	0	4,966
4.5 to 4.9	29	30	29	9	3	0	0	0	15,309
5 to 5.4	15	24	35	16	9	1	0	0	30,924
5.5 to 5.9	6	15	33	22	19	4	1	0	34,163
6 to 6.4	2	7	22	23	31	11	3	1	36,578
6.5 to 6.9	1	2	9	15	36	23	10	3	26,739
7 to 7.4	0	0	2	6	24	31	24	13	19,423
7.5 to 7.9	0	0	0	1	6	20	36	37	9,053
8	0	0	0	1	1	6	28	64	806
Total	8	12	21	16	20	11	7	4	178,843

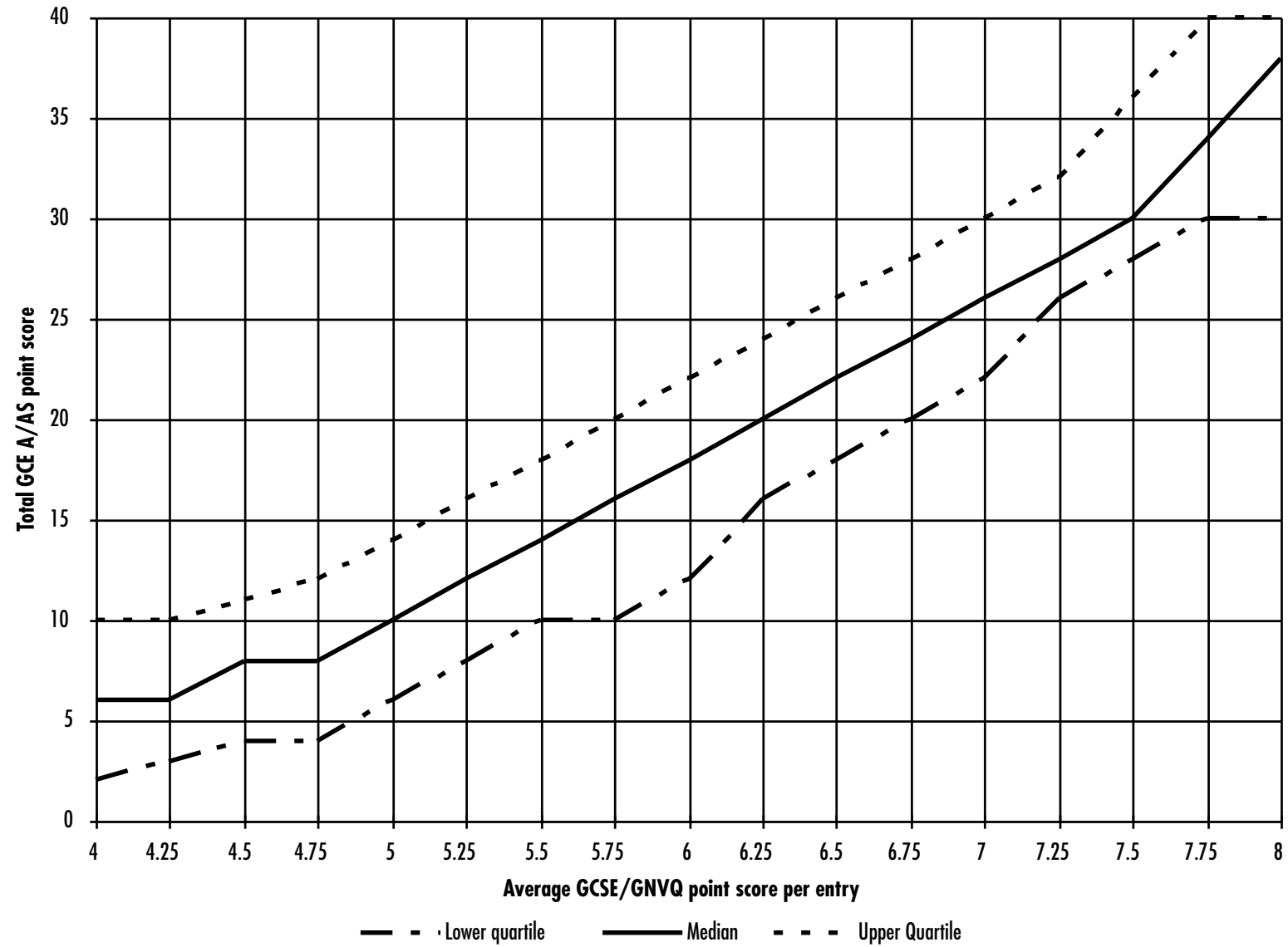
¹ Student coverage the same as Table 1: 17 year olds entering 2 or more pre-QfS GCE A/AS examinations. The A/AS results of those students include the achievement gained in any QfS A/AS levels taken.

TABLE 1B:
GCSE and GCE A/AS performance of 17 year olds entering 2 or more GCE pre-QfS/QfS A/AS examinations¹ – 2000/01
All establishments

Average GCSE/GNVQ point score per entry	Percentage of candidates with given GCSE/GNVQ score achieving GCE A/AS scores of								Total candidates
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35+	
Less than 4	49	28	16	4	2	1	0	0	1,144
4 to 4.4	42	32	19	4	2	0	0	0	5,694
4.5 to 4.9	30	31	28	8	3	0	0	0	16,484
5 to 5.4	15	25	34	15	8	1	0	0	32,398
5.5 to 5.9	6	15	33	22	18	4	1	0	35,221
6 to 6.4	2	7	22	23	31	11	3	1	37,257
6.5 to 6.9	1	2	9	16	36	23	10	3	27,022
7 to 7.4	0	0	2	6	24	31	24	13	19,584
7.5 to 7.9	0	0	0	1	6	20	36	37	9,086
8	1	1	4	5	4	6	25	54	944
Total	9	13	21	15	20	11	7	4	184,834

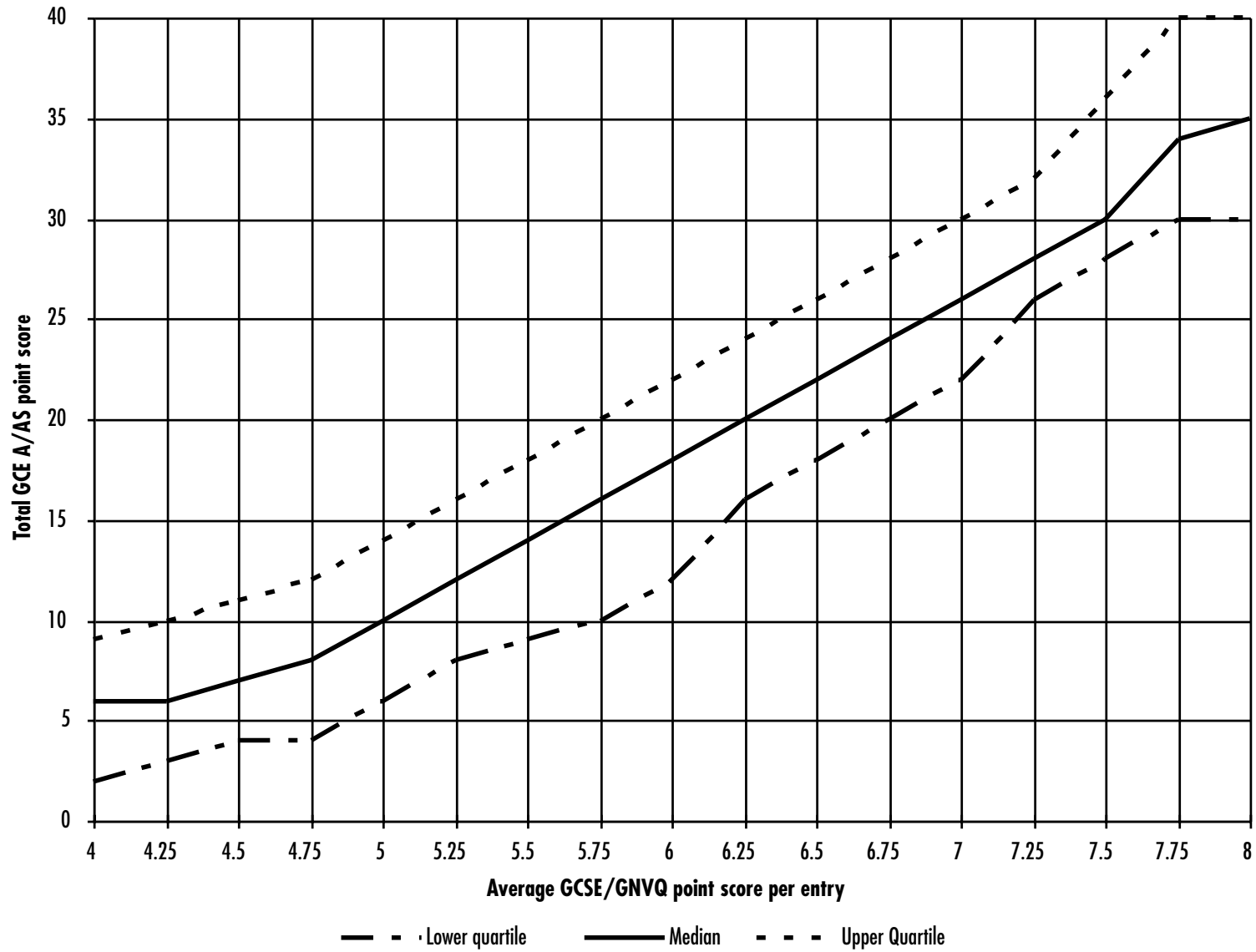
¹ Student coverage extended from Table 1 to include those who had entered at least 2 or more GCE A/AS examinations irrespective of whether these were pre-QfS or under QfS.

