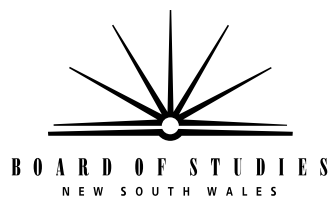


1999 HIGHER SCHOOL CERTIFICATE

EXAMINATION STATISTICS





Board of Studies NSW 1999

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Preface

The *Higher School Certificate Examination Statistics* report has been published annually since 1985 by the Board of Studies and its predecessors. Each volume provides a statistical view of the candidature, the courses and the scaling of marks for a particular year while also serving as a public record of the Higher School Certificate Examination. The statistical tables can provide a valuable resource for teachers and researchers, with comparisons able to be made both within a single year and over an extended period of time.

The report is provided to schools, universities and other interested parties. Copies of the current report can be purchased from the Office of the Board and back copies of previous volumes may be available.

The *1998 Higher School Certificate Examination Statistics* report was prepared by the Measurement and Research Services Unit of the Office of the Board of Studies. Inquiries concerning the content of the report and suggestions for items to include in future volumes are welcomed.

Chapter 1 - Overview

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Higher School Certificate Pathways

The Higher School Certificate program has traditionally been school based with most courses being of two years duration. Students studied these courses in Years 11 and 12 only, while students wishing to repeat had to repeat the whole of Year 11 and/or 12.

The HSC Pathways provisions have been available since 1995 and significant numbers of students have made use of them to provide greater flexibility in completing the required program of studies for the award of the HSC. Under Pathways, courses have been restructured into one-year components, Preliminary and HSC courses, with completion of a Preliminary course being a prerequisite for the corresponding HSC course.

The Pathways provisions include:

- *accelerating* - students may complete and be examined in one or more HSC courses ahead of their cohort;
- *accumulating* - students may complete HSC requirements over up to five years and be examined in each course in the year in which it is completed;
- *repeating* - students may repeat individual courses and have their Universities Admissions Index (UAI) recalculated by including the most recent attempt;
- *topping up* - students may attempt further courses after being awarded the HSC and have their UAI recalculated with the additions being available for inclusion in the best ten units.

All candidates who were examined in each course are included in the reported statistics and in the scaling of each course.

The 1999 Higher School Certificate Examination

In 1999 a Higher School Certificate was awarded to school and College of TAFE students who completed a satisfactory program of Preliminary and HSC courses, based on a public examination and, in most cases, a school assessment.

Each year tens of thousands of students sit for the Higher School Certificate Examination. In total they produce hundreds of thousands of pages of written scripts. In 1999, 65909 candidates presented for the Higher School Certificate with examinations being available in 146 courses, drawn from 79 subject areas. 47.4% of candidates were male and 52.6% were female. Most students presented five or six *Board Developed* courses, with each course involving at least one paper, usually of 3 hours' duration. Students may also present *Board Endorsed* courses. These are examined internally by schools and are not subject to scaling or moderation. Board Endorsed courses are not included in this report.

Candidates who meet all the Board's requirements for the full program of study are awarded the Higher School Certificate. Table 1 shows the total candidature cross-tabulated by award and sex.

Higher School Certificate Examination 1999

Table 1 - Total Candidature by Award and Sex

Category	Number of Candidates	Percentage of Candidature	Number of Males	Number of Females	Male Percentage	Female Percentage
Higher School Certificate	57558	87.3%	27044	30514	47.0%	53.0%
Result Notice	28	0.0%	16	12	57.1%	42.9%
Record of Achievement	7795	11.8%	3860	3935	49.5%	50.5%
Special Program of Study	171	0.3%	86	85	50.3%	49.7%
No Award	357	0.5%	202	155	56.6%	43.4%
Total	65909	100.0%	31208	34701	47.4%	52.6%

Reporting Results to Candidates

Before 1986 the Board of Senior School Studies applied iterative scaling procedures across different subjects to produce scaled examination marks for each course. These were combined with adjusted school estimates to arrive at scaled course marks. An aggregate mark was derived from these scaled course marks and was used as a basis for selecting students for entry to tertiary institutions and for some areas of employment. These procedures were discontinued by the Board in 1986. Since then, an aggregate mark has been calculated by the University of Sydney.

Since 1986 students have received two separate marks for each course:

- a *Scaled Examination Mark*
- a *Moderated Assessment Mark*

except in subjects taken outside the school, for which only the Scaled Examination Mark is available.

Since 1988 students have also received a *Percentile Band* for each course.

In 1988 and 1989 students received a *Tertiary Entrance Score*. This index, which was printed on the Higher School Certificate, was used as the basis for selecting students for tertiary courses.

From 1990 to 1997 an index called the *Tertiary Entrance Rank* was calculated.

From 1998 an index called the *Universities Admissions Index* has been calculated. This figure is not reported on the Higher School Certificate. It is provided, however, to students at the same time as their certificate.

From 1991, the Higher School Certificate has been issued as a *testamur*, with the results being reported separately on a Record of Achievement.

The Universities Admissions Index

The *Universities Admissions Index* (UAI) replaced the Tertiary Entrance Rank (TER) from 1998. The TER was a figure between 0 and 100 that was expressed in steps of 0.05 with the top students receiving 100. It was in effect the cumulative frequency percentage of the *Tertiary Entrance Score* (TES) of the candidate. The UAI is similar to the TER, except that notional scores are also calculated for the whole of the equivalent School Certificate (SC) cohort from two years previously. A candidate's UAI indicates the relative standing in the larger SC cohort and will be higher than the corresponding TER. The UAI is more comparable over time and from state to state in Australia than the TER was. Only candidates who present 10 or more units receive a UAI, although there is provision for a limited UAI, based on fewer than 10 units, to be awarded in certain circumstances. In 1999, 49982 candidates were eligible for a UAI. This represented 77.0% of the total candidature.

The marks used in the calculation of the UAI from the TES were rescaled by the University of Sydney. The scaled examination marks and the moderated assessment marks for each candidate as calculated by the Board were averaged and then put through a further scaling process that reshaped the distributions, producing a new mean for each course. The new distribution and mean for a course are dependent on the average performance in all courses taken by the candidates in that particular course.

In order to calculate the Universities Admissions Indexes the Tertiary Entrance Scores were first calculated, although these were not reported. The TES is a score out of 500, being the sum of the candidate's best 10 composite marks on a one unit basis. Marks for Board Endorsed courses are not included in the calculation of the TES.

From 1996 the 10 unit marks included in a candidate's TES have been selected in this order:

- The best unit mark in English;
- The best unit mark from Key Learning Area Group 1 (Mathematics, Science, Technological and Applied Studies);
- The best unit mark from KLA Group 2 (the remaining Key Learning Areas);
- The seven best unit marks from those remaining.

From 1997, the TER, and since then the UAI, are confidential, available only to candidates. UAI data are not available to the Board of Studies or to schools.

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Table 2 - Total Candidature by Universities Admissions Index Eligibility and Sex

Category	Number of Candidates	Percentage of Candidature	Number of Males	Number of Females	Male Percentage	Female Percentage
Eligible for UAI	50771	77.0%	23686	27085	46.7%	53.3%
Not eligible for UAI	15138	23.0%	7522	7616	49.7%	50.3%
Total	65909	100.0%	31208	34701	47.4%	52.6%

A statistical report of the UAI scaling is prepared annually by the New South Wales Vice Chancellors' Conference Technical Committee on Scaling and may be purchased from the Universities Admissions Centre (UAC).

Report title: *Report on the scaling of the 1999 New South Wales Higher School Certificate*

Postal Address:
 UAC
 Locked Bag 500
 LIDCOMBE NSW 2141

Street Address:
 Universities Admissions Centre
 3-5 Rawson St (Cnr Percy St)
 AUBURN NSW

Higher School Certificate Examination 1999

Table 3 - HSC Schools by Type

Type of School	Number of Schools	Percentage of Total
Government Schools	450	62.7%
Catholic Independent Schools	40	5.6%
Catholic Systemic Schools	76	10.6%
Christian Community Schools	13	1.8%
Independent Schools	95	13.2%
TAFE Colleges	31	4.3%
Overseas Schools	4	0.6%
Schools for Special Purposes	1	0.1%
Seventh Day Adventist Schools	5	0.7%
Total	718	100.0%

Higher School Certificate Examination 1999

Table 4 - Total Candidature by School Type and Sex

Type of School	Total	Total%	Male	Female	M%	F%
Government Schools	40270	61.1%	18809	21461	46.7%	53.3%
Catholic Independent Schools	4736	7.2%	2356	2380	49.7%	50.3%
Catholic Systemic Schools	9811	14.9%	4522	5289	46.1%	53.9%
Christian Community Schools	536	0.8%	258	278	48.1%	51.9%
Independent Schools	7915	12.0%	3964	3951	50.1%	49.9%
TAFE Colleges	2123	3.2%	1047	1076	49.3%	50.7%
Overseas Schools	189	0.3%	91	98	48.1%	51.9%
Self-tuition Candidates	32	0.0%	18	14	56.3%	43.8%
Seventh Day Adventist Schools	155	0.2%	77	78	49.7%	50.3%
Total	65909	100.0%	31208	34701	47.4%	52.6%

Chapter 2 - Study Pattern Statistics

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NAFLaSSL Courses

A *National Assessment Framework For Languages at Senior Secondary Level* (NAFLaSSL) has been developed for Australia-wide assessment and accreditation of languages other than English. Common national syllabuses are in place and the Board sets and marks the NAFLaSSL assessment tasks in several courses while others are set and marked interstate.

The NAFLaSSL marks of those candidates sitting for the NSW Higher School Certificate examination are then treated as raw examination marks and scaled in accordance with the Board's rules.

Higher School Certificate Examination 1999

Table 5 - NAFLaSSL Courses by Host Authority

Host Authority	Subject Responsibility
Board of Studies, New South Wales	Arabic Armenian Croatian Czech Estonian Filipino Japanese Korean Serbian Slovenian Thai Ukrainian
Board of Studies, Victoria	Hindi Hungarian Macedonian Maltese Portuguese Swedish Turkish
Senior Secondary Assessment Board, South Australia	Khmer Latvian Lithuanian Persian Polish Russian
Tasmanian Secondary Assessment Board	Dutch

Higher School Certificate Examination 1999

Table 6 - Frequency Distribution of Units Studied

Number of Units	Number of Candidates	Percentage of Candidates	Cumulative % Ascending	Cumulative % Descending
18	1	0.0%	0.0%	100.0%
17	2	0.0%	0.0%	100.0%
16	10	0.0%	0.0%	100.0%
15	92	0.1%	0.2%	100.0%
14	580	0.9%	1.0%	99.8%
13	4305	6.5%	7.6%	99.0%
12	22638	34.3%	41.9%	92.4%
11	27628	41.9%	83.8%	58.1%
10	1544	2.3%	86.2%	16.2%
9	524	0.8%	87.0%	13.8%
8	554	0.8%	87.8%	13.0%
7	459	0.7%	88.5%	12.2%
6	929	1.4%	89.9%	11.5%
5	353	0.5%	90.5%	10.1%
4	598	0.9%	91.4%	9.5%
3	512	0.8%	92.1%	8.6%
2	1637	2.5%	94.6%	7.9%
1	3543	5.4%	100.0%	5.4%
Total	65909			

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Table 7 - Entries in Board Developed Courses by Subject, Course and Sex

Subject and Course	Total	Male	Female	M%	F%
Aboriginal Studies	461	126	335	27.3%	72.7%
20600 2u Aboriginal Studies	461	126	335	27.3%	72.7%
Accounts Clerical	424	203	221	47.9%	52.1%
21801 2u Accounting	424	203	221	47.9%	52.1%
Agriculture	1966	1178	788	59.9%	40.1%
21810 2u Agriculture	1748	1055	693	60.4%	39.6%
21811 3u Agriculture	218	123	95	56.4%	43.6%
Ancient History	7433	2885	4548	38.8%	61.2%
20621 2u Ancient History (Personalities and Times)	2947	1184	1763	40.2%	59.8%
20630 2u Ancient History	3193	1242	1951	38.9%	61.1%
20631 3u Ancient History	1293	459	834	35.5%	64.5%
Applied Studies	1001	477	524	47.7%	52.3%
21905 1u Applied Studies	1001	477	524	47.7%	52.3%
Arabic	389	160	229	41.1%	58.9%
21201 2u Arabic (General)	257	92	165	35.8%	64.2%
21202 2u Arabic	22	12	10	54.5%	45.5%
21203 3u Arabic	110	56	54	50.9%	49.1%
Armenian	28	16	12	57.1%	42.9%
21208 2u Armenian	28	16	12	57.1%	42.9%
Biology	15433	5421	10012	35.1%	64.9%
20260 2u Biology	15433	5421	10012	35.1%	64.9%
Business Studies	15289	8027	7262	52.5%	47.5%
20640 2u Business Studies	12202	6444	5758	52.8%	47.2%
20641 3u Business Studies	3087	1583	1504	51.3%	48.7%
Chemistry	10529	5596	4933	53.1%	46.9%
20270 2u Chemistry	10529	5596	4933	53.1%	46.9%
Chinese	622	307	315	49.4%	50.6%
21220 2u Chinese Z	8	3	5	37.5%	62.5%
21222 2u Chinese (BS)	171	97	74	56.7%	43.3%
21223 3u Chinese (BS)	368	168	200	45.7%	54.3%
21224 2u Chinese	48	25	23	52.1%	47.9%
21225 3u Chinese	27	14	13	51.9%	48.1%
Classical Ballet	44	1	43	2.3%	97.7%
22200 2u Classical Ballet	23	0	23	0.0%	100.0%
22201 3u Classical Ballet	21	1	20	4.8%	95.2%
Classical Greek		10	8	2	80.0%
20.0%					
21232 2u Classical Greek	4	2	2	50.0%	50.0%
21233 3u Classical Greek	6	6	0	100.0%	0.0%

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Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course		Total	Male	Female	M%	F%
Computing Studies		14575	9093	5482	62.4%	37.6%
21819	2u Computing Studies (General)	5837	3004	2833	51.5%	48.5%
21820	2u Computing Studies	7044	4651	2393	66.0%	34.0%
21821	3u Computing Studies	1694	1438	256	84.9%	15.1%
Croatian		45	24	21	53.3%	46.7%
21240	2u Croatian	45	24	21	53.3%	46.7%
Czech		3	0	3	0.0%	100.0
21250	2u Czech	3	0	3	0.0%	100.0%
Dance		289	11	278	3.8%	96.2%
22210	2u Dance	289	11	278	3.8%	96.2%
Design and Technology		4670	3086	1584	66.1%	33.9%
21880	2u Design and Technology	4109	2794	1315	68.0%	32.0%
21881	3u Design and Technology	561	292	269	52.0%	48.0%
Distinction Courses		79	36	43	45.6%	54.4%
25010	2u Comparative Literature	3	0	3	0.0%	100.0%
25020	2u Cosmology	27	15	12	55.6%	44.4%
25030	2u Philosophy	49	21	28	42.9%	57.1%
Drama		3640	953	2687	26.2%	73.8%
22220	2u Drama	3640	953	2687	26.2%	73.8%
Dutch		5	3	2	60.0%	40.0%
21262	2u Dutch	5	3	2	60.0%	40.0%
Economics		5912	3485	2427	58.9%	41.1%
20650	2u Economics	4536	2666	1870	58.8%	41.2%
20651	3u Economics	1376	819	557	59.5%	40.5%
Electronics Technology		170	168	2	98.8%	1.2%
21830	2u Electronics Technology	170	168	2	98.8%	1.2%
Engineering Science		1409	1328	81	94.3%	5.7%
21840	2u Engineering Science	1245	1171	74	94.1%	5.9%
21841	3u Engineering Science	164	157	7	95.7%	4.3%
English		58977	27789	31188	47.1%	52.9%
20050	2u Contemporary English	21053	11993	9060	57.0%	43.0%
20060	2u English (General)	29713	13034	16679	43.9%	56.1%
20070	2u English	6715	2341	4374	34.9%	65.1%
20071	3u English	1496	421	1075	28.1%	71.9%
Filipino		3	1	2	33.3%	66.7%
21275	2u Filipino	3	1	2	33.3%	66.7%

Higher School Certificate Examination 1999

Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course	Total	Male	Female	M%	F%
Food Technology	3544	675	2869	19.0%	81.0%
21870 2u Food Technology	3153	633	2520	20.1%	79.9%
21871 3u Food Technology	391	42	349	10.7%	89.3%
French	1330	298	1032	22.4%	77.6%
21280 2u French Z	436	83	353	19.0%	81.0%
21281 2u French (General)	577	120	457	20.8%	79.2%
21282 2u French	173	45	128	26.0%	74.0%
21283 3u French	144	50	94	34.7%	65.3%
General Science		2026	1193	833	58.9%
41.1%					
20300 2u General Science	2026	1193	833	58.9%	41.1%
General Studies		14533	6848	7685	47.1%
52.9%					
20660 1u General Studies	14533	6848	7685	47.1%	52.9%
Geography	8785	4695	4090	53.4%	46.6%
20670 2u Geography	6747	3700	3047	54.8%	45.2%
20671 3u Geography	2038	995	1043	48.8%	51.2%
Geology	275	132	143	48.0%	52.0%
20280 2u Geology	275	132	143	48.0%	52.0%
German	762	267	495	35.0%	65.0%
21290 2u German Z	139	37	102	26.6%	73.4%
21291 2u German (General)	369	126	243	34.1%	65.9%
21292 2u German	124	48	76	38.7%	61.3%
21293 3u German	130	56	74	43.1%	56.9%
Hebrew	66	36	30	54.5%	45.5%
21301 2u Hebrew (General)	40	20	20	50.0%	50.0%
21302 2u Hebrew	8	4	4	50.0%	50.0%
21303 3u Hebrew	18	12	6	66.7%	33.3%
Hindi	8	1	7	12.5%	87.5%
21305 2u Hindi	8	1	7	12.5%	87.5%
Hungarian	10	5	5	50.0%	50.0%
21310 2u Hungarian	10	5	5	50.0%	50.0%
Indonesian	368	94	274	25.5%	74.5%
21320 2u Indonesian Z	113	16	97	14.2%	85.8%
21322 2u Indonesian	132	31	101	23.5%	76.5%
21323 3u Indonesian	49	11	38	22.4%	77.6%
21324 2u Indonesian (BS)	60	34	26	56.7%	43.3%
21325 3u Indonesian (BS)	14	2	12	14.3%	85.7%
Industrial Technology	2329	2226	103	95.6%	4.4%
21860 2u Industrial Technology	2329	2226	103	95.6%	4.4%

Higher School Certificate Examination 1999

Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course			Total	Male	Female	M%	F%
Industry Studies			2832	1139	1693	40.2%	59.8%
20675	2u	Industry Studies - Retail	554	225	329	40.6%	59.4%
21865	2u	Industry Studies - Hospitality	1868	507	1361	27.1%	72.9%
21866	2u	Industry Studies - Metal	410	407	3	99.3%	0.7%
Italian			565	166	399	29.4%	70.6%
21330	2u	Italian Z	190	49	141	25.8%	74.2%
21332	2u	Italian	306	85	221	27.8%	72.2%
21333	3u	Italian	69	32	37	46.4%	53.6%
Japanese			1603	492	1111	30.7%	69.3%
21340	2u	Japanese Z	409	127	282	31.1%	68.9%
21342	2u	Japanese	779	213	566	27.3%	72.7%
21343	3u	Japanese	332	113	219	34.0%	66.0%
21344	2u	Japanese (BS)	83	39	44	47.0%	53.0%
Khmer			23	10	13	43.5%	56.5%
21346	2u	Khmer	23	10	13	43.5%	56.5%
Korean			221	115	106	52.0%	48.0%
21350	2u	Korean Z	4	0	4	0.0%	100.0%
21352	2u	Korean	6	2	4	33.3%	66.7%
21354	2u	Korean (BS)	28	14	14	50.0%	50.0%
21355	3u	Korean (BS)	183	99	84	54.1%	45.9%
Latin			164	96	68	58.5%	41.5%
21362	2u	Latin	93	56	37	60.2%	39.8%
21363	3u	Latin	71	40	31	56.3%	43.7%
Latvian			3	2	1	66.7%	33.3%
21370	2u	Latvian	3	2	1	66.7%	33.3%
Legal Studies			7497	2666	4831	35.6%	64.4%
20680	2u	Legal Studies	6265	2307	3958	36.8%	63.2%
20681	3u	Legal Studies	1232	359	873	29.1%	70.9%
Life Management Studies			3649	513	3136	14.1%	85.9%
22300	2u	Life Management Studies	2967	483	2484	16.3%	83.7%
22301	3u	Life Management Studies	682	30	652	4.4%	95.6%
Macedonian			65	23	42	35.4%	64.6%
21390	2u	Macedonian	65	23	42	35.4%	64.6%
Malay			29	12	17	41.4%	58.6%
21392	2u	Malay (BS)	19	9	10	47.4%	52.6%
21393	3u	Malay (BS)	10	3	7	30.0%	70.0%
Maltese			2	1	1	50.0%	50.0%
21395	2u	Maltese	2	1	1	50.0%	50.0%

Higher School Certificate Examination 1999

Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course			Total	Male	Female	M%	F%
Mathematics			58136	27750	30386	47.7%	52.3%
20150	2u	Mathematics in Practice	5955	2477	3478	41.6%	58.4%
20160	2u	Mathematics in Society	26895	11916	14979	44.3%	55.7%
20170	2u	Mathematics	15680	7698	7982	49.1%	50.9%
20171	3u	Mathematics	7431	4226	3205	56.9%	43.1%
20172	4u	Mathematics	2175	1433	742	65.9%	34.1%
Modern Greek			286	110	176	38.5%	61.5%
21400	2u	Modern Greek Z	19	9	10	47.4%	52.6%
21402	2u	Modern Greek	141	55	86	39.0%	61.0%
21403	3u	Modern Greek	126	46	80	36.5%	63.5%
Modern History			10392	4536	5856	43.6%	56.4%
20690	2u	Modern History (People and Events)	2870	1385	1485	48.3%	51.7%
20700	2u	Modern History	5923	2479	3444	41.9%	58.1%
20701	3u	Modern History	1599	672	927	42.0%	58.0%
Music (Board)			4064	1927	2137	47.4%	52.6%
22230	2u	Music (Board) Course 1	3432	1695	1737	49.4%	50.6%
22231	2u	Music (Board)	274	98	176	35.8%	64.2%
22232	3u	Music (Board)	358	134	224	37.4%	62.6%
Persian			78	35	43	44.9%	55.1%
21405	2u	Persian	78	35	43	44.9%	55.1%
Personal Development, Health and Physical Education			9337	4397	4940	47.1%	52.9%
22600	2u	Personal Development, Health and Physical Education	9337	4397	4940	47.1%	52.9%
Physics			9160	6689	2471	73.0%	27.0%
20290	2u	Physics	9160	6689	2471	73.0%	27.0%
Polish			26	14	12	53.8%	46.2%
21410	2u	Polish	26	14	12	53.8%	46.2%
Portuguese			27	11	16	40.7%	59.3%
21415	2u	Portuguese	27	11	16	40.7%	59.3%
Rural Technology			22	21	1	95.5%	4.5%
21890	2u	Rural Technology	22	21	1	95.5%	4.5%
Russian			54	23	31	42.6%	57.4%
21420	2u	Russian Z	8	2	6	25.0%	75.0%
21422	2u	Russian	16	8	8	50.0%	50.0%
21423	3u	Russian	30	13	17	43.3%	56.7%

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Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course	Total	Male	Female	M%	F%
Science	495	249	246	50.3%	49.7%
20250 3u Science	152	79	73	52.0%	48.0%
20251 4u Science	343	170	173	49.6%	50.4%
Science for Life	3304	1904	1400	57.6%	42.4%
20310 2u Science for Life	3304	1904	1400	57.6%	42.4%
Serbian	71	25	46	35.2%	64.8%
21430 2u Serbian	71	25	46	35.2%	64.8%
Sheep Husbandry and Wool Technology	22	17	5	77.3%	22.7%
21900 2u Sheep Husbandry and Wool Technology	22	17	5	77.3%	22.7%
Slovenian	2	0	2	0.0%	100.0
21440 2u Slovenian	2	0	2	0.0%	100.0%
Society and Culture	2713	458	2255	16.9%	83.1%
20720 2u Society and Culture	2245	405	1840	18.0%	82.0%
20721 3u Society and Culture	468	53	415	11.3%	88.7%
Spanish	383	129	254	33.7%	66.3%
21450 2u Spanish Z	88	18	70	20.5%	79.5%
21452 2u Spanish	179	74	105	41.3%	58.7%
21453 3u Spanish	116	37	79	31.9%	68.1%
Studies of Religion	8905	3878	5027	43.5%	56.5%
20710 2u Studies of Religion	891	242	649	27.2%	72.8%
20711 1u Studies of Religion	8014	3636	4378	45.4%	54.6%
Swedish	11	4	7	36.4%	63.6%
21445 2u Swedish	11	4	7	36.4%	63.6%
Textiles and Design	671	3	668	0.4%	99.6%
21920 2u Textiles and Design	483	3	480	0.6%	99.4%
21921 3u Textiles and Design	188	0	188	0.0%	100.0%
Tourism Sector Services	745	110	635	14.8%	85.2%
21931 2u Tourism Sector Services	745	110	635	14.8%	85.2%
Turkish	105	49	56	46.7%	53.3%
21460 2u Turkish	38	17	21	44.7%	55.3%
21461 3u Turkish	67	32	35	47.8%	52.2%
Ukrainian	8	3	5	37.5%	62.5%
21470 2u Ukrainian	8	3	5	37.5%	62.5%
Vietnamese		184	70	114	38.0%
62.0%					
21480 2u Vietnamese	184	70	114	38.0%	62.0%

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Entries in Board Developed Courses by Subject, Course and Sex (continued)

Subject and Course	Total	Male	Female	M%	F%
Visual Arts	9911	3417	6494	34.5%	65.5%
22250 2u Visual Arts	6253	2305	3948	36.9%	63.1%
22251 3u Visual Arts	3658	1112	2546	30.4%	69.6%

Chapter 3 - Award and Scaling Statistics

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Gender Differences in HSC Courses

Table 8 shows gender differences in performance in HSC subjects and individual HSC courses. To avoid the instability of including differences that are based on a small number of students, only those courses having a total candidature of 100 or more, and having at least 30 students of the minority sex, were included in the table.

The differences are based on the composite mark comprising the average of the scaled examination mark and the moderated school assessment. This is the mark that is re-scaled by the universities and aggregated to form the Universities Admissions Index.

The difference shown is the *female mean minus the male mean*. Thus a positive difference indicates that females have performed better, while a negative difference indicates that males have performed better. To simplify the reporting so that differences from courses of different unit value could be compared, all differences are expressed as percentages.

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Table 8 - Gender Differences by Course for Selected Courses

Subject Course	Number of Candidates	Female - Male
Aboriginal Studies		
20600 2u Aboriginal Studies	458	10.8%
Accounts Clerical		
21801 2u Accounting	424	0.6%
Agriculture		
21810 2u Agriculture	1741	5.6%
21811 3u Agriculture	217	4.8%
Ancient History		
20621 2u Ancient History (Personalities and Times)	2922	6.0%
20630 2u Ancient History	3153	4.4%
20631 3u Ancient History	1288	3.0%
Applied Studies		
21905 1u Applied Studies	979	1.0%
Arabic		
21201 2u Arabic (General)	257	3.0%
Biology		
20260 2u Biology	15339	4.4%
Business Studies		
20640 2u Business Studies	12111	3.2%
20641 3u Business Studies	3079	3.6%

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Gender Differences by Course for Selected Courses (continued)

Subject Course	Number of Candidates	Female - Male
Chemistry		
20270 2u Chemistry	10479	0.8%
Chinese		
21223 3u Chinese (BS)	362	5.4%
Computing Studies		
21819 2u Computing Studies (General)	5778	4.2%
21820 2u Computing Studies	7003	1.8%
21821 3u Computing Studies	1686	1.6%
Design and Technology		
21880 2u Design and Technology	4090	8.0%
21881 3u Design and Technology	559	8.8%
Drama		
22220 2u Drama	3638	5.4%
Economics		
20650 2u Economics	4505	0.8%
20651 3u Economics	1371	3.0%
Engineering Science		
21840 2u Engineering Science	1238	2.4%
English		
20050 2u Contemporary English	20882	5.8%
20060 2u English (General)	29605	5.6%
20070 2u English	6693	2.2%
20071 3u English	1490	1.8%
Food Technology		
21870 2u Food Technology	3134	9.2%
French		
21280 2u French Z	433	6.0%
21281 2u French (General)	576	0.6%
General Science		
20300 2u General Science	2015	3.8%
General Studies		
20660 1u General Studies	14377	5.8%
Geography		
20670 2u Geography	6701	4.8%
20671 3u Geography	2036	4.2%
Geology		
20280 2u Geology	275	-0.8%

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Gender Differences by Course for Selected Courses (continued)

Subject Course	Number of Candidates	Female - Male
German		
21291 2u German (General)	369	4.8%
Industrial Technology		
21860 2u Industrial Technology	2317	4.4%
Industry Studies		
20675 2u Industry Studies - Retail	552	3.4%
21865 2u Industry Studies - Hospitality	1862	5.0%
Italian		
21332 2u Italian	306	6.6%
Japanese		
21340 2u Japanese Z	401	2.0%
21342 2u Japanese	777	1.2%
21343 3u Japanese	332	1.4%
Legal Studies		
20680 2u Legal Studies	6204	6.0%
20681 3u Legal Studies	1230	4.0%
Life Management Studies		
22300 2u Life Management Studies	2955	9.6%
Mathematics		
20150 2u Mathematics in Practice	5907	0.4%
20160 2u Mathematics in Society	26737	2.0%
20170 2u Mathematics	15570	3.4%
20171 3u Mathematics	7402	3.0%
20172 4u Mathematics	2171	0.0%
Modern History		
20690 2u Modern History (People and Events)	2850	6.6%
20700 2u Modern History	5865	4.6%
20701 3u Modern History	1594	3.8%
Music (Board)		
22230 2u Music (Board) Course 1	3413	4.4%
22231 2u Music (Board)	274	4.4%
22232 3u Music (Board)	358	-2.4%
Personal Development, Health and Physical Education		
22600 2u Personal Development, Health and Physical Education	9310	8.8%
Physics		
20290 2u Physics	9091	1.4%
Science		
20251 4u Science	343	-1.6%

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Gender Differences by Course for Selected Courses (continued)

Subject Course	Number of Candidates	Female - Male
Science for Life		
20310 2u Science for Life	3280	4.4%
Society and Culture		
20720 2u Society and Culture	2233	8.0%
Studies of Religion		
20710 2u Studies of Religion	889	4.0%
20711 1u Studies of Religion	8002	8.2%
Tourism Sector Services		
21931 2u Tourism Sector Services	745	6.4%
Visual Arts		
22250 2u Visual Arts	6218	7.4%
22251 3u Visual Arts	3643	2.4%

Moderating School Assessment Marks

From 1992, the *raw assessment marks* provided by each school for students taking a course are given the same average as the scaled examination marks for that school group. The top assessments are then made equal to the top examination marks, after which curvilinear mapping is applied to the remaining marks. This may result in the relativities between the school's assessment marks being altered if their distribution shape is markedly different from that of the examination marks. However, the rank order is unchanged. Generally, the standard deviation of these *moderated assessment marks* will be different from that of the scaled examination marks.

Table 9, on the following pages, lists the means and standard deviations of the scaled examination marks and the moderated assessments for each course. For large candidatures these figures should be similar for each measure. The means and standard deviations shown are on a one-unit basis.

The correlation between the two measures is also shown for each course. The high correlation coefficients observed in large candidature courses imply that the scaled examination marks and the moderated assessment marks are comparable measures.

Further details about these scaling and assessment processes may be found in the following publications, which are available from the Board's offices:

- *HSC Scaling - An Explanation of the Facts and Procedures*
- *Higher School Certificate Assessments - General Guidelines*

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Table 9 - Correlation - Scaled Examination Mark vs Moderated Assessment

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
Aboriginal Studies						
20600 2u Aboriginal Studies	456	29.64	8.16	29.9	8.5	0.91
Agriculture						
21810 2u Agriculture	1940	30.11	8.06	30.3	8.3	0.94
21811 3u Agriculture	217	34.89	5.75	35.1	5.7	0.90
Ancient History						
20621 2u Ancient History (Personalities and Times)	2908	29.46	8.2	29.7	8.3	0.91
20630 2u Ancient History	4411	30.6	8.09	30.8	8.2	0.91
20631 3u Ancient History	1279	33.49	7.42	33.8	7.3	0.90
Applied Studies						
21905 1u Applied Studies	982	29.27	8.4	29.5	8.8	0.84
Arabic						
21201 2u Arabic (General)	257	29.56	7.96	29.6	8.6	0.90
21202 2u Arabic	132	31.56	7.88	31.9	8.6	0.74
21203 3u Arabic	110	32.63	7.39	32.7	7.0	0.83
Armenian						
21208 2u Armenian	28	30.58	7.75	30.5	8.3	0.91
Biology						
20260 2u Biology	15266	29.42	8.27	29.6	8.5	0.92
Business Studies						
20640 2u Business Studies	15120	30.94	8.17	31.1	8.3	0.91
20641 3u Business Studies	3068	36.33	6.49	36.6	6.3	0.84
Chemistry						
20270 2u Chemistry	10451	29.48	8.58	29.7	8.8	0.93
Chinese						
21220 2u Chinese Z	8	36.75	6.8	27.0	16.8	0.13
21222 2u Chinese (BS)	536	32.2	6.62	31.8	8.4	0.71
21223 3u Chinese (BS)	362	33.98	5.62	34.0	6.2	0.66
21224 2u Chinese	75	33.14	9.78	33.5	9.7	0.95
21225 3u Chinese	27	39.94	7.33	40.1	7.6	0.96
Classical Ballet						
22200 2u Classical Ballet	43	34.29	7.4	22.0	17.2	0.14
22201 3u Classical Ballet	21	37.2	7.43	25.4	19.2	0.37
Classical Greek						
21232 2u Classical Greek	10	44.66	4.03	44.7	4.0	1.00
21233 3u Classical Greek	6	45.97	2.42	46.0	2.5	0.97

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Correlation - Scaled Examination Mark vs Moderated Assessment (Continued)

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
Computing Studies						
21819 2u Computing Studies (General)	5748	29.64	8.02	29.9	8.2	0.90
21820 2u Computing Studies	8614	30.4	7.92	30.6	8.1	0.91
21821 3u Computing Studies	1664	35.29	6.24	35.4	6.3	0.85
Croatian						
21240 2u Croatian	44	30.43	9.34	30.5	10.4	0.76
Czech						
21250 2u Czech	3	37.83	1.44	37.8	1.2	0.08
Dance						
22210 2u Dance	288	29.95	7.9	28.6	9.8	0.66
Design and Technology						
21880 2u Design and Technology	4603	30.07	7.86	30.4	8.1	0.87
21881 3u Design and Technology	559	34.56	7.01	34.7	7.0	0.86
Drama						
22220 2u Drama	3638	29.72	7.98	30.0	8.1	0.91
Dutch						
21262 2u Dutch	5	45	5.07	45.0	4.8	0.95
Economics						
20650 2u Economics	5847	30.87	8.08	31.0	8.2	0.94
20651 3u Economics	1364	35.83	6.01	36.0	6.1	0.86
Engineering Science						
21840 2u Engineering Science	1397	30.18	8.22	30.4	8.2	0.94
21841 3u Engineering Science	163	35.34	7.51	35.5	7.5	0.87
English						
20050 2u Contemporary English	20868	29.51	7.53	29.7	7.7	0.84
20060 2u English (General)	29538	29.72	7.19	30.0	7.1	0.85
20070 2u English	8151	37.48	6.5	37.7	6.3	0.84
20071 3u English	1464	40.14	5.91	40.4	5.7	0.86
Filipino						
21275 2u Filipino	3	34.33	2.9	0.0	0.0	0.00
Food Technology						
21870 2u Food Technology	3505	30.14	7.96	30.4	8.0	0.89
21871 3u Food Technology	391	35.43	5.97	35.7	5.9	0.88
French						
21280 2u French Z	433	29.55	8.34	29.7	8.5	0.97
21281 2u French (General)	577	29.49	7.96	29.6	8.2	0.96
21282 2u French	313	32.19	8.69	32.4	8.7	0.96
21283 3u French	143	35.94	7.46	36.3	7.3	0.94

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Correlation - Scaled Examination Mark vs Moderated Assessment (Continued)

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
General Science						
20300 2u General Science	2006	29.55	8.23	29.7	8.4	0.90
General Studies						
20660 1u General Studies	14225	29.37	8.09	29.6	8.2	0.83
Geography						
20670 2u Geography	8698	30.91	8.17	31.1	8.3	0.91
20671 3u Geography	2025	36.36	6.13	36.6	6.1	0.87
Geology						
20280 2u Geology	275	29.11	7.98	29.2	8.2	0.94
German						
21290 2u German Z	137	29.87	9.48	29.9	9.9	0.94
21291 2u German (General)	367	29.63	7.87	29.8	8.1	0.96
21292 2u German	252	34.4	8.79	34.6	8.8	0.95
21293 3u German	131	37.61	8.33	37.8	8.0	0.94
Hebrew						
21301 2u Hebrew (General)	40	33.44	6.3	32.8	8.8	0.74
21302 2u Hebrew	25	40.39	7.51	32.8	17.4	0.37
21303 3u Hebrew	17	42.69	4.81	32.6	18.5	0.13
Hindi						
21305 2u Hindi	8	44.14	4.55	0.0	0.0	0.00
Hungarian						
21310 2u Hungarian	10	36.7	5.18	36.7	4.2	0.86
Indonesian						
21320 2u Indonesian Z	112	30.45	9.12	29.8	10.3	0.87
21322 2u Indonesian	180	32.97	9.99	32.9	10.0	0.95
21323 3u Indonesian	49	42.1	5.63	42.1	5.7	0.96
21324 2u Indonesian (BS)	73	31.86	7.65	32.2	6.3	0.83
21325 3u Indonesian (BS)	14	35.14	7.25	35.4	5.6	0.74
Industrial Technology						
21860 2u Industrial Technology	2301	29.33	8.02	29.6	8.2	0.91
Italian						
21330 2u Italian Z	190	30.47	9.31	30.5	9.3	0.99
21332 2u Italian	373	30.96	8.45	31.1	8.6	0.95
21333 3u Italian	69	37.86	5.95	38.3	4.7	0.85
Japanese						
21340 2u Japanese Z	402	29.47	8.71	29.4	9.4	0.86
21342 2u Japanese	1102	32.38	9.01	32.4	9.3	0.94
21343 3u Japanese	328	39.63	5.62	39.6	6.0	0.88
21344 2u Japanese (BS)	79	30.66	8.89	30.5	9.1	0.65

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Correlation - Scaled Examination Mark vs Moderated Assessment (Continued)

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
Khmer						
21346 2u Khmer	23	31.78	6.87	32.8	5.1	0.24
Korean						
21350 2u Korean Z	4	41.4	3.1	30.7	18.0	-0.12
21352 2u Korean	6	39	8.29	39.0	8.3	1.00
21354 2u Korean (BS)	210	29.44	8.13	30.1	7.3	0.74
21355 3u Korean (BS)	182	30.44	7.48	31.0	7.7	0.64
Latin						
21362 2u Latin	164	31.77	7.78	31.8	8.3	0.93
21363 3u Latin	70	33.18	8.04	33.5	7.9	0.93
Latvian						
21370 2u Latvian	3	40.57	6.99	40.6	7.0	1.00
Legal Studies						
20680 2u Legal Studies	7396	30.36	7.99	30.6	8.2	0.91
20681 3u Legal Studies	1226	35.21	6.23	35.4	6.3	0.89
Life Management Studies						
22300 2u Life Management Studies	3625	30.39	8.03	30.7	8.2	0.86
22301 3u Life Management Studies	680	34.55	7.09	35.0	6.8	0.82
Macedonian						
21390 2u Macedonian	65	31.76	8.56	32.5	8.4	0.71
Malay						
21392 2u Malay (BS)	29	36.46	6.25	36.5	5.9	0.87
21393 3u Malay (BS)	10	37.82	6.65	37.8	6.3	0.77
Maltese						
21395 2u Maltese	2	40.5	2.5	40.5	2.5	1.00
Mathematics						
20150 2u Mathematics in Practice	5884	29.42	8.01	29.7	8.2	0.84
20160 2u Mathematics in Society	26661	29.32	8.15	29.5	8.6	0.91
20170 2u Mathematics	22857	32.74	8.97	32.9	9.4	0.93
20171 3u Mathematics	9513	41.08	6.61	41.2	6.4	0.91
20172 4u Mathematics	2169	45.84	3.76	45.8	4.0	0.83
Modern Greek						
21400 2u Modern Greek Z	18	34.46	10.94	29.5	16.0	0.55
21402 2u Modern Greek	266	33.29	7.9	33.3	8.2	0.87
21403 3u Modern Greek	126	37.25	6.84	37.1	7.3	0.76

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Correlation - Scaled Examination Mark vs Moderated Assessment (Continued)

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
Modern History						
20690 2u	Modern History (People and Events)	2843	29.58 8.02	29.8 8.0	0.90	
20700 2u	Modern History	7419	30.51 7.85	30.7 7.9	0.91	
20701 3u	Modern History	1573	34.7 6.52	35.0 6.4	0.84	
Music (Board)						
22230 2u	Music (Board) Course 1	3418	29.62 8.01	29.9 8.1	0.88	
22231 2u	Music (Board)	632	32.56 8.04	32.8 8.1	0.92	
22232 3u	Music (Board)	355	35.04 8.81	35.4 8.8	0.89	
Persian						
21405 2u	Persian	78	30.39 7.5	0.0 0.0	0.00	
Personal Development, Health and Physical Education						
22600 2u	Personal Development, Health and Physical Education	9265	29.55 8.22	29.8 8.4	0.91	
Physics						
20290 2u	Physics	9014	29.44 8.53	29.6 8.7	0.92	
Polish						
21410 2u	Polish	26	32.77 9.24	33.8 9.5	0.85	
Portuguese						
21415 2u	Portuguese	27	32.55 5.56	6.4 12.4	-0.10	
Rural Technology						
21890 2u	Rural Technology	22	28.23 6.29	28.2 6.0	0.94	
Russian						
21420 2u	Russian Z	8	46.45 3.24	46.4 3.1	0.96	
21422 2u	Russian	45	32.58 7	31.0 11.0	0.29	
21423 3u	Russian	30	34.19 6.92	33.3 11.9	0.74	
Science						
20250 3u	Science	151	29.67 7.82	29.9 7.2	0.92	
20251 4u	Science	341	38.57 6.67	38.6 7.1	0.92	
Science for Life						
20310 2u	Science for Life	3274	29.16 7.83	29.5 7.8	0.81	
Serbian						
21430 2u	Serbian	70	32.25 6.96	32.2 10.2	0.76	
Sheep Husbandry and Wool Technology						
21900 2u	Sheep Husbandry and Wool Technology	22	30.75 8.36	30.8 9.5	0.93	

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Correlation - Scaled Examination Mark vs Moderated Assessment (Continued)

Subject Course	Number of Candidates	---SEM---		---MA---		Cor'In Coeff.
		Mn	SD	Mn	SD	
Slovenian						
21440 2u Slovenian	2	49.5	0.5	49.8	0.2	-1.00
Society and Culture						
20720 2u Society and Culture	2703	30.65	7.89	30.9	7.8	0.89
20721 3u Society and Culture	467	35.58	6.44	35.9	6.0	0.88
Spanish						
21450 2u Spanish Z	86	30.83	9.41	30.7	10.3	0.95
21452 2u Spanish	292	32.72	7.2	32.7	8.0	0.75
21453 3u Spanish	116	36.87	5.49	36.1	8.1	0.63
Studies of Religion						
20710 2u Studies of Religion	879	29.92	7.53	30.1	7.8	0.89
20711 1u Studies of Religion	7964	29.56	7.71	29.8	8.1	0.84
Swedish						
21445 2u Swedish	11	42.05	4.06	0.0	0.0	0.00
Textiles and Design						
21920 2u Textiles and Design	663	31.19	8.03	31.5	8.2	0.90
21921 3u Textiles and Design	187	35.83	5.85	36.1	5.8	0.85
Turkish						
21460 2u Turkish	104	30.36	9.59	30.5	9.8	0.92
21461 3u Turkish	67	33.79	8.86	34.0	10.0	0.85
Ukrainian						
21470 2u Ukrainian	8	35.18	9.53	35.2	9.9	0.80
Vietnamese						
21480 2u Vietnamese	184	30.01	8.26	30.5	8.1	0.90
Visual Arts						
22250 2u Visual Arts	9856	30.88	7.53	31.1	7.7	0.87
22251 3u Visual Arts	3643	33.03	6.92	33.3	7.1	0.77

Percentile Bands

The *percentile bands* provide an indication of a candidate's standing relative to other candidates presenting for the particular course. The percentile bands were determined on the basis of the combination of the examination mark and the assessment mark. Nine percentile bands were used, the top eight covering 10% each and the bottom one covering the remaining 20%.