GCSE and GCE A/AS performance of 17 year olds entering 2 or more pre-QfS GCE A/AS examinations including any new QfS A/AS levels results obtained – 2000/01
All institutions

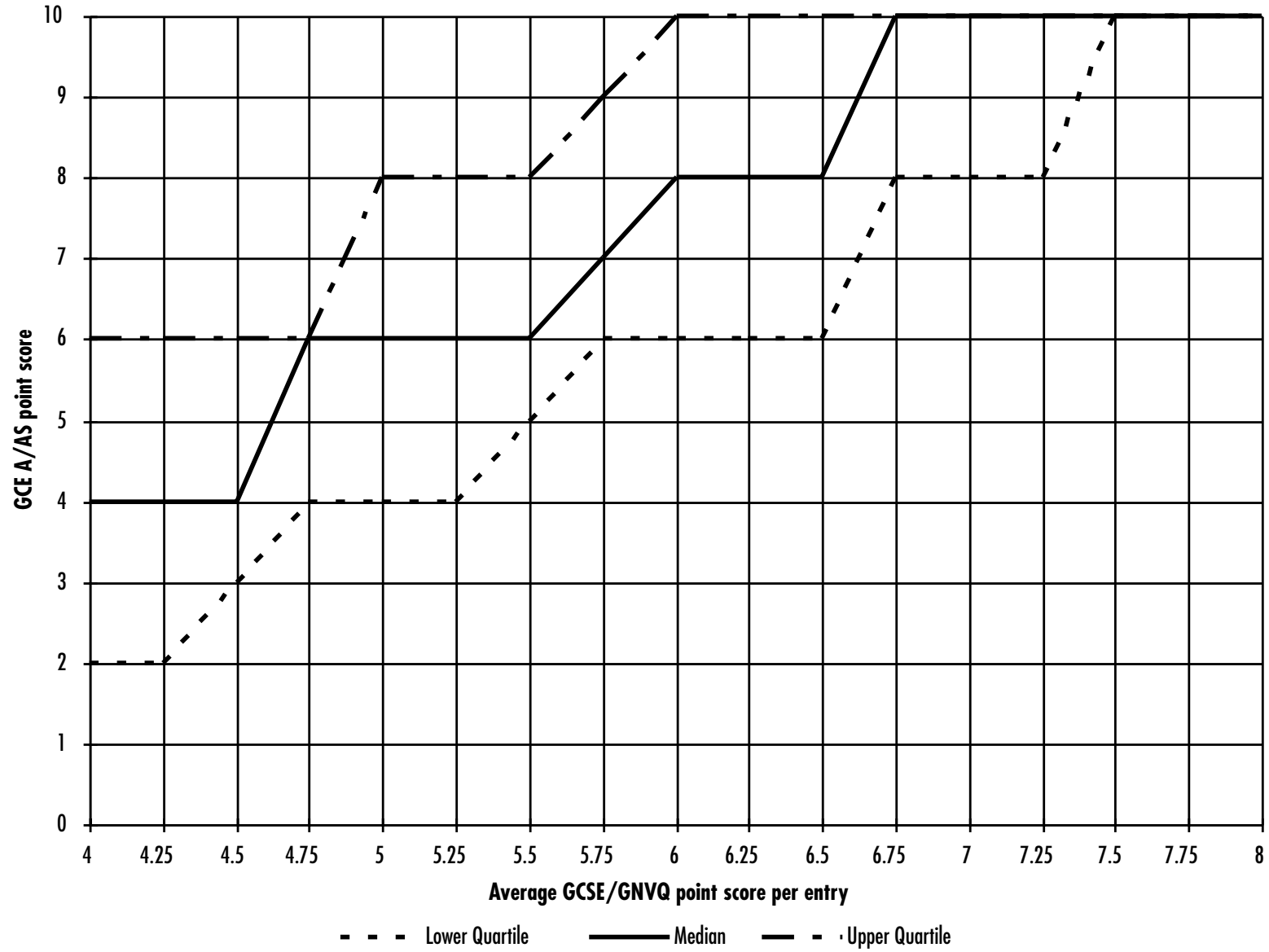


GCE and GCE A/AS performance of 17 year olds entering 2 or more pre-QfS/QfS GCE A/AS examinations – 2000/01