Thus a candidate who received a band of:

- 91 - 100% was in the top 10% of the course candidature;
- 20% was in the bottom 20% of the course candidature.

Two percentile bands were reported in each 3 Unit course. The percentile band corresponding to the 'Common Paper' performance was a notional figure that indicated what the candidate's standing within the 2 Unit candidature would have been had he/she been a 2 Unit candidate. The second percentile band indicated the candidate's standing within the 3 Unit candidature based on performance in the 'Additional Paper' only.

A similar relationship existed between the percentile bands reported for the 4 Unit Mathematics and the 3 Unit Mathematics courses.

Separate percentile bands were reported for each of the 3 Unit and 4 Unit Science courses.

Where the number of candidates presenting a particular course was small (usually less than 100), percentile bands were not reported.

Table 10, on the following pages, lists the number and percentage of candidates in each percentile band as well as the band cutoff marks. The table includes courses with candidatures greater than 100. For courses with a single candidature, the percentage of candidates in each band will be close to 10% (20% for the bottom band).

Related courses have two candidatures, one taking only the Common course and the other taking both the Common and Additional courses. Candidates taking both courses are excluded from the scaling of the Common course so that 10% of those taking only the Common course will fall into each band (20% for the bottom band). The other candidates are then placed back into the distribution, resulting the percentage of candidates in each band being altered.

Additional courses are scaled to produce the same distribution as those candidates obtained on the Common paper. Generally there will not be 10% of candidates in each band for Additional courses.

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Table 10 - Distribution of Percentiles by Course for Candidatures Larger than 100

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Aboriginal Studies										
20600 2u Aboriginal Studies										458
Number	47	44	47	46	45	46	46	44	93	
Percent	10.3	9.6	10.3	10.0	9.8	10.0	10.0	9.6	20.3	
Cutoff	39.5	36.8	34.4	32.4	30.6	28.8	26.2	23.4	0.9	
Accounts Clerical										
21801 2u Accounting										424
Number	45	40	49	36	43	43	42	43	83	
Percent	10.6	9.4	11.6	8.5	10.1	10.1	9.9	10.1	19.6	
Cutoff	43.3	40.8	36.7	33.3	30.0	27.8	25.5	21.8	5.3	
Agriculture										
21810 2/3u Agriculture										1953
Number	209	222	217	212	190	193	176	176	358	
Percent	10.7	11.4	11.1	10.9	9.7	9.9	9.0	9.0	18.3	
Cutoff	40.2	36.6	34.1	31.9	30.0	28.1	26.0	23.0	0.7	
21811 3u Agriculture										217
Number	21	22	23	21	20	23	20	22	45	
Percent	9.7	10.1	10.6	9.7	9.2	10.6	9.2	10.1	20.7	
Cutoff	42.5	39.8	37.6	36.4	34.8	33.7	32.4	31.0	16.5	
Ancient History										
20621 2u Ancient History (Personalities and Times)										2922
Number	293	288	296	283	300	291	295	294	582	
Percent	10.0	9.9	10.1	9.7	10.3	10.0	10.1	10.1	19.9	
Cutoff	39.8	36.6	34.1	32.3	30.3	28.3	25.9	23.1	4.1	
20630 2/3u Ancient History										4438
Number	650	497	485	470	439	387	395	391	724	
Percent	14.7	11.2	10.9	10.6	9.9	8.7	8.9	8.8	16.3	
Cutoff	39.0	36.2	34.1	32.0	30.0	28.2	26.1	23.3	1.5	
20631 3u Ancient History										1288
Number	133	120	140	123	124	134	130	128	256	
Percent	10.3	9.3	10.9	9.6	9.6	10.4	10.1	9.9	19.9	
Cutoff	42.6	39.6	37.7	36.2	34.4	32.8	30.6	28.0	2.6	
Applied Studies										
21905 1u Applied Studies										979
Number	98	99	96	100	92	102	96	101	195	
Percent	10.0	10.1	9.8	10.2	9.4	10.4	9.8	10.3	19.9	
Cutoff	39.6	36.2	34.2	32.2	30.2	28.3	25.7	23.0	1.6	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Arabic										
21201 2u Arabic (General)										257
Number	26	26	26	26	23	28	25	25	52	
Percent	10.1	10.1	10.1	10.1	9.0	10.9	9.7	9.7	20.2	
Cutoff	39.2	36.4	34.1	32.7	30.7	29.1	26.3	22.6	4.1	
21203 3u Arabic										110
Number	10	12	11	11	10	11	12	11	22	
Percent	9.1	10.9	10.0	10.0	9.1	10.0	10.9	10.0	20.0	
Cutoff	42.1	39.6	37.4	34.8	32.2	29.9	28.5	26.1	20.3	
Biology										
20260 2u Biology										15339
Number	1536	1498	1586	1542	1547	1488	1542	1535	3065	
Percent	10.0	9.8	10.3	10.1	10.1	9.7	10.1	10.0	20.0	
Cutoff	39.9	36.7	34.2	32.1	30.2	28.2	25.8	22.8	0.8	
Business Studies										
20640 2/3u Business Studies										15179
Number	2398	1840	1593	1521	1450	1293	1360	1263	2461	
Percent	15.8	12.1	10.5	10.0	9.6	8.5	9.0	8.3	16.2	
Cutoff	39.3	36.4	34.2	32.2	30.2	28.3	25.9	23.1	2.8	
20641 3u Business Studies										3079
Number	304	310	313	303	313	312	294	316	614	
Percent	9.9	10.1	10.2	9.8	10.2	10.1	9.6	10.3	19.9	
Cutoff	43.7	41.8	40.1	38.6	37.3	35.9	34.4	31.9	5.6	
Chemistry										
20270 2u Chemistry										10479
Number	1036	1050	1073	1026	1041	1032	1072	1048	2101	
Percent	9.9	10.0	10.2	9.8	9.9	9.9	10.2	10.0	20.1	
Cutoff	40.6	37.1	34.4	32.4	30.4	28.2	25.8	22.6	2.1	
Chinese										
21222 2/3u Chinese (BS)										536
Number	154	74	61	44	57	39	33	27	47	
Percent	28.7	13.8	11.4	8.2	10.6	7.3	6.2	5.0	8.8	
Cutoff	36.2	34.2	32.6	31.3	29.5	27.6	25.0	23.0	10.2	
21223 3u Chinese (BS)										362
Number	36	36	37	34	39	34	36	37	73	
Percent	9.9	9.9	10.2	9.4	10.8	9.4	9.9	10.2	20.2	
Cutoff	40.2	38.4	37.1	35.8	34.5	33.4	32.1	30.4	16.8	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Computing Studies										
21819 2u Computing Studies (General)										
5779										
Number	572	576	582	580	586	581	573	566	1163	
Percent	9.9	10.0	10.1	10.0	10.1	10.1	9.9	9.8	20.1	
Cutoff	39.7	36.7	34.3	32.3	30.4	28.4	26.1	23.3	0.0	
21820 2/3u Computing Studies										8642
Number	1164	980	959	894	800	835	771	774	1465	
Percent	13.5	11.3	11.1	10.3	9.3	9.7	8.9	9.0	17.0	
Cutoff	39.0	36.3	34.1	32.1	30.3	28.3	26.1	23.0	1.0	
21821 3u Computing Studies										1686
Number	173	167	170	170	162	177	162	162	343	
Percent	10.3	9.9	10.1	10.1	9.6	10.5	9.6	9.6	20.3	
Cutoff	42.7	40.7	39.1	37.5	36.2	34.6	32.9	30.5	12.0	
Dance										
22210 2u Dance										287
Number	29	28	30	27	30	29	30	26	58	
Percent	10.1	9.8	10.5	9.4	10.5	10.1	10.5	9.1	20.2	
Cutoff	40.5	37.2	33.4	31.9	30.4	28.5	26.5	23.9	8.3	
Design and Technology										
21880 2/3u Design and Technology										4651
Number	562	523	494	458	463	447	427	434	843	
Percent	12.1	11.2	10.6	9.9	10.0	9.6	9.2	9.3	18.1	
Cutoff	39.0	36.2	34.0	32.1	30.3	28.3	26.3	23.6	2.8	
21881 3u Design and Technology										559
Number	55	57	53	58	59	53	56	57	111	
Percent	9.8	10.2	9.5	10.4	10.6	9.5	10.0	10.2	19.9	
Cutoff	43.0	40.3	38.3	36.7	35.0	33.7	31.9	29.9	8.8	
Drama										
22220 2u Drama										3638
Number	368	369	348	364	365	370	364	364	726	
Percent	10.1	10.1	9.6	10.0	10.0	10.2	10.0	10.0	20.0	
Cutoff	39.7	36.6	34.3	32.2	30.3	28.4	26.3	23.4	0.9	
Economics										
20650 2/3u Economics										5873
Number	918	729	637	583	563	518	502	491	932	
Percent	15.6	12.4	10.9	9.9	9.6	8.8	8.6	8.4	15.9	
Cutoff	39.1	36.1	33.9	32.0	30.1	28.1	26.0	23.0	4.1	
20651 3u Economics										1371
Number	131	147	133	134	141	139	141	131	274	
Percent	9.6	10.7	9.7	9.8	10.3	10.1	10.3	9.6	20.0	
Cutoff	43.2	40.8	39.3	37.7	36.3	34.7	33.3	31.6	6.6	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Electronics Technology										
21830 2u Electronics Technology										170
Number	16	16	20	13	22	15	17	15	36	
Percent	9.4	9.4	11.8	7.7	12.9	8.8	10.0	8.8	21.2	
Cutoff	40.3	37.3	34.2	31.8	29.5	27.2	24.9	22.6	12.5	
Engineering Science										
21840 2/3u Engineering Science 1401										
Number	179	154	152	133	130	134	128	132	259	
Percent	12.8	11.0	10.9	9.5	9.3	9.6	9.1	9.4	18.5	
Cutoff	39.5	36.4	33.9	32.2	30.4	28.4	26.1	23.2	4.2	
21841 3u Engineering Science 163										
Number	16	19	12	19	15	17	16	16	33	
Percent	9.8	11.7	7.4	11.7	9.2	10.4	9.8	9.8	20.3	
Cutoff	43.5	41.7	40.0	38.2	36.2	34.7	33.3	31.2	15.2	
English										
20050 2u Contemporary English 20882										
Number	2077	2075	2170	2087	2025	2097	2039	2137	4175	
Percent	10.0	9.9	10.4	10.0	9.7	10.0	9.8	10.2	20.0	
Cutoff	38.6	36.0	33.9	32.1	30.3	28.5	26.4	23.8	1.5	
20060 2u English (General)										29605
Number	2947	2937	2948	3008	3032	2958	2914	2949	5912	
Percent	10.0	9.9	10.0	10.2	10.2	10.0	9.8	10.0	20.0	
Cutoff	38.7	35.9	33.8	31.9	30.1	28.3	26.4	24.1	2.4	
20070 2/3u English										8176
Number	1127	903	815	811	778	780	774	725	1463	
Percent	13.8	11.0	10.0	9.9	9.5	9.5	9.5	8.9	17.9	
Cutoff	44.2	42.3	40.8	39.3	37.9	36.2	34.4	32.3	6.5	
20071 3u English										1490
Number	153	136	159	152	150	144	150	152	294	
Percent	10.3	9.1	10.7	10.2	10.1	9.7	10.1	10.2	19.7	
Cutoff	46.0	45.0	44.2	43.0	41.5	39.9	38.2	36.3	2.3	
Food Technology										
21870 2/3u Food Technology										3524
Number	423	406	363	364	347	338	321	319	643	
Percent	12.0	11.5	10.3	10.3	9.9	9.6	9.1	9.1	18.3	
Cutoff	39.3	36.1	33.9	32.1	30.3	28.4	26.0	23.3	5.1	
21871 3u Food Technology										391
Number	39	37	40	41	38	41	37	41	77	
Percent	10.0	9.5	10.2	10.5	9.7	10.5	9.5	10.5	19.7	
Cutoff	42.4	40.1	38.4	37.4	36.1	34.6	33.1	31.6	15.5	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
French										
21280 2u French Z										433
Number	43	44	43	44	42	45	42	44	86	
Percent	9.9	10.2	9.9	10.2	9.7	10.4	9.7	10.2	19.9	
Cutoff	40.3	36.7	34.2	32.2	30.3	28.2	26.6	24.0	2.0	
21281 2u French (General)										576
Number	56	59	58	57	59	55	58	59	115	
Percent	9.7	10.2	10.1	9.9	10.2	9.6	10.1	10.2	20.0	
Cutoff	39.8	36.5	33.8	32.2	30.2	28.5	26.0	23.3	2.5	
21282 2/3u French										314
Number	76	36	29	28	35	25	23	22	40	
Percent	24.2	11.5	9.2	8.9	11.2	8.0	7.3	7.0	12.7	
Cutoff	38.9	35.8	34.2	32.2	30.0	27.6	25.2	22.0	3.7	
21283 3u French										143
Number	13	16	14	15	15	15	12	14	29	
Percent	9.1	11.2	9.8	10.5	10.5	10.5	8.4	9.8	20.3	
Cutoff	45.3	42.2	40.0	38.4	36.8	34.7	33.0	31.1	13.8	
General Science										
20300 2u General Science										2015
Number	207	193	205	197	205	204	200	200	404	
Percent	10.3	9.6	10.2	9.8	10.2	10.1	9.9	9.9	20.1	
Cutoff	40.0	36.6	34.0	32.0	30.1	28.2	26.1	23.1	2.7	
General Studies										
20660 1u General Studies										14377
Number	1448	1414	1456	1417	1459	1416	1423	1457	2887	
Percent	10.1	9.8	10.1	9.9	10.2	9.9	9.9	10.1	20.1	
Cutoff	39.3	36.3	34.0	32.1	30.1	28.1	25.9	23.1	0.1	
Geography										
20670 2/3u Geography										8737
Number	1463	1099	973	870	764	761	709	711	1387	
Percent	16.7	12.6	11.1	10.0	8.7	8.7	8.1	8.1	15.9	
Cutoff	38.9	36.0	33.8	31.8	30.0	28.1	26.0	23.1	0.1	
20671 3u Geography										2036
Number	203	201	202	214	205	205	193	205	408	
Percent	10.0	9.9	9.9	10.5	10.1	10.1	9.5	10.1	20.0	
Cutoff	43.5	41.5	40.0	38.5	36.9	35.6	34.2	32.2	2.2	
Geology										
20280 2u Geology										275
Number	28	25	30	26	28	28	28	26	56	
Percent	10.2	9.1	10.9	9.5	10.2	10.2	10.2	9.5	20.4	
Cutoff	38.9	36.1	33.9	32.0	30.5	28.1	26.0	22.1	4.3	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
German										
21290 2u German Z										137
Number	14	13	14	13	14	13	14	14	28	
Percent	10.2	9.5	10.2	9.5	10.2	9.5	10.2	10.2	20.4	
Cutoff	43.3	39.4	35.7	31.9	29.9	27.5	25.6	21.9	9.0	
21291 2u German (General)										369
Number	37	36	37	37	37	36	37	37	75	
Percent	10.0	9.8	10.0	10.0	10.0	9.8	10.0	10.0	20.3	
Cutoff	39.5	36.2	34.3	32.5	30.3	28.4	26.3	23.6	6.0	
21292 2/3u German										251
Number	56	27	23	39	20	19	16	16	35	
Percent	22.3	10.8	9.2	15.5	8.0	7.6	6.4	6.4	13.9	
Cutoff	41.9	39.4	37.7	33.7	31.4	28.5	26.8	24.8	10.6	
21293 3u German										130
Number	13	13	14	12	13	15	13	11	26	
Percent	10.0	10.0	10.8	9.2	10.0	11.5	10.0	8.5	20.0	
Cutoff	47.3	45.4	43.0	41.1	39.5	37.0	34.9	30.4	12.4	
Indonesian										
21320 2u Indonesian Z										112
Number	12	10	12	11	11	10	12	12	22	
Percent	10.7	8.9	10.7	9.8	9.8	8.9	10.7	10.7	19.6	
Cutoff	42.7	39.6	34.5	31.9	30.3	29.2	26.7	24.4	8.6	
21322 2/3u Indonesian										181
Number	48	16	23	14	14	13	13	13	27	
Percent	26.5	8.8	12.7	7.7	7.7	7.2	7.2	7.2	14.9	
Cutoff	41.0	38.3	33.9	32.2	29.6	26.0	24.1	22.7	8.5	
Industrial Technology										
21860 2u Industrial Technology										
2317										
Number	229	236	228	234	231	237	227	229	466	
Percent	9.9	10.2	9.8	10.1	10.0	10.2	9.8	9.9	20.1	
Cutoff	39.3	36.3	33.9	32.1	30.3	28.2	26.2	23.5	1.9	
Industry Studies										
20675 2u Industry Studies - Retail										552
Number	62	47	53	55	61	56	51	58	109	
Percent	11.2	8.5	9.6	10.0	11.1	10.1	9.2	10.5	19.8	
Cutoff	41.4	38.1	35.9	33.2	30.5	28.4	26.3	23.0	4.3	
21865 2u Industry Studies - Hospitality										1861
Number	185	208	144	212	199	178	191	178	366	
Percent	9.9	11.2	7.7	11.4	10.7	9.6	10.3	9.6	19.7	
Cutoff	39.9	36.9	35.2	32.9	30.6	28.5	26.4	23.9	5.0	
21866 2u Industry Studies - Metal										408
Number	38	40	40	43	47	39	43	36	82	
Percent	9.3	9.8	9.8	10.5	11.5	9.6	10.5	8.8	20.1	
Cutoff	33.9	30.8	27.9	26.1	23.7	21.3	18.9	16.5	2.0	

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Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Italian										
21330 2u Italian Z										190
Number	19	18	20	18	20	18	20	19	38	
Percent	10.0	9.5	10.5	9.5	10.5	9.5	10.5	10.0	20.0	
Cutoff	44.1	39.7	36.1	33.1	30.1	27.6	24.8	22.4	6.0	
21332 2/3u Italian 375										
Number	67	42	38	36	33	37	29	32	61	
Percent	17.9	11.2	10.1	9.6	8.8	9.9	7.7	8.5	16.3	
Cutoff	38.8	36.0	34.4	32.3	30.4	28.3	25.7	22.8	3.6	
Japanese										
21340 2u Japanese Z										401
Number	41	40	39	39	44	37	40	40	81	
Percent	10.2	10.0	9.7	9.7	11.0	9.2	10.0	10.0	20.2	
Cutoff	41.3	37.6	34.4	32.3	30.0	28.1	25.7	22.6	3.8	
21342 2/3u Japanese										1105
Number	253	141	120	98	85	90	82	81	155	
Percent	22.9	12.8	10.9	8.9	7.7	8.1	7.4	7.3	14.0	
Cutoff	40.3	36.8	33.8	31.8	30.0	27.9	25.7	22.7	3.4	
21343 3u Japanese										332
Number	33	33	36	28	36	33	34	32	67	
Percent	9.9	9.9	10.8	8.4	10.8	9.9	10.2	9.6	20.2	
Cutoff	46.6	44.5	43.3	42.1	40.6	38.9	37.1	34.6	21.0	
Korean										
21355 3u Korean (BS)										182
Number	18	18	19	18	18	19	18	18	36	
Percent	9.9	9.9	10.4	9.9	9.9	10.4	9.9	9.9	19.8	
Cutoff	39.1	36.3	34.6	33.0	31.5	29.5	27.8	24.3	10.1	
Legal Studies										
20680 2/3u Legal Studies 7428										
Number	1000	837	816	754	708	699	668	663	1283	
Percent	13.5	11.3	11.0	10.2	9.5	9.4	9.0	8.9	17.3	
Cutoff	39.3	36.3	34.0	32.0	30.1	28.1	25.9	23.0	3.4	
20681 3u Legal Studies 1230										
Number	117	128	121	125	126	120	122	126	245	
Percent	9.5	10.4	9.8	10.2	10.2	9.8	9.9	10.2	19.9	
Cutoff	42.7	40.7	38.9	37.4	35.9	34.1	32.8	30.6	12.8	
Life Management Studies										
22300 2/3u Life Management Studies										3635
Number	509	404	394	363	337	340	330	334	624	
Percent	14.0	11.1	10.8	10.0	9.3	9.4	9.1	9.2	17.2	
Cutoff	38.8	36.1	34.0	32.2	30.4	28.4	26.3	23.2	2.1	
22301 3u Life Management Studies										681
Number	71	65	68	67	70	69	66	68	137	
Percent	10.4	9.5	10.0	9.8	10.3	10.1	9.7	10.0	20.1	
Cutoff	42.7	40.3	38.7	37.3	35.4	33.7	31.9	29.2	6.3	

Higher School Certificate Examination 1999

Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Mathematics										
20150 2u Mathematics in Practice										5907
Number	586	603	591	569	597	594	602	595	1170	
Percent	9.9	10.2	10.0	9.6	10.1	10.1	10.2	10.1	19.8	
Cutoff	39.2	36.4	34.2	32.3	30.4	28.4	25.9	23.0	2.8	
20160 2u Mathematics in Society										26737
Number	2647	2696	2625	2671	2674	2700	2680	2688	5356	
Percent	9.9	10.1	9.8	10.0	10.0	10.1	10.0	10.1	20.0	
Cutoff	39.9	36.7	34.3	32.2	30.1	27.9	25.5	22.5	2.0	
20170 2/3u Mathematics										22936
Number	6248	2672	2035	1950	1783	1754	1634	1621	3239	
Percent	27.2	11.7	8.9	8.5	7.8	7.7	7.1	7.1	14.1	
Cutoff	39.6	36.5	34.2	32.1	30.1	28.0	25.8	22.8	0.1	
20171 3u Mathematics										9542
Number	1996	1076	897	886	817	776	824	758	1512	
Percent	20.9	11.3	9.4	9.3	8.6	8.1	8.6	7.9	15.9	
Cutoff	46.3	44.9	43.7	42.5	41.2	39.7	37.8	35.4	0.1	
20172 4u Mathematics										2171
Number	225	221	204	240	205	198	225	212	441	
Percent	10.4	10.2	9.4	11.1	9.4	9.1	10.4	9.8	20.3	
Cutoff	49.3	48.6	48.0	47.4	46.8	46.1	45.2	43.9	14.4	
Modern Greek										
21402 2/3u Modern Greek										266
Number	69	36	26	33	18	16	20	16	32	
Percent	25.9	13.5	9.8	12.4	6.8	6.0	7.5	6.0	12.0	
Cutoff	39.0	36.5	34.6	31.5	30.2	28.0	25.4	23.6	11.5	
21403 3u Modern Greek										126
Number	14	11	13	13	12	12	14	12	25	
Percent	11.1	8.7	10.3	10.3	9.5	9.5	11.1	9.5	19.8	
Cutoff	46.2	43.6	41.3	38.8	37.1	36.1	34.4	32.9	16.1	
Modern History										
20690 2u Modern History (People and Events)										2850
Number	285	280	295	285	272	291	281	290	571	
Percent	10.0	9.8	10.4	10.0	9.5	10.2	9.9	10.2	20.0	
Cutoff	39.5	36.6	34.3	32.3	30.5	28.5	26.2	23.0	1.3	
20700 2/3u Modern History										7456
Number	1111	870	783	723	723	694	647	668	1237	
Percent	14.9	11.7	10.5	9.7	9.7	9.3	8.7	9.0	16.6	
Cutoff	38.6	35.8	33.7	31.8	30.0	28.2	26.2	23.5	2.7	
20701 3u Modern History										1594
Number	159	158	162	162	155	158	158	168	314	
Percent	10.0	9.9	10.2	10.2	9.7	9.9	9.9	10.5	19.7	
Cutoff	42.9	40.4	38.3	36.7	35.2	33.7	31.9	29.8	8.4	

Higher School Certificate Examination 1999

Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Music (Board)										
22230 2u Music (Board) Course 1										3413
Number	344	344	333	345	345	324	360	340	678	
Percent	10.1	10.1	9.8	10.1	10.1	9.5	10.6	10.0	19.9	
Cutoff	39.5	36.5	34.2	32.2	30.4	28.6	26.5	23.7	3.9	
22231 2/3u Music (Board)										
632										
Number	124	95	68	63	48	45	60	44	85	
Percent	19.6	15.0	10.8	10.0	7.6	7.1	9.5	7.0	13.5	
Cutoff	40.0	36.6	34.2	32.3	30.7	28.5	26.5	24.0	9.5	
22232 3u Music (Board)										
358										
Number	37	35	35	41	31	36	35	36	72	
Percent	10.3	9.8	9.8	11.5	8.7	10.1	9.8	10.1	20.1	
Cutoff	47.2	42.9	40.0	38.0	36.1	34.1	31.9	28.0	6.0	
Personal Development, Health and Physical Education										
22600 2u Personal Development, Health and Physical Education										9310
Number	938	926	908	945	939	931	945	925	1853	
Percent	10.1	10.0	9.8	10.2	10.1	10.0	10.2	9.9	19.9	
Cutoff	39.9	36.7	34.4	32.3	30.3	28.3	26.0	22.8	2.3	
Physics										
20290 2u Physics										9091
Number	901	911	923	918	906	891	928	901	1812	
Percent	9.9	10.0	10.2	10.1	10.0	9.8	10.2	9.9	19.9	
Cutoff	40.4	37.1	34.5	32.2	30.2	28.0	25.7	22.5	2.0	
Science										
20250 3u Science										152
Number	15	15	16	15	15	15	15	16	30	
Percent	9.9	9.9	10.5	9.9	9.9	9.9	9.9	10.5	19.7	
Cutoff	38.9	35.8	32.9	31.5	30.7	29.3	27.2	24.1	8.1	
20251 4u Science										343
Number	34	33	35	36	33	35	34	34	69	
Percent	9.9	9.6	10.2	10.5	9.6	10.2	9.9	9.9	20.1	
Cutoff	46.1	44.3	43.0	41.6	39.9	38.2	35.9	33.5	8.7	
Science for Life										
20310 2u Science for Life										3280
Number	328	321	346	311	326	340	327	320	661	
Percent	10.0	9.8	10.6	9.5	9.9	10.4	10.0	9.8	20.2	
Cutoff	38.1	35.6	33.5	31.9	30.2	28.4	26.4	23.8	2.3	

Higher School Certificate Examination 1999

Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject Course Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	Total
Society and Culture										
20720 2/3u Society and Culture										2701
Number	382	326	267	268	258	261	236	244	459	
Percent	14.1	12.1	9.9	9.9	9.6	9.7	8.7	9.0	17.0	
Cutoff	39.1	36.1	34.2	32.3	30.3	28.3	26.2	23.7	3.4	
20721 3u Society and Culture										468
Number	47	47	46	49	45	47	47	47	93	
Percent	10.0	10.0	9.8	10.5	9.6	10.0	10.0	10.0	19.9	
Cutoff	43.2	40.5	39.0	37.7	36.5	35.0	33.0	31.0	14.5	
Spanish										
21452 2/3u Spanish										291
Number	78	39	24	21	24	25	22	23	35	
Percent	26.8	13.4	8.3	7.2	8.3	8.6	7.6	7.9	12.0	
Cutoff	38.5	35.3	33.5	32.2	30.5	29.1	27.6	25.4	10.0	
21453 3u Spanish										116
Number	12	11	12	11	12	12	11	12	23	
Percent	10.3	9.5	10.3	9.5	10.3	10.3	9.5	10.3	19.8	
Cutoff	43.2	41.0	40.1	39.3	37.4	36.7	34.9	32.7	13.3	
Studies of Religion										
20710 2u Studies of Religion										889
Number	89	88	90	90	89	88	87	90	178	
Percent	10.0	9.9	10.1	10.1	10.0	9.9	9.8	10.1	20.0	
Cutoff	40.4	36.4	34.1	32.0	30.2	28.2	26.0	23.8	4.5	
20711 1u Studies of Religion										8002
Number	806	815	791	797	776	823	812	778	1604	
Percent	10.1	10.2	9.9	10.0	9.7	10.3	10.2	9.7	20.0	
Cutoff	39.3	36.3	34.0	32.1	30.2	28.2	26.0	23.5	4.5	
Textiles and Design										
21920 2/3u Textiles and Design										668
Number	102	78	91	65	60	61	58	53	100	
Percent	15.3	11.7	13.6	9.7	9.0	9.1	8.7	7.9	15.0	
Cutoff	39.9	36.9	33.8	31.9	30.2	28.0	26.1	22.7	6.4	
21921 3u Textiles and Design										188
Number	18	19	19	20	17	20	19	18	38	
Percent	9.6	10.1	10.1	10.6	9.0	10.6	10.1	9.6	20.2	
Cutoff	43.3	40.9	39.4	38.2	37.1	34.8	33.0	31.1	21.7	
Tourism Sector Services										
21931 2u Tourism Sector Services										745
Number	66	94	53	92	56	97	53	83	151	
Percent	8.9	12.6	7.1	12.4	7.5	13.0	7.1	11.1	20.3	
Cutoff	42.2	38.9	36.7	33.3	31.1	29.2	28.5	27.0	6.5	

Higher School Certificate Examination 1999

Distribution of Percentiles by Course for Candidatures Larger than 100 (continued)

Subject										Total
Course										
Band:	91-100	81-90	71-80	61-70	51-60	41-50	31-40	21-30	0-20	
Vietnamese										
21480 2u Vietnamese										184
Number	18	19	18	18	19	18	19	18	37	
Percent	9.8	10.3	9.8	9.8	10.3	9.8	10.3	9.8	20.1	
Cutoff	40.9	37.6	35.3	32.1	30.7	28.2	25.6	24.1	7.5	
Visual Arts										
22250 2/3u Visual Arts										9841
Number	1325	1227	1120	1103	935	965	836	827	1503	
Percent	13.5	12.5	11.4	11.2	9.5	9.8	8.5	8.4	15.3	
Cutoff	39.1	36.2	34.0	32.0	30.2	28.2	26.1	23.4	1.1	
22251 3u Visual Arts										3643
Number	356	376	368	372	334	378	369	366	724	
Percent	9.8	10.3	10.1	10.2	9.2	10.4	10.1	10.1	19.9	
Cutoff	41.4	38.6	36.6	35.1	33.7	32.1	30.3	28.0	6.5	

Marking the Examination Scripts

Over a period of many years a procedure for marking the scripts has been developed to ensure that each candidate is treated as fairly as possible. Based on their knowledge of the subject and their experience, teachers from schools and universities are selected to carry out the marking according to carefully determined, detailed marking schemes. Some are appointed to more senior positions to control and check the marking process. They ensure that the marking schemes are applied accurately and consistently to all scripts. The application of this process, after the required weightings are applied to each section of the paper, results in a set of *raw examination marks*.

This set of marks places all candidates in each subject in an order of merit or a *rank order*, and indicates the relative magnitudes of the differences in performance of candidates in the examination. The marks are not a measure of achievement in an absolute sense. That is to say, a mark of 75% does not indicate that a candidate knows 75% of a given course; a mark of 10% does not indicate that a candidate has correctly answered only one-tenth of the examination paper.

Scaling of Raw Examination marks

For all courses, raw examination marks are converted to *scaled examination marks*.

For *large candidature 2 Unit courses*, taken by 200 or more 2 Unit candidates, the scaled examination mark is a mark out of 100, with the statewide median mark of the 2 Unit candidates set at 60 and with the distribution mapped to defined proportions. These proportions result in each course having a similar distribution of scaled examination marks.

Scaled examination marks for candidates taking a 3 Unit Additional paper are generally marks out of 50, set to reflect the performance of the 3 Unit candidature on the 2 Unit common paper. Similarly, the marks for 4 Unit candidates in Mathematics and Science are set to reflect the performance of the 4 Unit candidature on the paper they take in common with the 3 Unit candidates.

These scaled examination marks do not involve any scaling that is based on general ability across different subjects or courses.

This method of arriving at a scaled examination mark is appropriate for large 2 Unit candidatures, which tend to have relatively symmetrical distributions of raw examination marks. Different methods are employed for small candidatures because of the relatively unstable distributions from year to year.

For *small candidature 2 Unit courses*, taken by between 20 and 200 2 Unit candidates, scaled examination marks have been determined by setting the median mark at 60 but not mapping the distribution to closely defined proportions.

For *very small candidature 2 Unit courses*, taken by less than 20 candidates, no central mark is defined, the scaled examination marks being based on examiner judgements of the quality of performance of the highest and lowest-scoring candidates on a 100-mark scale.

The 1999 HSC raw examination marks were scaled according to the following constraints:

Two Unit Courses

For each 2 Unit course the raw examination mark distribution of the 2 Unit candidature was converted to an initial scaled examination mark distribution by a simple proportion that placed the marks on a scale of 0 to 100.

Large Candidature 2 Unit Courses - Candidatures Exceeding 200

The maximum final scaled mark for each course was set to reflect the expectation for an able, well-prepared candidate in that course. In most courses, this ranged from 95 to 100.

The minimum final scaled mark for each course was set to resemble the minimum raw mark on a 100-mark scale.

Other mapping points were inserted, if necessary, to meet the Board's requirements, from 1996, that:

- the median of the scaled marks would be 60
- approximately 1% of candidates would be awarded marks of 90 or more, (In general, when establishing the percentage of candidates above 90 marks, the mapping point that gave the percentage closest to, but not less than 1% was chosen. In subjects that do not have a 3 Unit Additional course approximately 2% of the students were given a mark of 90 or more.)
- approximately 25% of candidates would be awarded marks of 70 or more
- approximately 75% of candidates would be awarded marks of 50 or more
- approximately 5% of candidates would be awarded marks of less than 30.

Small Candidature 2 Unit Courses - Candidatures Between 20 and 200

The maximum final scaled mark for each course was set to reflect the expectation for an able, well-prepared candidate in that course.

The minimum final scaled mark was set to resemble the minimum raw mark on a 100-mark scale.

The median initial scaled mark was set to a final scaled mark of 60.

Care is also taken to ensure that no more than about 5% of candidates receive marks that are greater than 90 with a similar limit on those receiving a mark less than 30.

Very small candidature 2 Unit courses - Candidatures Less Than 20

The maximum final scaled mark for each course was set to reflect the expectation for an able, well-prepared candidate in that course.

The minimum final scaled mark was set to resemble the minimum raw mark on a 100-mark scale.

Three Unit Courses

Unless there were compelling reasons to the contrary, the distribution of final scaled marks on the 3 Unit additional paper was set to be the same as that of the scaled marks of the 3 Unit candidature on the 2/3 Unit common paper in that subject.

In the 3 Unit Science course, for which there was no 2/3 unit common paper, the median of the final scaled marks was set at 90 on a 150-mark scale. The mark levels corresponding to designated percentages of the candidature (as in large 2 Unit candidature courses) were then adjusted accordingly. For example, approximately 1% of candidates were awarded marks of 135 or more.

Four Unit Courses

In Mathematics, the distribution of final scaled marks on the 4 Unit paper was set to be similar to that of the scaled marks of the 4 Unit candidature on the 3/4 Unit common paper in the subject. Variations to this principle occurred where considered necessary.

In Science, the distribution of marks was set to be similar to that of the scaled marks of the 4 Unit candidates on the 3/4 Unit Core paper.

A Guide to the Course Scaling Statistics

The following pages show, for each of the course candidatures in every subject presented at the Higher School Certificate, the various statistics relating to examination performance. The tables and graphs describe the decisions taken by the Examination Consultative and Executive Committee in conjunction with the various Examination Committees.

For *Single* and *Common* courses the histogram pairs show the relationship between the Initial (inverted) and Final (upright) distributions. The lines joining the histograms represent the mapping points used to produce the Final distribution by reshaping the Initial distribution. Since the Initial marks are derived from the Raw marks by a linear transformation, the Initial marks have the same distribution shape as the Raw marks.

For *Additional* courses, from 1996, the histogram pairs show the relationship between the Raw (inverted) and Final (upright) distributions. The Initial marks do not have the same distribution shape as the Raw marks for Additional courses because they reflect the relative performance of the Additional candidature on the Common paper. Consequently, the transformation from Raw to Initial marks is non-linear. The mapping points used to produce the Final distribution reshape the Initial distribution further.

For courses with fewer than 200 candidates the final distribution does not have to be within the close tolerances required for larger candidature courses. Grouped frequency distribution tables are not included for such courses.

Data are provided for three phases of the examination marks:

Raw Scores

These are the scores awarded by the examiners at the marking stage and are on the scales specified by the examination committees. The maximum possible mark for each course is shown in its table of statistics.

Initial Scaled Scores

These are the scores obtained after converting the marks in each 2 unit course onto a scale from 0 to 50 by a simple ratio transformation. The shape of the distribution of marks is not changed.

Final Scaled Scores

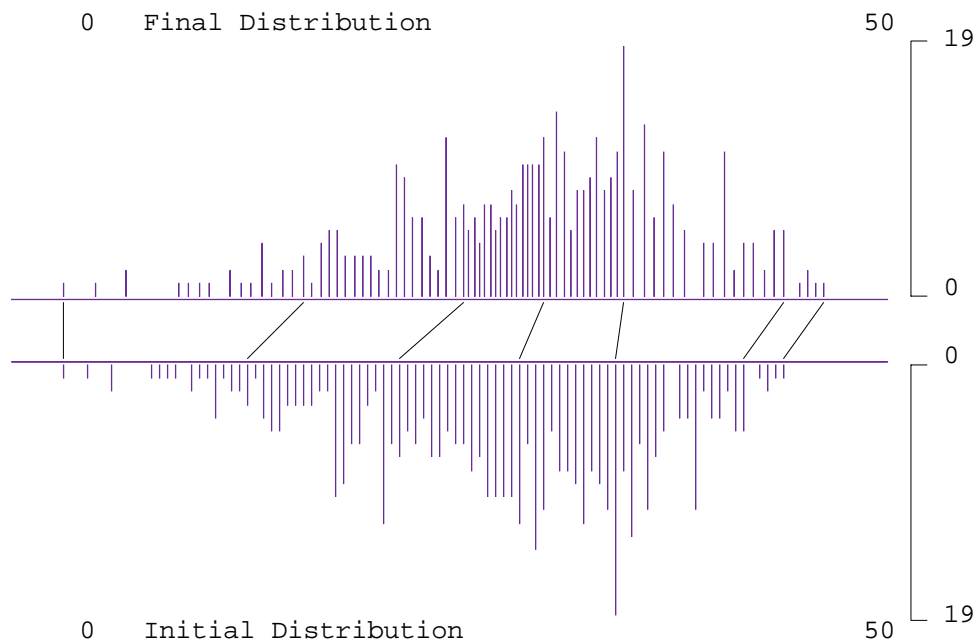
These are produced by the application of mapping points as listed at the bottom of each page. These mapping points are determined by the subject examination committees during deliberations with the Board of Studies' Consultative and Executive Committee.

Higher School Certificate Examination 1999

Aboriginal Studies - 2 unit - 20600

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	54.81	27.41	29.51	Candidature: 445	
Std.Devn	17.86	8.93	8.19		
Minimum	0.00	0.00	0.00	Mapping Points Initial - Final	
Median	57.00	28.50	30.00		
Maximum	90.00	45.00	47.50		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	10	2.25	10	2.25	45.0 - 47.5
35 - 44.9	105	23.60	115	25.84	42.5 - 45.0
25 - 34.9	221	49.66	336	75.51	34.5 - 35.0
15 - 24.9	88	19.78	424	95.28	28.5 - 30.0
0 - 14.9	21	4.72	445	100.00	21.0 - 25.0
					11.5 - 15.0
					0.0 - 0.0

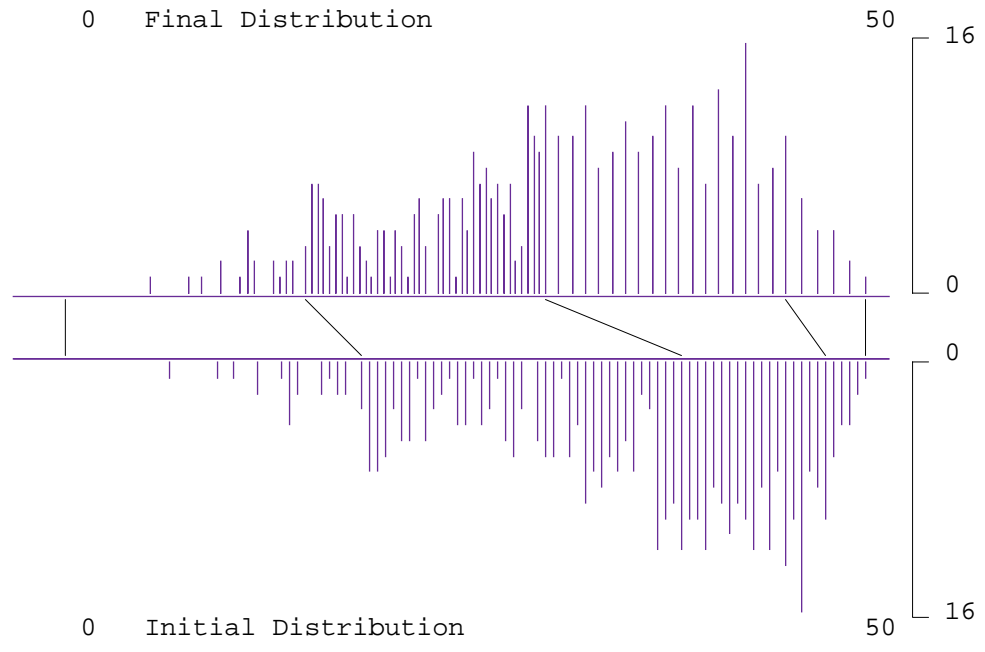


Higher School Certificate Examination 1999

Accounting - 2 unit - 21801

Performance of the Single 2 unit candidature

	Raw/100	Initial/50	Final/50		
Mean	71.61	35.80	30.25	Candidature: 422	
Std.Devn	19.03	9.52	9.65		
Minimum	13.00	6.50	5.30		
Median	77.00	38.50	30.00		
Maximum	100.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	17	4.03	17	4.03	47.5 - 45.0
35 - 44.9	133	31.52	150	35.55	38.5 - 30.0
25 - 34.9	150	35.55	300	71.09	18.5 - 15.0
15 - 24.9	103	24.41	403	95.50	0.0 - 0.0
0 - 14.9	19	4.50	422	100.00	

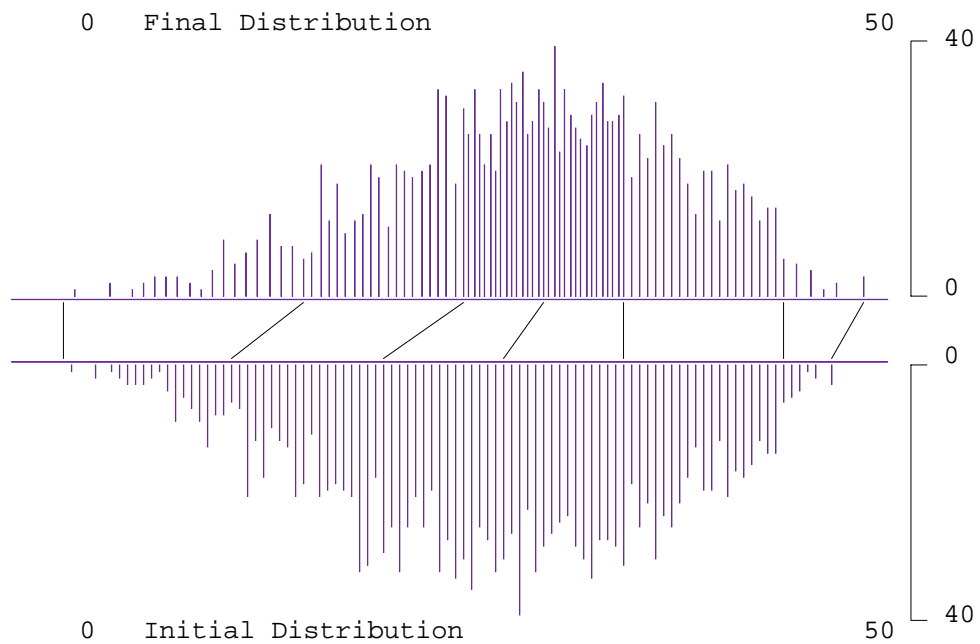


Higher School Certificate Examination 1999

Agriculture - 2/3 unit - 21810

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	54.18	27.09	29.50	Candidature: 1702	
Std.Devn	19.44	9.72	8.12		
Minimum	1.00	0.50	0.70		
Median	55.00	27.50	30.00		
Maximum	96.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	48.0 - 50.0
45 - 50.0	21	1.23	21	1.23	45.0 - 45.0
35 - 44.9	397	23.33	418	24.56	35.0 - 35.0
25 - 34.9	869	51.06	1287	75.62	27.5 - 30.0
15 - 24.9	334	19.62	1621	95.24	20.0 - 25.0
0 - 14.9	81	4.76	1702	100.00	10.5 - 15.0
					0.0 - 0.0

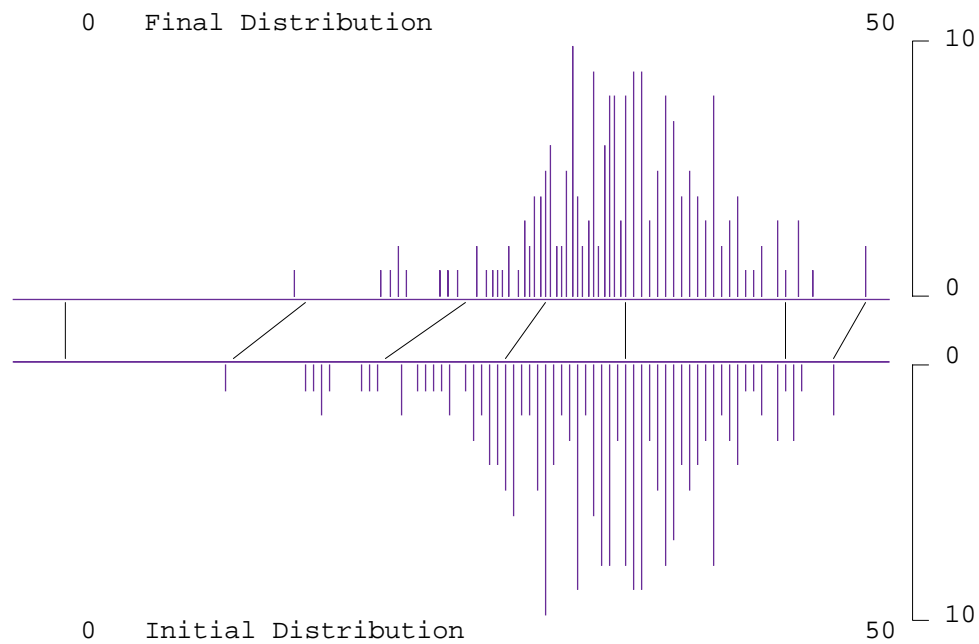


Higher School Certificate Examination 1999

Agriculture - 2/3 unit - 21810

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	67.07	33.54	34.61	Candidature: 202	
Std.Devn	13.38	6.69	5.50		
Minimum	20.00	10.00	14.30		
Median	68.00	34.00	34.30		
Maximum	96.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	7	3.47	7	3.47	48.0 - 50.0
35 - 44.9	89	44.06	96	47.52	45.0 - 45.0
25 - 34.9	97	48.02	193	95.54	35.0 - 35.0
15 - 24.9	8	3.96	201	99.50	27.5 - 30.0
0 - 14.9	1	0.50	202	100.00	20.0 - 25.0
					10.5 - 15.0
					0.0 - 0.0

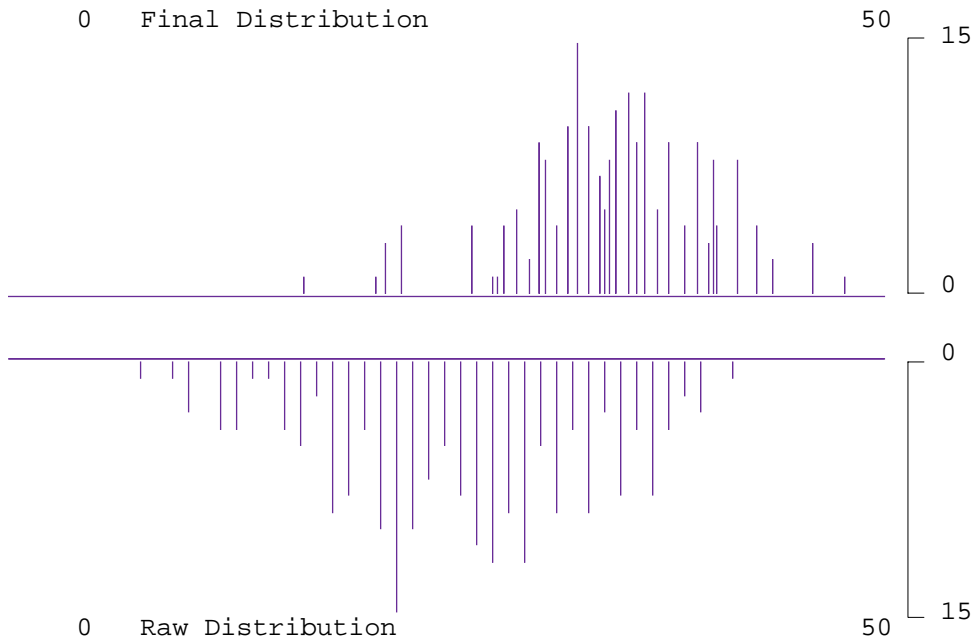


Higher School Certificate Examination 1999

Agriculture - 3 unit - 21811

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	25.12	33.45	34.53	Candidature: 206	
Std.Devn	7.86	6.66	5.46		
Minimum	5.00	10.70	15.20	Mapping Points Initial - Final	
Median	26.00	34.50	34.70		
Maximum	42.00	46.00	49.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	4	1.94	4	1.94	48.0 - 50.0
35 - 44.9	89	43.20	93	45.15	46.0 - 49.0
25 - 34.9	104	50.49	197	95.63	45.0 - 45.0
15 - 24.9	9	4.37	206	100.00	35.0 - 35.0
0 - 14.9	0	0.00	206	100.00	27.5 - 30.0
					20.0 - 25.0
					10.5 - 15.0
					0.0 - 0.0

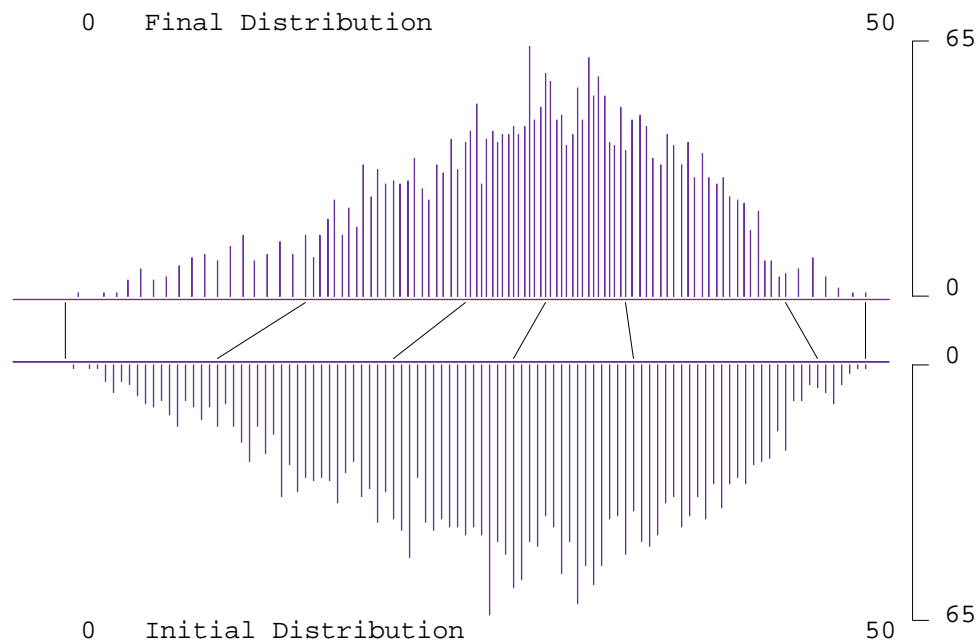


Higher School Certificate Examination 1999

Ancient History (Personalities & Times) - 2 unit - 20621

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	55.05	27.53	29.42	Candidature: 2846	
Std.Devn	20.60	10.30	8.19		
Minimum	1.00	0.50	0.80		
Median	56.00	28.00	30.00		
Maximum	100.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	32	1.12	32	1.12	50.0 - 50.0
35 - 44.9	696	24.46	728	25.58	47.0 - 45.0
25 - 34.9	1399	49.16	2127	74.74	35.5 - 35.0
15 - 24.9	584	20.52	2711	95.26	28.0 - 30.0
0 - 14.9	135	4.74	2846	100.00	20.5 - 25.0
					9.5 - 15.0
					0.0 - 0.0

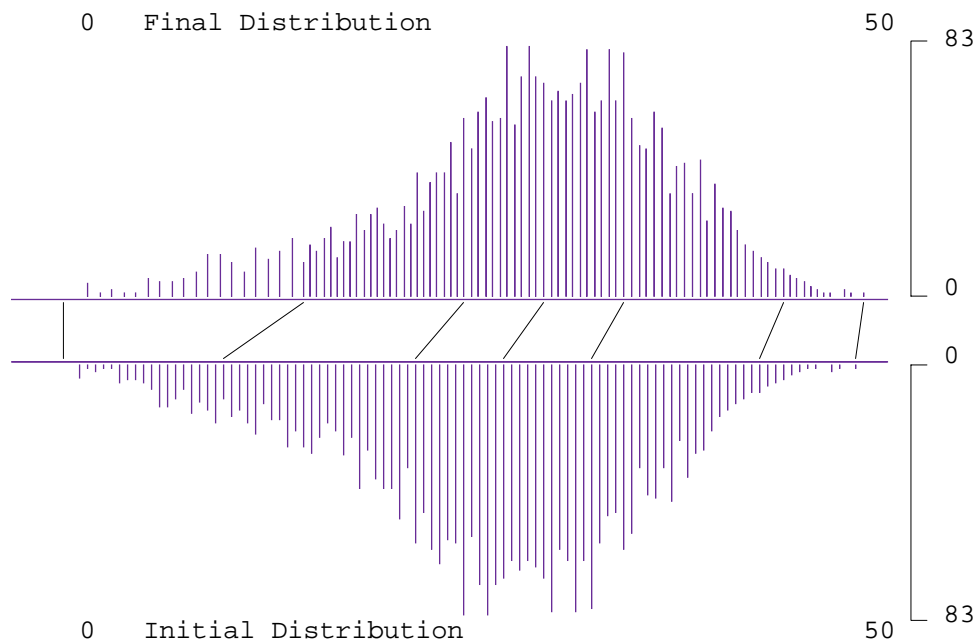


Higher School Certificate Examination 1999

Ancient History - 2/3 unit - 20630

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	53.48	26.74	29.39	Candidature: 3063	
Std.Devn	17.51	8.75	8.03		
Minimum	2.00	1.00	1.50		
Median	55.00	27.50	30.00		
Maximum	99.00	49.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	38	1.24	38	1.24	49.5 - 50.0
35 - 44.9	762	24.88	800	26.12	43.5 - 45.0
25 - 34.9	1483	48.42	2283	74.53	33.0 - 35.0
15 - 24.9	632	20.63	2915	95.17	27.5 - 30.0
0 - 14.9	148	4.83	3063	100.00	22.0 - 25.0
					10.0 - 15.0
					0.0 - 0.0

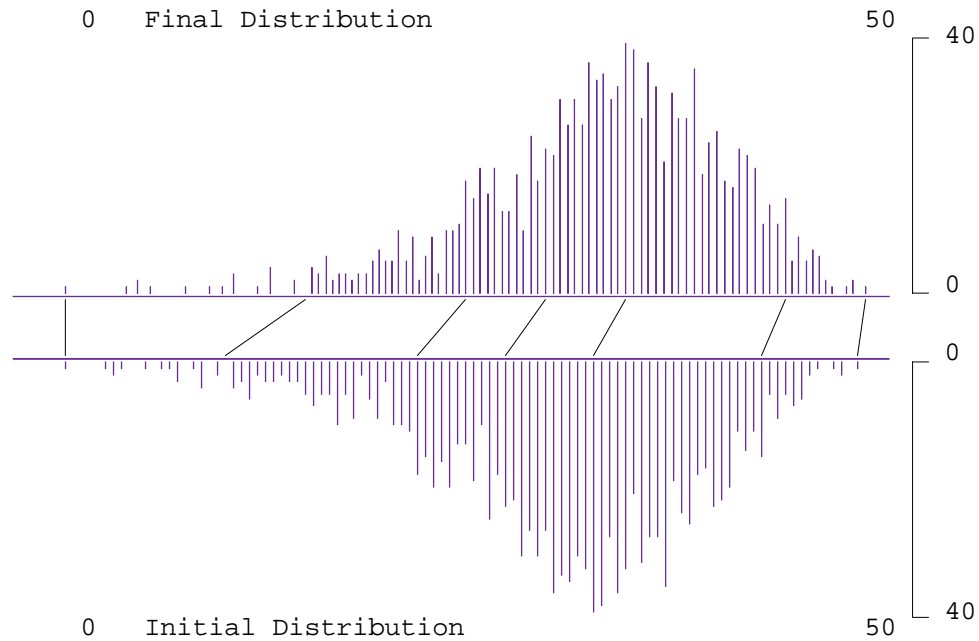


Higher School Certificate Examination 1999

Ancient History - 2/3 unit - 20630

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	62.48	31.24	33.51	Candidature: 1243	
Std.Devn	16.12	8.06	7.42		
Minimum	0.00	0.00	0.00		
Median	64.00	32.00	34.10		
Maximum	99.00	49.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	54	4.34	54	4.34	49.5 - 50.0
35 - 44.9	527	42.40	581	46.74	43.5 - 45.0
25 - 34.9	518	41.67	1099	88.42	33.0 - 35.0
15 - 24.9	126	10.14	1225	98.55	27.5 - 30.0
0 - 14.9	18	1.45	1243	100.00	22.0 - 25.0
					10.0 - 15.0
					0.0 - 0.0

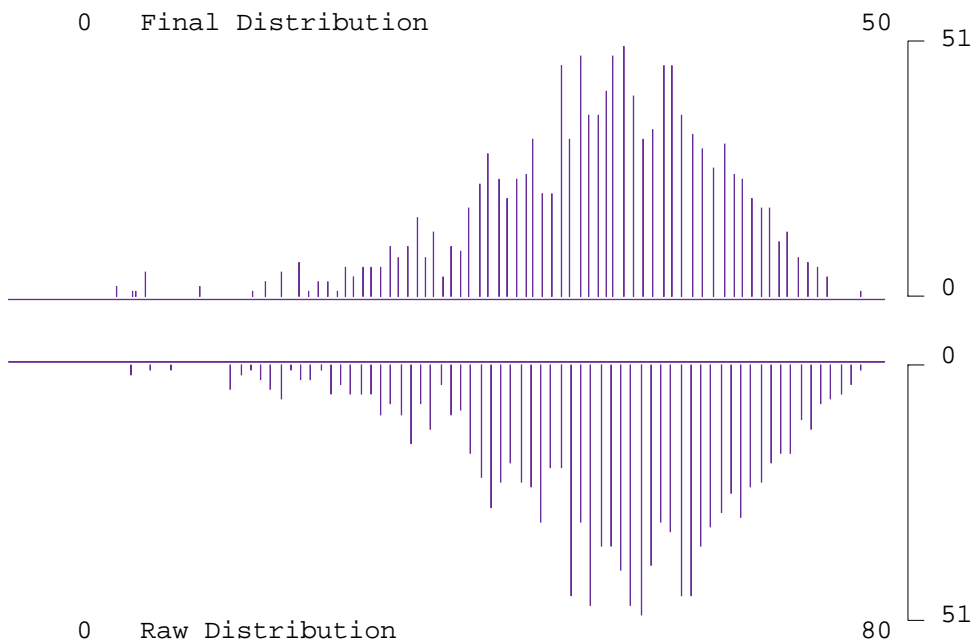


Higher School Certificate Examination 1999

Ancient History - 3 unit - 20631

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/80	Initial/50	Final/50		
Mean	54.71	31.20	33.47	Candidature: 1245	
Std.Devn	12.56	8.05	7.43		
Minimum	7.00	2.30	3.50	Mapping Points Initial - Final	
Median	56.00	32.00	34.10		
Maximum	80.00	49.50	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	39	3.13	39	3.13	49.5 - 50.0
35 - 44.9	525	42.17	564	45.30	43.5 - 45.0
25 - 34.9	539	43.29	1103	88.59	33.0 - 35.0
15 - 24.9	115	9.24	1218	97.83	27.5 - 30.0
0 - 14.9	27	2.17	1245	100.00	22.0 - 25.0
					10.0 - 15.0
					0.0 - 0.0

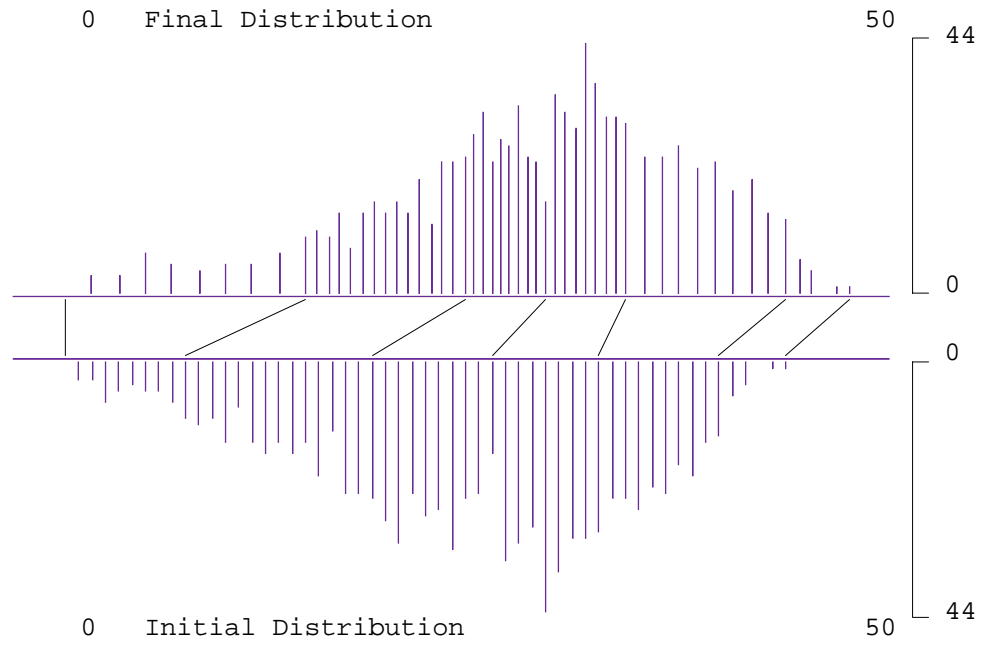


Higher School Certificate Examination 1999

Applied Studies - 1 unit - 21905

Performance of the Single **1 unit** candidature

	Raw/60	Initial/50	Final/50		
Mean	30.20	25.17	29.25	Candidature: 965	
Std.Devn	11.47	9.56	8.38		
Minimum	1.00	0.80	1.60		
Median	31.00	25.80	29.40		
Maximum	54.00	45.00	49.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	25	2.59	25	2.59	45.0 - 49.0
35 - 44.9	201	20.83	226	23.42	40.8 - 45.0
25 - 34.9	495	51.30	721	74.72	33.3 - 35.0
15 - 24.9	205	21.24	926	95.96	26.7 - 30.0
0 - 14.9	39	4.04	965	100.00	19.2 - 25.0
					7.5 - 15.0
					0.0 - 0.0

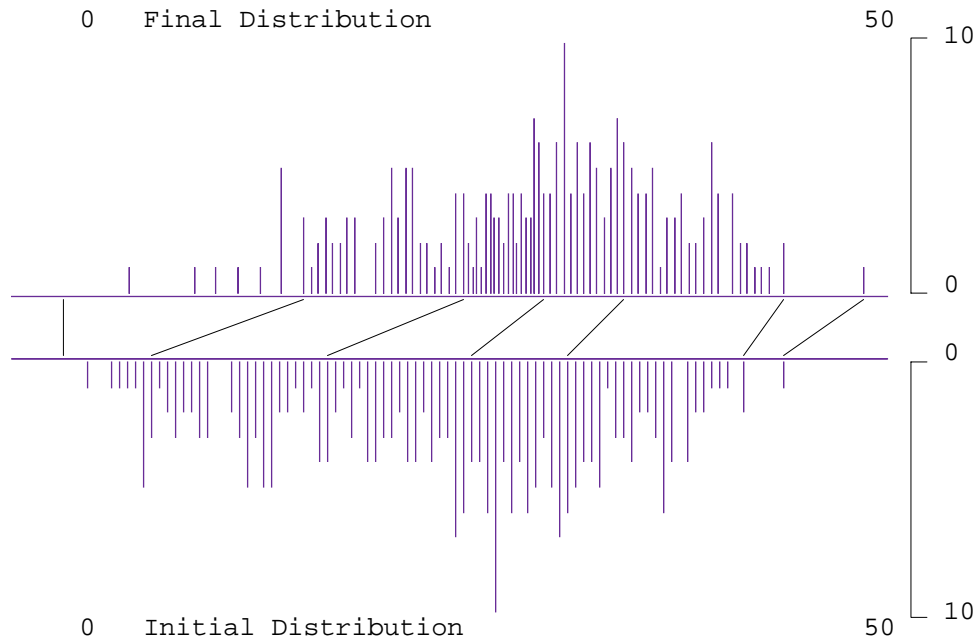


Higher School Certificate Examination 1999

Arabic (General) - 2 unit - 21201

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	47.95	23.98	29.51	Candidature: 254	
Std.Devn	20.11	10.06	7.99		
Minimum	3.00	1.50	4.10		
Median	51.00	25.50	30.00		
Maximum	90.00	45.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	45.0 - 50.0
					42.5 - 45.0
					31.5 - 35.0
					25.5 - 30.0
					16.5 - 25.0
					5.5 - 15.0
					0.0 - 0.0
45 - 50.0	3	1.18	3	1.18	
35 - 44.9	63	24.80	66	25.98	
25 - 34.9	124	48.82	190	74.80	
15 - 24.9	54	21.26	244	96.06	
0 - 14.9	10	3.94	254	100.00	

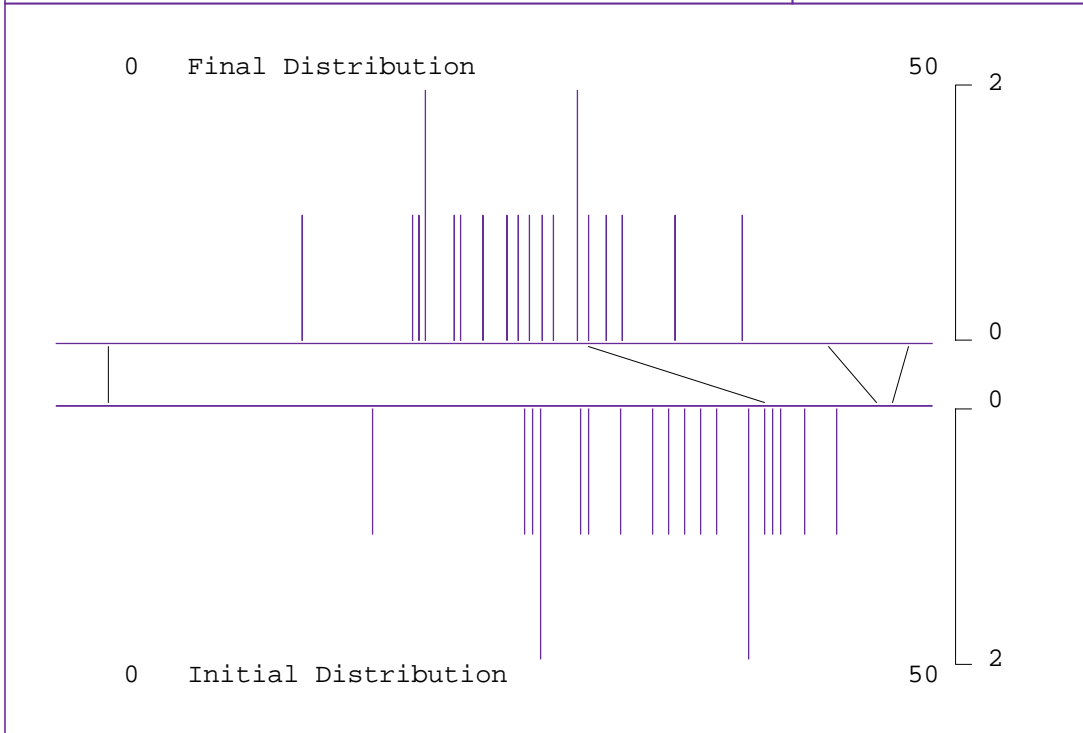


Higher School Certificate Examination 1999

Arabic - 2/3 unit - 21202

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	68.80	34.40	25.78	Candidature: 20
Std.Devn	14.53	7.26	6.26	
Minimum	33.00	16.50	12.10	Mapping Points Initial - Final
Median	72.00	36.00	26.30	
Maximum	91.00	45.50	39.60	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				48.0 - 45.0
				41.0 - 30.0
				0.0 - 0.0

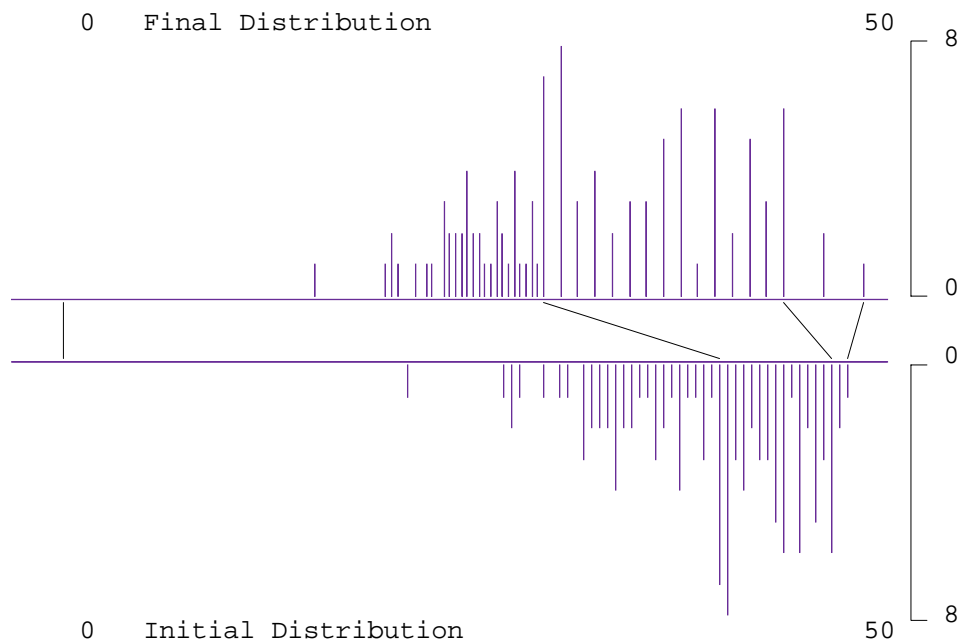


Higher School Certificate Examination 1999

Arabic - 2/3 unit - 21202

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	81.36	40.68	32.84	Candidature: 110
Std.Devn	11.45	5.73	7.54	
Minimum	43.00	21.50	15.70	Mapping Points Initial - Final
Median	83.00	41.50	31.10	
Maximum	98.00	49.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				48.0 - 45.0
				41.0 - 30.0
				0.0 - 0.0

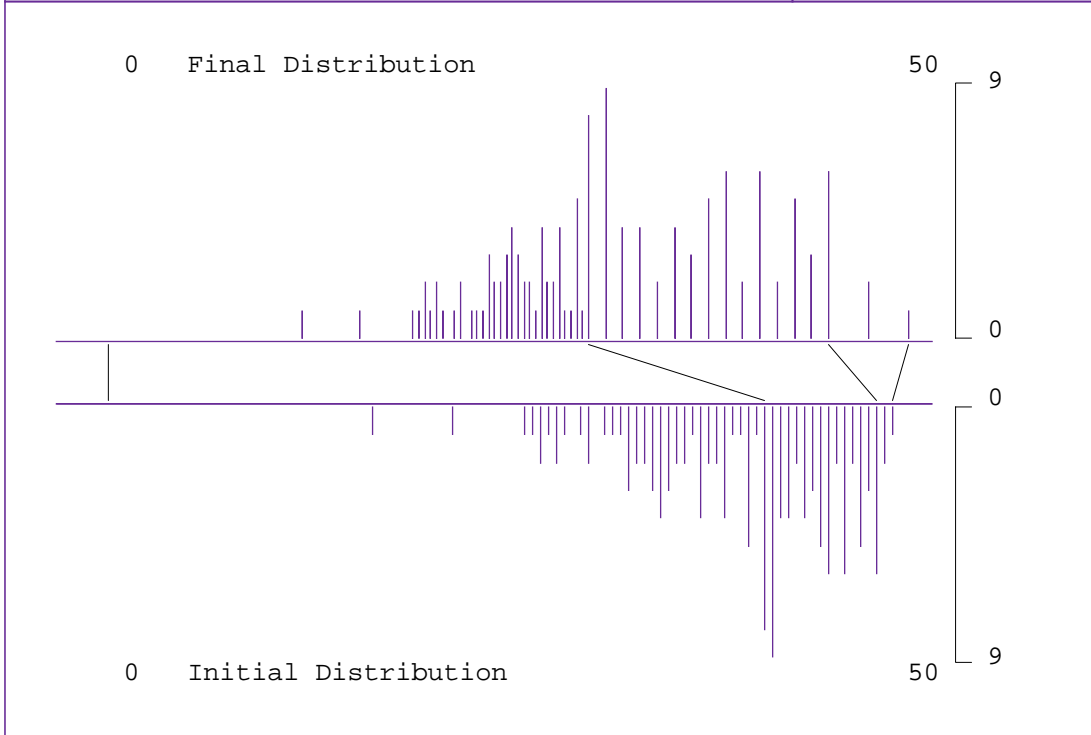


Higher School Certificate Examination 1999

Arabic - 2/3 unit - 21202

Performance of **2 unit and 3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	79.43	39.72	31.75	Candidature: 130
Std.Devn	12.81	6.40	7.79	
Minimum	33.00	16.50	12.10	Mapping Points Initial - Final
Median	82.00	41.00	30.00	
Maximum	98.00	49.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				48.0 - 45.0
				41.0 - 30.0
				0.0 - 0.0

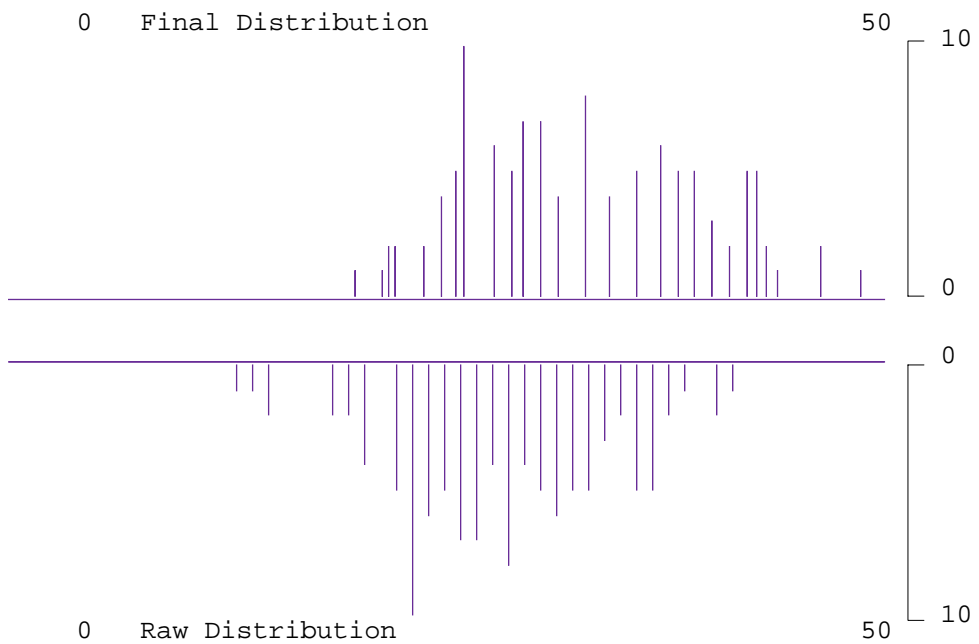


Higher School Certificate Examination 1999

Arabic - 3 unit - 21203

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	27.45	40.51	32.63	Candidature: 110
Std.Devn	6.56	5.66	7.39	
Minimum	11.00	25.20	18.40	Mapping Points Initial - Final
Median	27.00	41.50	31.10	
Maximum	42.00	49.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				48.0 - 45.0
				41.0 - 30.0
				0.0 - 0.0



Higher School Certificate Examination 1999

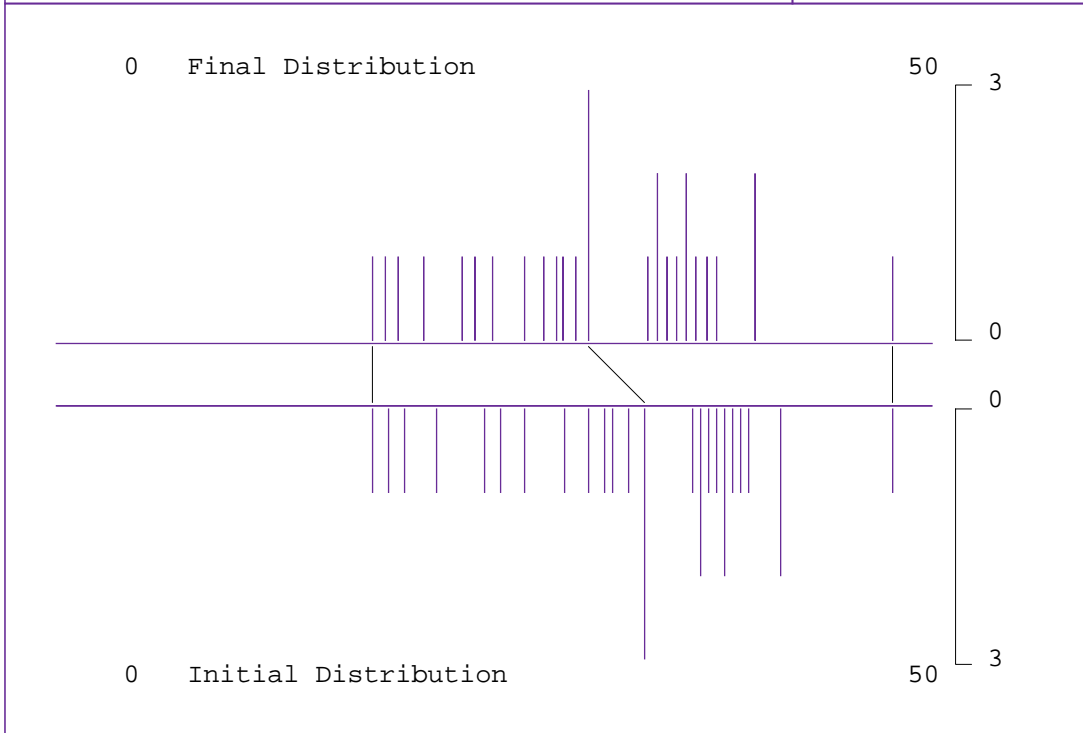
Armenian - 2 unit - 21208

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	65.39	32.70	30.58	Candidature: 28
Std.Devn	16.12	8.06	7.75	
Minimum	33.00	16.50	16.50	Mapping Points Initial - Final
Median	67.00	33.50	30.00	
Maximum	98.00	49.00	49.00	

Cumulative frequency proportions are not reported for this scaling model.

49.0	-	49.0
33.5	-	30.0
16.5	-	16.5

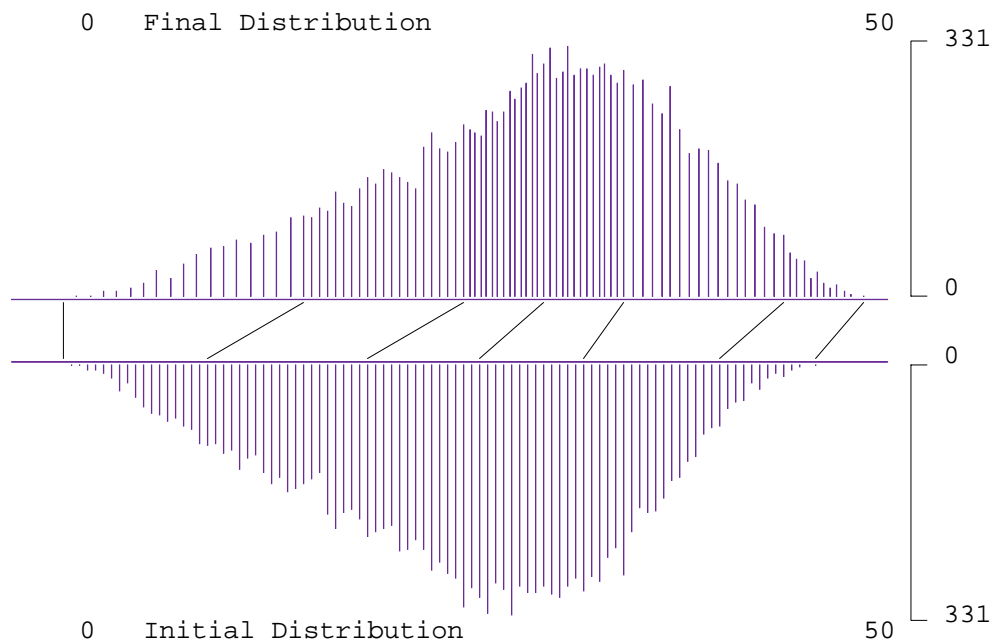


Higher School Certificate Examination 1999

Biology - 2 unit - 20260

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	50.22	25.11	29.37	Candidature: 14951	
Std.Devn	18.27	9.14	8.26		
Minimum	1.00	0.50	0.80		
Median	52.00	26.00	30.00		
Maximum	94.00	47.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	340	2.27	340	2.27	47.0 - 50.0
35 - 44.9	3337	22.32	3677	24.59	41.0 - 45.0
25 - 34.9	7477	50.01	11154	74.60	32.5 - 35.0
15 - 24.9	3054	20.43	14208	95.03	26.0 - 30.0
0 - 14.9	743	4.97	14951	100.00	19.0 - 25.0
					9.0 - 15.0
					0.0 - 0.0

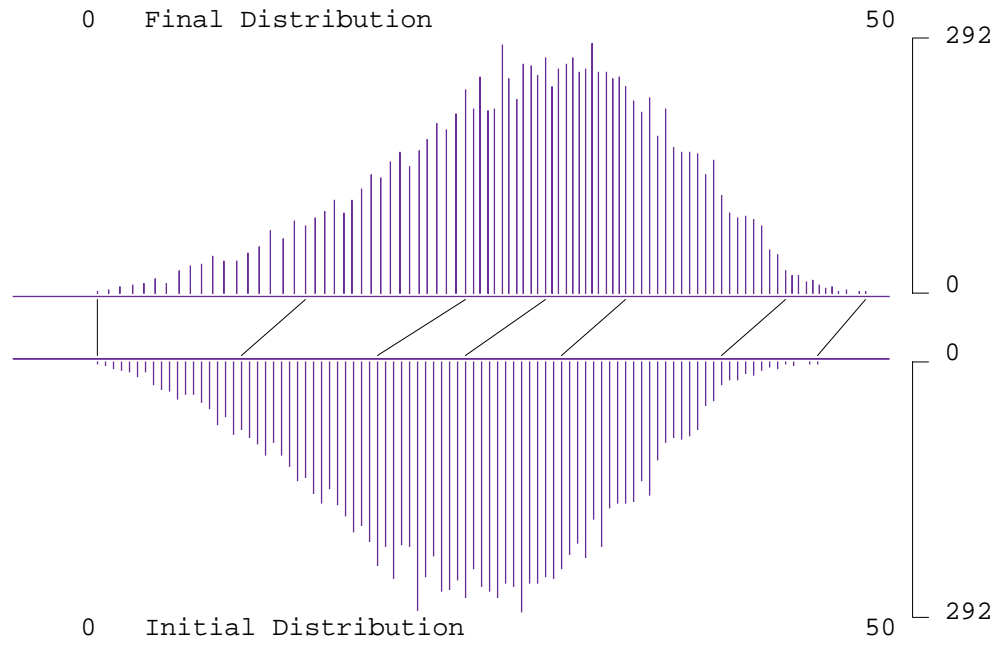


Higher School Certificate Examination 1999

Business Studies - 2/3 unit - 20640

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	49.78	24.89	29.42	Candidature: 11837	
Std.Devn	16.22	8.11	8.04		
Minimum	4.00	2.00	2.00		
Median	50.00	25.00	30.00		
Maximum	94.00	47.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	125	1.06	125	1.06	47.0 - 50.0
35 - 44.9	2908	24.57	3033	25.62	41.0 - 45.0
25 - 34.9	5841	49.35	8874	74.97	31.0 - 35.0
15 - 24.9	2373	20.05	11247	95.02	25.0 - 30.0
0 - 14.9	590	4.98	11837	100.00	19.5 - 25.0
					11.0 - 15.0
					2.0 - 2.0