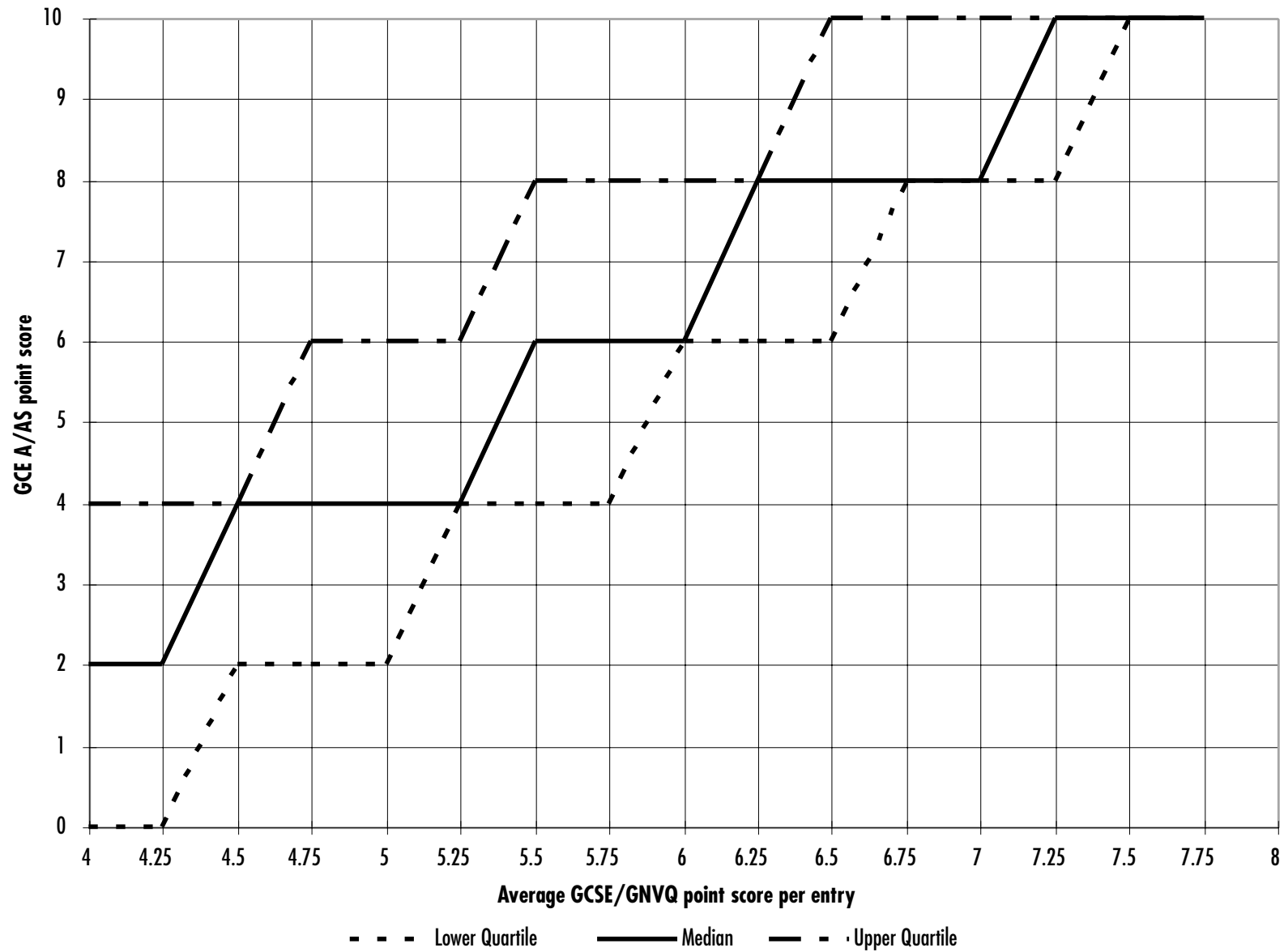
All institutions



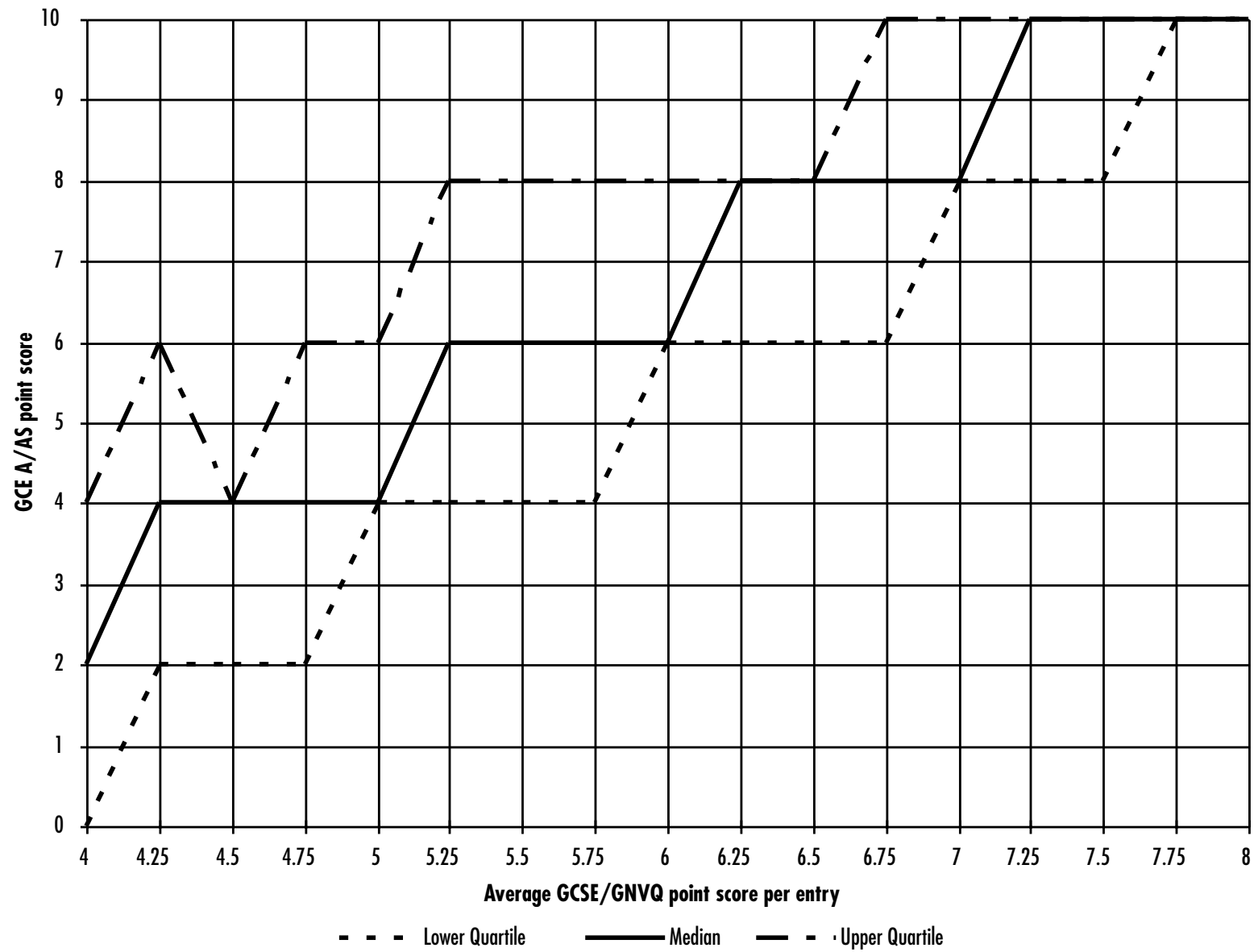
ART – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



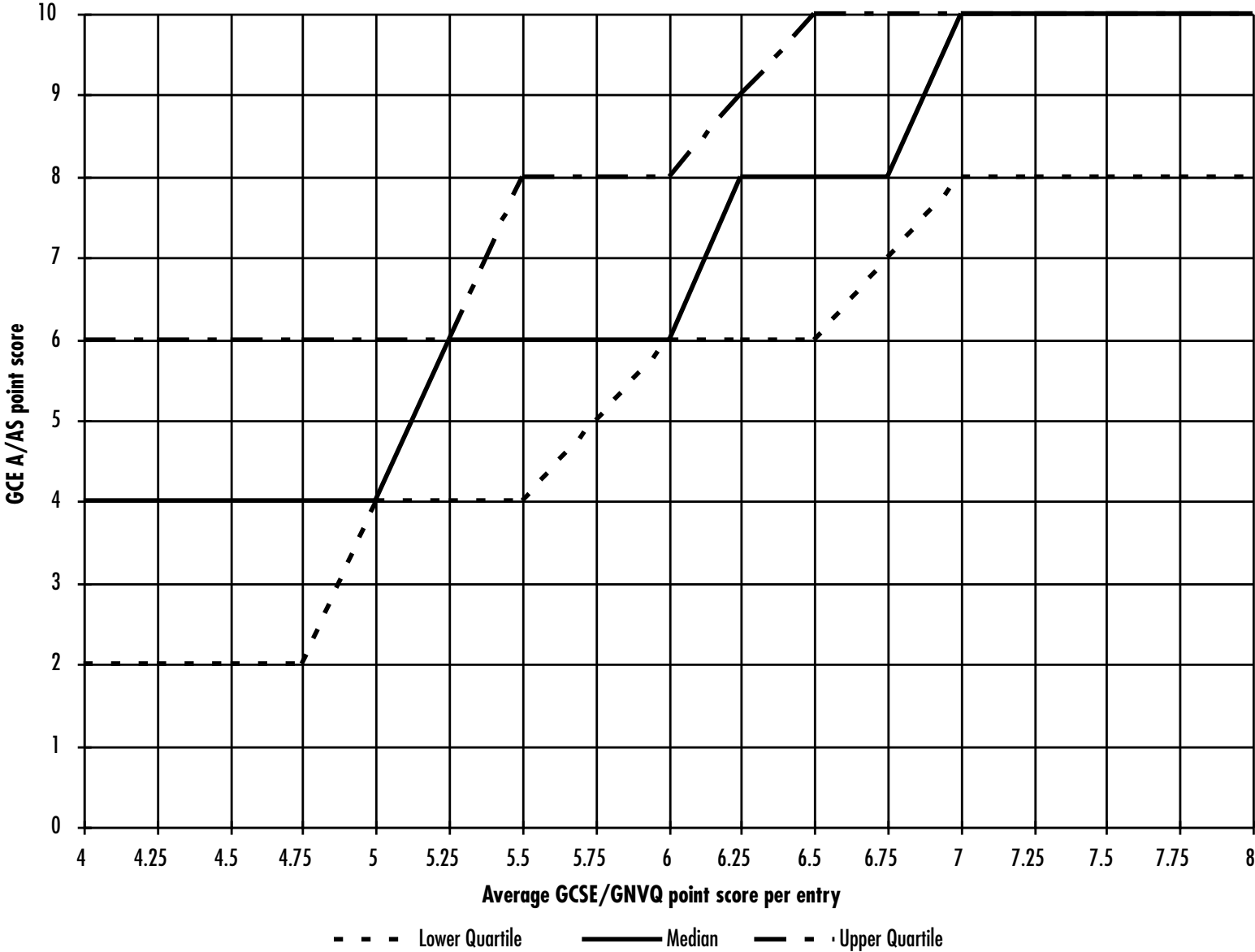
BUSINESS STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