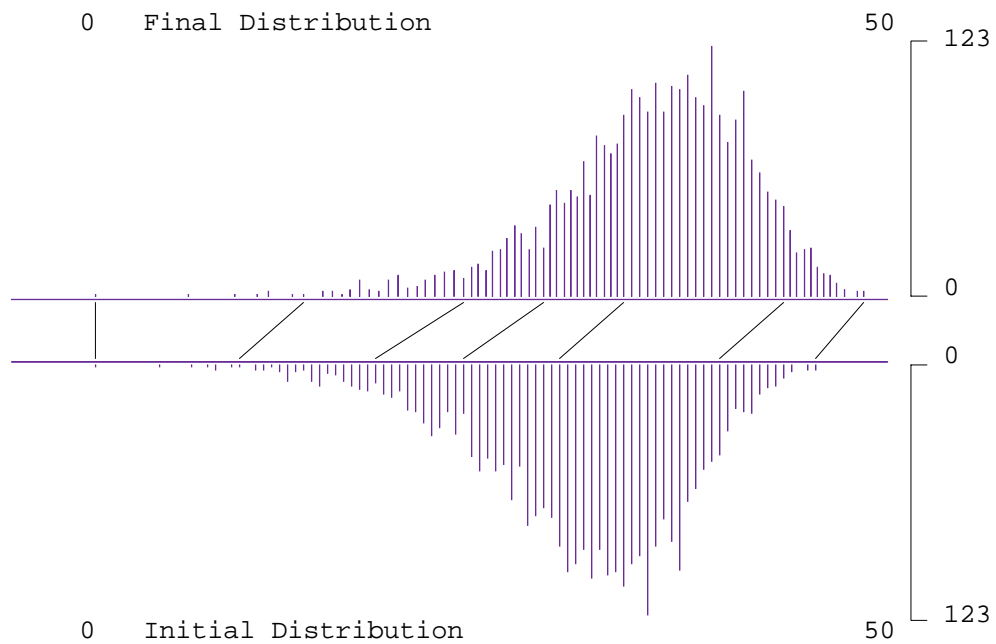


Higher School Certificate Examination 1999

Business Studies - 2/3 unit - 20640

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	64.95	32.48	36.70	Candidature: 3005	
Std.Devn	12.37	6.18	5.85		
Minimum	4.00	2.00	2.00		
Median	66.00	33.00	37.00		
Maximum	94.00	47.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	192	6.39	192	6.39	47.0 - 50.0
35 - 44.9	1784	59.37	1976	65.76	41.0 - 45.0
25 - 34.9	930	30.95	2906	96.71	31.0 - 35.0
15 - 24.9	92	3.06	2998	99.77	25.0 - 30.0
0 - 14.9	7	0.23	3005	100.00	19.5 - 25.0
					11.0 - 15.0
					2.0 - 2.0

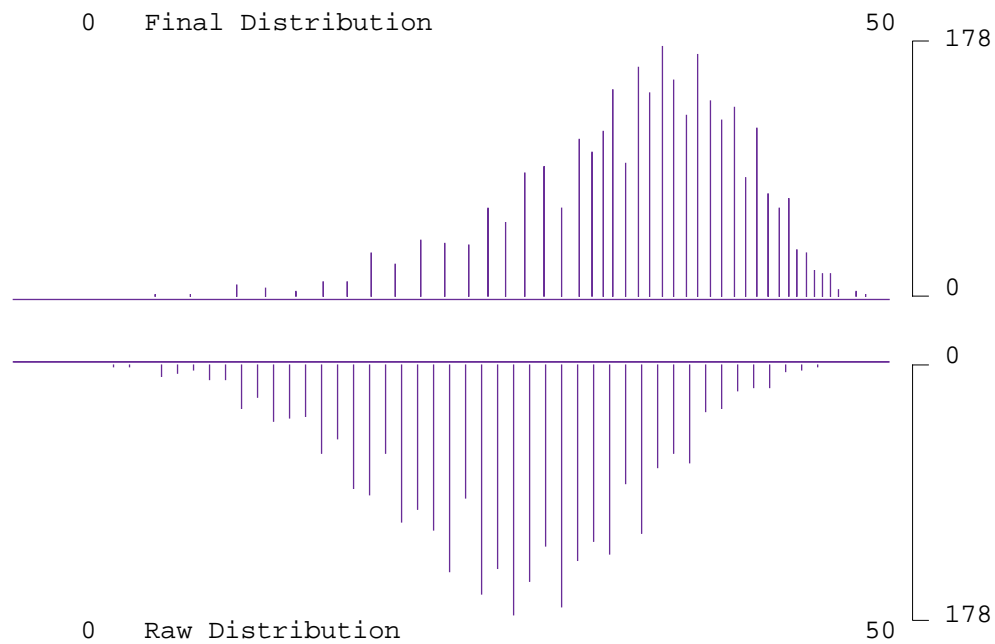


Higher School Certificate Examination 1999

Business Studies - 3 unit - 20641

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50			
Mean	27.36	32.09	36.31	Candidature: 3015		
Std.Devn	7.56	6.83	6.49			
Minimum	3.00	4.50	5.60			
Median	28.00	33.30	37.30			
Maximum	47.00	47.80	50.00			
				Mapping Points Initial - Final		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq		
45 - 50.0	192	6.37	192	6.37	47.8 - 50.0	
35 - 44.9	1777	58.94	1969	65.31	41.0 - 45.0	
25 - 34.9	875	29.02	2844	94.33	31.0 - 35.0	
15 - 24.9	152	5.04	2996	99.37	25.0 - 30.0	
0 - 14.9	19	0.63	3015	100.00	19.5 - 25.0	
					11.0 - 15.0	
					2.0 - 2.0	

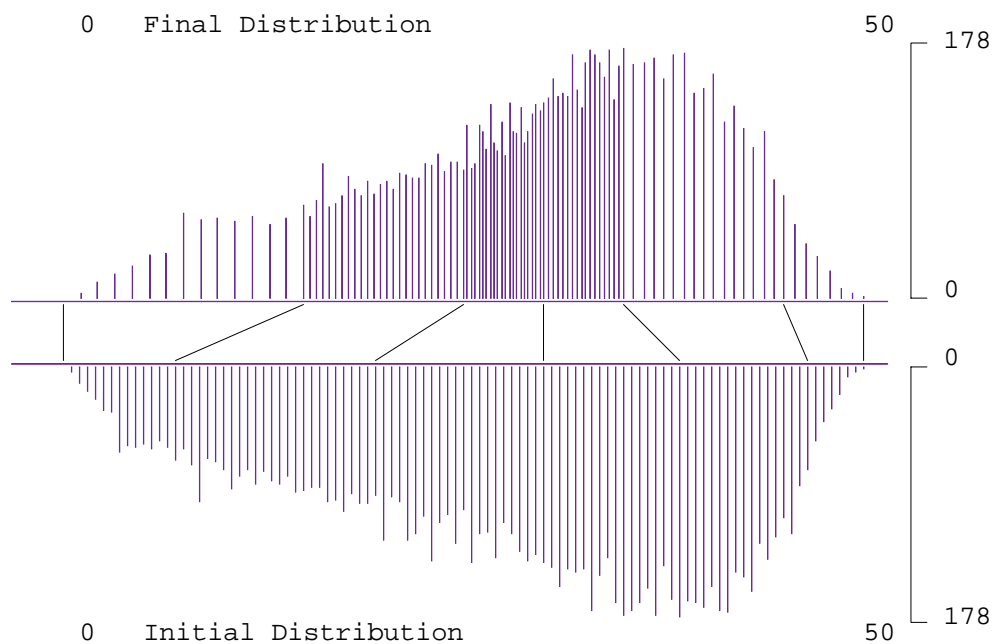


Higher School Certificate Examination 1999

Chemistry - 2 unit - 20270

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	56.52	28.26	29.46	Candidature: 10263	
Std.Devn	23.86	11.93	8.58		
Minimum	1.00	0.50	1.10		
Median	60.00	30.00	30.00		
Maximum	100.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	224	2.18	224	2.18	50.0 - 50.0
35 - 44.9	2337	22.77	2561	24.95	46.5 - 45.0
25 - 34.9	5131	50.00	7692	74.95	38.5 - 35.0
15 - 24.9	2059	20.06	9751	95.01	30.0 - 30.0
0 - 14.9	512	4.99	10263	100.00	19.5 - 25.0
					7.0 - 15.0
					0.0 - 0.0

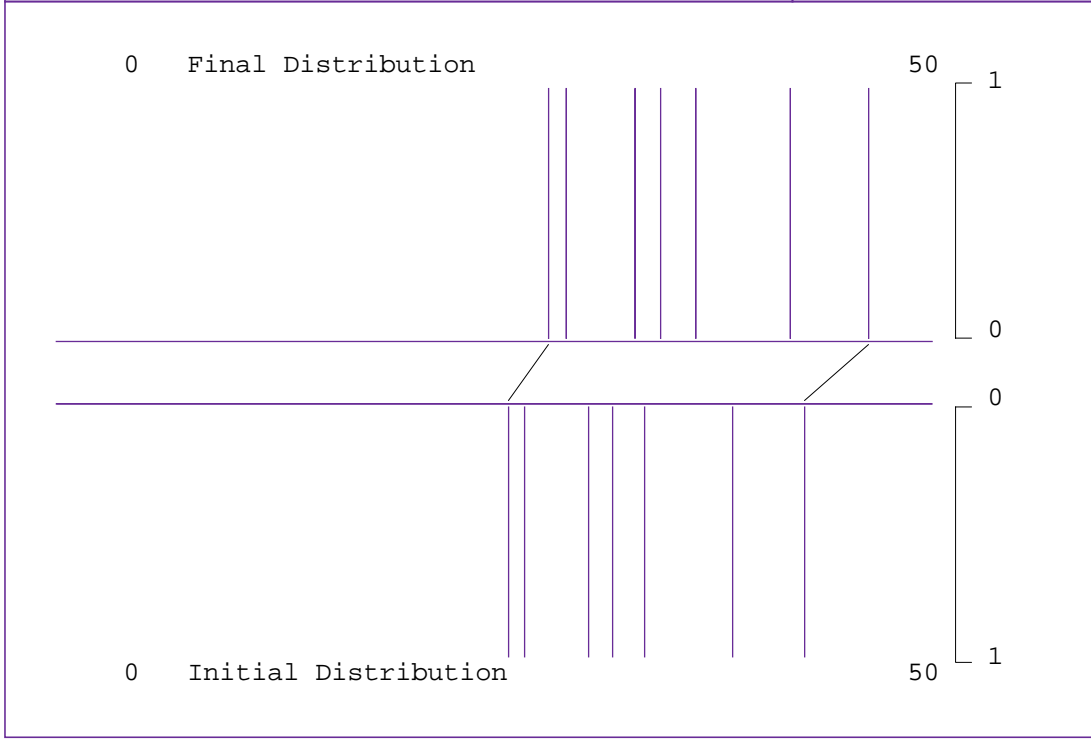


Higher School Certificate Examination 1999

Chinese Z - 2 unit - 21220

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	65.29	32.64	35.76	Candidature: 7
Std.Devn	12.42	6.21	6.71	
Minimum	50.00	25.00	27.50	Mapping Points Initial - Final 43.5 - 47.5 25.0 - 27.5
Median	63.00	31.50	34.50	
Maximum	87.00	43.50	47.50	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

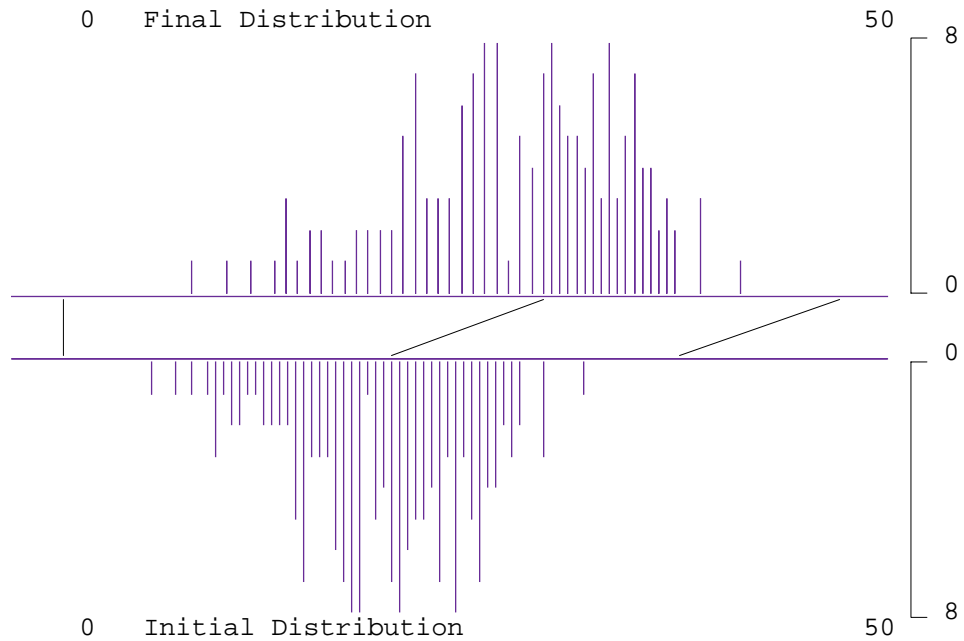


Higher School Certificate Examination 1999

Chinese (BS) - 2/3 unit - 21222

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	39.99	20.00	28.44	Candidature: 169
Std.Devn	10.54	5.27	6.78	
Minimum	11.00	5.50	8.00	Mapping Points Initial - Final
Median	41.00	20.50	30.00	
Maximum	65.00	32.50	42.30	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				38.5 - 48.5
				20.5 - 30.0
				0.0 - 0.0

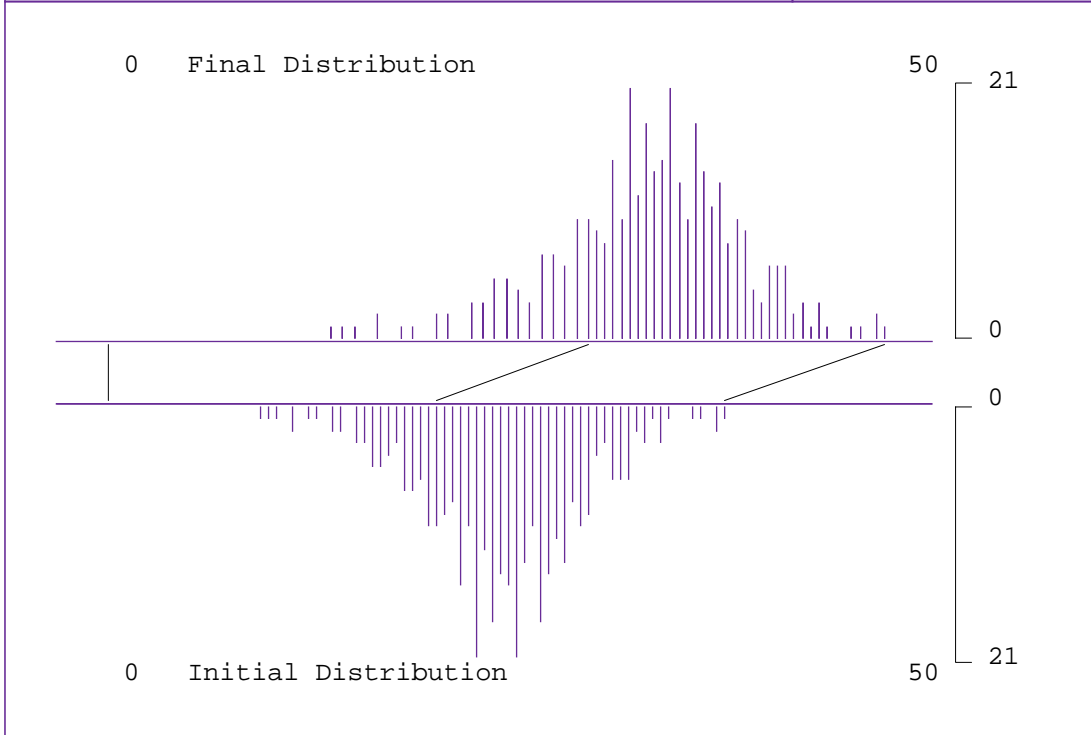


Higher School Certificate Examination 1999

Chinese (BS) - 2/3 unit - 21222

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	49.26	24.63	33.99	Candidature: 363
Std.Devn	9.84	4.92	5.58	
Minimum	19.00	9.50	13.90	Mapping Points Initial - Final
Median	50.00	25.00	34.60	
Maximum	77.00	38.50	48.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				38.5 - 48.5
				20.5 - 30.0
				0.0 - 0.0

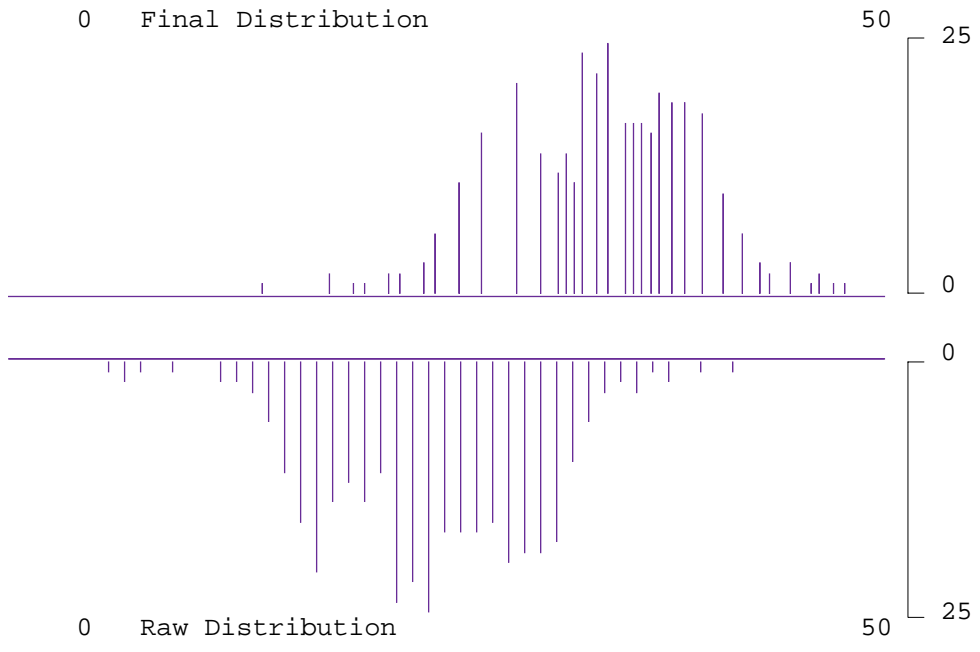


Higher School Certificate Examination 1999

Chinese (BS) - 3 unit - 21223

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	23.20	24.55	34.03	Candidature: 360
Std.Devn	6.47	4.82	5.56	
Minimum	3.00	8.60	12.60	Mapping Points Initial - Final
Median	23.00	24.50	34.20	
Maximum	42.00	38.50	49.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				38.5 - 49.0
				20.5 - 30.0
				0.0 - 0.0

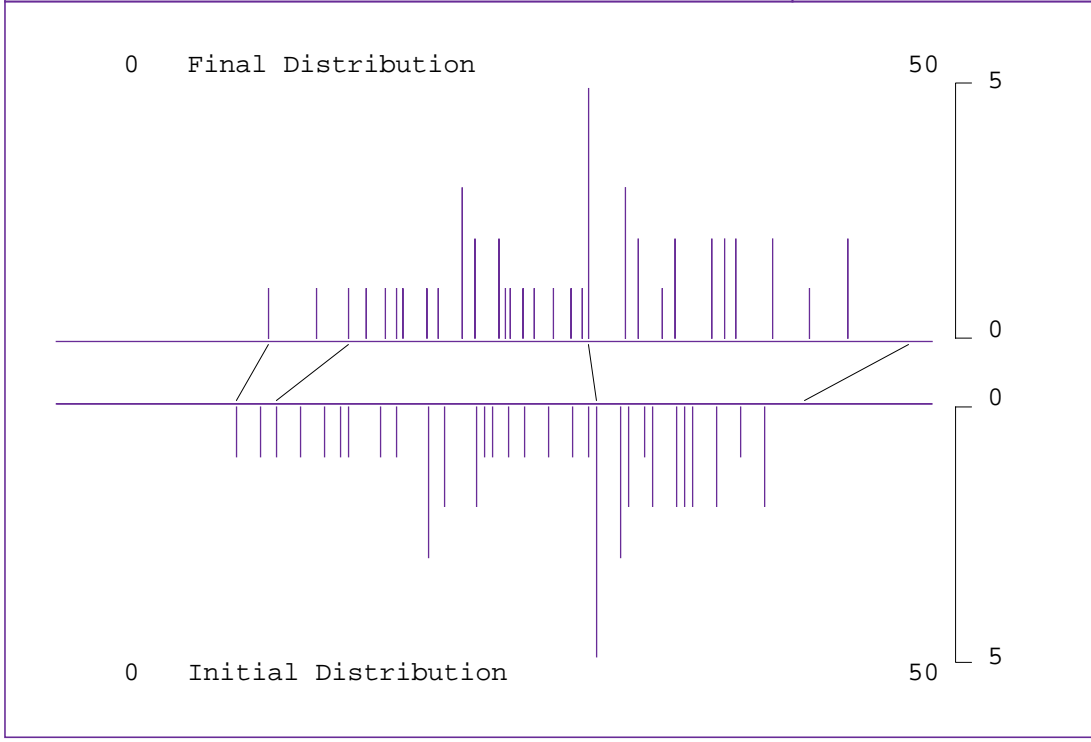


Higher School Certificate Examination 1999

Chinese - 2/3 unit - 21224

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	54.45	27.22	29.07	Candidature: 47
Std.Devn	17.82	8.91	8.82	
Minimum	16.00	8.00	10.00	Mapping Points Initial - Final
Median	61.00	30.50	30.00	
Maximum	82.00	41.00	46.20	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.5 - 50.0
				30.5 - 30.0
				10.5 - 15.0
				8.0 - 10.0

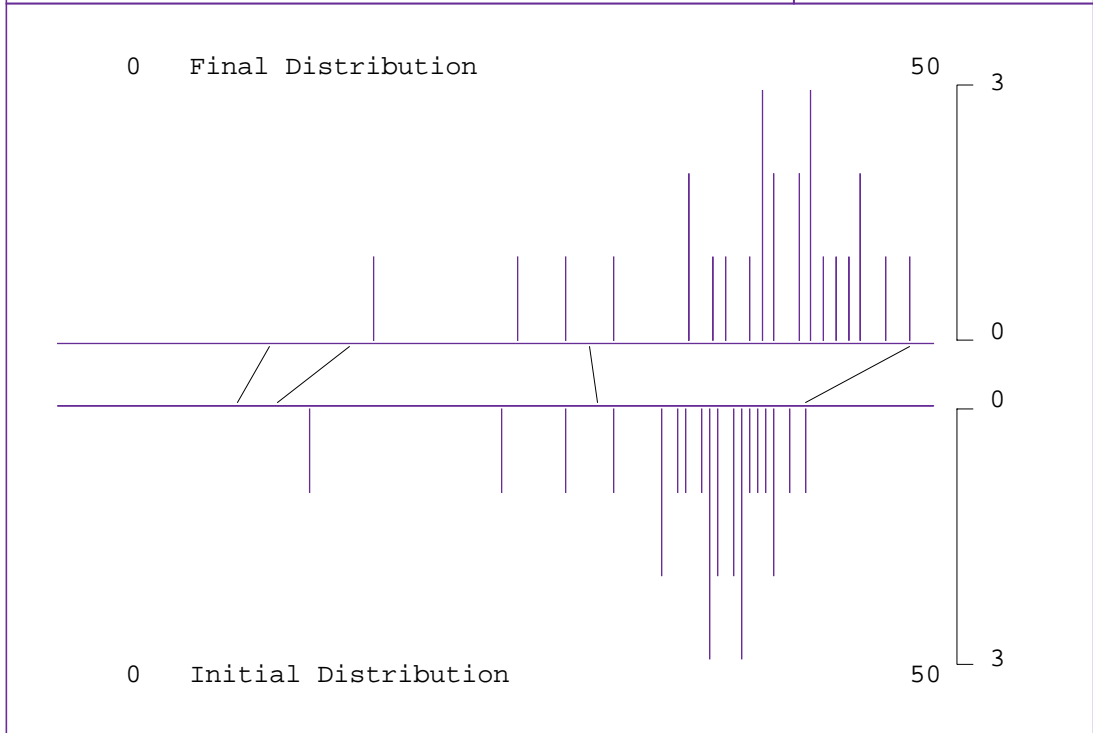


Higher School Certificate Examination 1999

Chinese - 2/3 unit - 21224

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	73.08	36.54	40.08	Candidature: 26
Std.Devn	12.70	6.35	7.41	
Minimum	25.00	12.50	16.50	Mapping Points Initial - Final
Median	76.00	38.00	41.50	
Maximum	87.00	43.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.5 - 50.0
				30.5 - 30.0
				10.5 - 15.0
				8.0 - 10.0

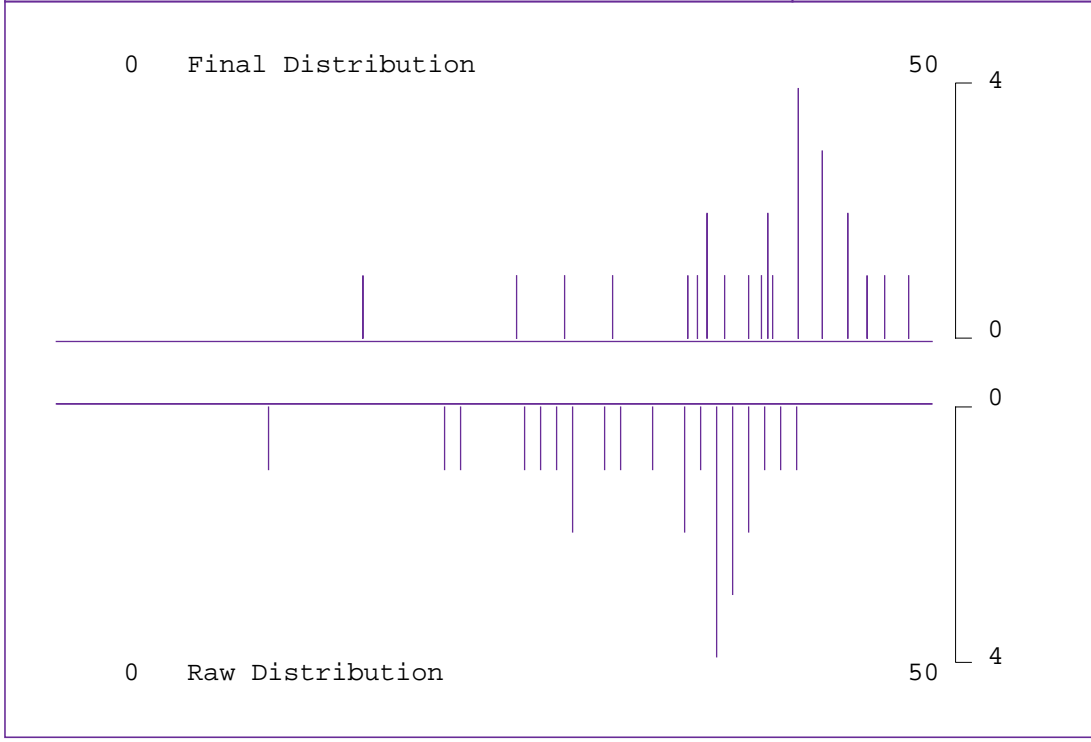


Higher School Certificate Examination 1999

Chinese - 3 unit - 21225

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	33.58	36.39	39.88	Candidature: 26
Std.Devn	7.64	6.44	7.46	
Minimum	10.00	11.70	15.90	Mapping Points Initial - Final
Median	37.00	38.00	41.50	
Maximum	43.00	43.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.5 - 50.0
				30.5 - 30.0
				10.5 - 15.0
				8.0 - 10.0

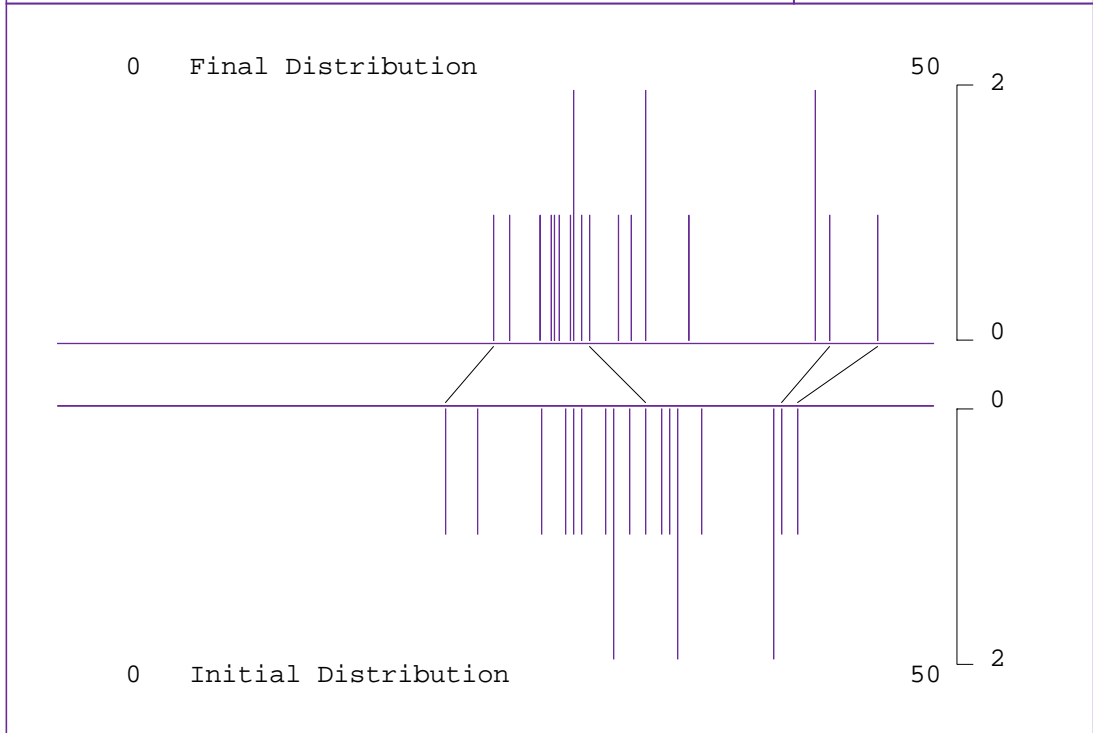


Higher School Certificate Examination 1999

Classical Ballet - 2/3 unit - 22200

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	66.35	33.18	32.73	Candidature: 20
Std.Devn	11.81	5.90	6.93	
Minimum	42.00	21.00	24.00	Mapping Points Initial - Final
Median	67.00	33.50	30.00	
Maximum	86.00	43.00	48.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.0 - 48.0
				42.0 - 45.0
				33.5 - 30.0
				21.0 - 24.0

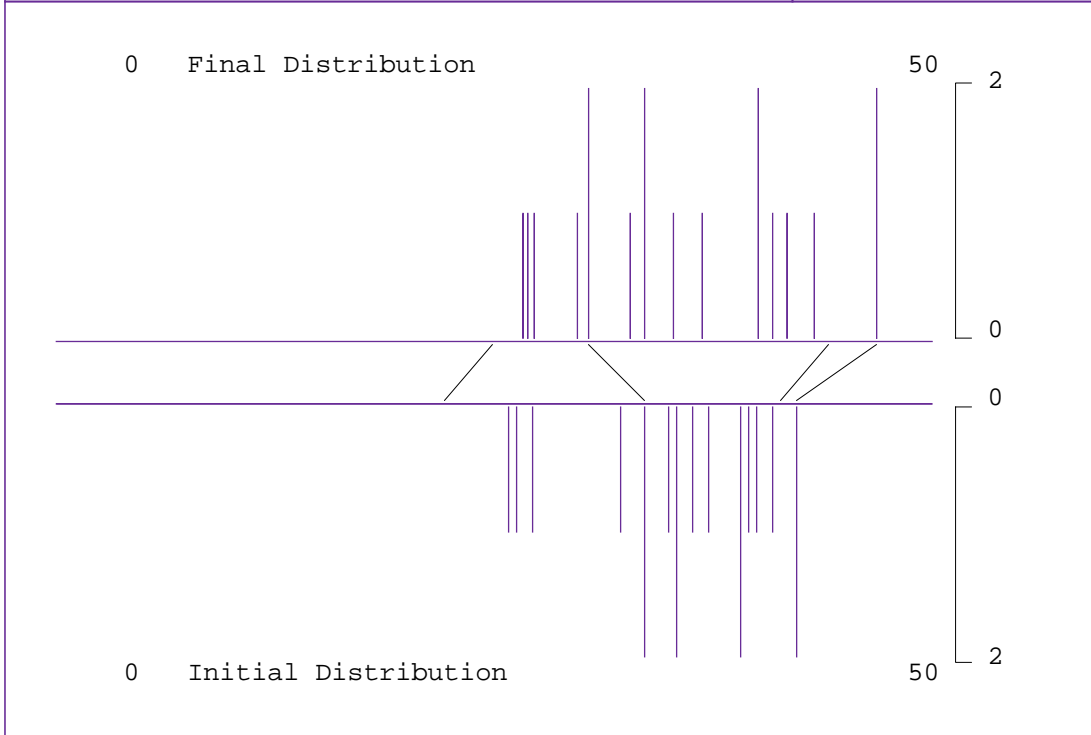


Higher School Certificate Examination 1999

Classical Ballet - 2/3 unit - 22200

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	71.44	35.72	35.84	Candidature: 18
Std.Devn	10.97	5.49	7.05	
Minimum	50.00	25.00	25.90	Mapping Points Initial - Final
Median	73.00	36.50	35.30	
Maximum	86.00	43.00	48.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.0 - 48.0
				42.0 - 45.0
				33.5 - 30.0
				21.0 - 24.0

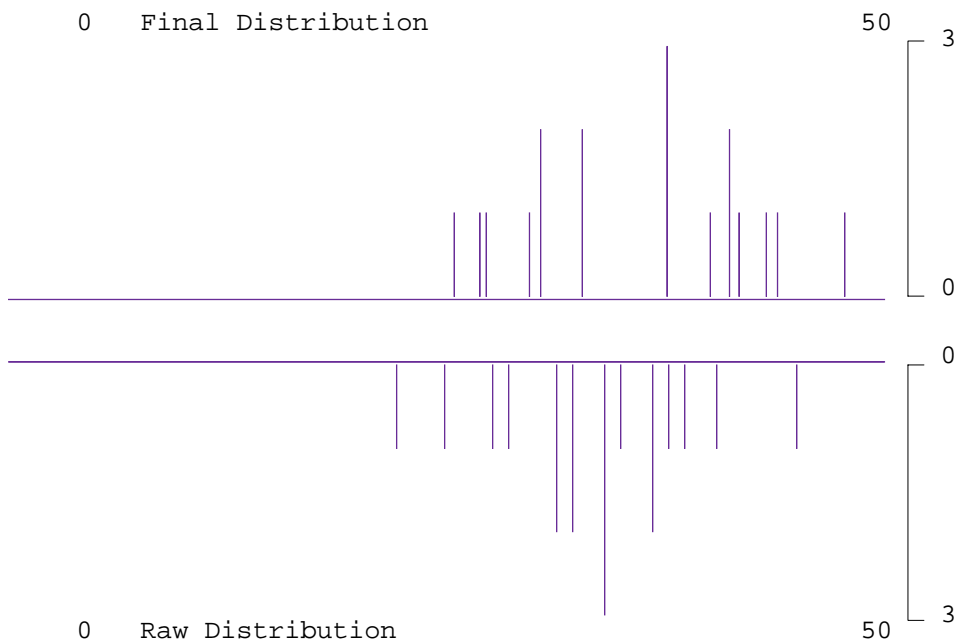


Higher School Certificate Examination 1999

Classical Ballet - 3 unit - 22201

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	33.39	35.78	36.12	Candidature: 18
Std.Devn	5.90	5.83	7.10	
Minimum	21.00	22.30	24.60	Mapping Points Initial - Final
Median	34.00	38.00	37.90	
Maximum	46.00	43.00	49.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				Initial - Final
				43.0 - 49.0
				42.0 - 45.0
				33.5 - 30.0
				21.0 - 24.0

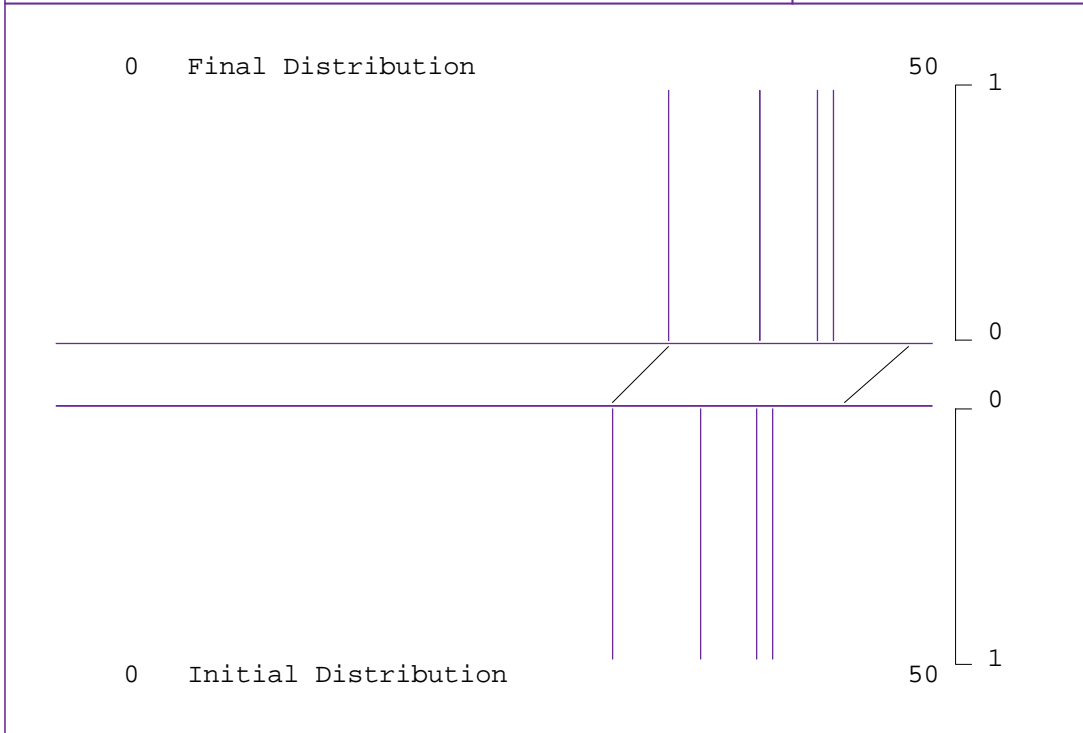


Higher School Certificate Examination 1999

Classical Greek - 2/3 unit - 21232

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	75.25	37.63	41.33	Candidature: 4
Std.Devn	7.82	3.91	4.03	
Minimum	63.00	31.50	35.00	Mapping Points Initial - Final 46.0 - 50.0 31.5 - 35.0
Median	81.00	40.50	44.30	
Maximum	83.00	41.50	45.30	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

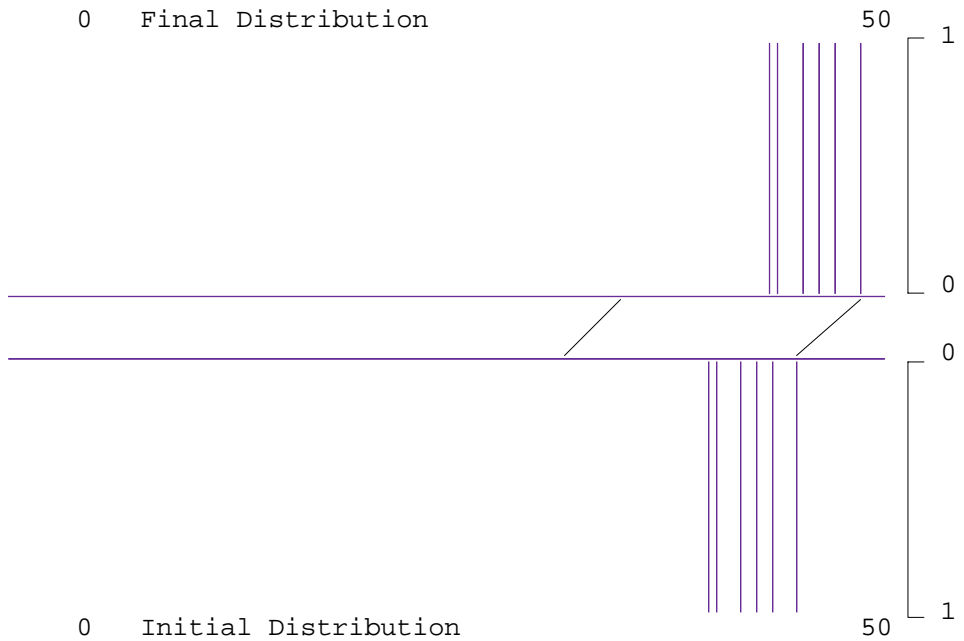


Higher School Certificate Examination 1999

Classical Greek - 2/3 unit - 21232

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	86.00	43.00	46.88	Candidature: 6
Std.Devn	3.83	1.91	1.98	
Minimum	81.00	40.50	44.30	Mapping Points Initial - Final
Median	87.00	43.50	47.40	
Maximum	92.00	46.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				46.0 - 50.0
				31.5 - 35.0

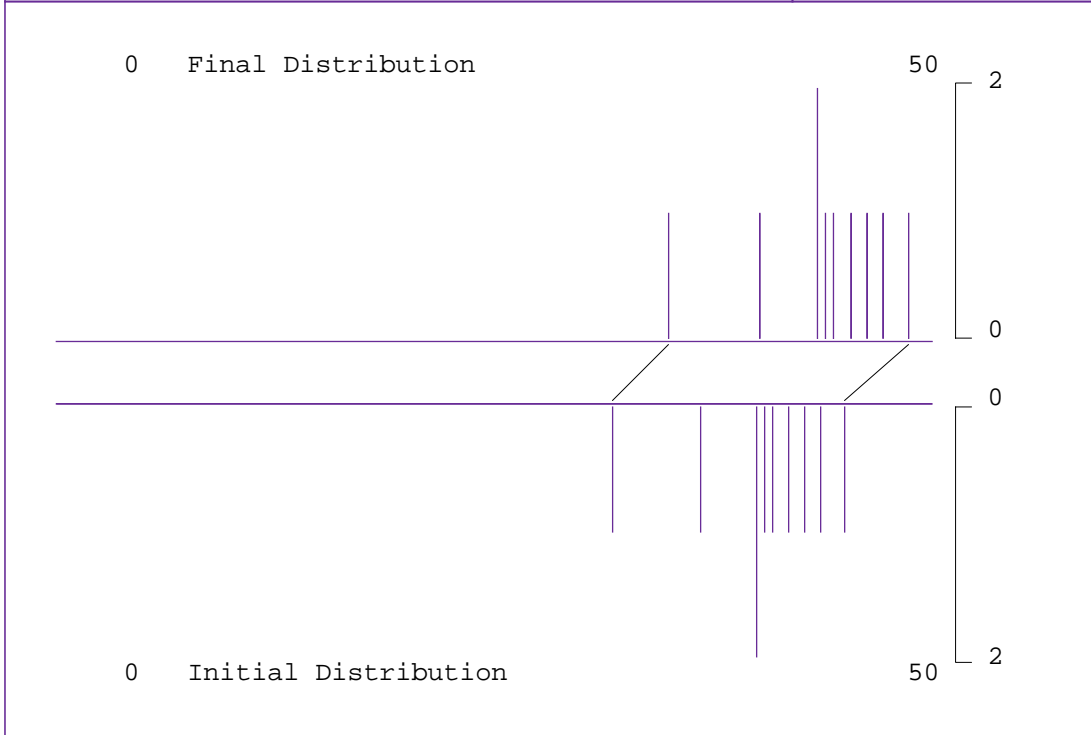


Higher School Certificate Examination 1999

Classical Greek - 2/3 unit - 21232

Performance of **2 unit and 3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	81.70	40.85	44.66	Candidature: 10
Std.Devn	7.81	3.91	4.03	
Minimum	63.00	31.50	35.00	Mapping Points Initial - Final 46.0 - 50.0 31.5 - 35.0
Median	83.00	41.50	45.30	
Maximum	92.00	46.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				

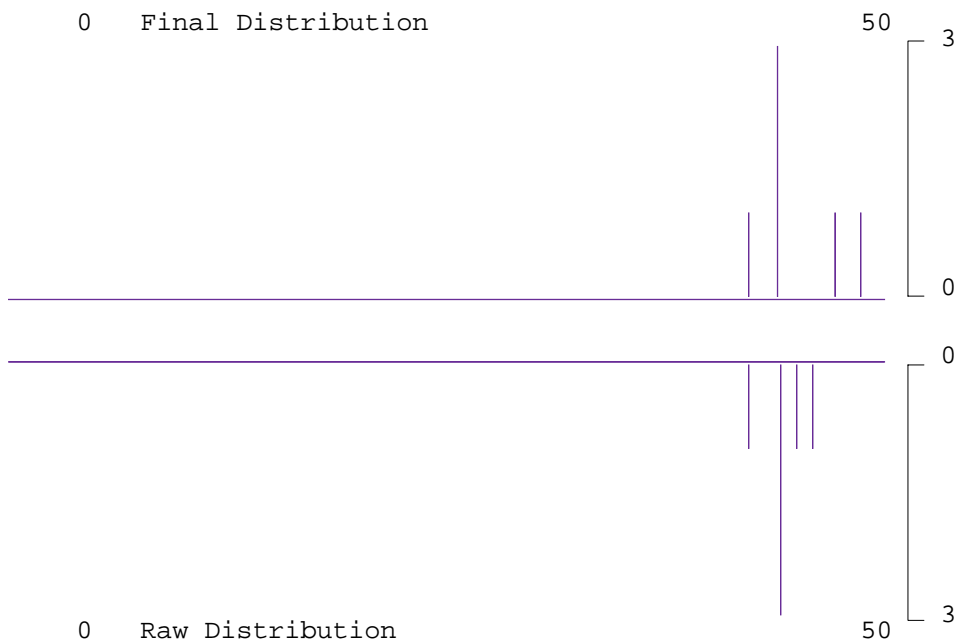


Higher School Certificate Examination 1999

Classical Greek - 3 unit - 21233

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	45.17	42.12	45.97	Candidature: 6
Std.Devn	1.21	2.35	2.42	
Minimum	43.00	39.20	43.00	Mapping Points Initial - Final 46.0 - 50.0 31.5 - 35.0
Median	45.00	41.00	44.80	
Maximum	47.00	46.00	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

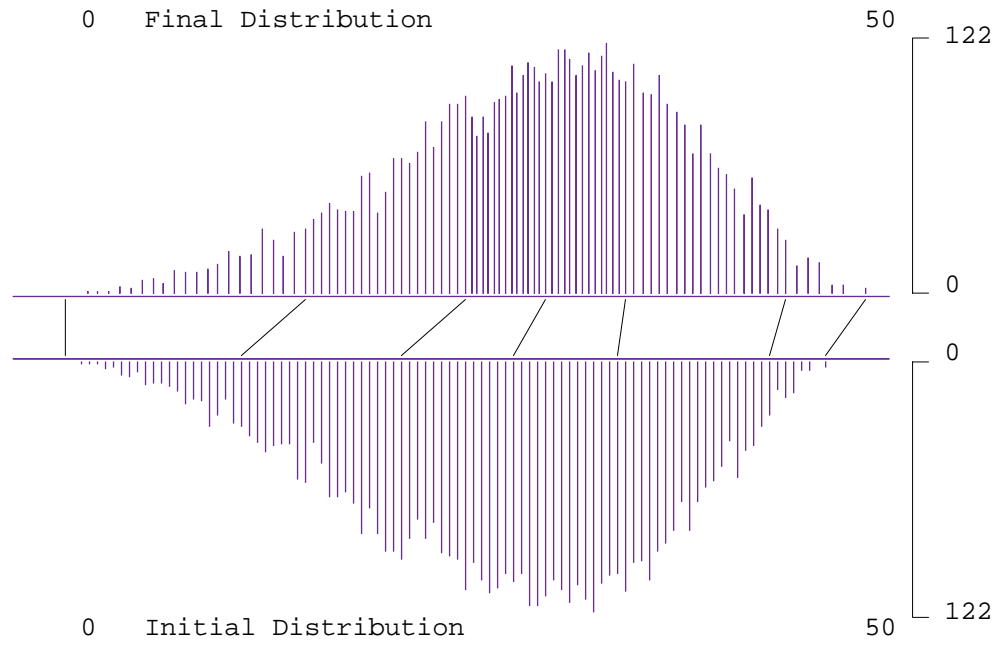


Higher School Certificate Examination 1999

Computing Studies (General) - 2 unit - 21819

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	54.82	27.41	29.59	Candidature: 5666	
Std.Devn	18.25	9.12	8.02		
Minimum	2.00	1.00	1.40		
Median	56.00	28.00	30.00		
Maximum	95.00	47.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	47.5 - 50.0
45 - 50.0	81	1.43	81	1.43	44.0 - 45.0
35 - 44.9	1375	24.27	1456	25.70	34.5 - 35.0
25 - 34.9	2803	49.47	4259	75.17	28.0 - 30.0
15 - 24.9	1162	20.51	5421	95.68	21.0 - 25.0
0 - 14.9	245	4.32	5666	100.00	11.0 - 15.0
					0.0 - 0.0

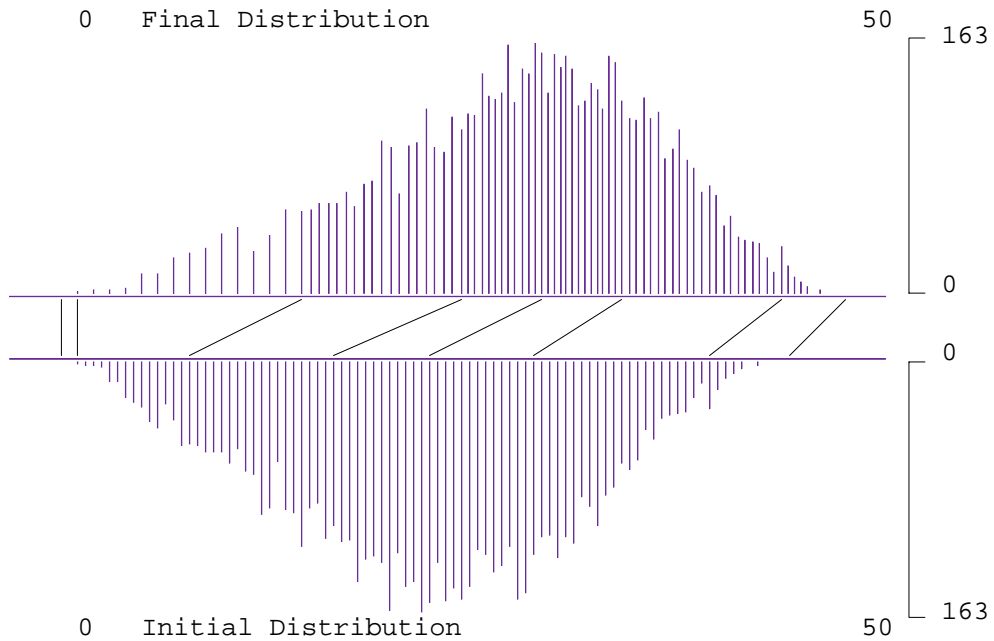


Higher School Certificate Examination 1999

Computing Studies - 2/3 unit - 21820

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	45.61	22.81	29.29	Candidature: 6884	
Std.Devn	17.05	8.53	7.93		
Minimum	2.00	1.00	1.00		
Median	46.00	23.00	30.00		
Maximum	87.00	43.50	47.40		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	71	1.03	71	1.03	45.5 - 49.0
35 - 44.9	1636	23.77	1707	24.80	40.5 - 45.0
25 - 34.9	3440	49.97	5147	74.77	29.5 - 35.0
15 - 24.9	1424	20.69	6571	95.45	23.0 - 30.0
0 - 14.9	313	4.55	6884	100.00	17.0 - 25.0
					8.0 - 15.0
					1.0 - 1.0
					0.0 - 0.0

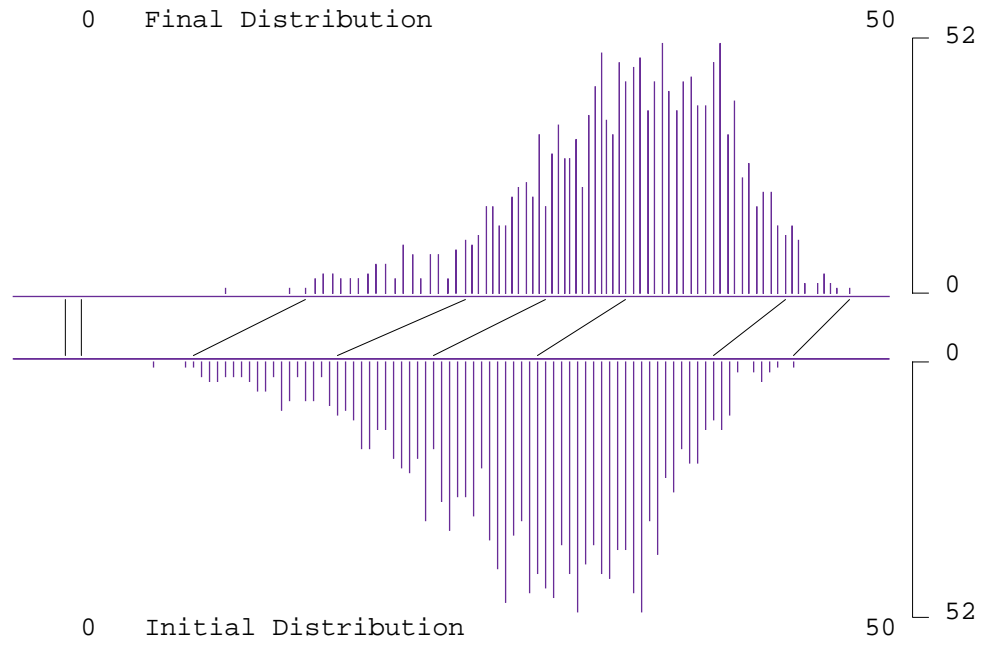


Higher School Certificate Examination 1999

Computing Studies - 2/3 unit - 21820

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	58.26	29.13	34.96	Candidature: 1613	
Std.Devn	14.17	7.08	6.13		
Minimum	11.00	5.50	10.00		
Median	60.00	30.00	35.50		
Maximum	91.00	45.50	49.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	49	3.04	49	3.04	45.5 - 49.0
35 - 44.9	819	50.77	868	53.81	40.5 - 45.0
25 - 34.9	654	40.55	1522	94.36	29.5 - 35.0
15 - 24.9	89	5.52	1611	99.88	23.0 - 30.0
0 - 14.9	2	0.12	1613	100.00	17.0 - 25.0
					8.0 - 15.0
					1.0 - 1.0
					0.0 - 0.0

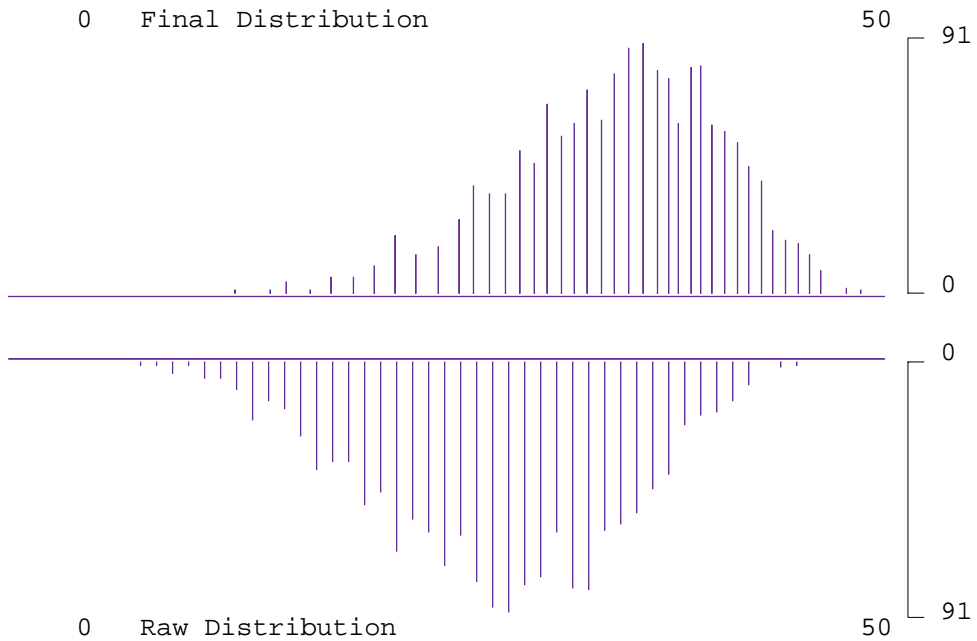


Higher School Certificate Examination 1999

Computing Studies - 3 unit - 21821

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	27.19	29.14	35.28	Candidature: 1636	
Std.Devn	7.43	7.04	6.26		
Minimum	5.00	6.30	10.90		
Median	28.00	30.50	36.40		
Maximum	46.00	45.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	45.5 - 50.0
45 - 50.0	62	3.79	62	3.79	40.0 - 45.0
35 - 44.9	851	52.02	913	55.81	29.0 - 35.0
25 - 34.9	615	37.59	1528	93.40	23.0 - 30.0
15 - 24.9	102	6.23	1630	99.63	17.0 - 25.0
0 - 14.9	6	0.37	1636	100.00	8.5 - 15.0
					1.0 - 1.0
					0.0 - 0.0

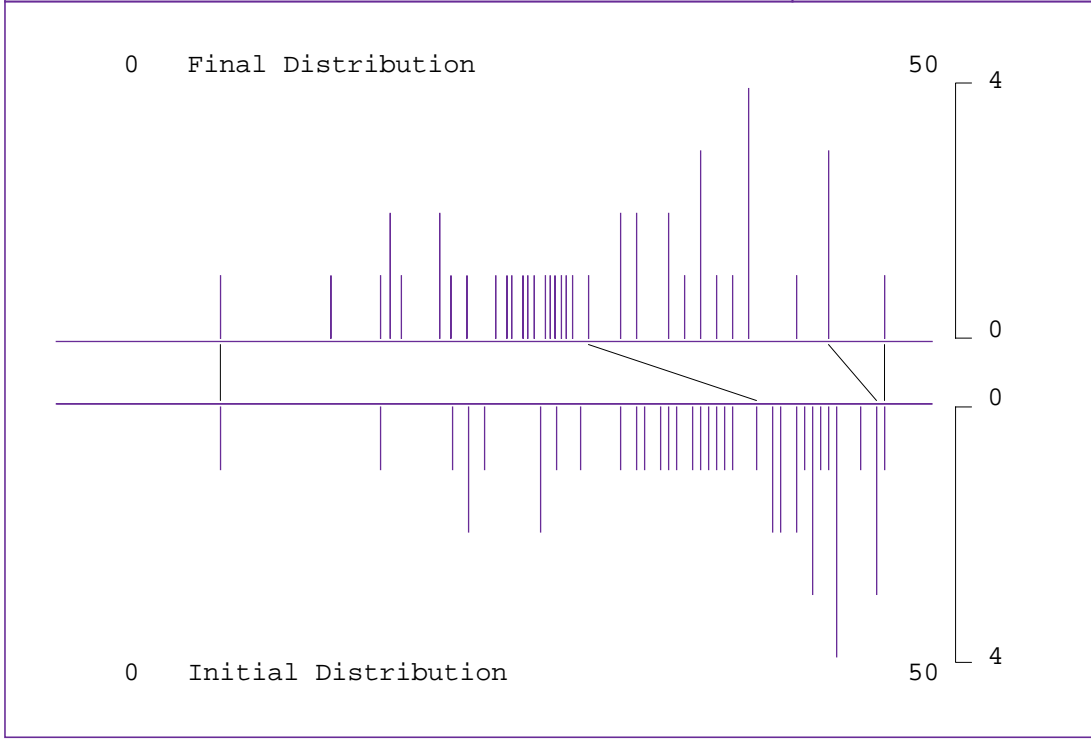


Higher School Certificate Examination 1999

Croatian - 2 unit - 21240

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	74.34	37.17	30.43	Candidature: 44
Std.Devn	18.88	9.44	9.34	
Minimum	14.00	7.00	7.00	Mapping Points Initial - Final
Median	81.00	40.50	30.00	
Maximum	97.00	48.50	48.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 48.5
				48.0 - 45.0
				40.5 - 30.0
				7.0 - 7.0

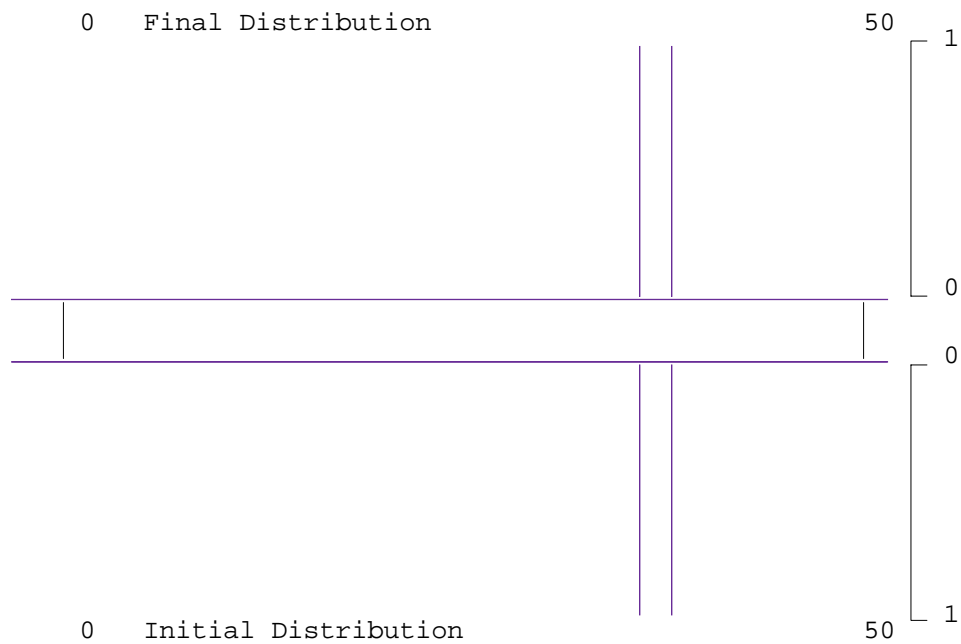


Higher School Certificate Examination 1999

Czech - 2 unit - 21250

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	74.00	37.00	37.00	Candidature: 2
Std.Devn	2.00	1.00	1.00	
Minimum	72.00	36.00	36.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	76.00	38.00	38.00	
Maximum	76.00	38.00	38.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

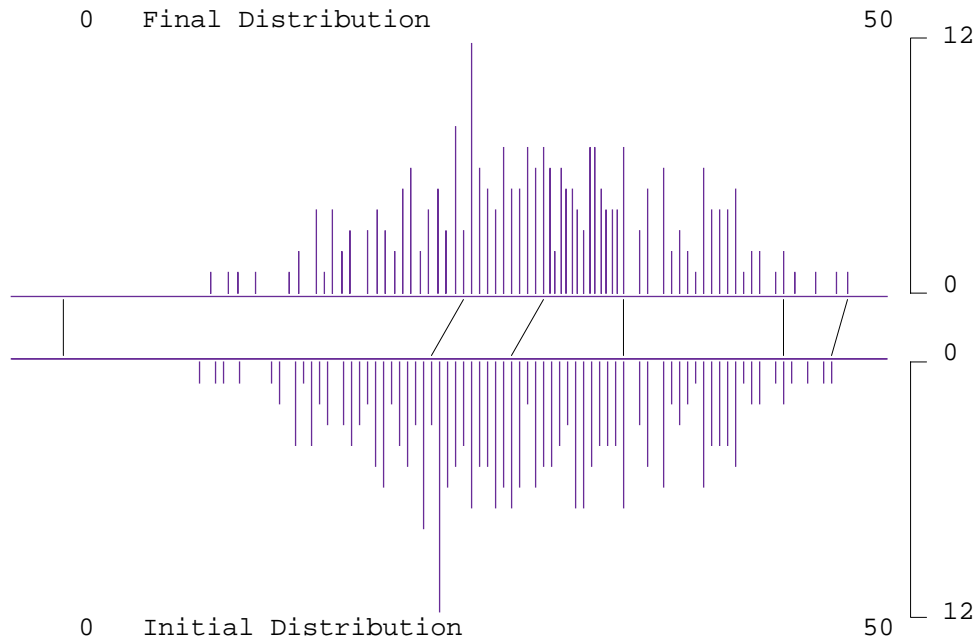


Higher School Certificate Examination 1999

Dance - 2 unit - 22210

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	57.29	28.64	29.82	Candidature: 259	
Std.Devn	16.69	8.35	7.78		
Minimum	17.00	8.50	9.20		
Median	56.00	28.00	30.00		
Maximum	96.00	48.00	49.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	6	2.32	6	2.32	48.0 - 49.0
35 - 44.9	58	22.39	64	24.71	45.0 - 45.0
25 - 34.9	129	49.81	193	74.52	35.0 - 35.0
15 - 24.9	59	22.78	252	97.30	28.0 - 30.0
0 - 14.9	7	2.70	259	100.00	23.0 - 25.0
					0.0 - 0.0

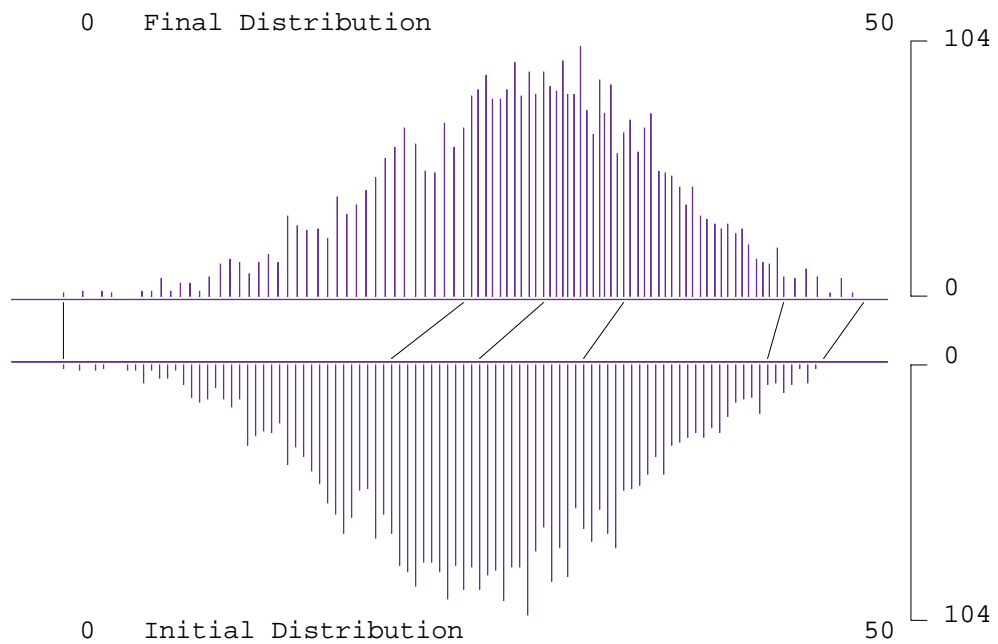


Higher School Certificate Examination 1999

Design and Technology - 2/3 unit - 21880

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	52.24	26.12	29.35	Candidature: 3962	
Std.Devn	16.56	8.28	7.82		
Minimum	0.00	0.00	0.00		
Median	52.00	26.00	30.00		
Maximum	94.00	47.00	49.30		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	47.5 - 50.0
					44.0 - 45.0
					32.5 - 35.0
					26.0 - 30.0
					20.5 - 25.0
					0.0 - 0.0
45 - 50.0	43	1.09	43	1.09	
35 - 44.9	918	23.17	961	24.26	
25 - 34.9	2030	51.24	2991	75.49	
15 - 24.9	774	19.54	3765	95.03	
0 - 14.9	197	4.97	3962	100.00	

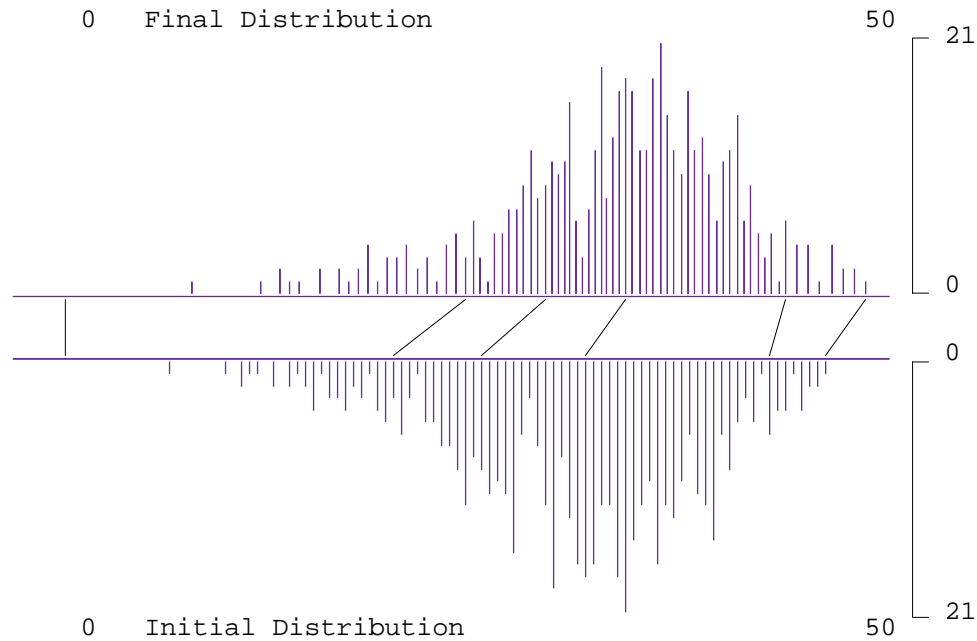


Higher School Certificate Examination 1999

Design and Technology - 2/3 unit - 21880

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	63.79	31.90	34.58	Candidature: 535	
Std.Devn	15.00	7.50	6.70		
Minimum	13.00	6.50	7.90		
Median	65.00	32.50	35.00		
Maximum	95.00	47.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	24	4.49	24	4.49	47.5 - 50.0
35 - 44.9	260	48.60	284	53.08	44.0 - 45.0
25 - 34.9	208	38.88	492	91.96	32.5 - 35.0
15 - 24.9	37	6.92	529	98.88	26.0 - 30.0
0 - 14.9	6	1.12	535	100.00	20.5 - 25.0
					0.0 - 0.0

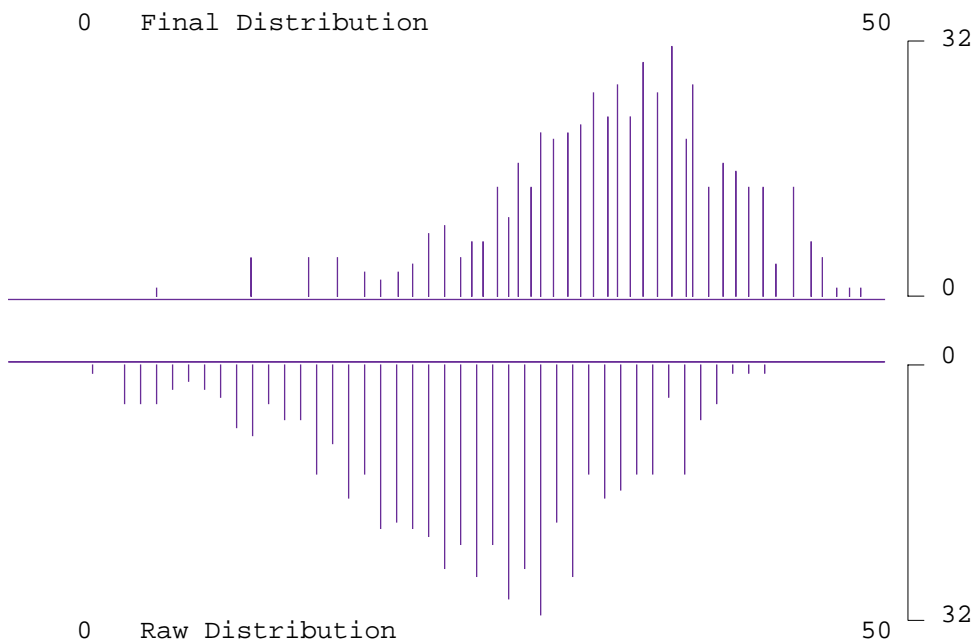


Higher School Certificate Examination 1999

Design and Technology - 3 unit - 21881

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	25.53	31.84	34.49	Candidature: 545	
Std.Devn	8.32	7.54	7.00		
Minimum	2.00	5.00	6.00	Mapping Points Initial - Final	
Median	26.00	32.30	34.80		
Maximum	44.00	47.50	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	29	5.32	29	5.32	47.5 - 50.0
35 - 44.9	237	43.49	266	48.81	43.5 - 45.0
25 - 34.9	234	42.94	500	91.74	32.5 - 35.0
15 - 24.9	39	7.16	539	98.90	26.5 - 30.0
0 - 14.9	6	1.10	545	100.00	21.0 - 25.0
					0.0 - 0.0

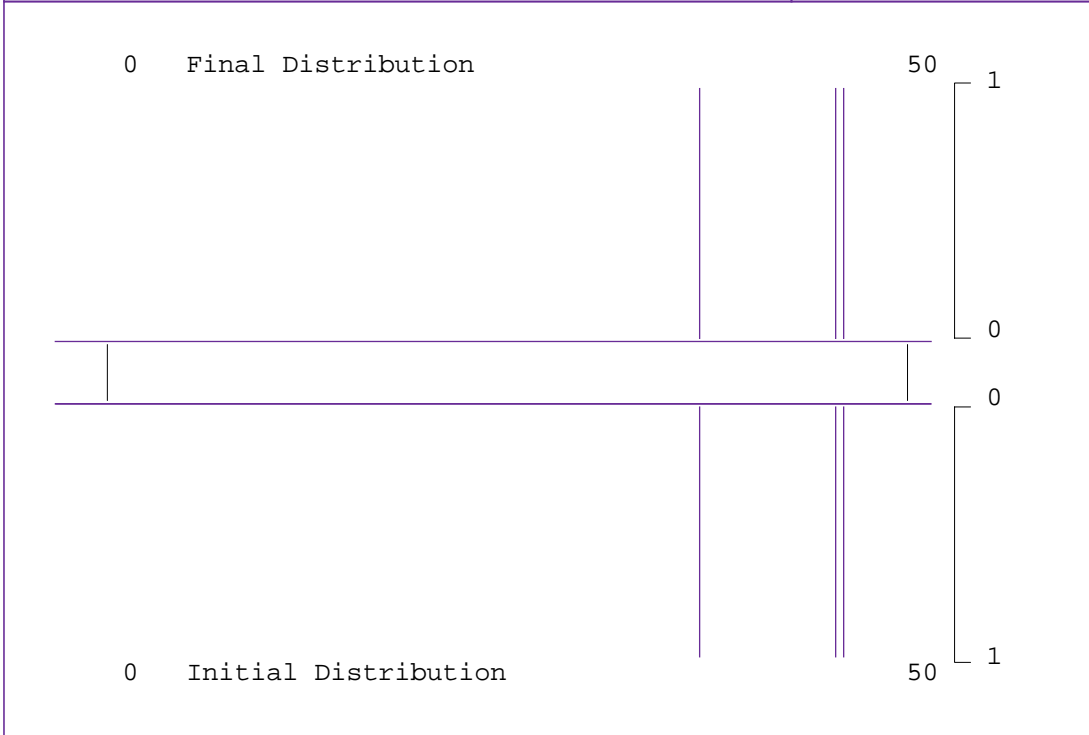


Higher School Certificate Examination 1999

Comparative Literature-Distinctn Course - 2 unit - 25010

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	85.67	42.83	42.83	Candidature: 3
Std.Devn	8.26	4.13	4.13	
Minimum	74.00	37.00	37.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	91.00	45.50	45.50	
Maximum	92.00	46.00	46.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

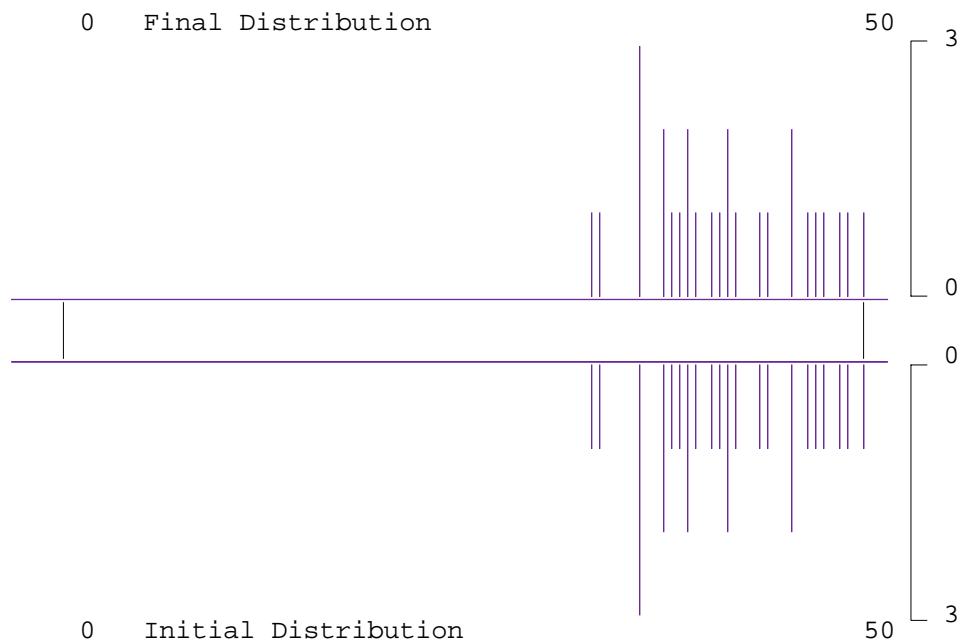


Higher School Certificate Examination 1999

Cosmology - Distinction Course - 2 unit - 25020

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	82.74	41.37	41.37	Candidature: 27
Std.Devn	9.50	4.75	4.75	
Minimum	66.00	33.00	33.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	82.00	41.00	41.00	
Maximum	100.00	50.00	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

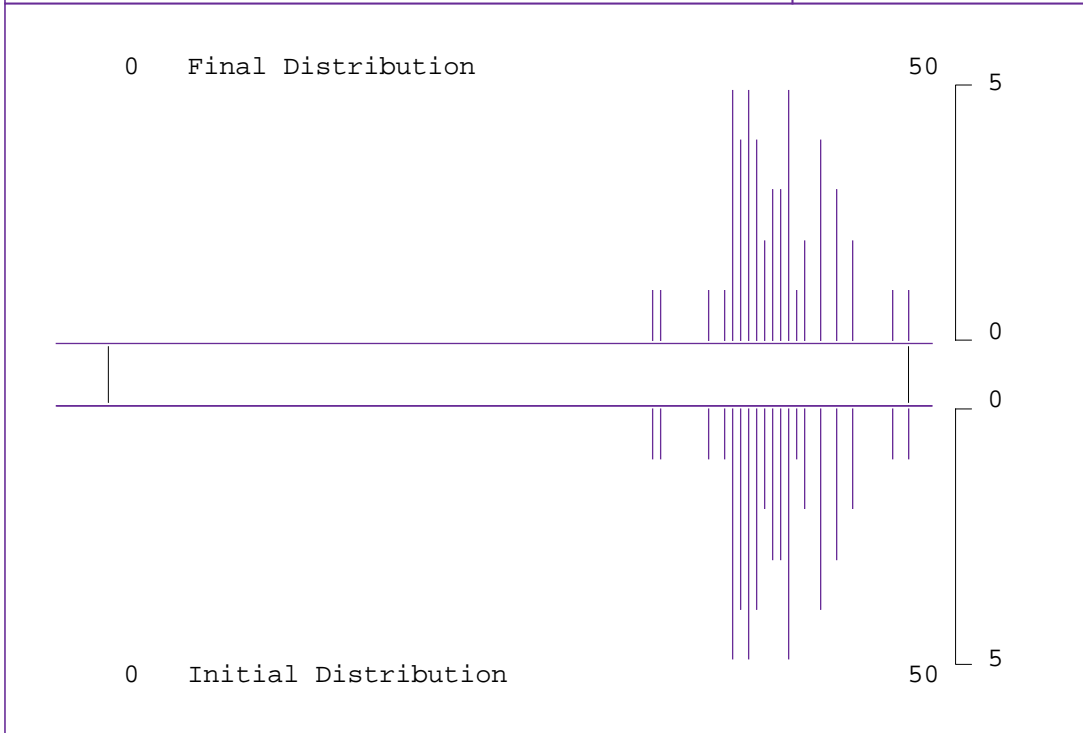


Higher School Certificate Examination 1999

Philosophy - Distinction Course - 2 unit - 25030

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	83.31	41.65	41.65	Candidature: 49
Std.Devn	6.20	3.10	3.10	
Minimum	68.00	34.00	34.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	83.00	41.50	41.50	
Maximum	100.00	50.00	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

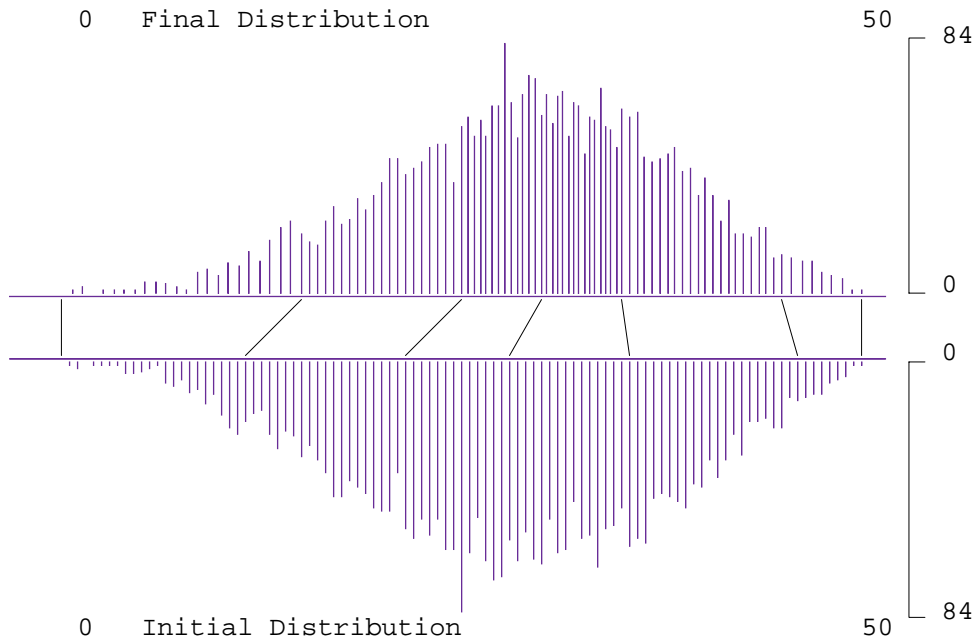


Higher School Certificate Examination 1999

Drama - 2 unit - 22220

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	55.96	27.98	29.54	Candidature: 3382	
Std.Devn	18.87	9.44	7.98		
Minimum	1.00	0.50	0.70		
Median	56.00	28.00	30.00		
Maximum	100.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	67	1.98	67	1.98	46.0 - 45.0
35 - 44.9	771	22.80	838	24.78	35.5 - 35.0
25 - 34.9	1708	50.50	2546	75.28	28.0 - 30.0
15 - 24.9	686	20.28	3232	95.56	21.5 - 25.0
0 - 14.9	150	4.44	3382	100.00	11.5 - 15.0
					0.0 - 0.0

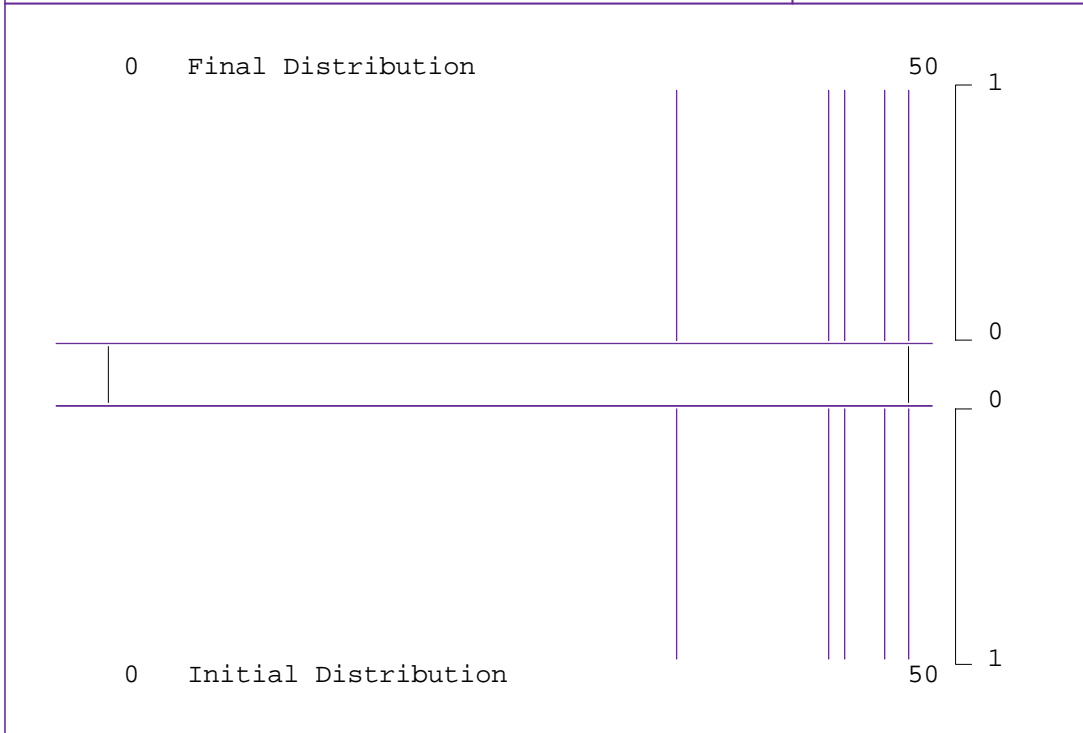


Higher School Certificate Examination 1999

Dutch - 2 unit - 21262

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	90.00	45.00	45.00	Candidature: 5
Std.Devn	10.14	5.07	5.07	
Minimum	71.00	35.50	35.50	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	92.00	46.00	46.00	
Maximum	100.00	50.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				

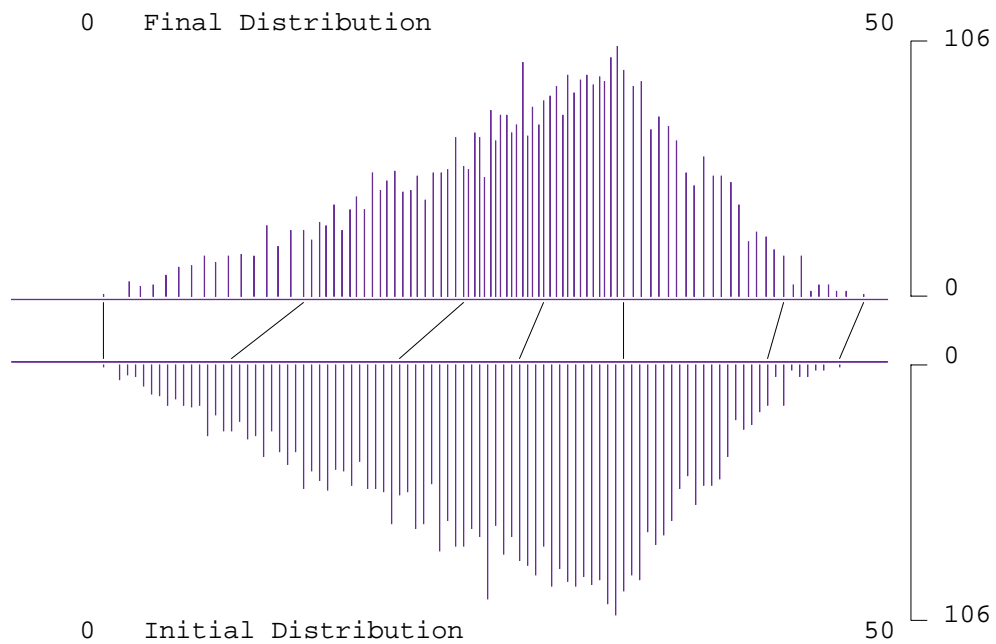


Higher School Certificate Examination 1999

Economics - 2/3 unit - 20650

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	54.65	27.32	29.29	Candidature: 4409	
Std.Devn	18.64	9.32	8.02		
Minimum	5.00	2.50	2.50		
Median	57.00	28.50	30.00		
Maximum	97.00	48.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	56	1.27	56	1.27	48.5 - 50.0
35 - 44.9	1003	22.75	1059	24.02	44.0 - 45.0
25 - 34.9	2237	50.74	3296	74.76	35.0 - 35.0
15 - 24.9	901	20.44	4197	95.19	28.5 - 30.0
0 - 14.9	212	4.81	4409	100.00	21.0 - 25.0
					10.5 - 15.0
					2.5 - 2.5