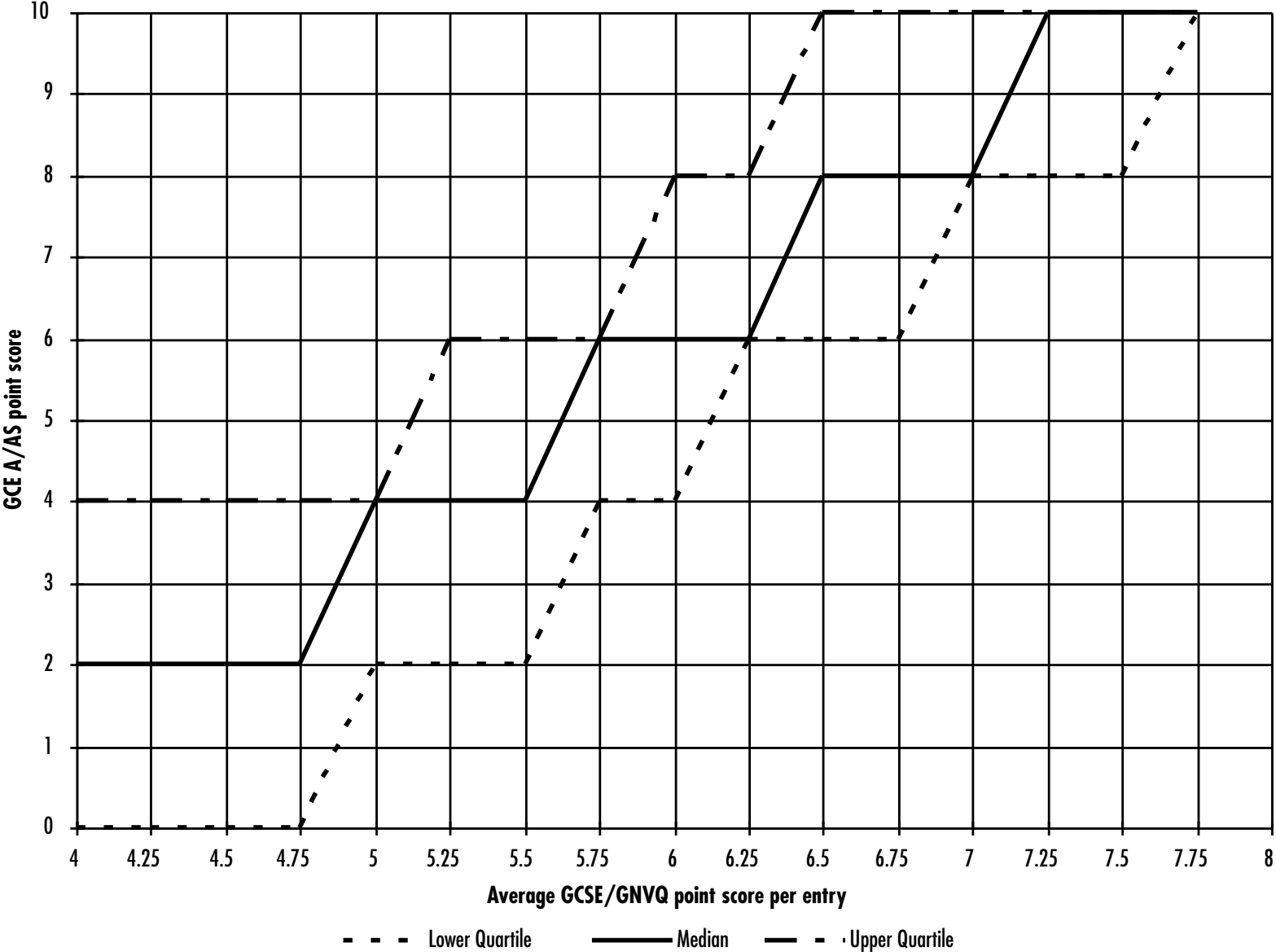
CLASSICAL STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



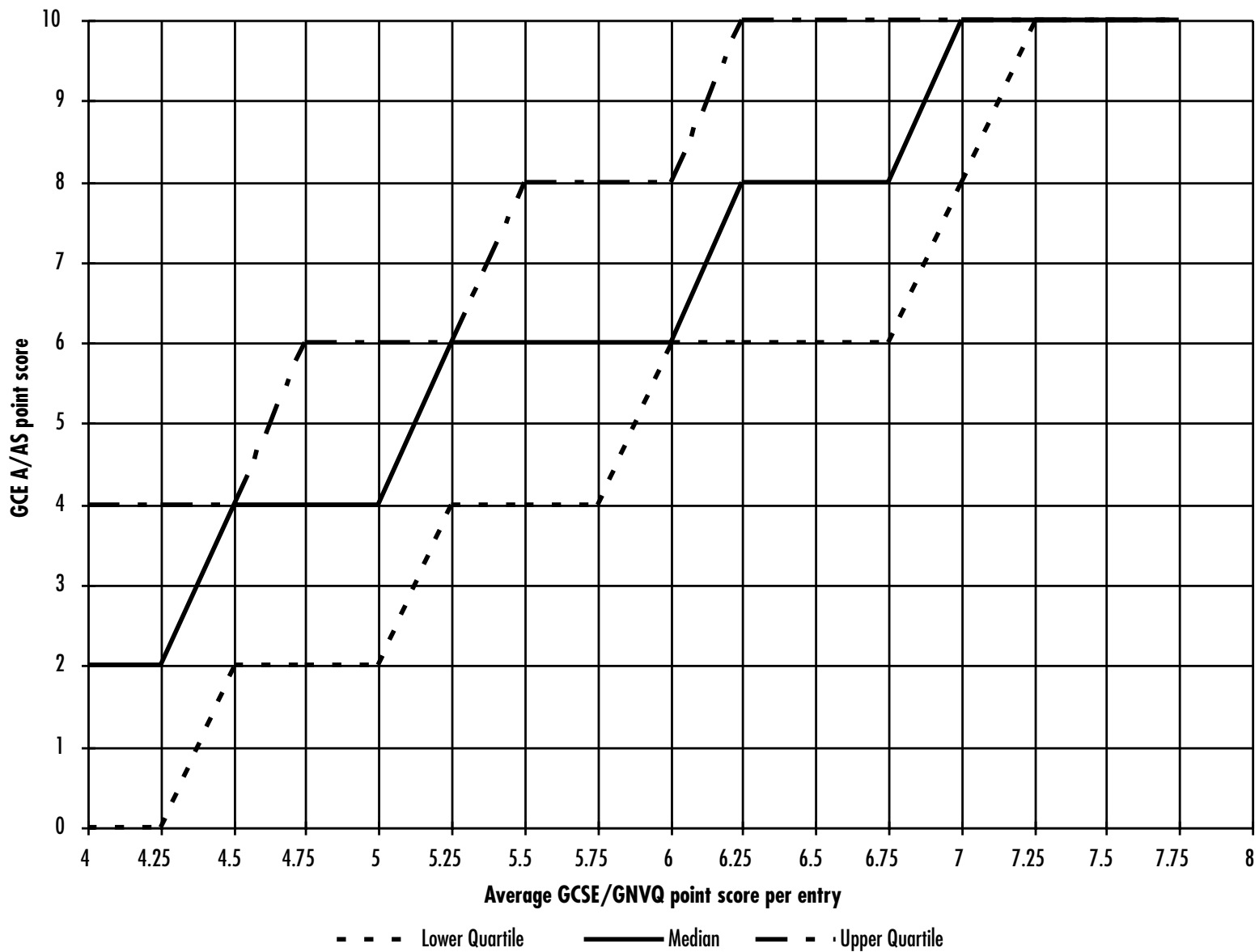
COMMUNICATION STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