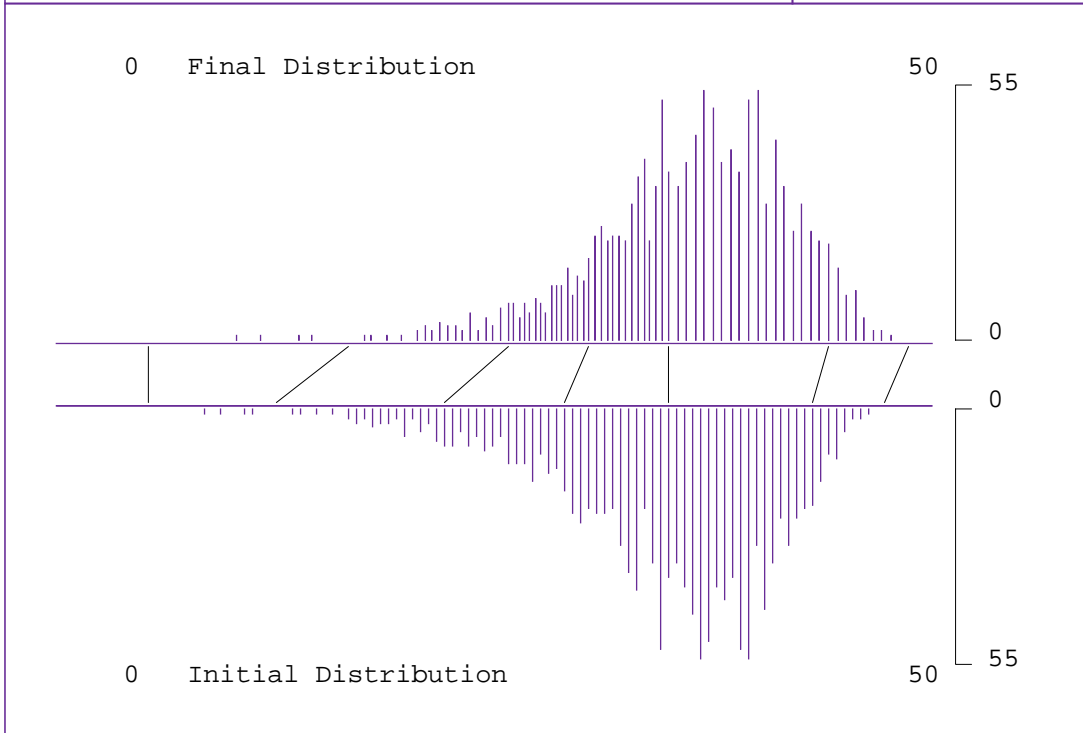


Higher School Certificate Examination 1999

Economics - 2/3 unit - 20650

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	69.82	34.91	35.84	Candidature: 1331	
Std.Devn	13.23	6.61	5.93		
Minimum	12.00	6.00	8.00		
Median	72.00	36.00	36.10		
Maximum	95.00	47.50	48.90		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	68	5.11	68	5.11	48.5 - 50.0
35 - 44.9	695	52.22	763	57.33	44.0 - 45.0
25 - 34.9	518	38.92	1281	96.24	35.0 - 35.0
15 - 24.9	46	3.46	1327	99.70	28.5 - 30.0
0 - 14.9	4	0.30	1331	100.00	21.0 - 25.0
					10.5 - 15.0
					2.5 - 2.5

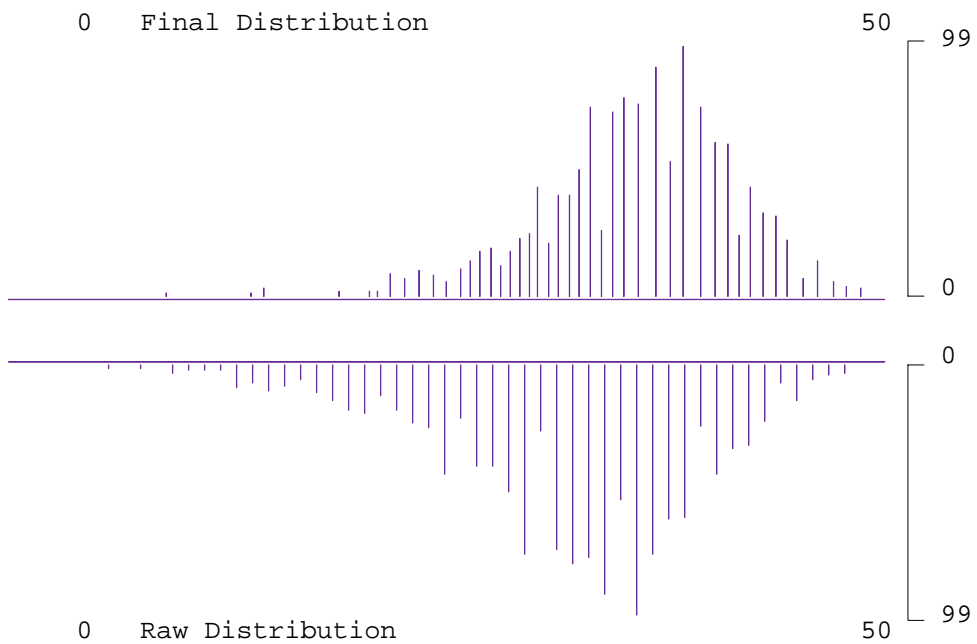


Higher School Certificate Examination 1999

Economics - 3 unit - 20651

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	31.85	34.83	35.79	Candidature: 1341	
Std.Devn	7.83	6.69	6.02		
Minimum	3.00	5.10	6.60		
Median	33.00	36.00	36.10		
Maximum	49.00	47.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	47.5 - 50.0
					44.0 - 45.0
					35.0 - 35.0
					28.5 - 30.0
					21.0 - 25.0
					10.5 - 15.0
					2.5 - 2.5
45 - 50.0	56	4.18	56	4.18	
35 - 44.9	726	54.14	782	58.31	
25 - 34.9	508	37.88	1290	96.20	
15 - 24.9	46	3.43	1336	99.63	
0 - 14.9	5	0.37	1341	100.00	

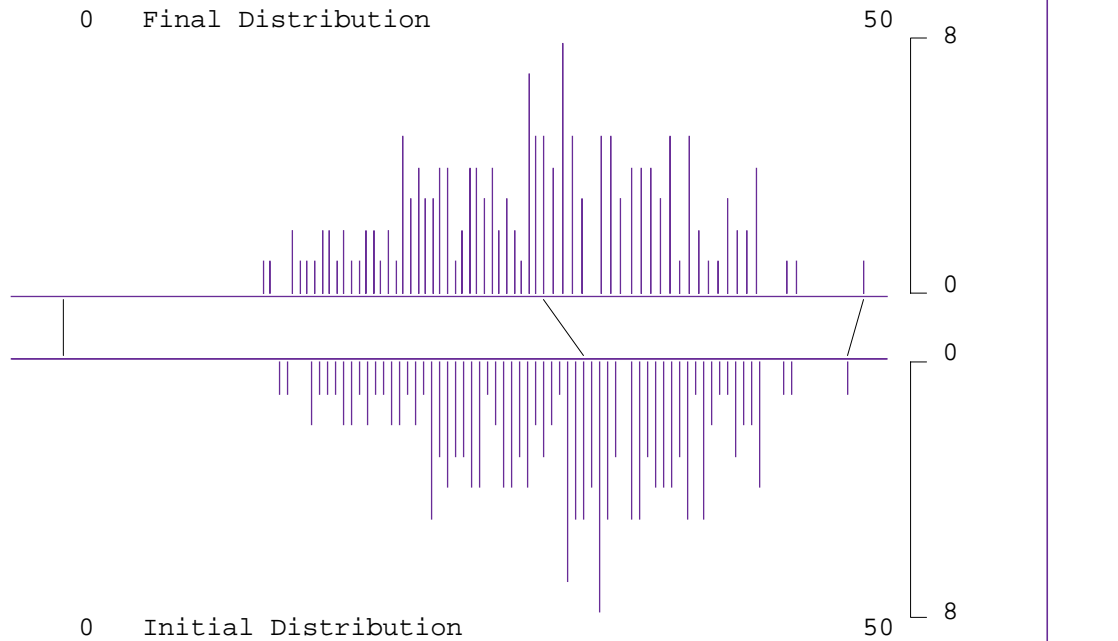


Higher School Certificate Examination 1999

Electronics Technology - 2 unit - 21830

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	62.17	31.09	29.39	Candidature: 170
Std.Devn	15.18	7.59	7.87	
Minimum	27.00	13.50	12.50	Mapping Points Initial - Final
Median	64.00	32.00	29.50	
Maximum	98.00	49.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				32.5 - 30.0
				0.0 - 0.0

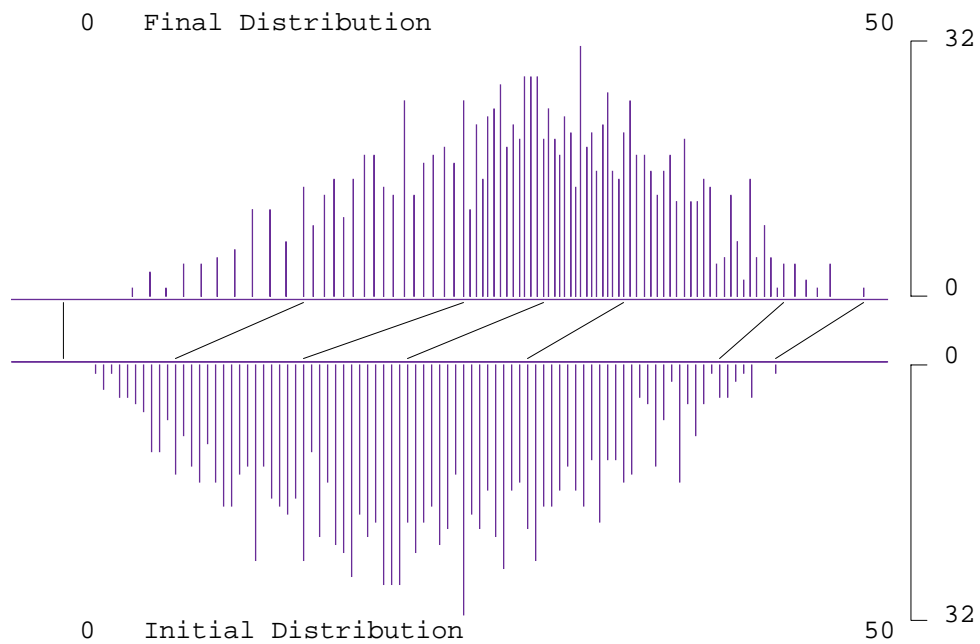


Higher School Certificate Examination 1999

Engineering Science - 2/3 unit - 21840

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	43.75	21.88	29.42	Candidature: 1212	
Std.Devn	18.42	9.21	8.07		
Minimum	4.00	2.00	4.30		
Median	43.00	21.50	30.00		
Maximum	89.00	44.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	44.5 - 50.0
45 - 50.0	16	1.32	16	1.32	41.0 - 45.0
35 - 44.9	296	24.42	312	25.74	29.0 - 35.0
25 - 34.9	599	49.42	911	75.17	21.5 - 30.0
15 - 24.9	248	20.46	1159	95.63	15.0 - 25.0
0 - 14.9	53	4.37	1212	100.00	7.0 - 15.0
					0.0 - 0.0

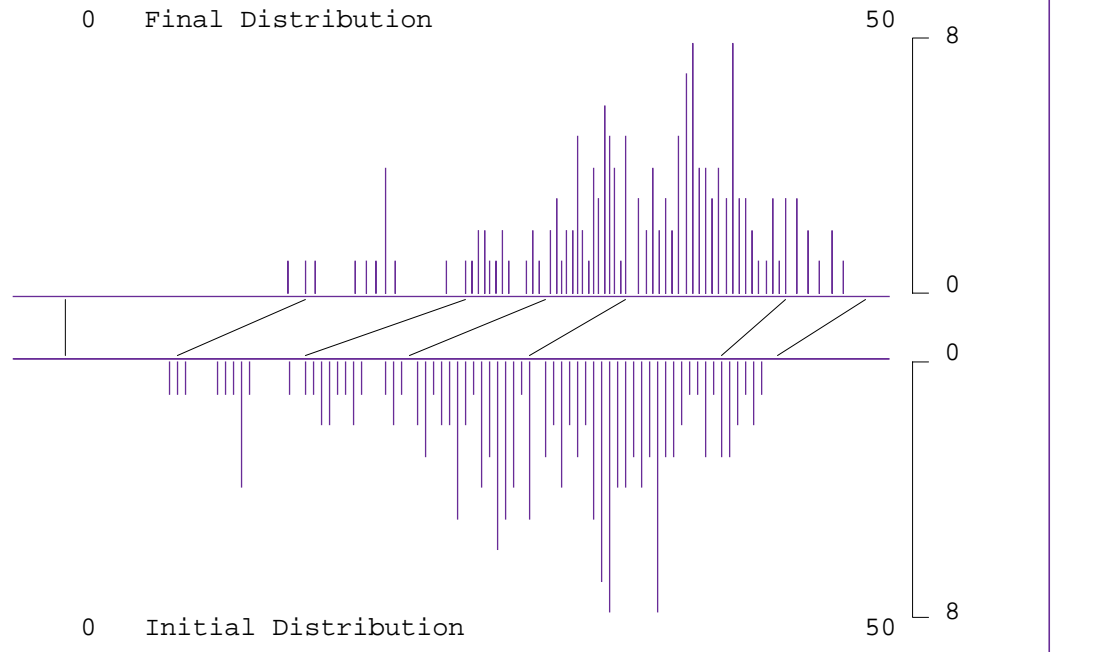


Higher School Certificate Examination 1999

Engineering Science - 2/3 unit - 21840

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	58.80	29.40	35.63	Candidature: 161	
Std.Devn	17.30	8.65	7.12		
Minimum	13.00	6.50	13.90		
Median	62.00	31.00	36.70		
Maximum	87.00	43.50	48.60		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	12	7.45	12	7.45	44.5 - 50.0
35 - 44.9	81	50.31	93	57.76	41.0 - 45.0
25 - 34.9	56	34.78	149	92.55	29.0 - 35.0
15 - 24.9	11	6.83	160	99.38	21.5 - 30.0
0 - 14.9	1	0.62	161	100.00	15.0 - 25.0
					7.0 - 15.0
					0.0 - 0.0

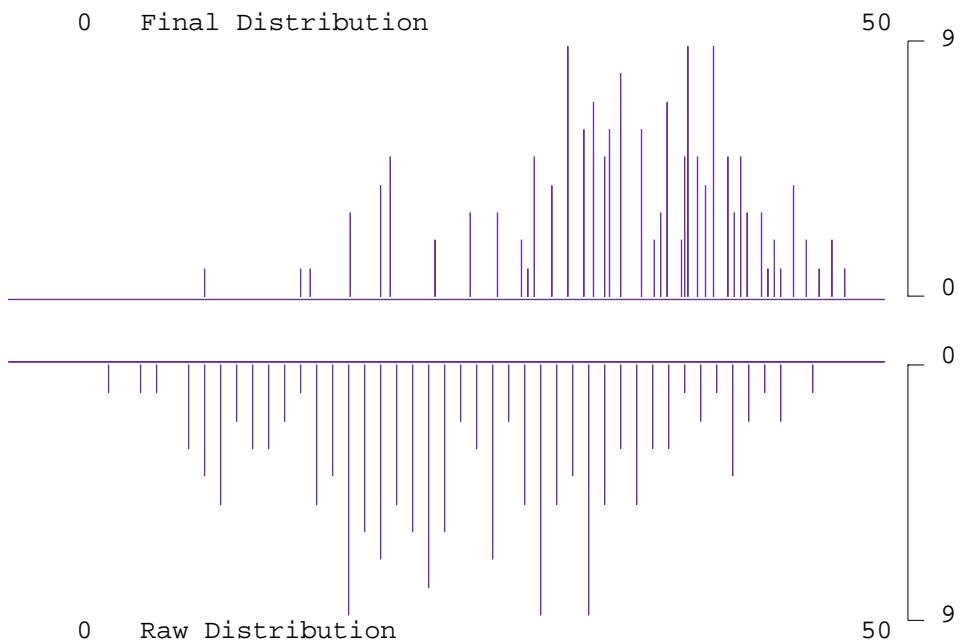


Higher School Certificate Examination 1999

Engineering Science - 3 unit - 21841

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	25.07	29.07	35.33	Candidature: 161	
Std.Devn	9.81	9.01	7.56		
Minimum	3.00	4.20	9.00	Mapping Points Initial - Final	
Median	24.00	30.50	36.30		
Maximum	47.00	43.50	49.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	43.5 - 49.0
					41.0 - 45.0
45 - 50.0	11	6.83	11	6.83	29.0 - 35.0
35 - 44.9	82	50.93	93	57.76	21.5 - 30.0
25 - 34.9	51	31.68	144	89.44	15.0 - 25.0
15 - 24.9	16	9.94	160	99.38	7.0 - 15.0
0 - 14.9	1	0.62	161	100.00	0.0 - 0.0

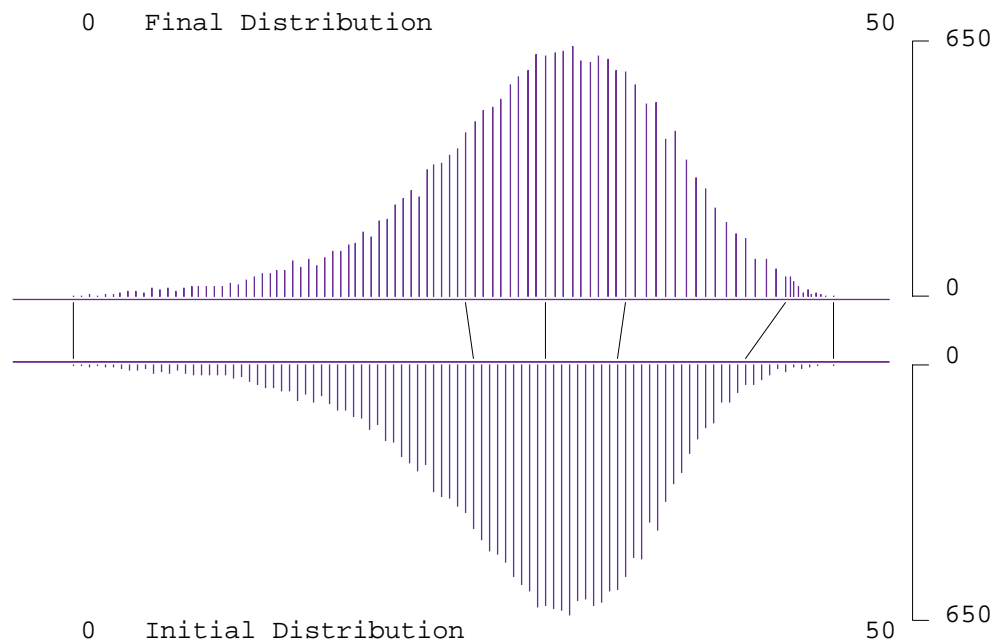


Higher School Certificate Examination 1999

Contemporary English - 2 unit - 20050

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	58.55	29.27	29.47	Candidature: 20564	
Std.Devn	13.95	6.98	7.52		
Minimum	1.00	0.50	0.50		
Median	60.00	30.00	30.00		
Maximum	96.00	48.00	48.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	212	1.03	212	1.03	48.0 - 48.0
35 - 44.9	4912	23.89	5124	24.92	42.5 - 45.0
25 - 34.9	10302	50.10	15426	75.01	34.5 - 35.0
15 - 24.9	4292	20.87	19718	95.89	30.0 - 30.0
0 - 14.9	846	4.11	20564	100.00	25.5 - 25.0
					0.5 - 0.5

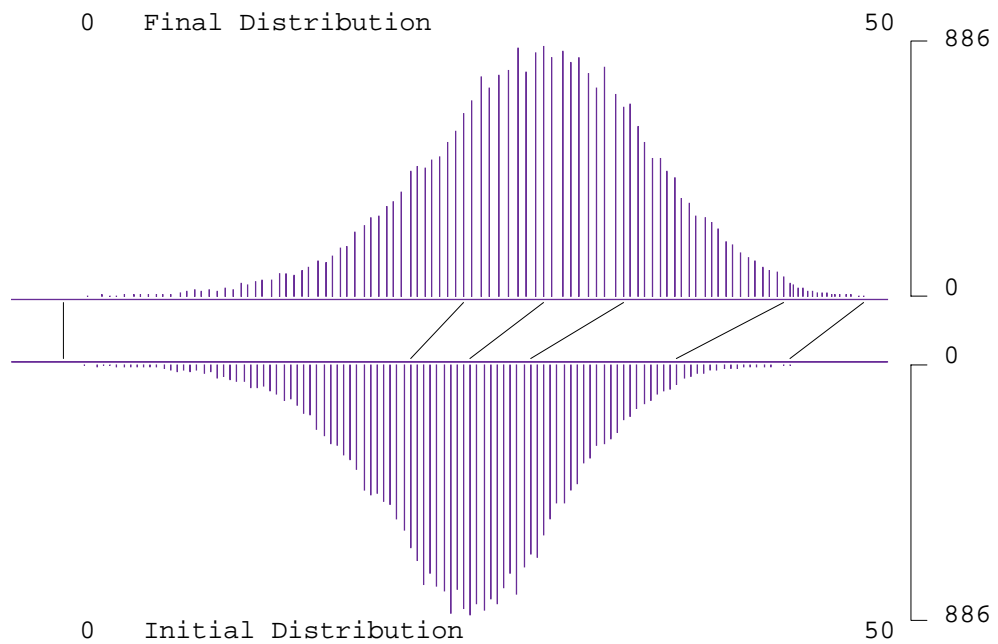


Higher School Certificate Examination 1999

English (General) - 2 unit - 20060

Performance of the Single **2 unit** candidature

	Raw/120	Initial/50	Final/50		
Mean	60.46	25.20	29.67	Candidature: 28878	
Std.Devn	14.10	5.88	7.19		
Minimum	3.00	1.30	1.50	Mapping Points Initial - Final	
Median	61.00	25.40	30.00		
Maximum	109.00	45.40	50.00		
Score Group	Freq	% Freq	Cuml Freq		% Cuml Freq
45 - 50.0	310	1.07	310		1.07
35 - 44.9	7136	24.71	7446	25.78	
25 - 34.9	14308	49.55	21754	75.33	
15 - 24.9	6355	22.01	28109	97.34	
0 - 14.9	769	2.66	28878	100.00	
				45.4 - 50.0	
				38.3 - 45.0	
				29.2 - 35.0	
				25.4 - 30.0	
				21.7 - 25.0	
				0.0 - 0.0	

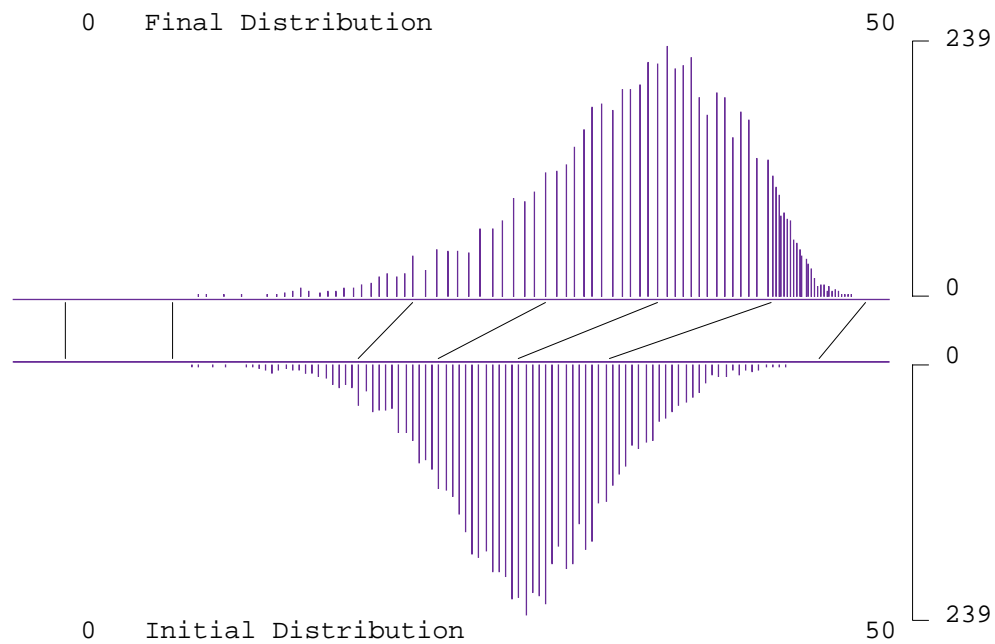


Higher School Certificate Examination 1999

English - 2/3 unit - 20070

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/120	Initial/50	Final/50		
Mean	68.90	28.72	36.83	Candidature: 6512	
Std.Devn	12.34	5.14	6.46		
Minimum	19.00	7.90	8.30		
Median	69.00	28.80	37.60		
Maximum	108.00	45.00	49.10		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	505	7.75	505	7.75	47.1 - 50.0
35 - 44.9	3728	57.25	4233	65.00	34.0 - 44.1
25 - 34.9	1931	29.65	6164	94.66	28.3 - 37.0
15 - 24.9	327	5.02	6491	99.68	23.3 - 30.0
0 - 14.9	21	0.32	6512	100.00	18.3 - 21.7
					6.7 - 6.7
					0.0 - 0.0

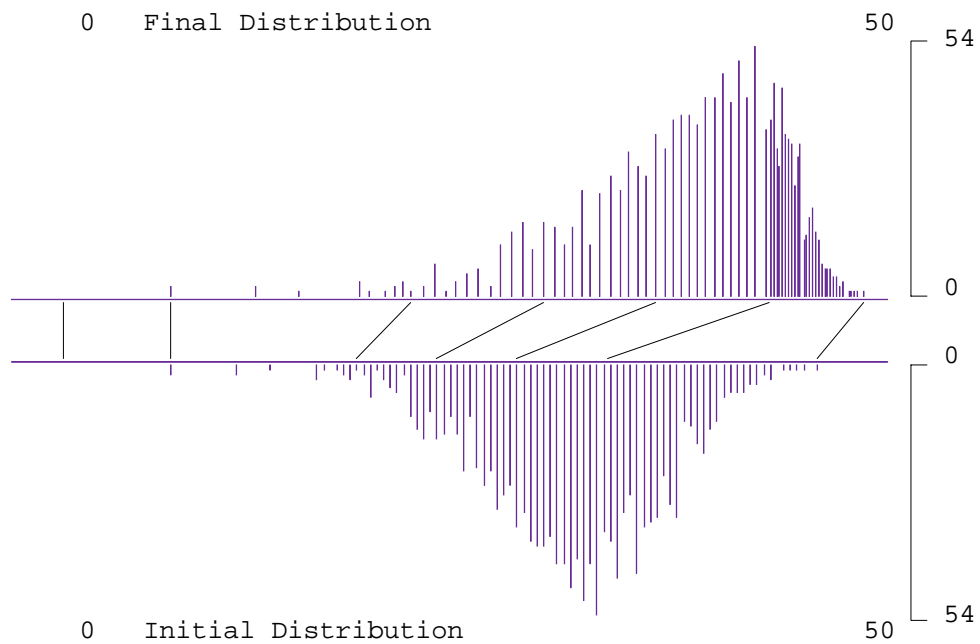


Higher School Certificate Examination 1999

English - 2/3 unit - 20070

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/120	Initial/50	Final/50		
Mean	76.24	31.77	40.20	Candidature: 1428	
Std.Devn	13.07	5.45	6.01		
Minimum	16.00	6.70	6.70	Mapping Points Initial - Final	
Median	77.00	32.10	41.70		
Maximum	113.00	47.10	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	319	22.34	319	22.34	47.1 - 50.0
35 - 44.9	854	59.80	1173	82.14	34.0 - 44.1
25 - 34.9	226	15.83	1399	97.97	28.3 - 37.0
15 - 24.9	24	1.68	1423	99.65	23.3 - 30.0
0 - 14.9	5	0.35	1428	100.00	18.3 - 21.7
					6.7 - 6.7
					0.0 - 0.0

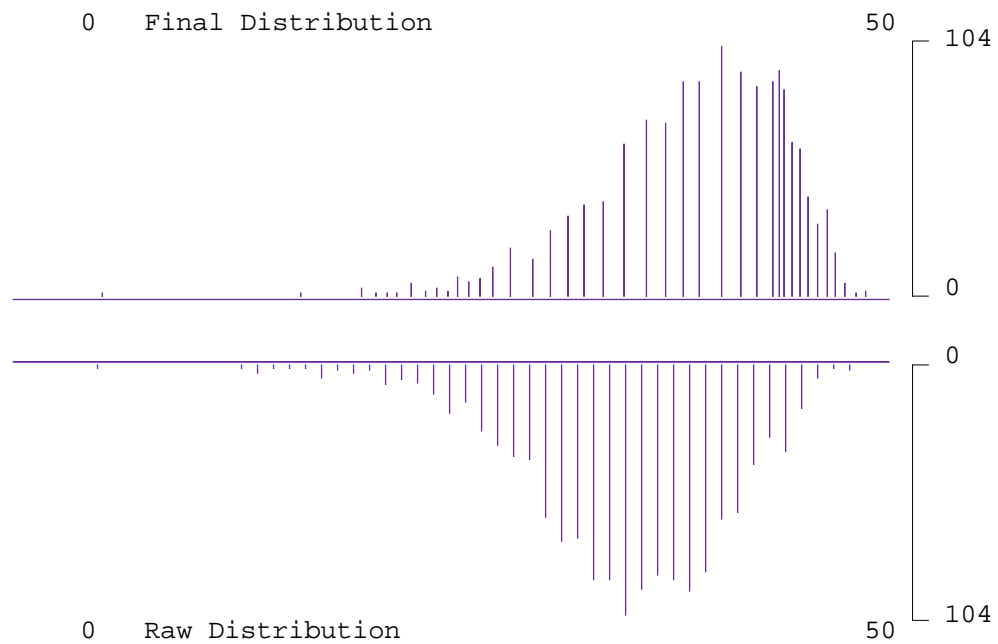


Higher School Certificate Examination 1999

English - 3 unit - 20071

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	35.07	31.69	40.14	Candidature: 1422	
Std.Devn	6.04	5.40	5.93		
Minimum	2.00	2.30	2.30		
Median	35.00	31.50	41.00		
Maximum	49.00	47.10	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	258	18.14	258	18.14	47.1 - 50.0
35 - 44.9	876	61.60	1134	79.75	34.0 - 44.1
25 - 34.9	260	18.28	1394	98.03	28.3 - 37.0
15 - 24.9	26	1.83	1420	99.86	23.3 - 30.0
0 - 14.9	2	0.14	1422	100.00	18.3 - 21.7
					6.7 - 6.7
					0.0 - 0.0

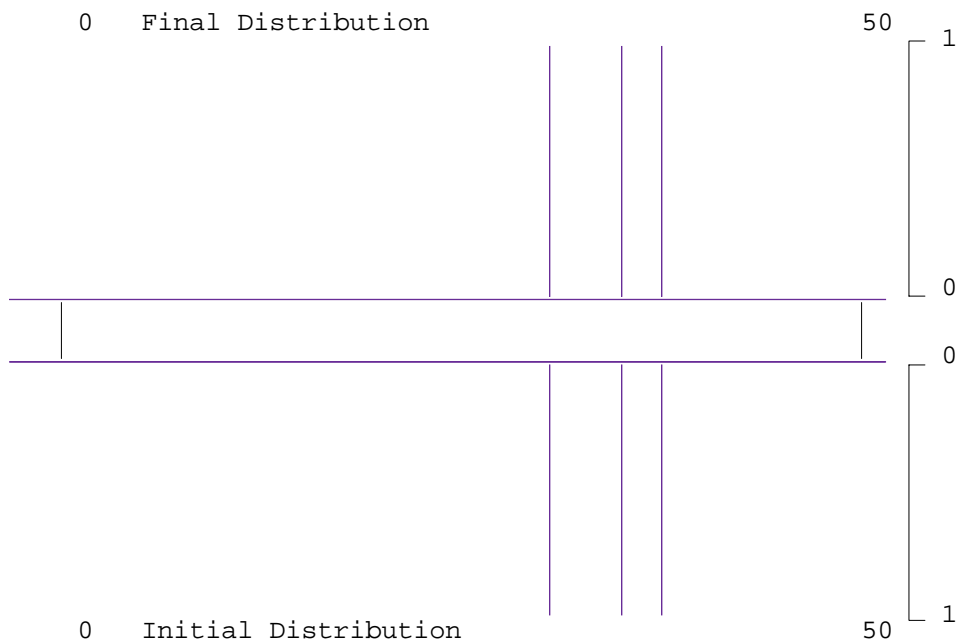


Higher School Certificate Examination 1999

Filipino - 2 unit - 21275

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	Candidature:
Mean	68.67	34.33	34.33	3
Std.Devn	5.79	2.90	2.90	
Minimum	61.00	30.50	30.50	
Median	70.00	35.00	35.00	
Maximum	75.00	37.50	37.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0

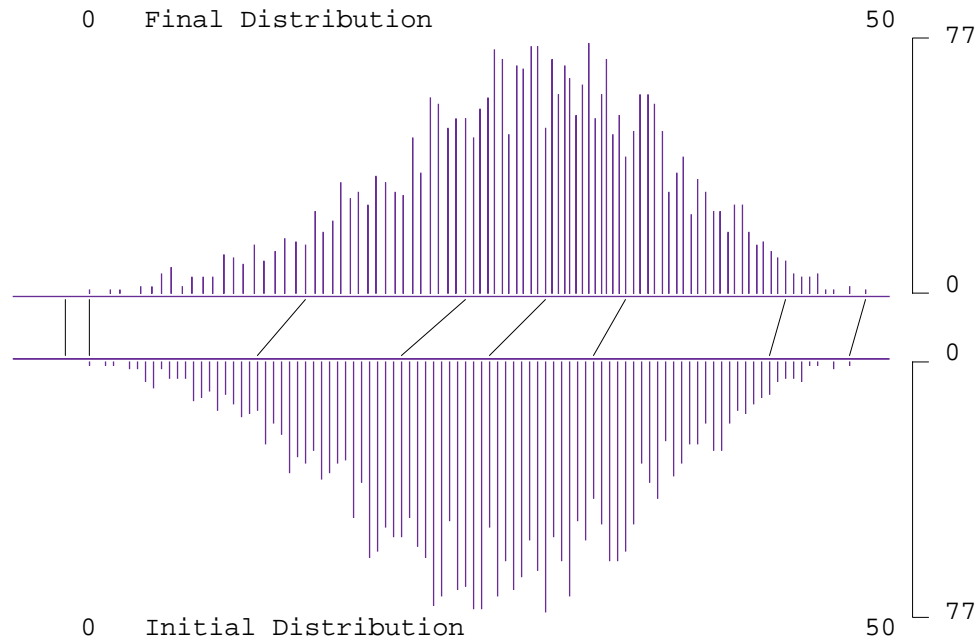


Higher School Certificate Examination 1999

Food Technology - 2/3 unit - 21870

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	53.03	26.51	29.37	Candidature: 3051	
Std.Devn	16.99	8.50	7.94		
Minimum	3.00	1.50	1.50		
Median	53.00	26.50	30.00		
Maximum	98.00	49.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	37	1.21	37	1.21	49.0 - 50.0
35 - 44.9	719	23.57	756	24.78	44.0 - 45.0
25 - 34.9	1513	49.59	2269	74.37	33.0 - 35.0
15 - 24.9	641	21.01	2910	95.38	26.5 - 30.0
0 - 14.9	141	4.62	3051	100.00	21.0 - 25.0
					12.0 - 15.0
					1.5 - 1.5
					0.0 - 0.0

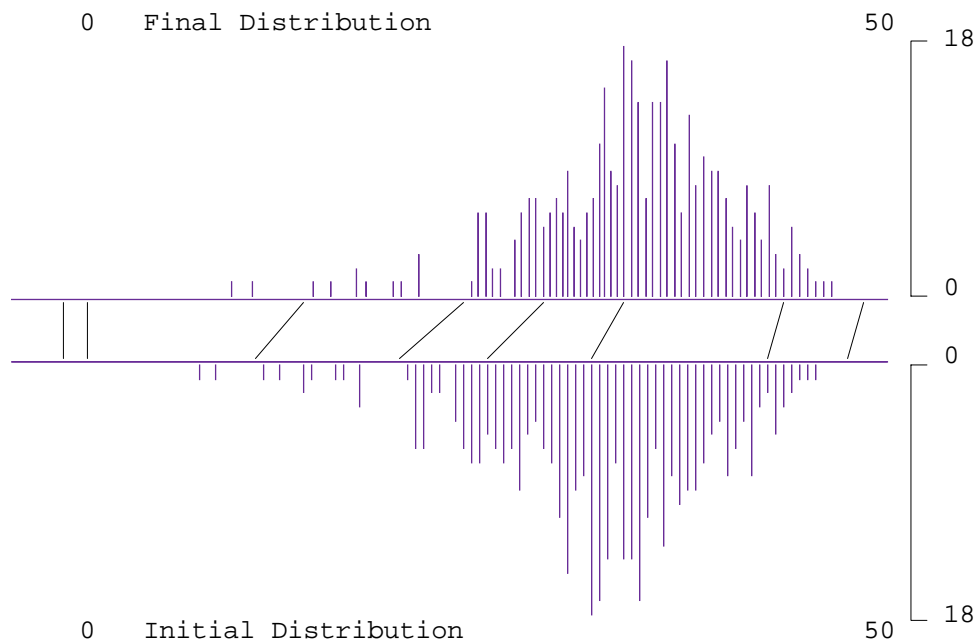


Higher School Certificate Examination 1999

Food Technology - 2/3 unit - 21870

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	66.86	33.43	35.59	Candidature: 378	
Std.Devn	13.10	6.55	5.80		
Minimum	17.00	8.50	10.50		
Median	68.00	34.00	35.90		
Maximum	94.00	47.00	48.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	49.0 - 50.0
					44.0 - 45.0
					33.0 - 35.0
					26.5 - 30.0
					21.0 - 25.0
					12.0 - 15.0
					1.5 - 1.5
					0.0 - 0.0

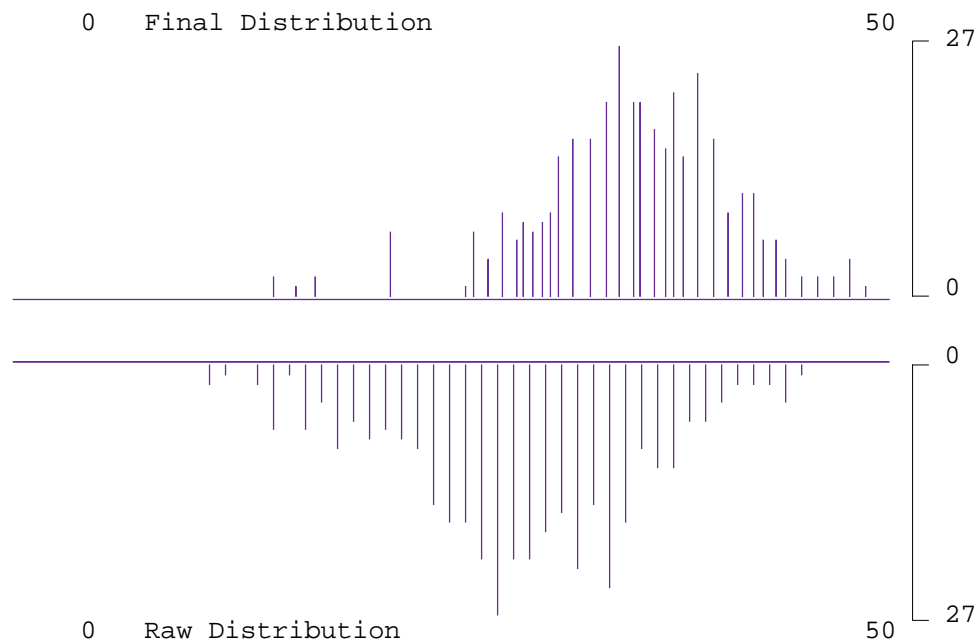


Higher School Certificate Examination 1999

Food Technology - 3 unit - 21871

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	28.45	33.28	35.38	Candidature: 380	
Std.Devn	7.21	6.46	5.95		
Minimum	9.00	11.30	13.00	Mapping Points Initial - Final	
Median	29.00	34.00	35.90		
Maximum	46.00	47.00	50.00		
Score Group	Freq	% Freq	Cuml Freq		% Cuml Freq
45 - 50.0	15	3.95	15		3.95
35 - 44.9	197	51.84	212	55.79	
25 - 34.9	156	41.05	368	96.84	
15 - 24.9	9	2.37	377	99.21	
0 - 14.9	3	0.79	380	100.00	
				47.0 - 50.0	
				44.0 - 45.0	
				33.0 - 35.0	
				27.0 - 30.0	
				21.5 - 25.0	
				13.0 - 15.0	
				1.5 - 1.5	

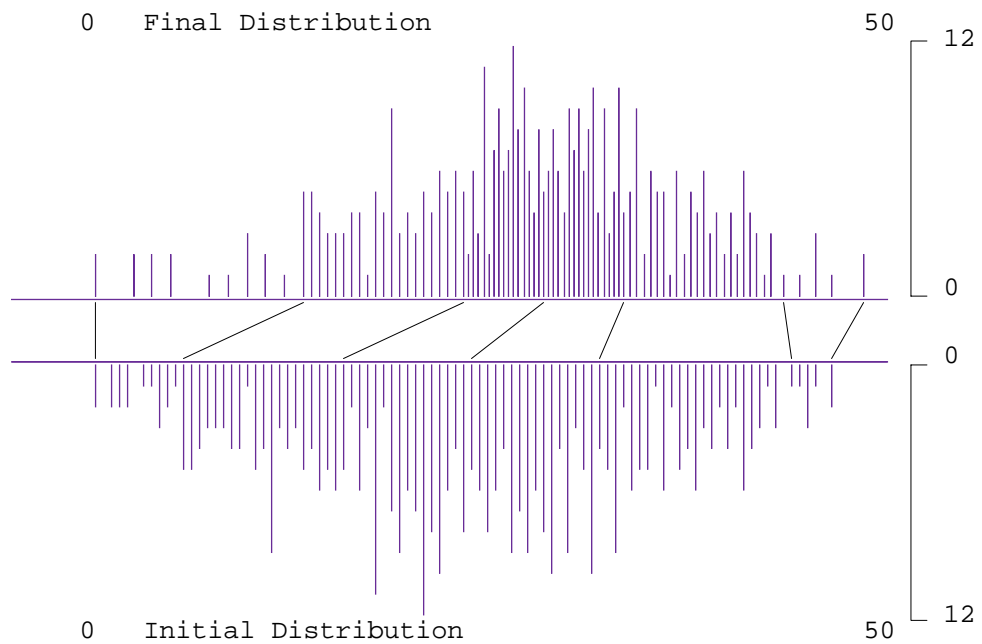


Higher School Certificate Examination 1999

French Z - 2 unit - 21280

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	50.60	25.30	29.46	Candidature: 417	
Std.Devn	21.08	10.54	8.40		
Minimum	4.00	2.00	2.00		
Median	51.00	25.50	30.00		
Maximum	96.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	8	1.92	8	1.92	48.0 - 50.0
35 - 44.9	92	22.06	100	23.98	45.5 - 45.0
25 - 34.9	215	51.56	315	75.54	33.5 - 35.0
15 - 24.9	86	20.62	401	96.16	25.5 - 30.0
0 - 14.9	16	3.84	417	100.00	17.5 - 25.0
					7.5 - 15.0
					2.0 - 2.0

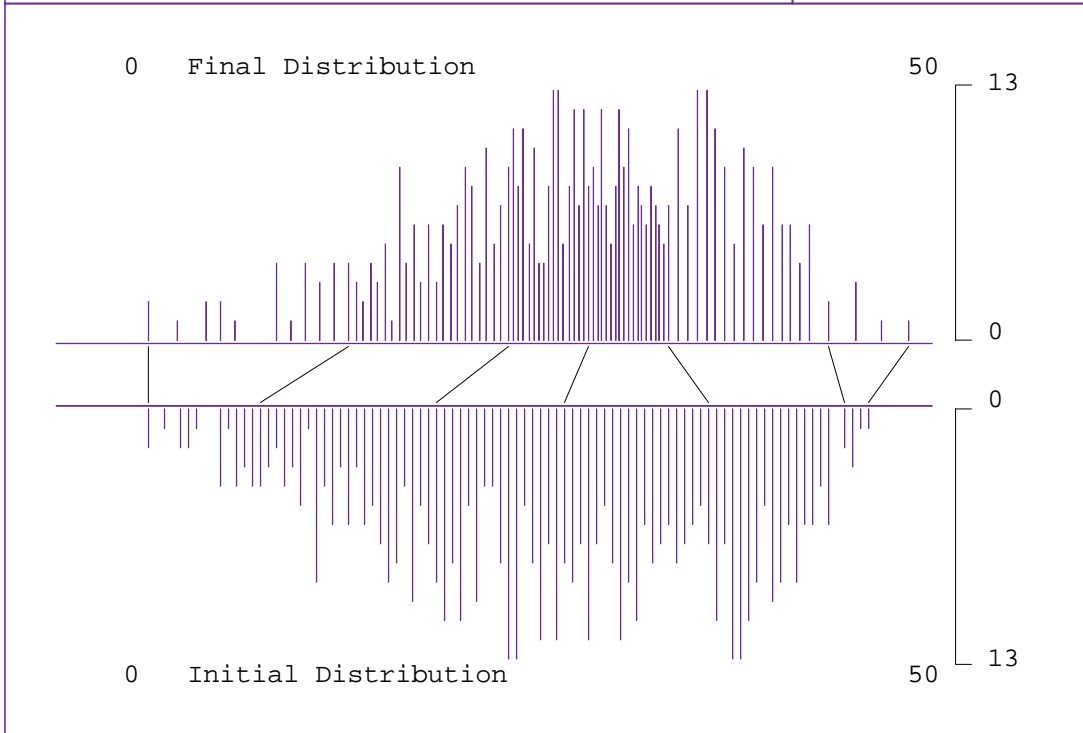


Higher School Certificate Examination 1999

French (General) - 2 unit - 21281

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	56.06	28.03	29.44	Candidature: 558	
Std.Devn	20.86	10.43	8.07		
Minimum	5.00	2.50	2.50	Mapping Points Initial - Final	
Median	57.00	28.50	30.00		
Maximum	95.00	47.50	50.00		
Score Group	Freq	% Freq	Cuml Freq		% Cuml Freq
45 - 50.0	7	1.25	7		1.25
35 - 44.9	132	23.66	139	24.91	
25 - 34.9	281	50.36	420	75.27	
15 - 24.9	114	20.43	534	95.70	
0 - 14.9	24	4.30	558	100.00	
				47.5 - 50.0	
				46.0 - 45.0	
				37.5 - 35.0	
				28.5 - 30.0	
				20.5 - 25.0	
				9.5 - 15.0	
				2.5 - 2.5	

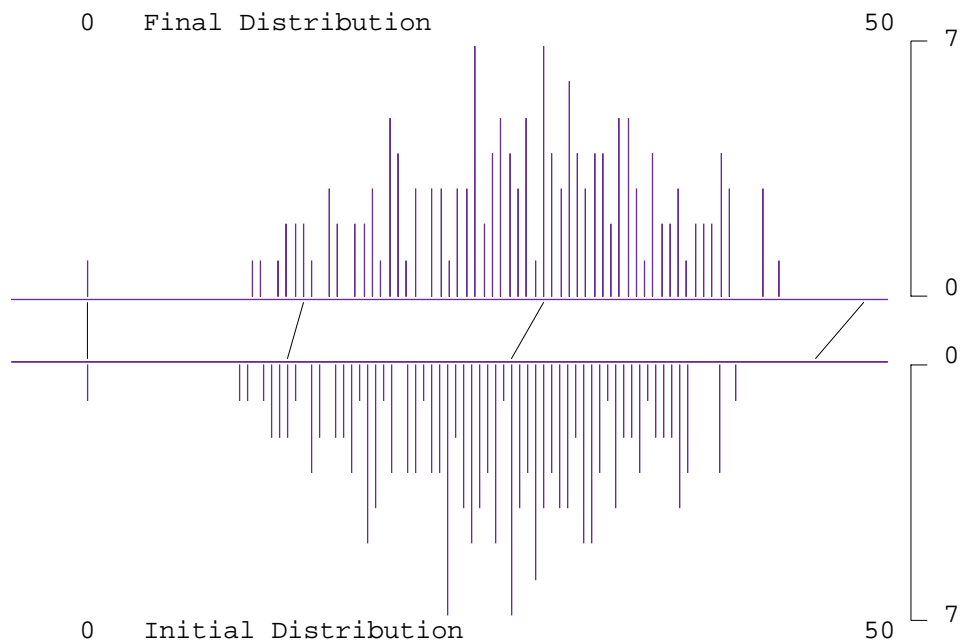


Higher School Certificate Examination 1999

French - 2/3 unit - 21282

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	53.86	26.93	28.81	Candidature: 161
Std.Devn	15.08	7.54	8.02	
Minimum	3.00	1.50	1.50	Mapping Points Initial - Final
Median	55.00	27.50	29.50	
Maximum	84.00	42.00	44.70	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.0 - 50.0
				28.0 - 30.0
				14.0 - 15.0
				1.5 - 1.5

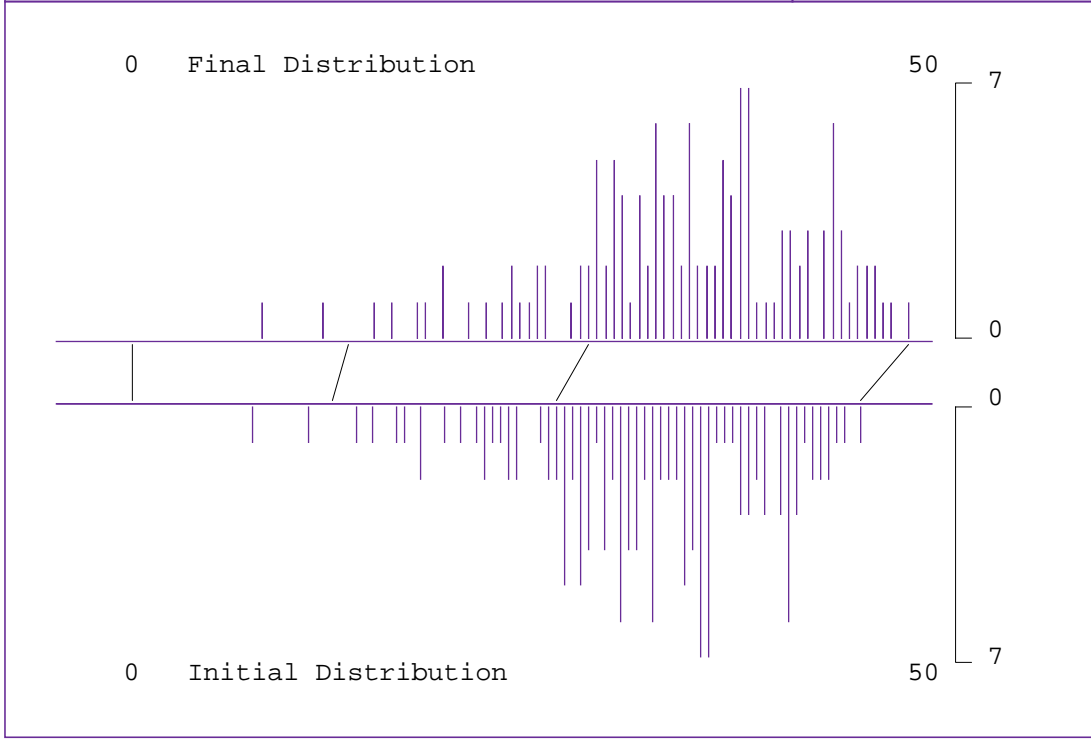


Higher School Certificate Examination 1999

French - 2/3 unit - 21282

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	67.38	33.69	35.97	Candidature: 134
Std.Devn	14.68	7.34	7.77	
Minimum	18.00	9.00	9.60	Mapping Points Initial - Final
Median	68.00	34.00	36.30	
Maximum	94.00	47.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.0 - 50.0
				28.0 - 30.0
				14.0 - 15.0
				1.5 - 1.5

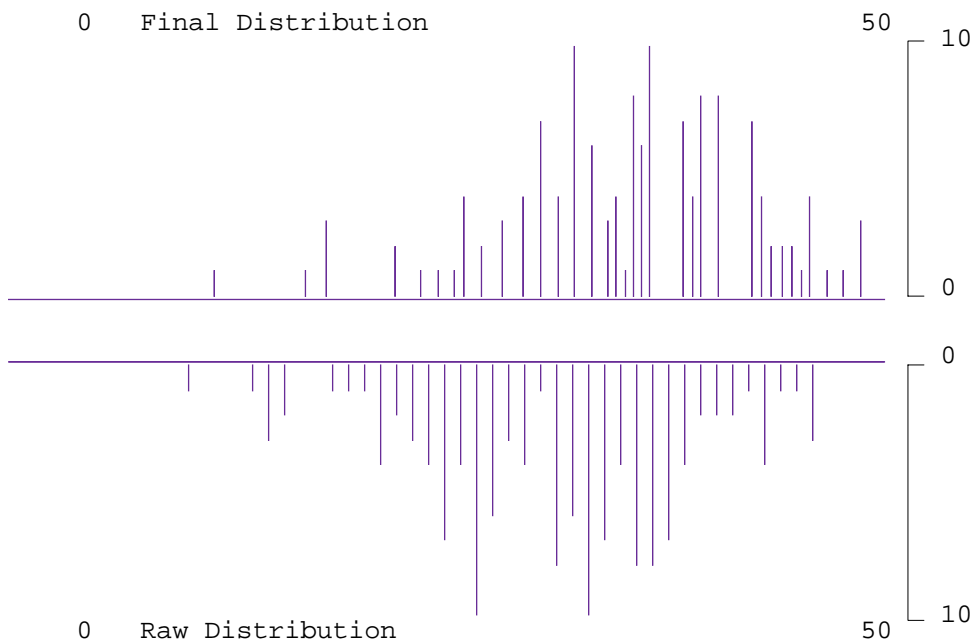


Higher School Certificate Examination 1999

French - 3 unit - 21283

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	30.82	33.40	35.66	Candidature: 136
Std.Devn	8.08	7.15	7.58	
Minimum	8.00	9.50	9.60	Mapping Points Initial - Final
Median	32.00	34.00	36.30	
Maximum	47.00	47.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				Initial - Final
				47.0 - 50.0
				28.0 - 30.0
				14.0 - 15.0
				9.0 - 9.0

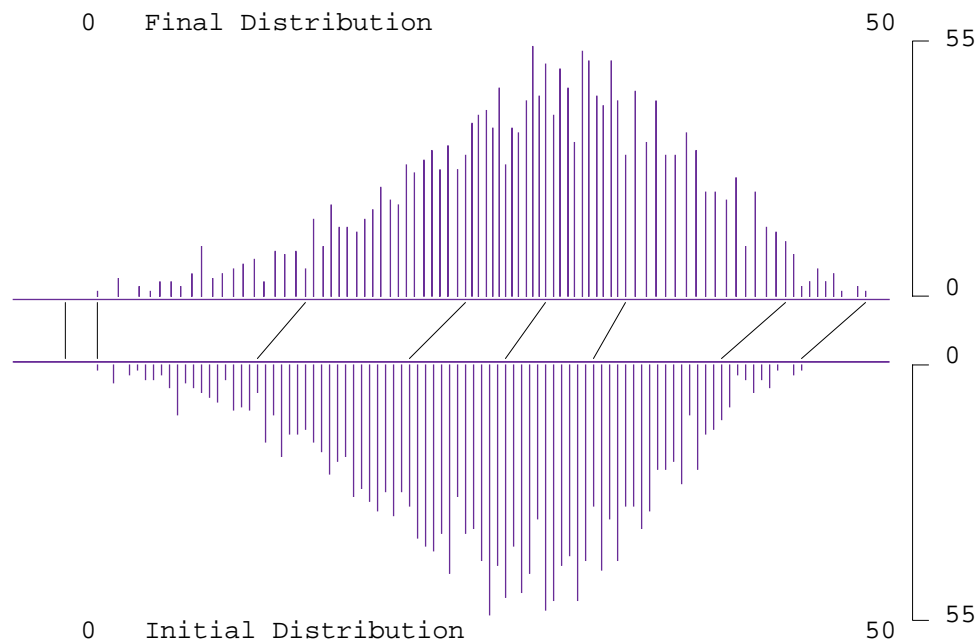


Higher School Certificate Examination 1999

General Science - 2 unit - 20300

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	53.26	26.63	29.43	Candidature: 1968	
Std.Devn	16.42	8.21	8.21		
Minimum	4.00	2.00	2.00		
Median	55.00	27.50	30.00		
Maximum	92.00	46.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	44	2.24	44	2.24	46.0 - 50.0
35 - 44.9	439	22.31	483	24.54	41.0 - 45.0
25 - 34.9	985	50.05	1468	74.59	33.0 - 35.0
15 - 24.9	406	20.63	1874	95.22	27.5 - 30.0
0 - 14.9	94	4.78	1968	100.00	21.5 - 25.0
					12.0 - 15.0
					2.0 - 2.0
					0.0 - 0.0

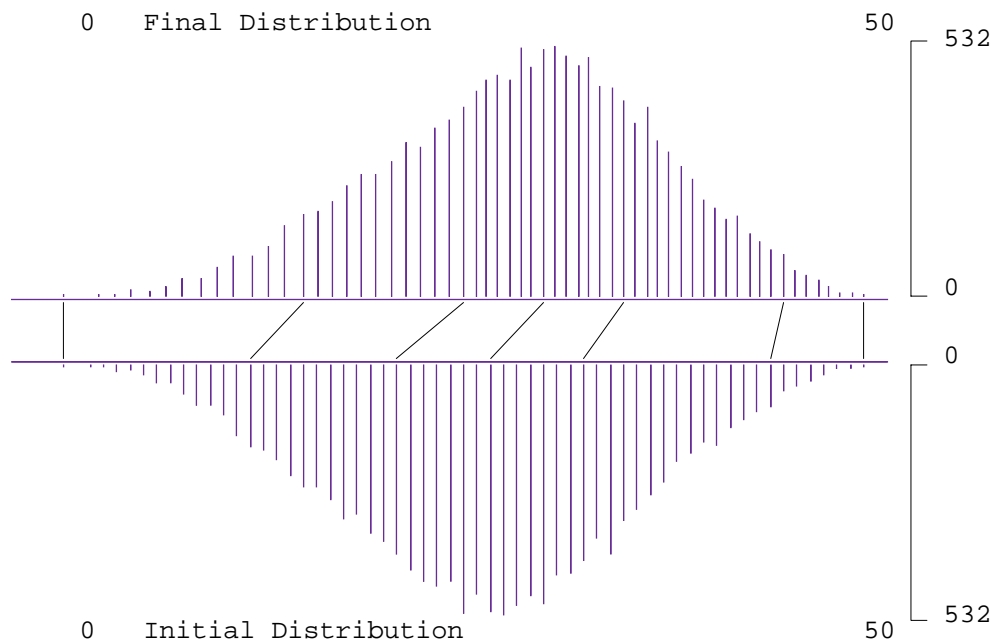


Higher School Certificate Examination 1999

General Studies - 1 unit - 20660

Performance of the Single **1 unit** candidature

	Raw/60	Initial/50	Final/50		
Mean	31.57	26.31	29.32	Candidature: 13984	
Std.Devn	10.45	8.71	8.09		
Minimum	0.00	0.00	0.00		
Median	32.00	26.70	30.00		
Maximum	60.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	258	1.84	258	1.84	50.0 - 50.0
35 - 44.9	3427	24.51	3685	26.35	44.2 - 45.0
25 - 34.9	6708	47.97	10393	74.32	32.5 - 35.0
15 - 24.9	2977	21.29	13370	95.61	26.7 - 30.0
0 - 14.9	614	4.39	13984	100.00	20.8 - 25.0
					11.7 - 15.0
					0.0 - 0.0

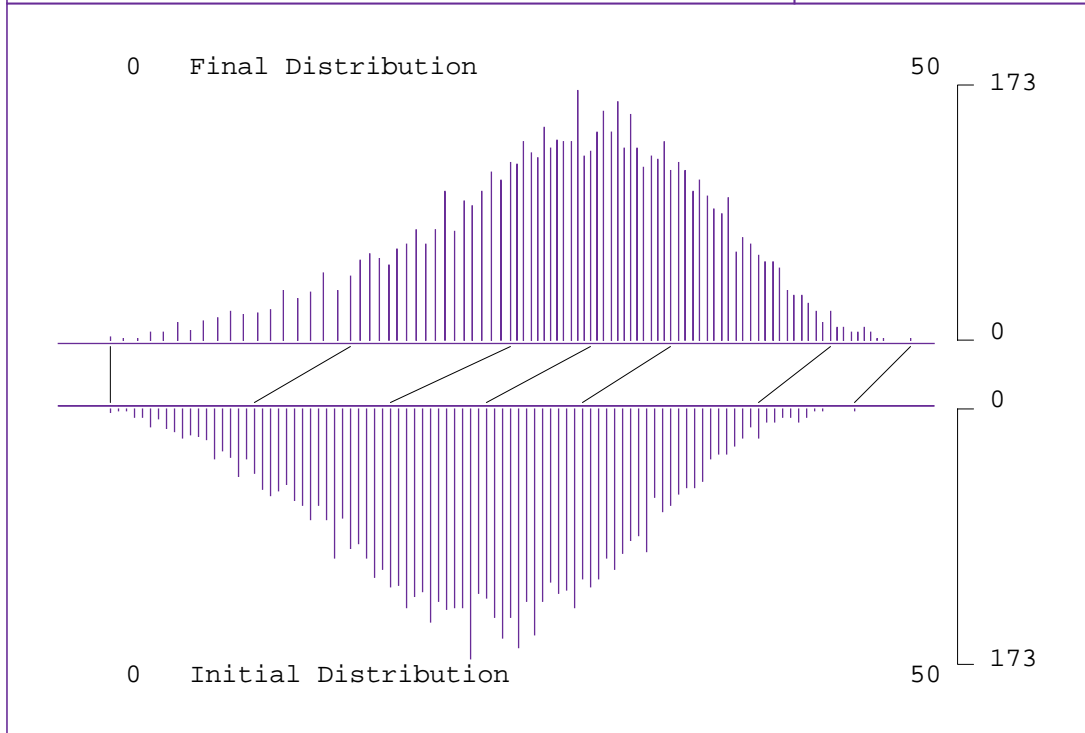


Higher School Certificate Examination 1999

Geography - 2/3 unit - 20670

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	46.00	23.00	29.13	Candidature: 6525	
Std.Devn	16.55	8.28	7.97		
Minimum	0.00	0.00	0.00		
Median	46.00	23.00	29.60		
Maximum	93.00	46.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	67	1.03	67	1.03	46.5 - 50.0
35 - 44.9	1518	23.26	1585	24.29	40.5 - 45.0
25 - 34.9	3306	50.67	4891	74.96	29.5 - 35.0
15 - 24.9	1316	20.17	6207	95.13	23.5 - 30.0
0 - 14.9	318	4.87	6525	100.00	17.5 - 25.0
					9.0 - 15.0
					0.0 - 0.0

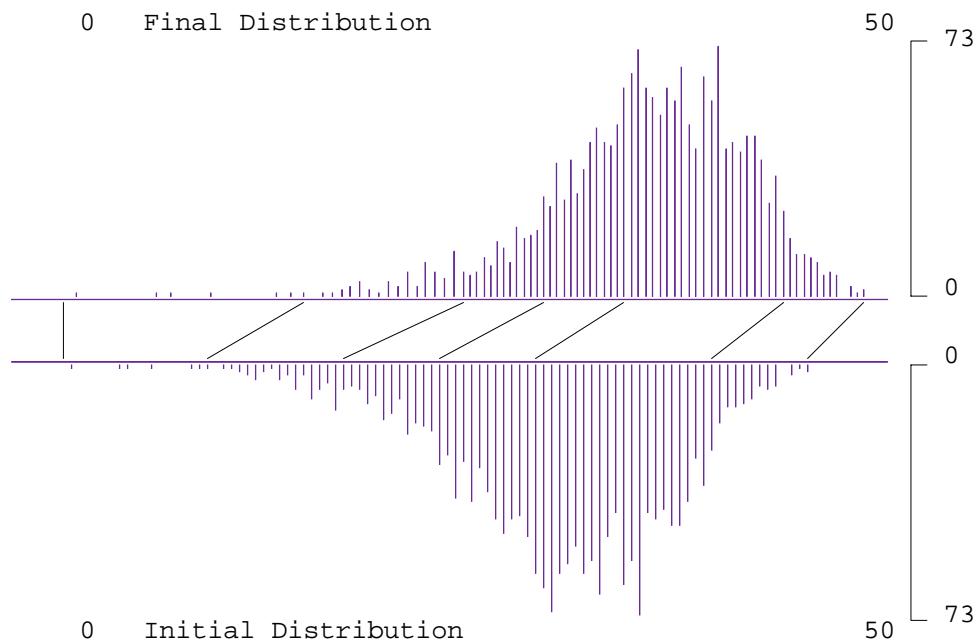


Higher School Certificate Examination 1999

Geography - 2/3 unit - 20670

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	62.15	31.07	36.52	Candidature: 1969	
Std.Devn	13.23	6.62	5.93		
Minimum	1.00	0.50	0.80		
Median	63.00	31.50	36.80		
Maximum	93.00	46.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	46.5 - 50.0
45 - 50.0	112	5.69	112	5.69	40.5 - 45.0
35 - 44.9	1168	59.32	1280	65.01	29.5 - 35.0
25 - 34.9	616	31.28	1896	96.29	23.5 - 30.0
15 - 24.9	67	3.40	1963	99.70	17.5 - 25.0
0 - 14.9	6	0.30	1969	100.00	9.0 - 15.0
					0.0 - 0.0

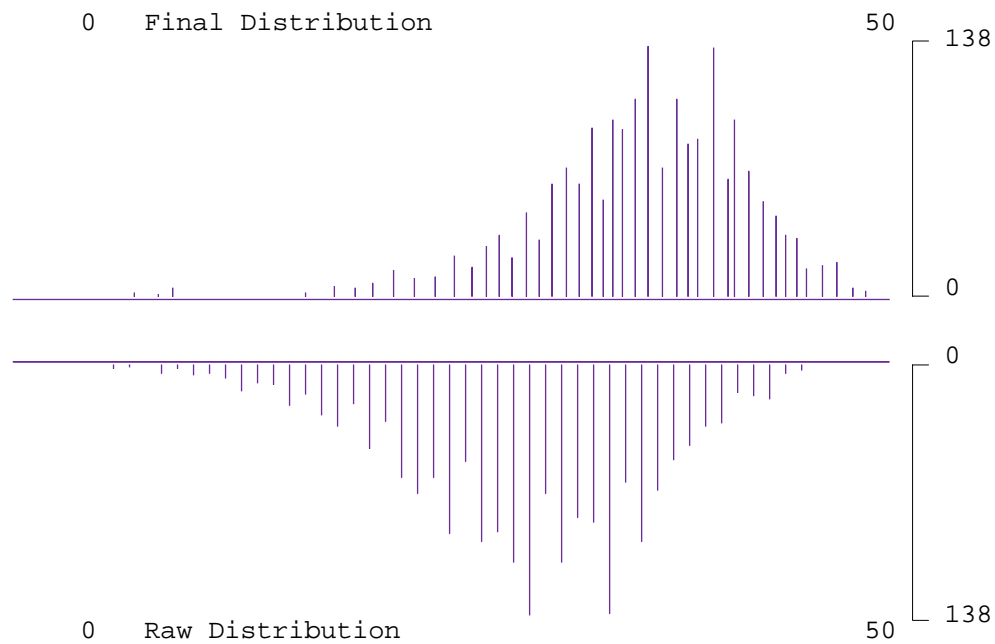


Higher School Certificate Examination 1999

Geography - 3 unit - 20671

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	28.83	30.82	36.30	Candidature: 1973	
Std.Devn	7.46	6.78	6.12		
Minimum	3.00	2.60	4.30		
Median	29.00	31.00	36.40		
Maximum	46.00	46.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	124	6.28	124	6.28	46.5 - 50.0
35 - 44.9	1062	53.83	1186	60.11	40.5 - 45.0
25 - 34.9	705	35.73	1891	95.84	29.5 - 35.0
15 - 24.9	75	3.80	1966	99.65	23.5 - 30.0
0 - 14.9	7	0.35	1973	100.00	17.5 - 25.0
					9.0 - 15.0
					0.0 - 0.0

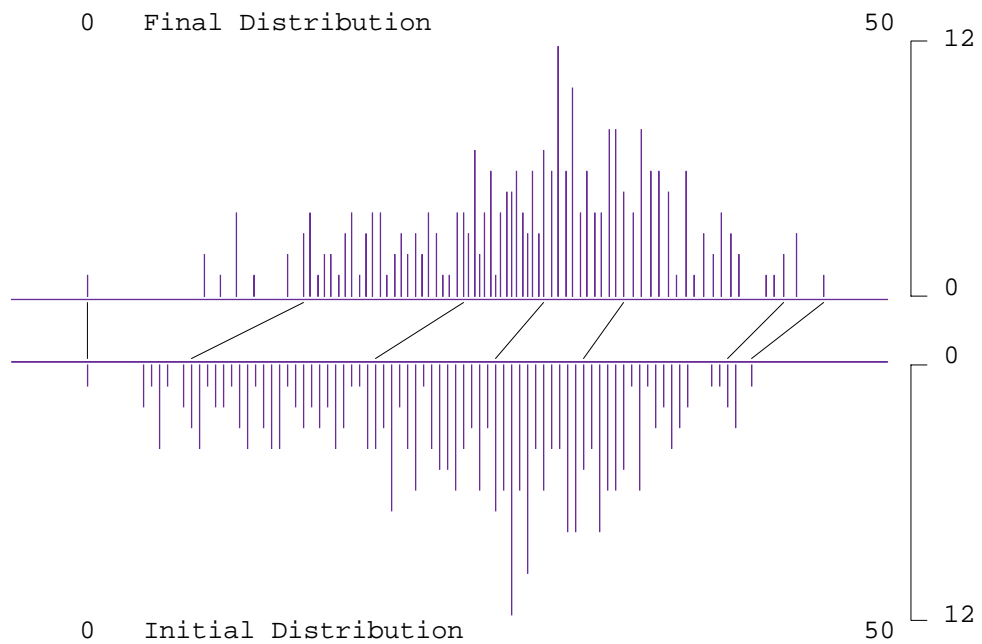


Higher School Certificate Examination 1999

Geology - 2 unit - 20280

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	50.21	25.11	29.09	Candidature: 271	
Std.Devn	18.33	9.17	8.04		
Minimum	3.00	1.50	1.50		
Median	54.00	27.00	30.00		
Maximum	86.00	43.00	47.50		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	43.0 - 47.5
45 - 50.0	6	2.21	6	2.21	41.5 - 45.0
35 - 44.9	58	21.40	64	23.62	32.5 - 35.0
25 - 34.9	138	50.92	202	74.54	27.0 - 30.0
15 - 24.9	58	21.40	260	95.94	19.5 - 25.0
0 - 14.9	11	4.06	271	100.00	8.0 - 15.0
					1.5 - 1.5

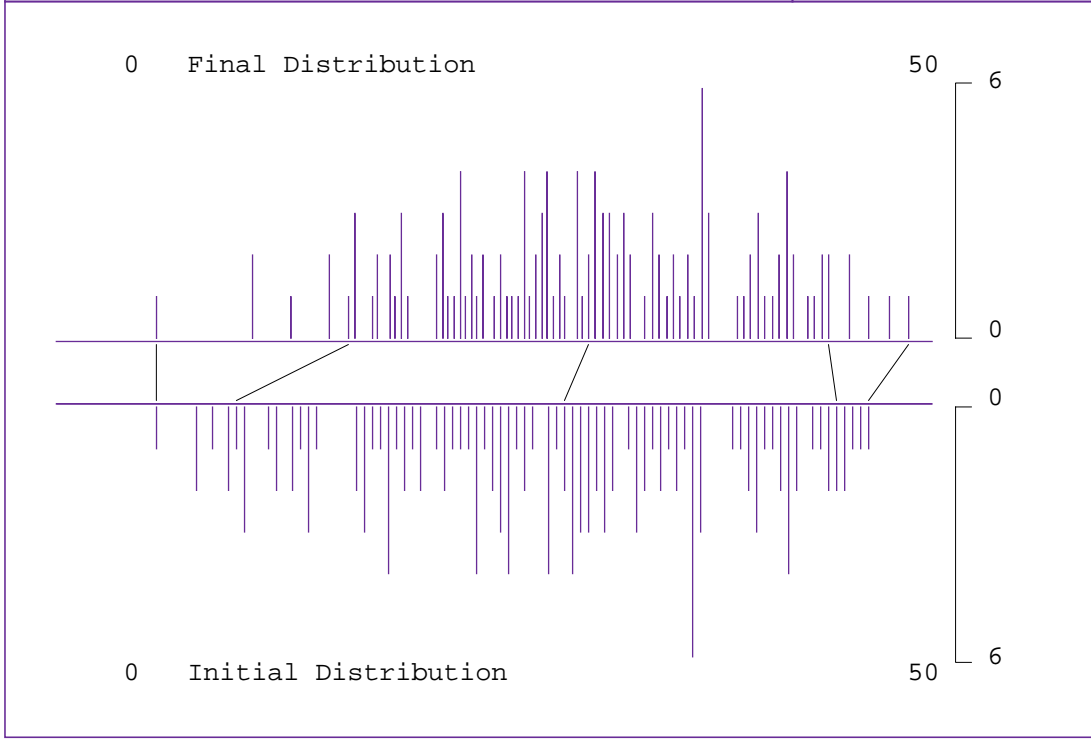


Higher School Certificate Examination 1999

German Z - 2 unit - 21290

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	55.34	27.67	29.96	Candidature: 135
Std.Devn	22.68	11.34	9.52	
Minimum	6.00	3.00	3.00	Mapping Points Initial - Final
Median	57.00	28.50	30.00	
Maximum	95.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				45.5 - 45.0
				28.5 - 30.0
				8.0 - 15.0
				3.0 - 3.0

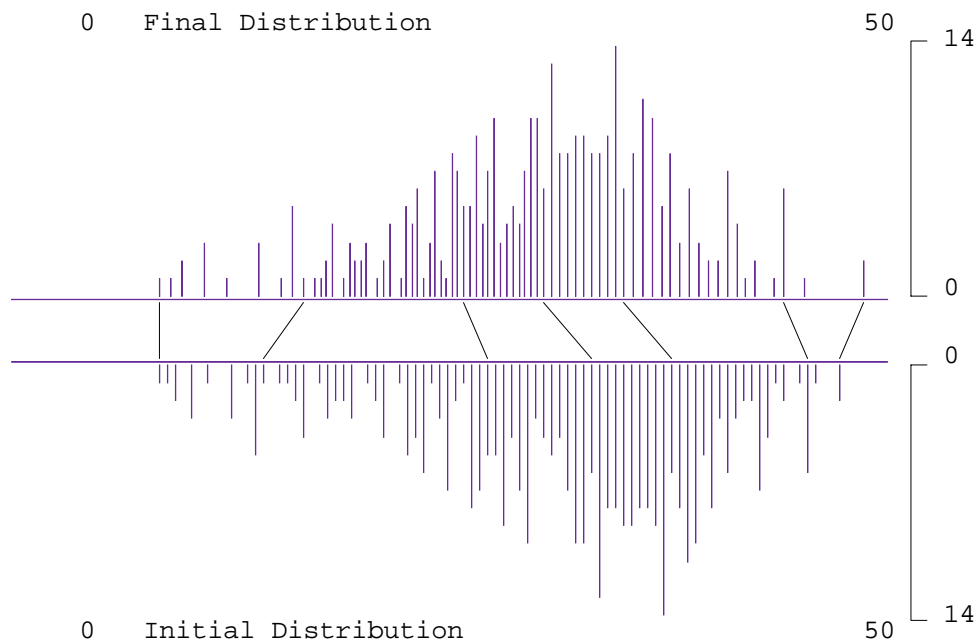


Higher School Certificate Examination 1999

German (General) - 2 unit - 21291

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	62.78	31.39	29.56	Candidature: 352	
Std.Devn	17.92	8.96	7.89		
Minimum	12.00	6.00	6.00		
Median	66.00	33.00	30.00		
Maximum	97.00	48.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	9	2.56	9	2.56	48.5 - 50.0
35 - 44.9	79	22.44	88	25.00	46.5 - 45.0
25 - 34.9	175	49.72	263	74.72	38.0 - 35.0
15 - 24.9	72	20.45	335	95.17	33.0 - 30.0
0 - 14.9	17	4.83	352	100.00	26.5 - 25.0
					12.5 - 15.0
					6.0 - 6.0

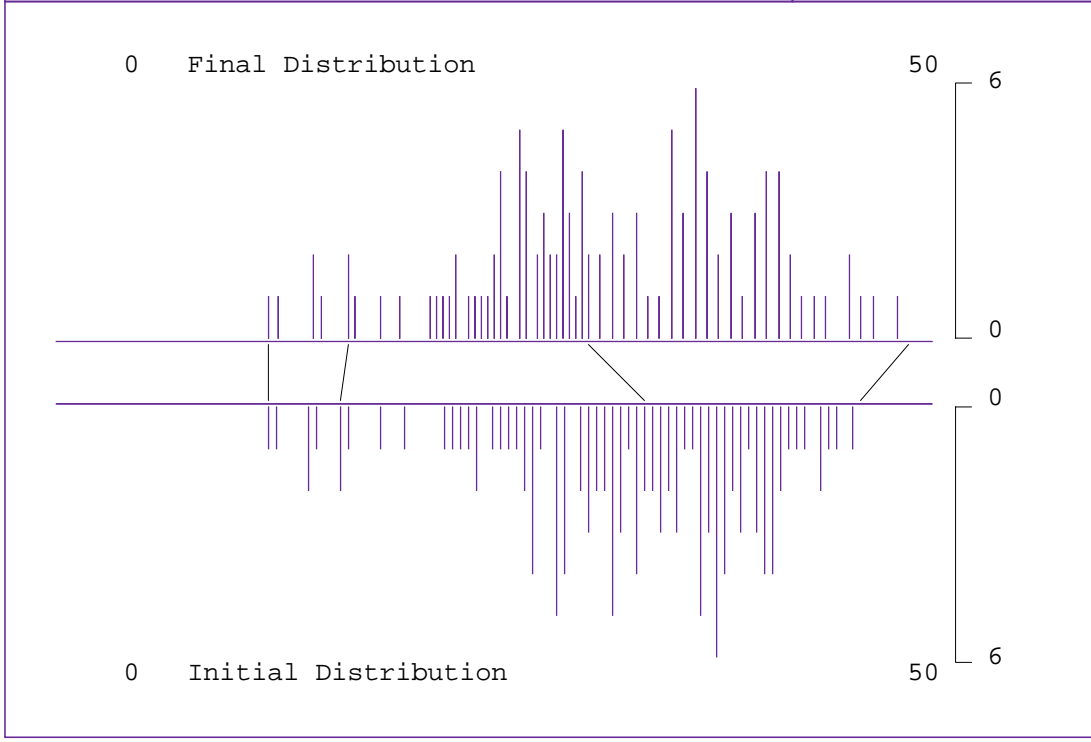


Higher School Certificate Examination 1999

German - 2/3 unit - 21292

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	64.84	32.42	30.99	Candidature: 117
Std.Devn	16.46	8.23	8.62	
Minimum	20.00	10.00	10.00	Mapping Points Initial - Final
Median	67.00	33.50	30.00	
Maximum	93.00	46.50	49.30	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.0 - 50.0
				33.5 - 30.0
				14.5 - 15.0
				10.0 - 10.0

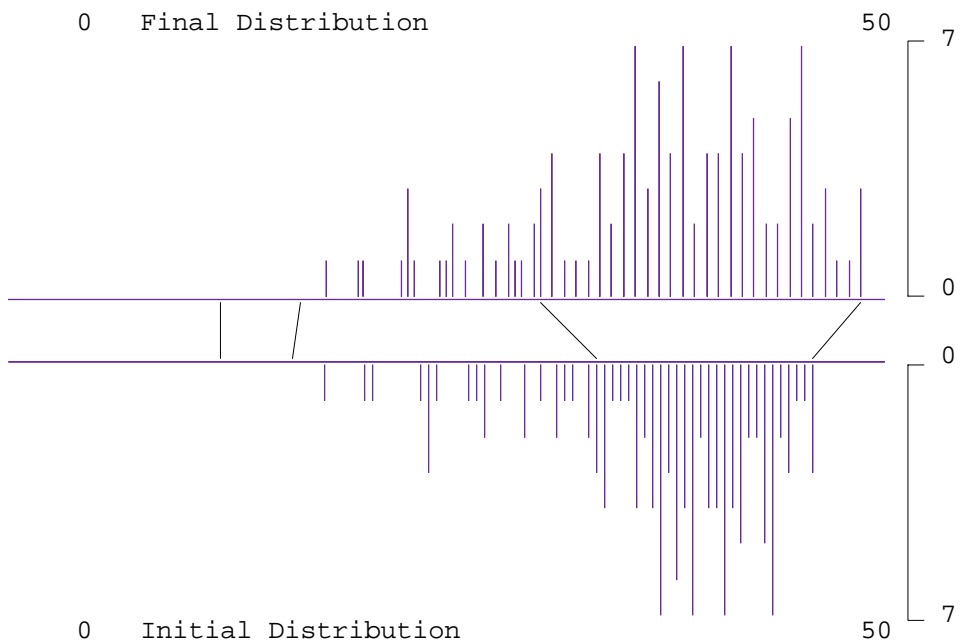


Higher School Certificate Examination 1999

German - 2/3 unit - 21292

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	75.53	37.76	37.21	Candidature: 121
Std.Devn	13.07	6.53	7.83	
Minimum	33.00	16.50	16.60	Mapping Points Initial - Final
Median	78.00	39.00	38.10	
Maximum	94.00	47.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				Initial - Final
				47.0 - 50.0
				33.5 - 30.0
				14.5 - 15.0
				10.0 - 10.0

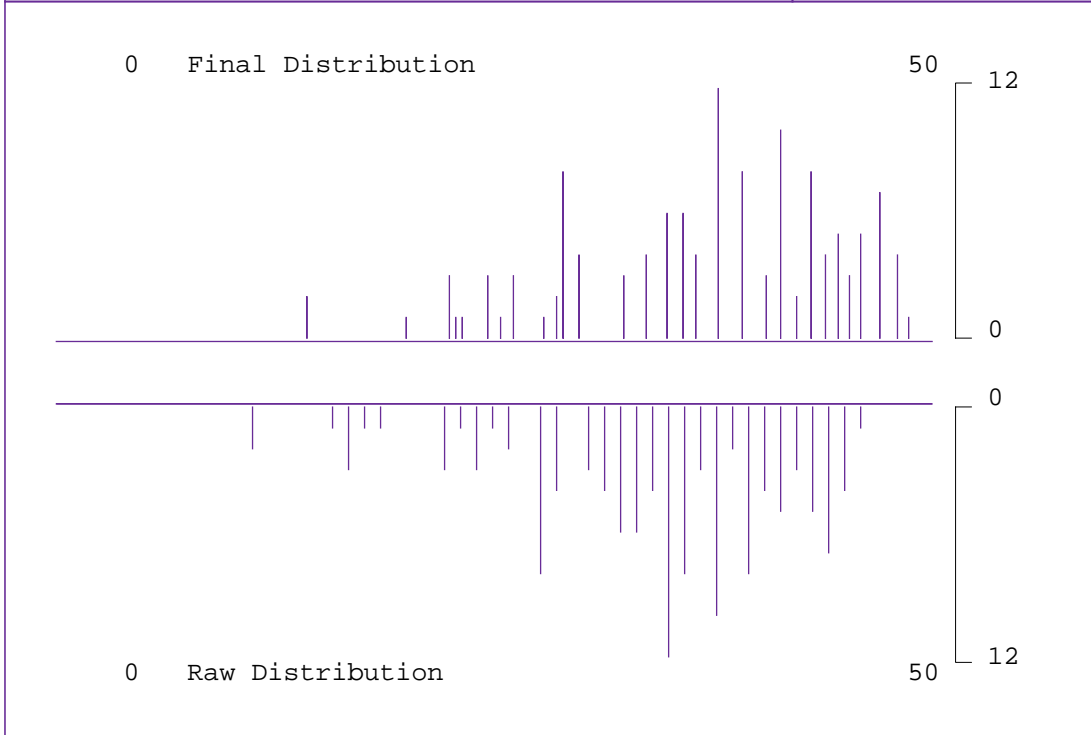


Higher School Certificate Examination 1999

German - 3 unit - 21293

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	34.18	37.80	37.39	Candidature: 125
Std.Devn	8.34	7.12	8.44	
Minimum	9.00	12.20	12.40	Mapping Points Initial - Final
Median	35.00	39.00	38.10	
Maximum	47.00	47.00	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				47.0 - 50.0
				33.5 - 30.0
				14.5 - 15.0
				10.0 - 10.0

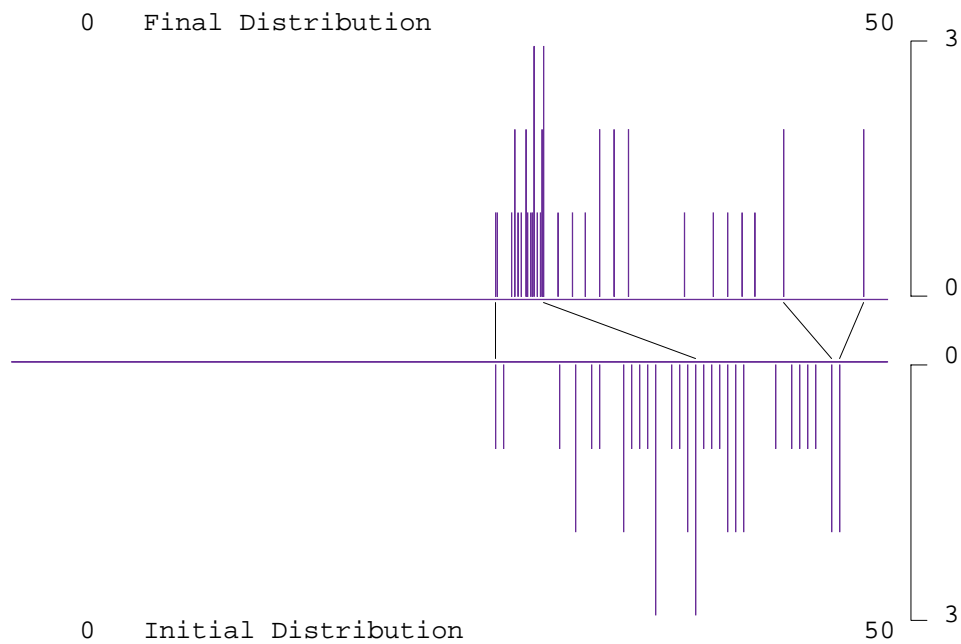


Higher School Certificate Examination 1999

Hebrew (General) - 2 unit - 21301

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	78.70	39.35	33.41	Candidature: 40
Std.Devn	11.04	5.52	6.33	
Minimum	54.00	27.00	27.00	Mapping Points Initial - Final
Median	79.00	39.50	30.00	
Maximum	97.00	48.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				48.0 - 45.0
				39.5 - 30.0
				27.0 - 27.0