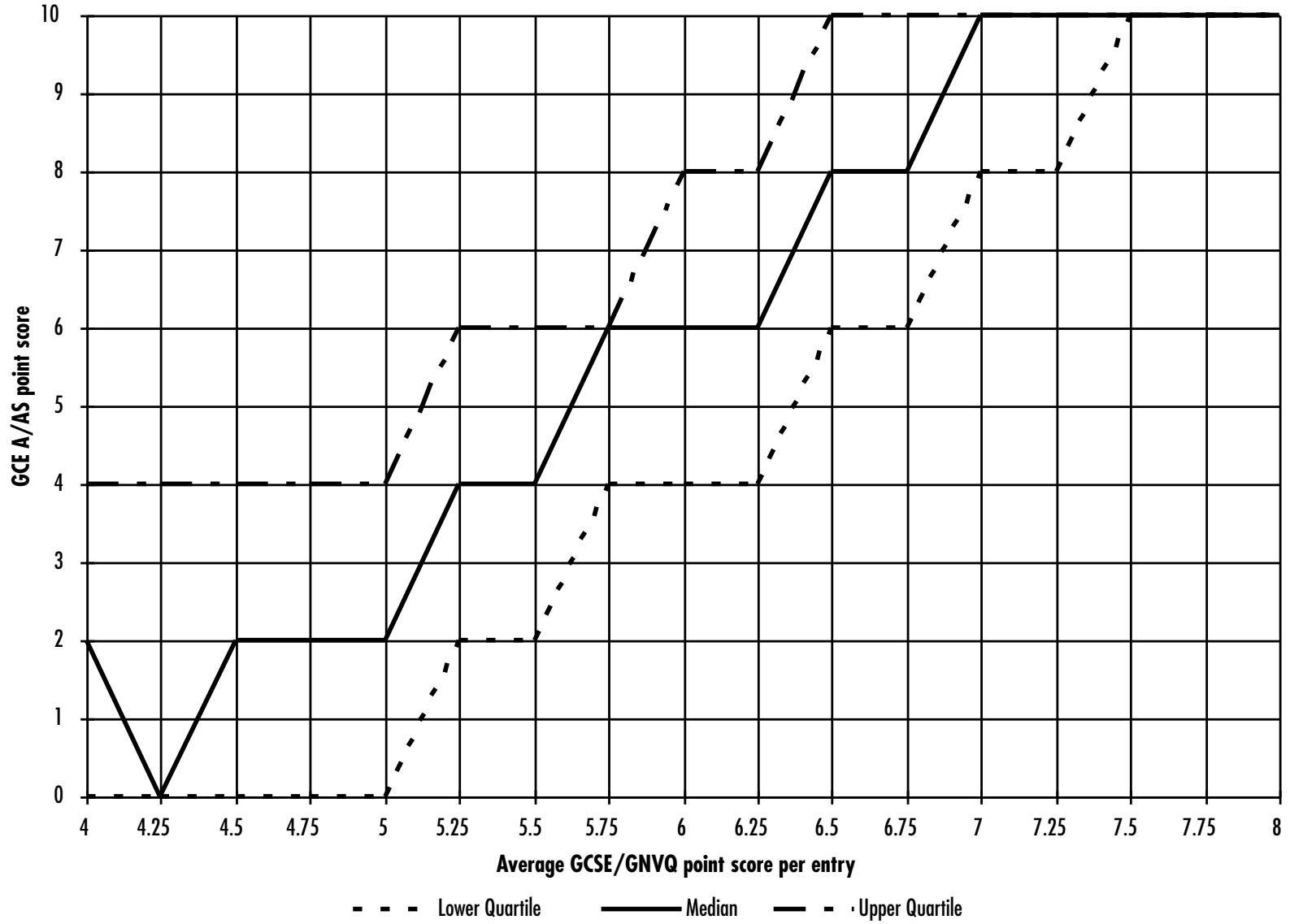
COMPUTER STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



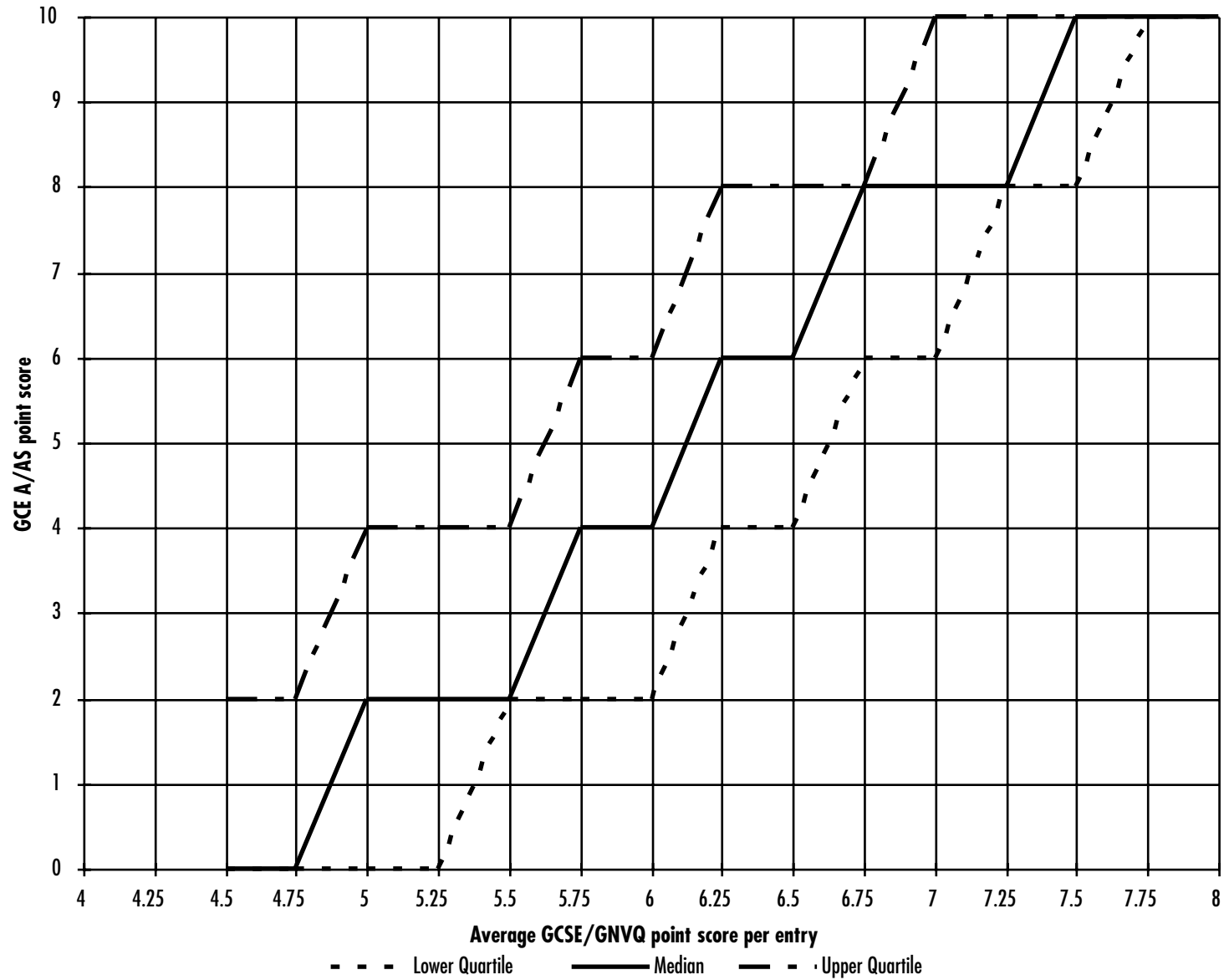
DESIGN & TECHNOLOGY – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



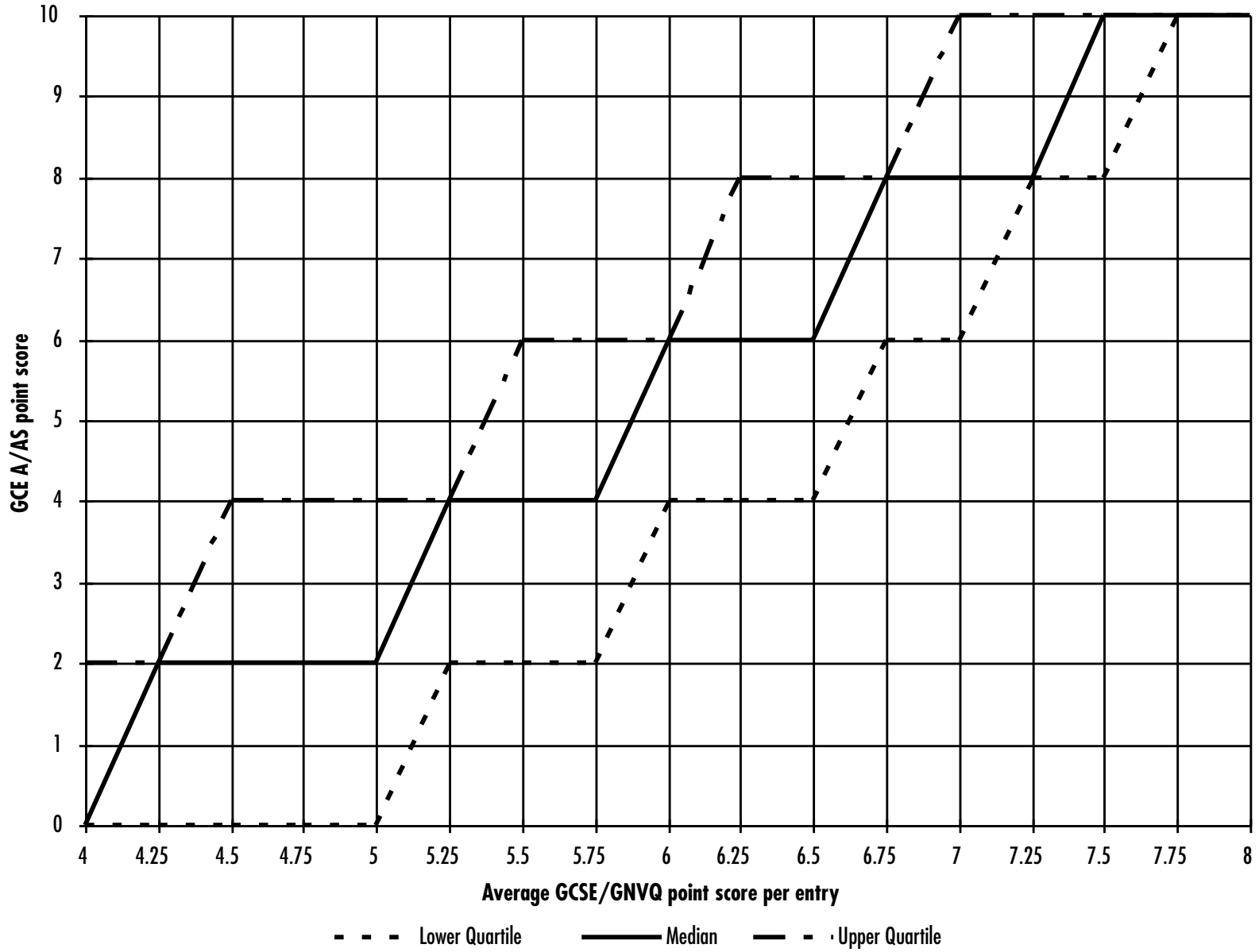
ECONOMICS – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



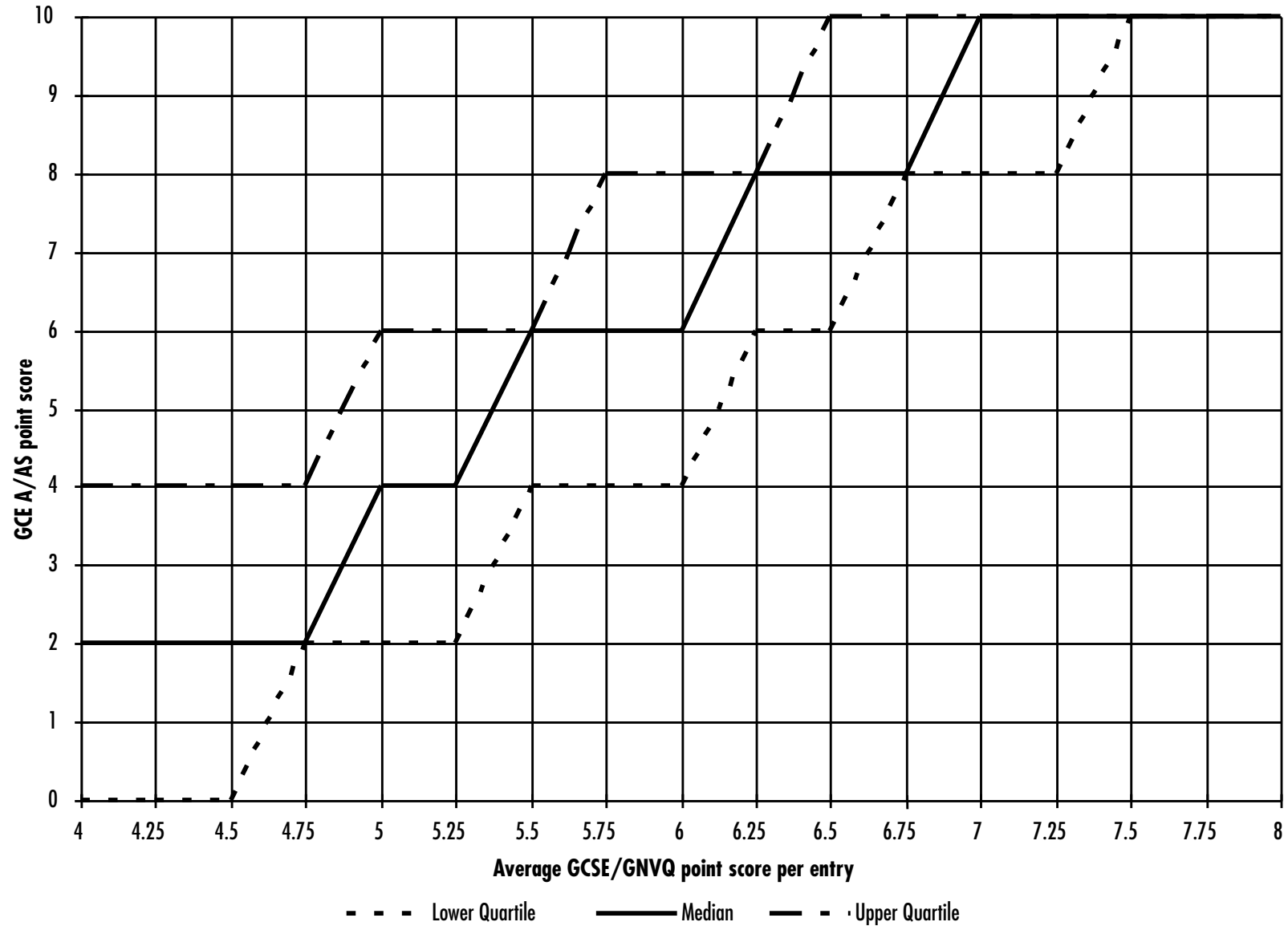
FRENCH – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



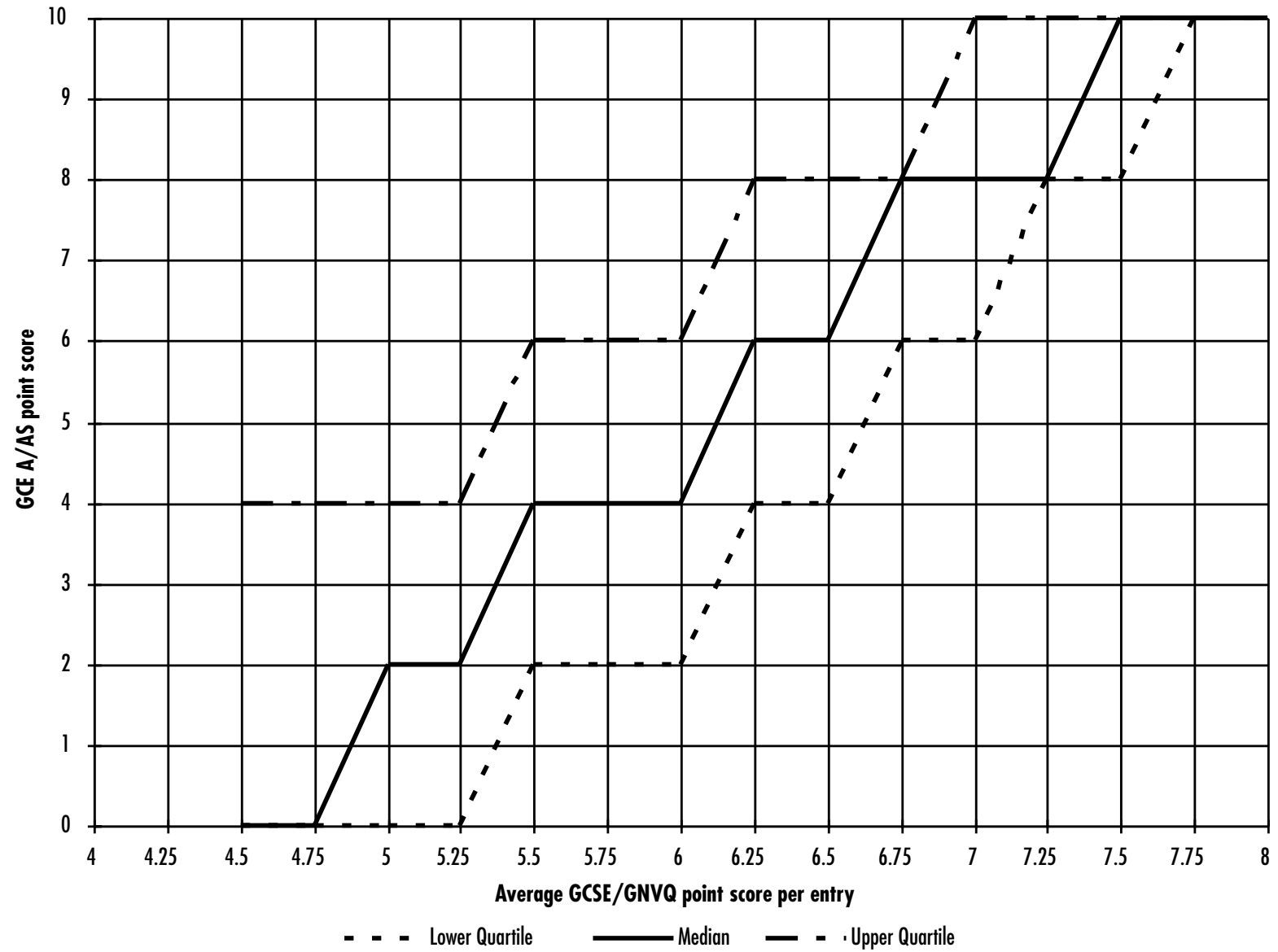
GENERAL STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



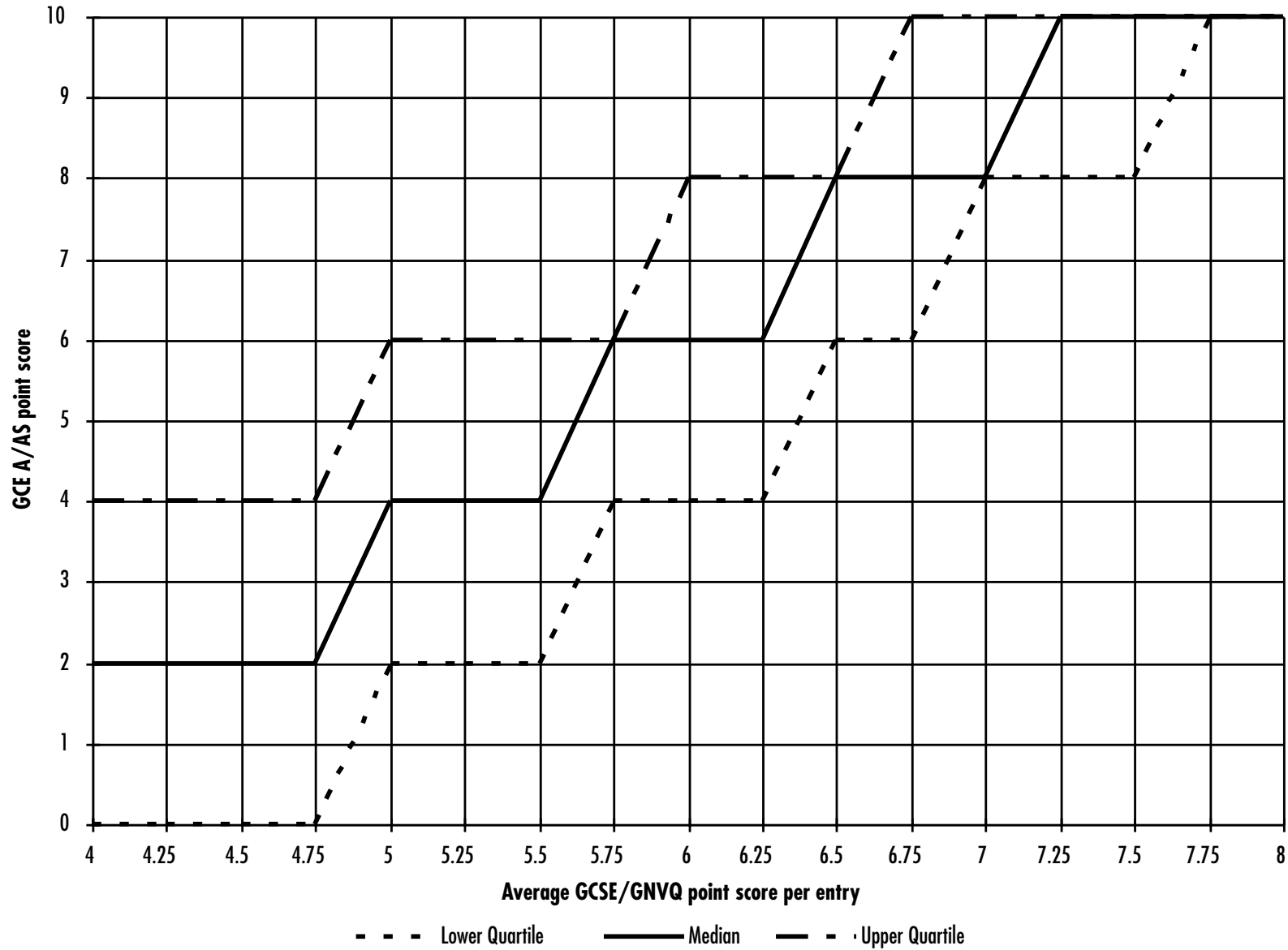
GEOGRAPHY – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



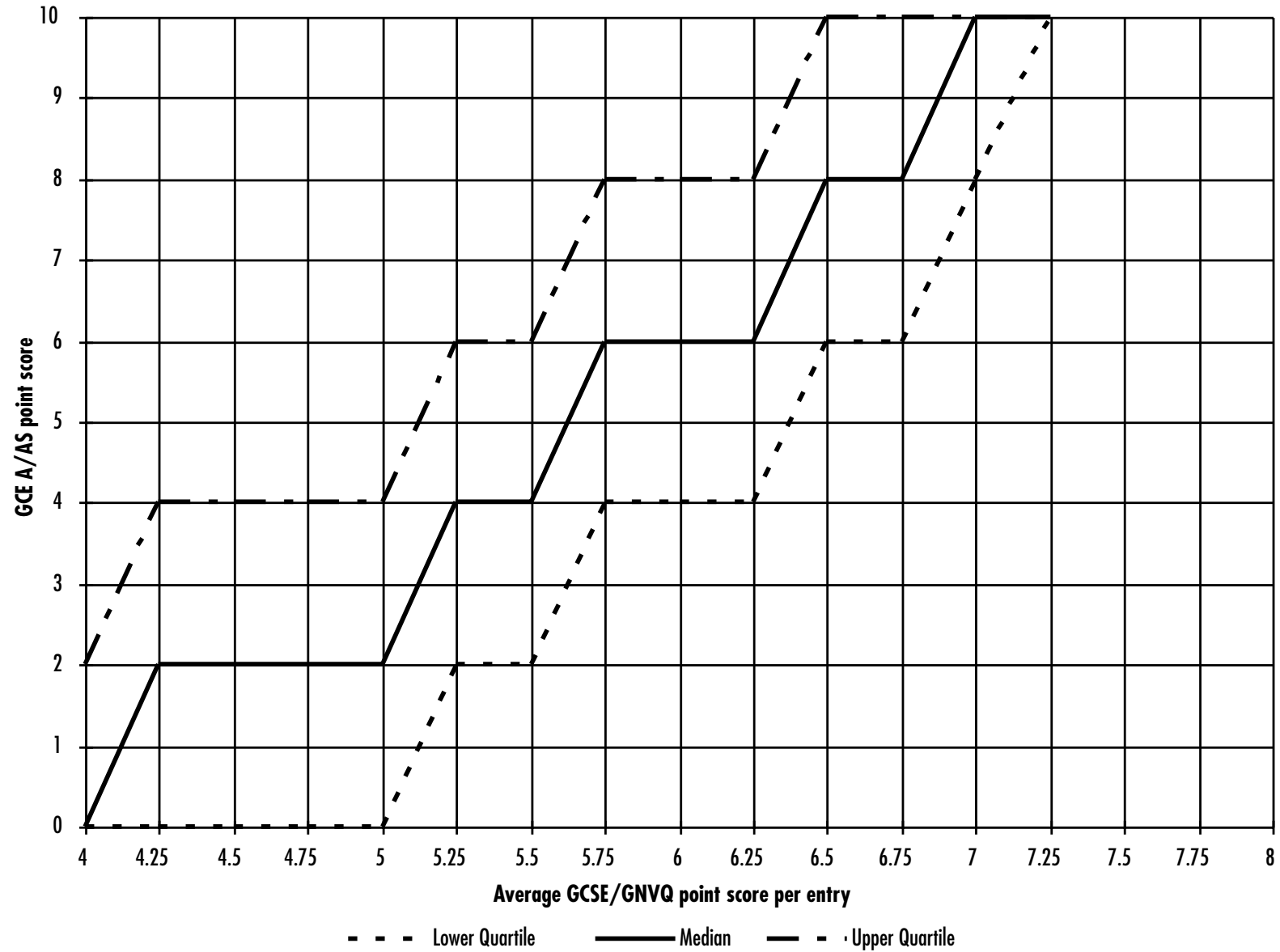
GERMAN – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



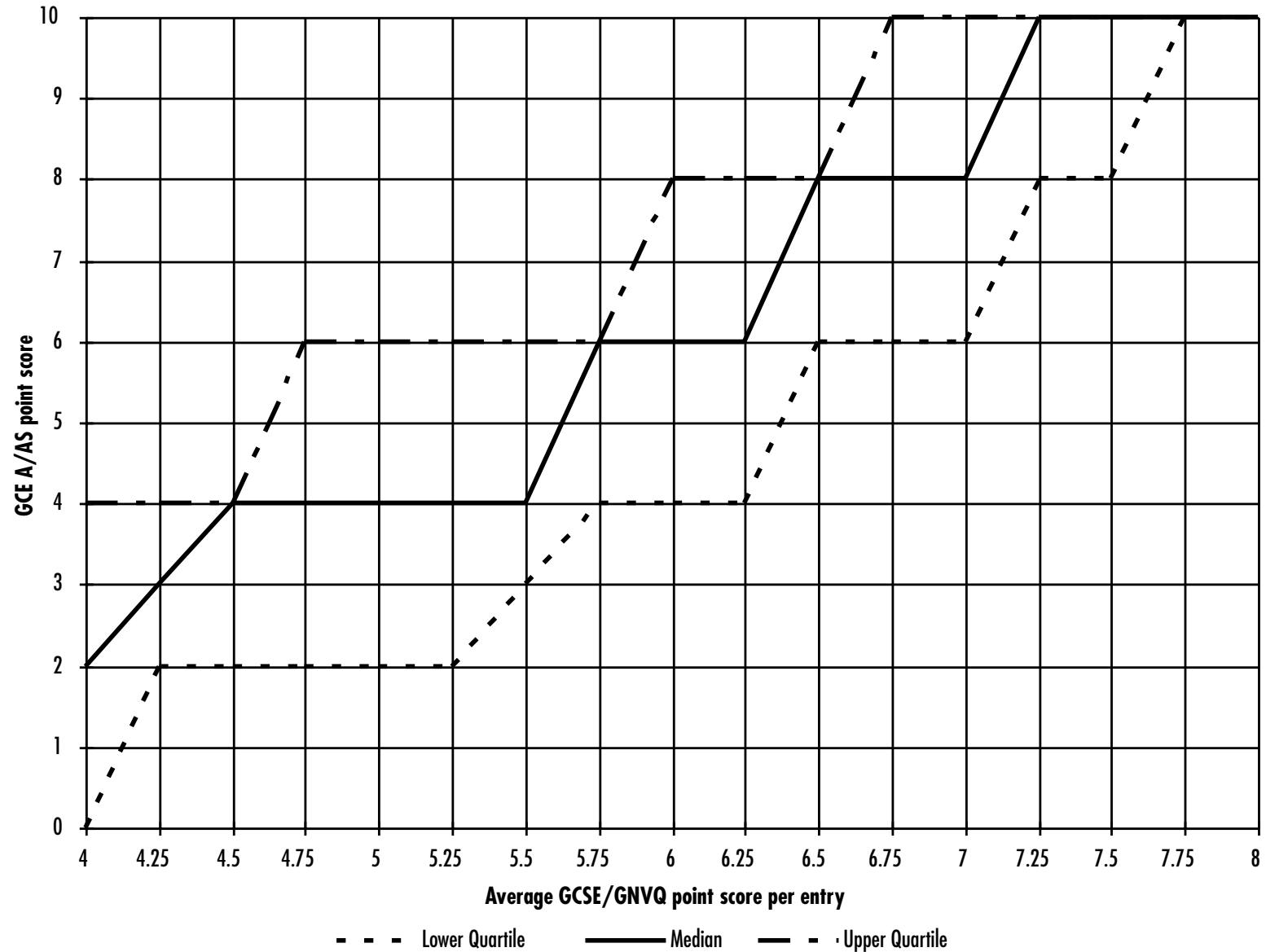
HISTORY – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



HOME ECONOMICS – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



MUSIC – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01



RELIGIOUS STUDIES – 'average GCSE/GNVQ point score per entry' against 'GCE A/AS point score' – 2000/01