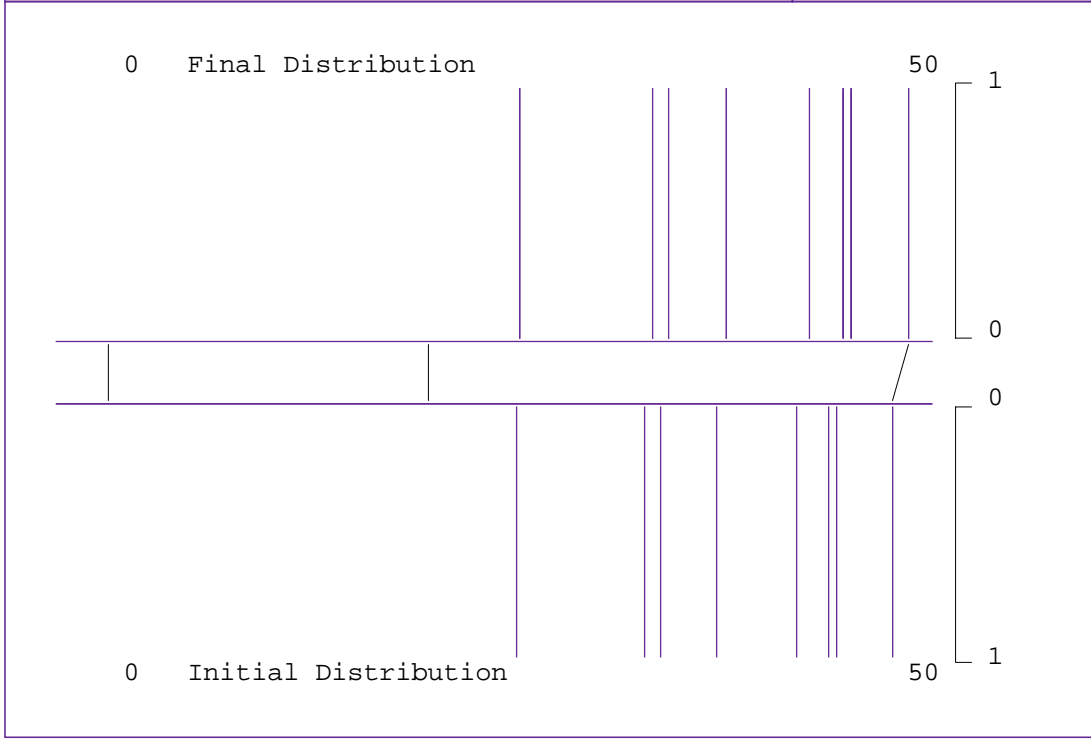


Higher School Certificate Examination 1999

Hebrew - 2/3 unit - 21302

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	78.50	39.25	39.93	Candidature: 8
Std.Devn	14.62	7.31	7.56	
Minimum	51.00	25.50	25.70	Mapping Points Initial - Final
Median	86.00	43.00	43.80	
Maximum	98.00	49.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				20.0 - 20.0
				0.0 - 0.0

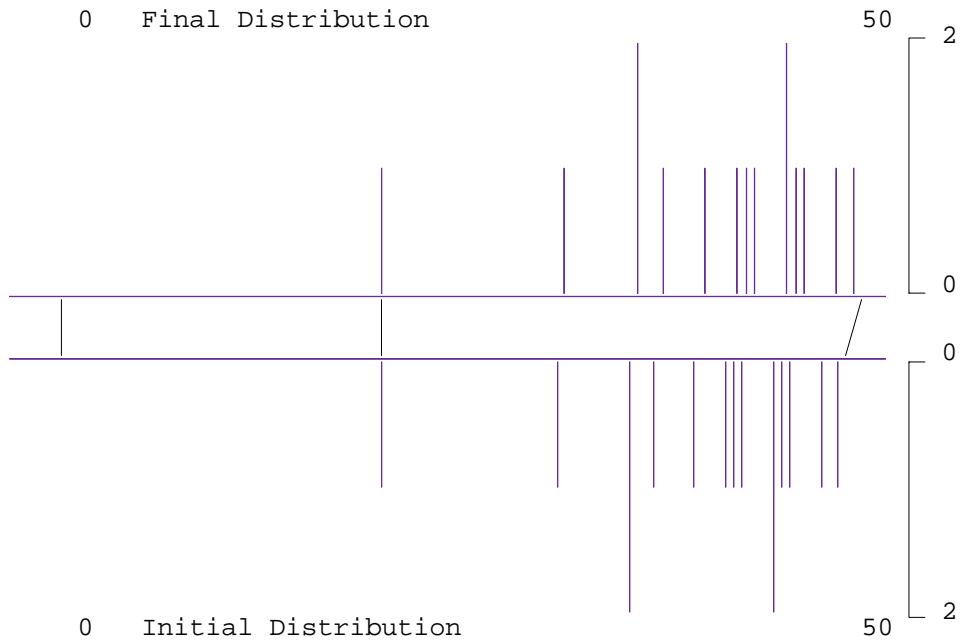


Higher School Certificate Examination 1999

Hebrew - 2/3 unit - 21302

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	80.00	40.00	40.69	Candidature: 15
Std.Devn	14.31	7.15	7.40	
Minimum	40.00	20.00	20.00	Mapping Points Initial - Final
Median	84.00	42.00	42.80	
Maximum	97.00	48.50	49.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.0 - 50.0
				20.0 - 20.0
				0.0 - 0.0

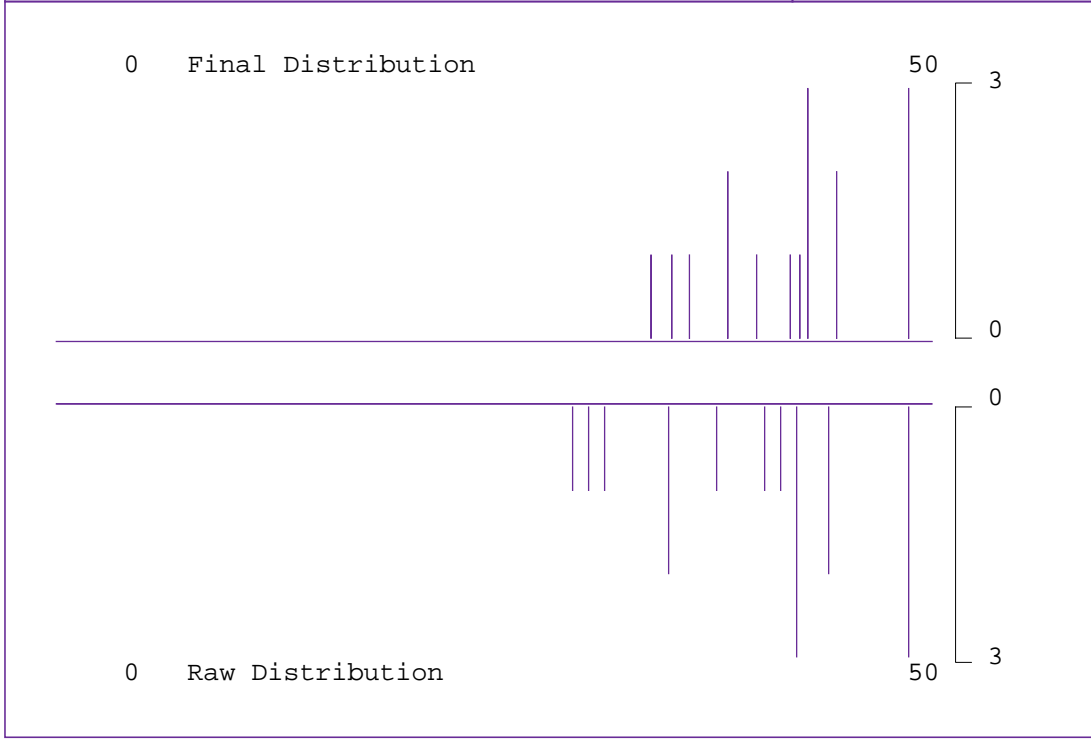


Higher School Certificate Examination 1999

Hebrew - 3 unit - 21303

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	40.63	41.44	42.58	Candidature: 16
Std.Devn	6.76	4.69	4.94	
Minimum	29.00	33.20	33.90	Mapping Points Initial - Final
Median	43.00	42.50	43.70	
Maximum	50.00	48.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				20.0 - 20.0
				0.0 - 0.0



Higher School Certificate Examination 1999

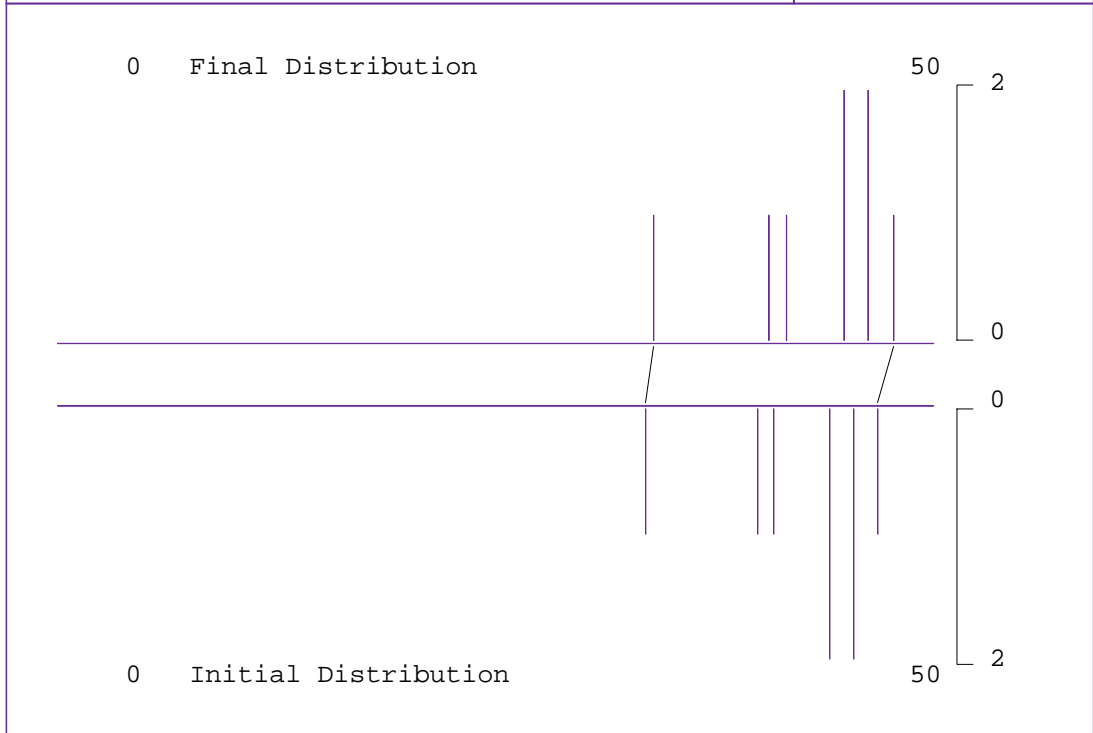
Hindi - 2 unit - 21305

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	Candidature: 8
Mean	86.63	43.31	44.14	
Std.Devn	8.82	4.41	4.55	
Minimum	67.00	33.50	34.00	
Median	90.00	45.00	45.90	
Maximum	96.00	48.00	49.00	

Mapping Points	
Initial	Final
48.0	- 49.0
33.5	- 34.0

Cumulative frequency proportions are not reported for this scaling model.

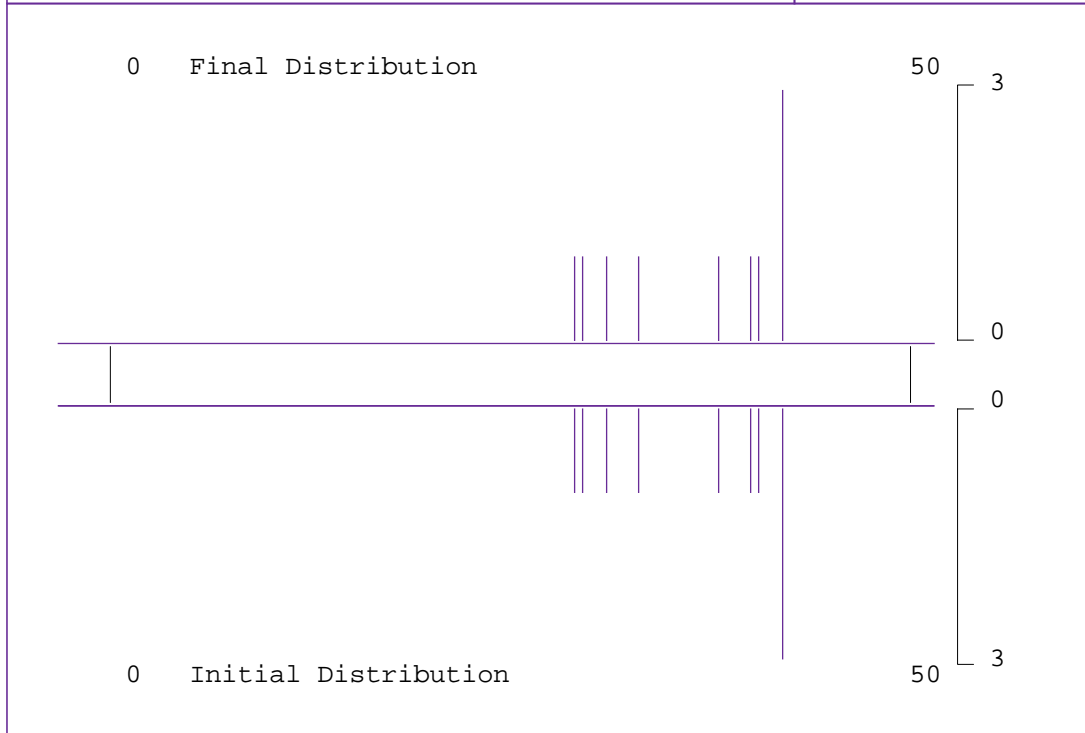


Higher School Certificate Examination 1999

Hungarian - 2 unit - 21310

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	73.40	36.70	36.70	Candidature: 10
Std.Devn	10.37	5.18	5.18	
Minimum	58.00	29.00	29.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	80.00	40.00	40.00	
Maximum	84.00	42.00	42.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

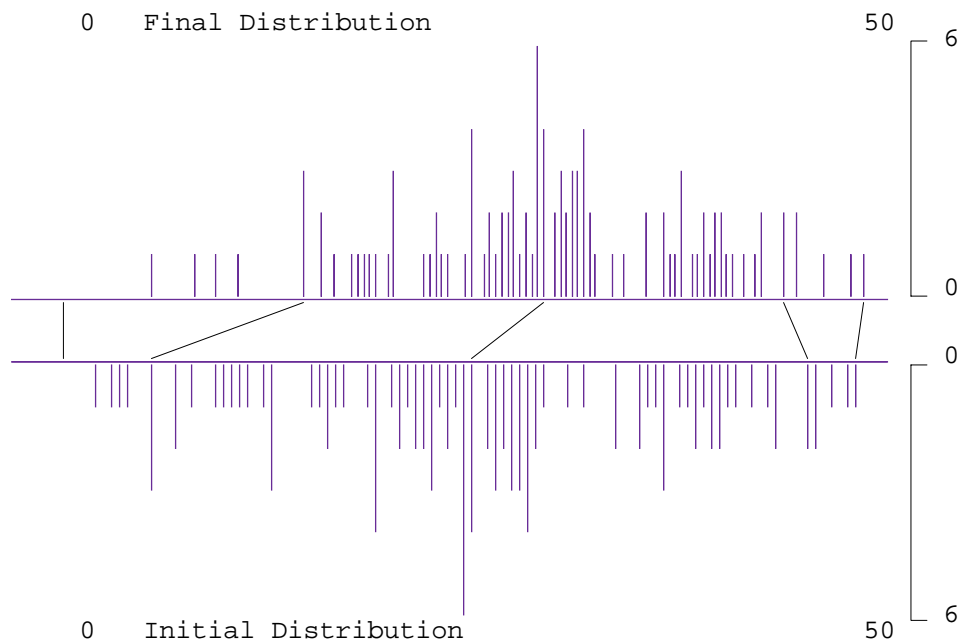


Higher School Certificate Examination 1999

Indonesian Z - 2 unit - 21320

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	52.74	26.37	30.37	Candidature: 108
Std.Devn	23.76	11.88	9.21	
Minimum	4.00	2.00	5.50	Mapping Points Initial - Final
Median	51.00	25.50	30.00	
Maximum	99.00	49.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.5 - 50.0
				46.5 - 45.0
				25.5 - 30.0
				5.5 - 15.0
				0.0 - 0.0

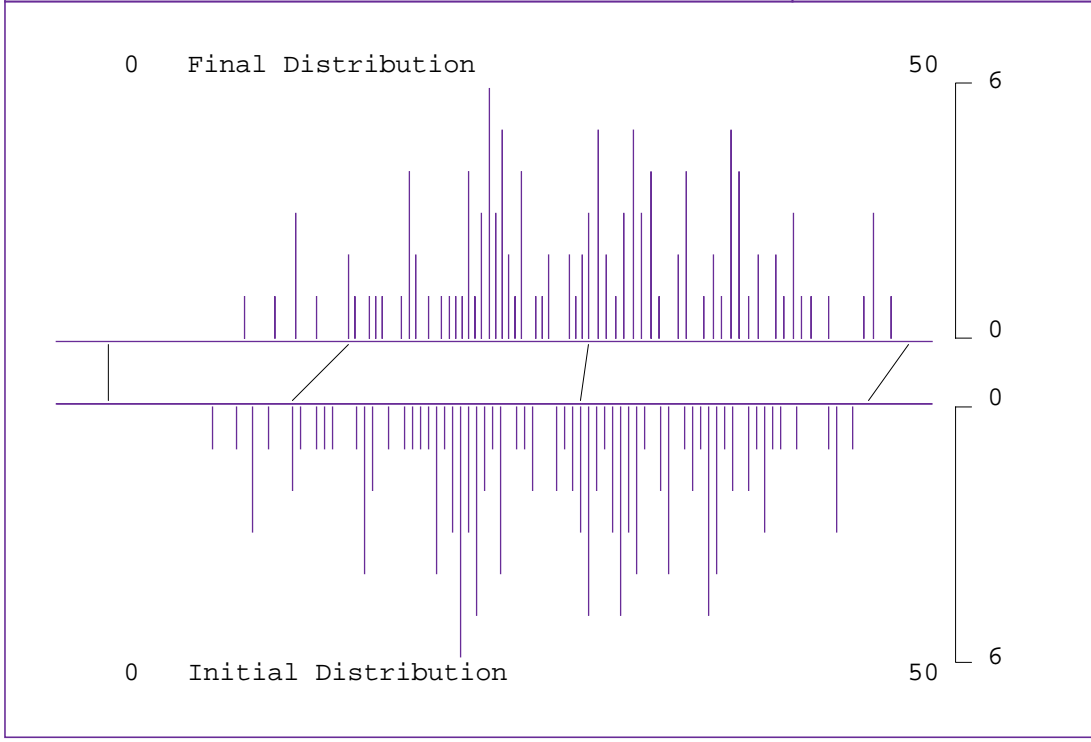


Higher School Certificate Examination 1999

Indonesian - 2/3 unit - 21322

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	55.82	27.91	29.50	Candidature: 125
Std.Devn	19.02	9.51	9.14	
Minimum	13.00	6.50	8.50	Mapping Points Initial - Final
Median	59.00	29.50	30.00	
Maximum	93.00	46.50	48.90	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				29.5 - 30.0
				11.5 - 15.0
				0.0 - 0.0

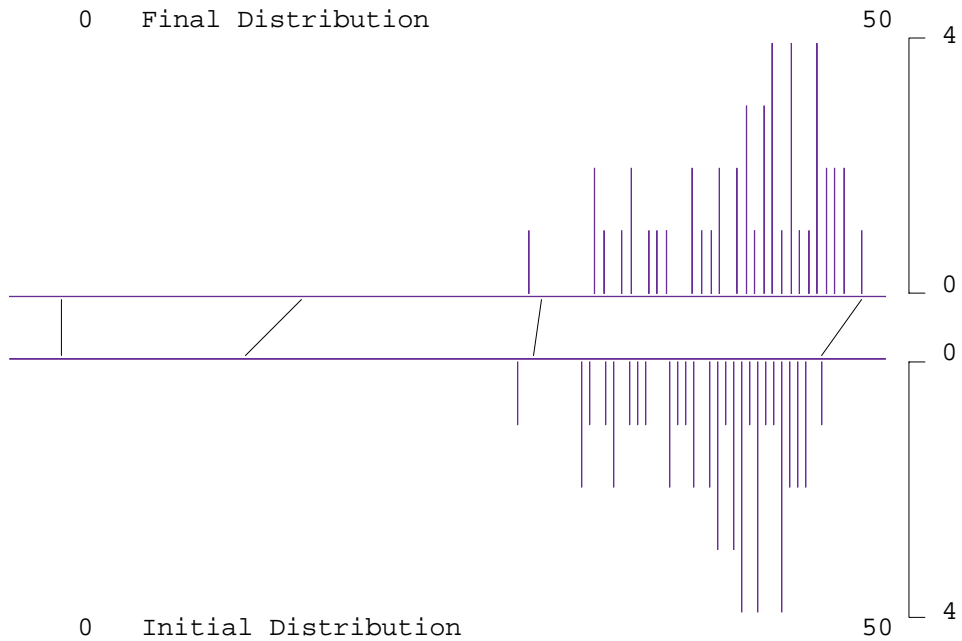


Higher School Certificate Examination 1999

Indonesian - 2/3 unit - 21322

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	81.72	40.86	42.63	Candidature: 47
Std.Devn	8.88	4.44	4.91	
Minimum	57.00	28.50	29.20	Mapping Points Initial - Final
Median	84.00	42.00	43.90	
Maximum	95.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				29.5 - 30.0
				11.5 - 15.0
				0.0 - 0.0

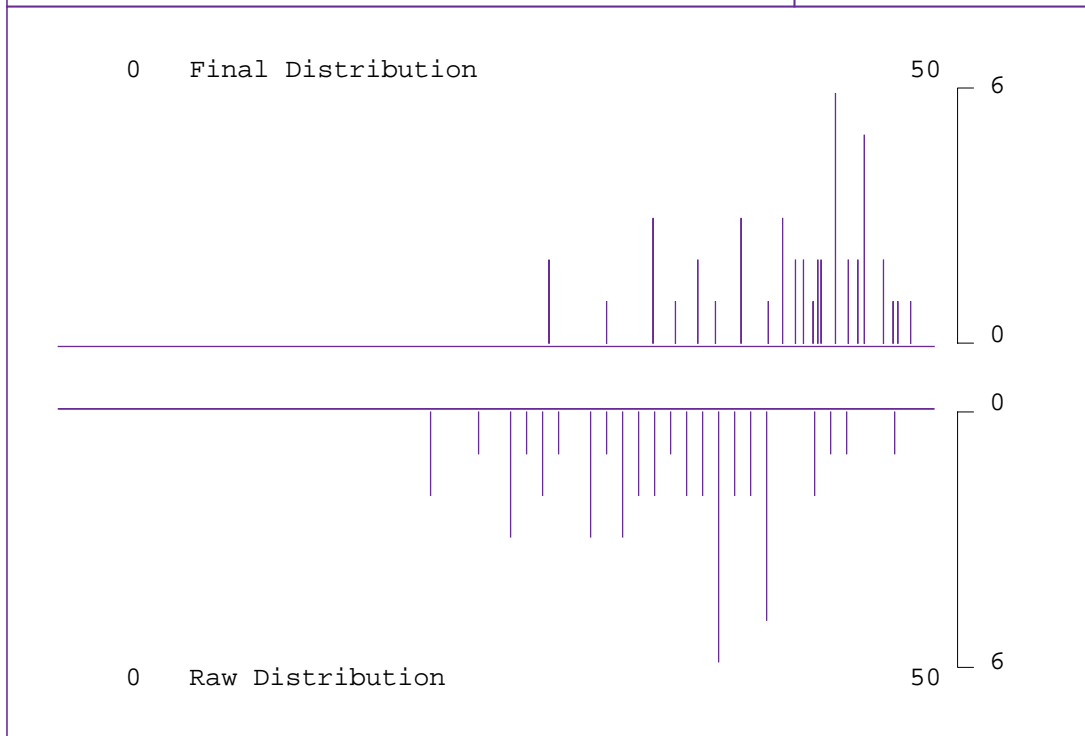


Higher School Certificate Examination 1999

Indonesian - 3 unit - 21323

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	34.72	40.63	42.40	Candidature: 46
Std.Devn	6.89	5.10	5.56	
Minimum	20.00	26.40	27.40	Mapping Points Initial - Final
Median	36.00	42.30	44.20	
Maximum	49.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				29.5 - 30.0
				11.5 - 15.0
				0.0 - 0.0

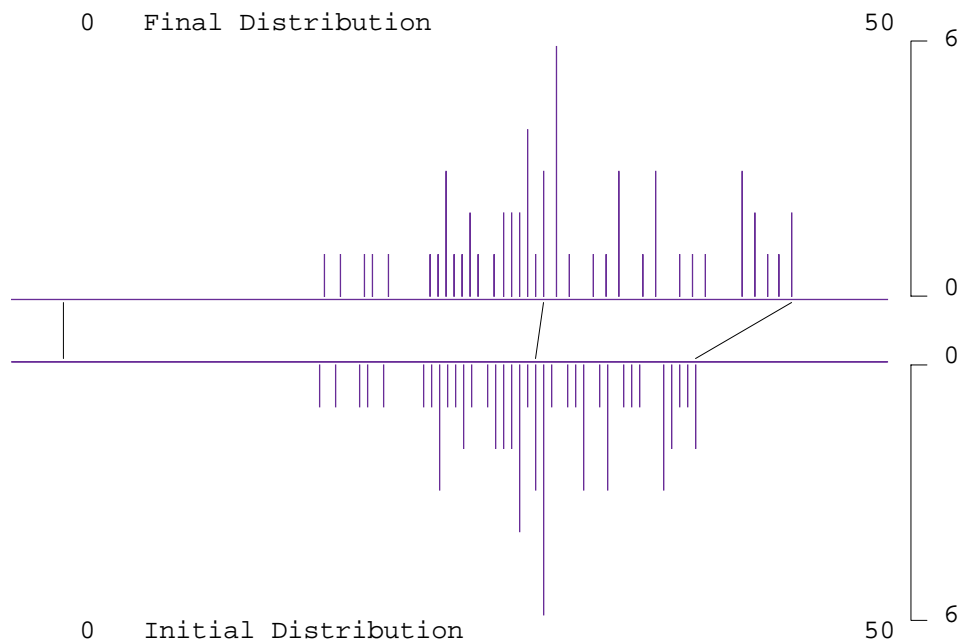


Higher School Certificate Examination 1999

Indonesian (BS) - 2/3 unit - 21324

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	59.03	29.52	31.25	Candidature: 58
Std.Devn	11.57	5.79	7.43	
Minimum	32.00	16.00	16.30	Mapping Points Initial - Final
Median	59.00	29.50	30.00	
Maximum	79.00	39.50	45.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				39.5 - 45.5
				29.5 - 30.0
				0.0 - 0.0

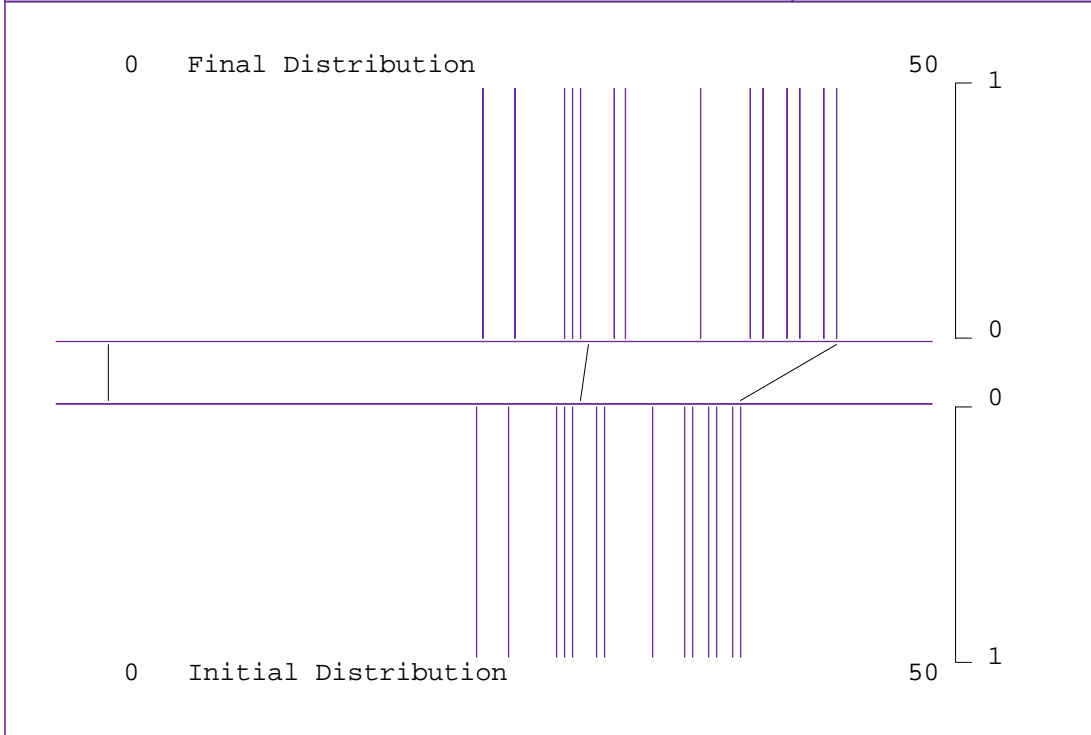


Higher School Certificate Examination 1999

Indonesian (BS) - 2/3 unit - 21324

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	65.07	32.54	35.25	Candidature: 14
Std.Devn	10.40	5.20	7.29	
Minimum	46.00	23.00	23.40	Mapping Points Initial - Final
Median	68.00	34.00	37.00	
Maximum	79.00	39.50	45.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				39.5 - 45.5
				29.5 - 30.0
				0.0 - 0.0

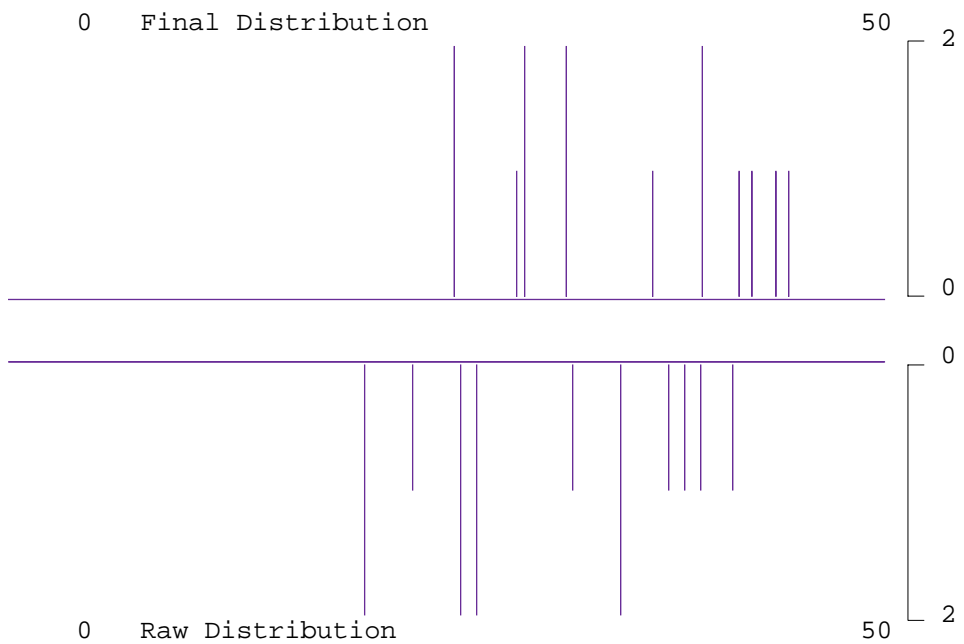


Higher School Certificate Examination 1999

Indonesian (BS) - 3 unit - 21325

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	30.21	32.46	35.14	Candidature: 14
Std.Devn	7.70	5.15	7.25	
Minimum	19.00	24.20	24.60	Mapping Points Initial - Final
Median	32.00	34.00	37.00	
Maximum	42.00	39.50	45.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				39.5 - 45.5
				29.5 - 30.0
				0.0 - 0.0

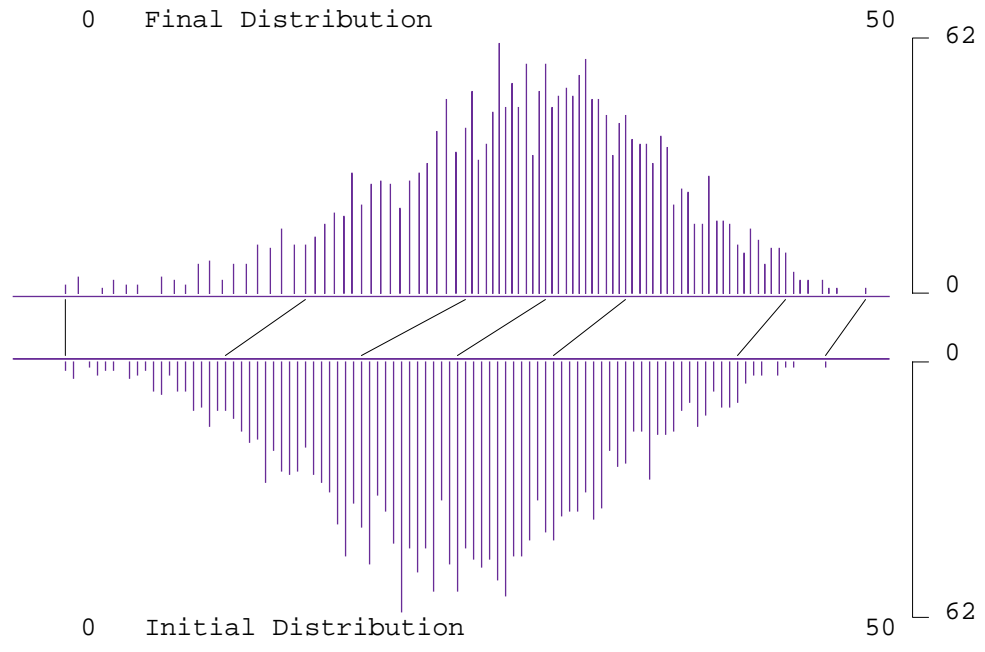


Higher School Certificate Examination 1999

Industrial Technology - 2 unit - 21860

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	48.40	24.20	29.30	Candidature: 2248	
Std.Devn	16.89	8.44	8.01		
Minimum	0.00	0.00	0.00		
Median	49.00	24.50	30.00		
Maximum	95.00	47.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	27	1.20	27	1.20	47.5 - 50.0
35 - 44.9	532	23.67	559	24.87	42.0 - 45.0
25 - 34.9	1133	50.40	1692	75.27	30.5 - 35.0
15 - 24.9	450	20.02	2142	95.28	24.5 - 30.0
0 - 14.9	106	4.72	2248	100.00	18.5 - 25.0
					10.0 - 15.0
					0.0 - 0.0

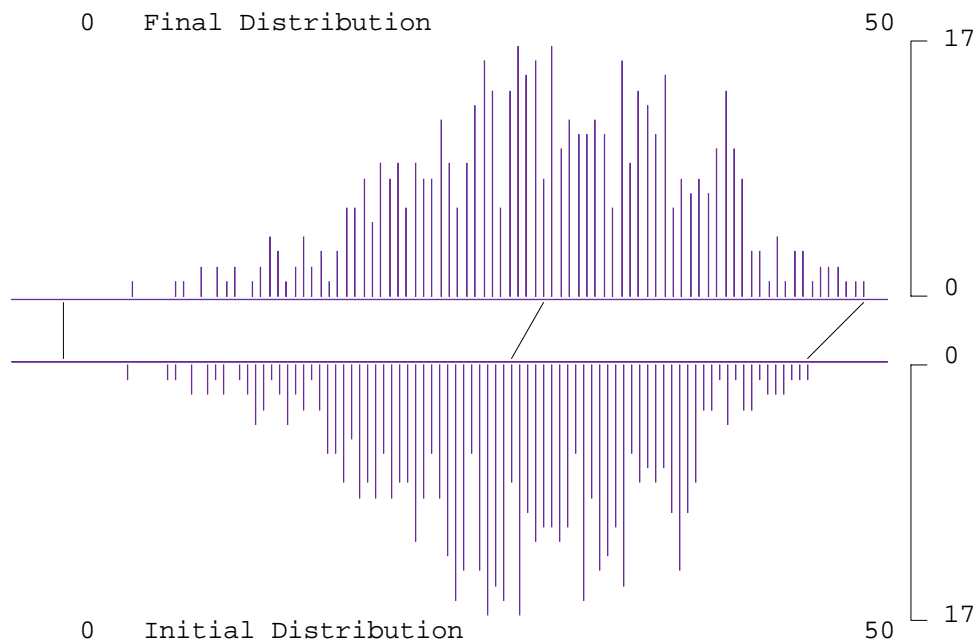


Higher School Certificate Examination 1999

Industry Studies - Retail - 2 unit - 20675

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	56.24	28.12	30.17	Candidature: 547	
Std.Devn	15.89	7.94	8.55		
Minimum	8.00	4.00	4.30		
Median	57.00	28.50	30.50		
Maximum	93.00	46.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	46.5 - 50.0
45 - 50.0	17	3.11	17	3.11	28.0 - 30.0
35 - 44.9	151	27.61	168	30.71	0.0 - 0.0
25 - 34.9	234	42.78	402	73.49	
15 - 24.9	122	22.30	524	95.80	
0 - 14.9	23	4.20	547	100.00	

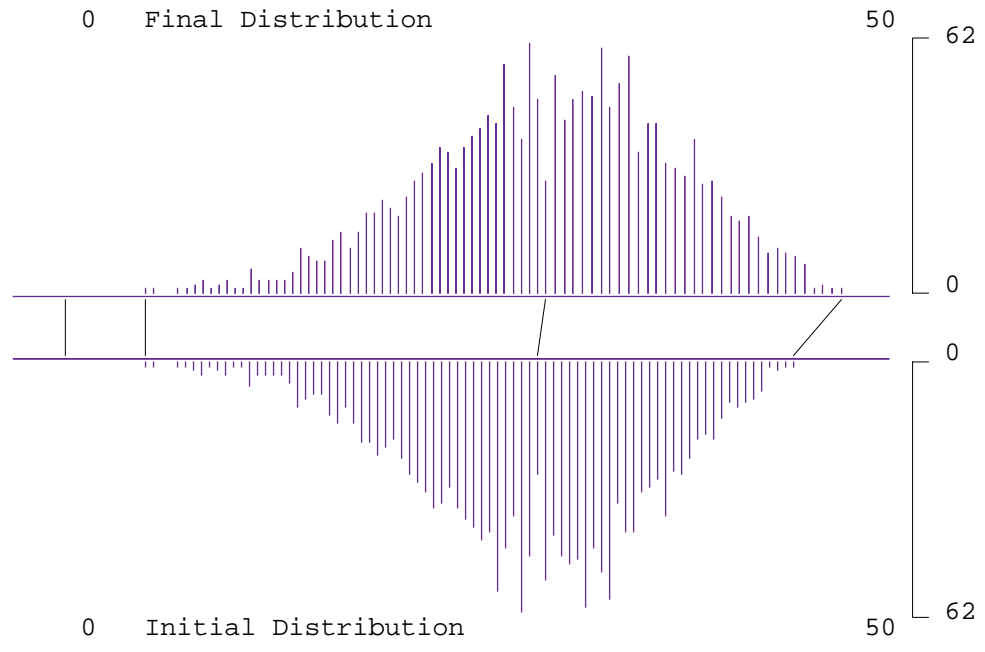


Higher School Certificate Examination 1999

Industry Studies - Hospitality - 2 unit - 21865

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	58.25	29.13	29.98	Candidature: 1842	
Std.Devn	14.13	7.06	7.63		
Minimum	10.00	5.00	5.00		
Median	59.00	29.50	30.00		
Maximum	91.00	45.50	48.50		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	45.5 - 48.5
45 - 50.0	21	1.14	21	1.14	29.5 - 30.0
35 - 44.9	488	26.49	509	27.63	5.0 - 5.0
25 - 34.9	848	46.04	1357	73.67	0.0 - 0.0
15 - 24.9	434	23.56	1791	97.23	
0 - 14.9	51	2.77	1842	100.00	

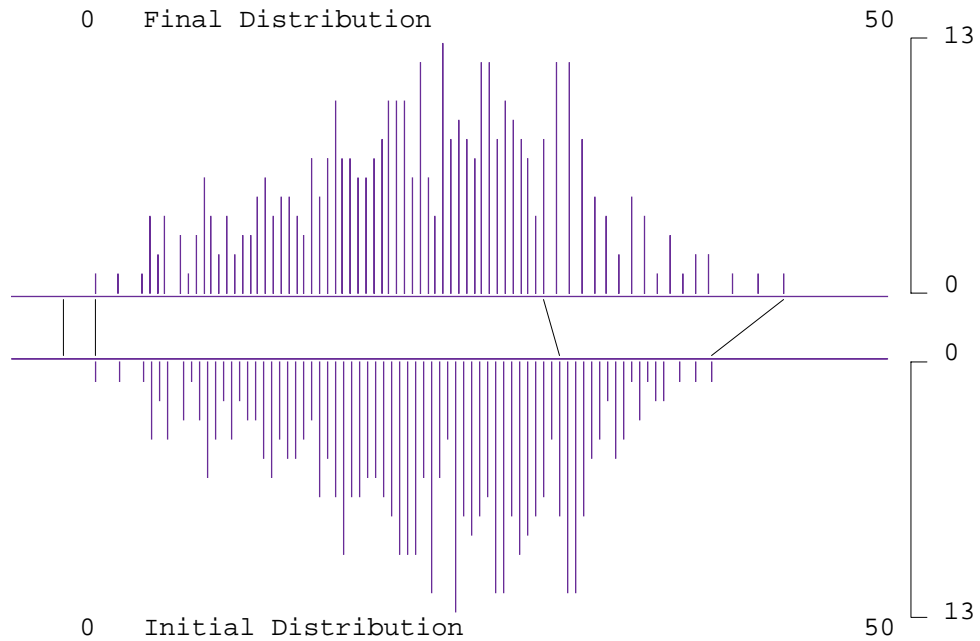


Higher School Certificate Examination 1999

Industry Studies - Metal and Engineering - 2 unit - 21866

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	45.62	22.81	22.35	Candidature: 391	
Std.Devn	15.81	7.90	8.07		
Minimum	4.00	2.00	2.00	Mapping Points Initial - Final	
Median	47.00	23.50	22.80		
Maximum	81.00	40.50	45.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	1	0.26	1	0.26	40.5 - 45.0
35 - 44.9	20	5.12	21	5.37	31.0 - 30.0
25 - 34.9	136	34.78	157	40.15	2.0 - 2.0
15 - 24.9	161	41.18	318	81.33	0.0 - 0.0
0 - 14.9	73	18.67	391	100.00	

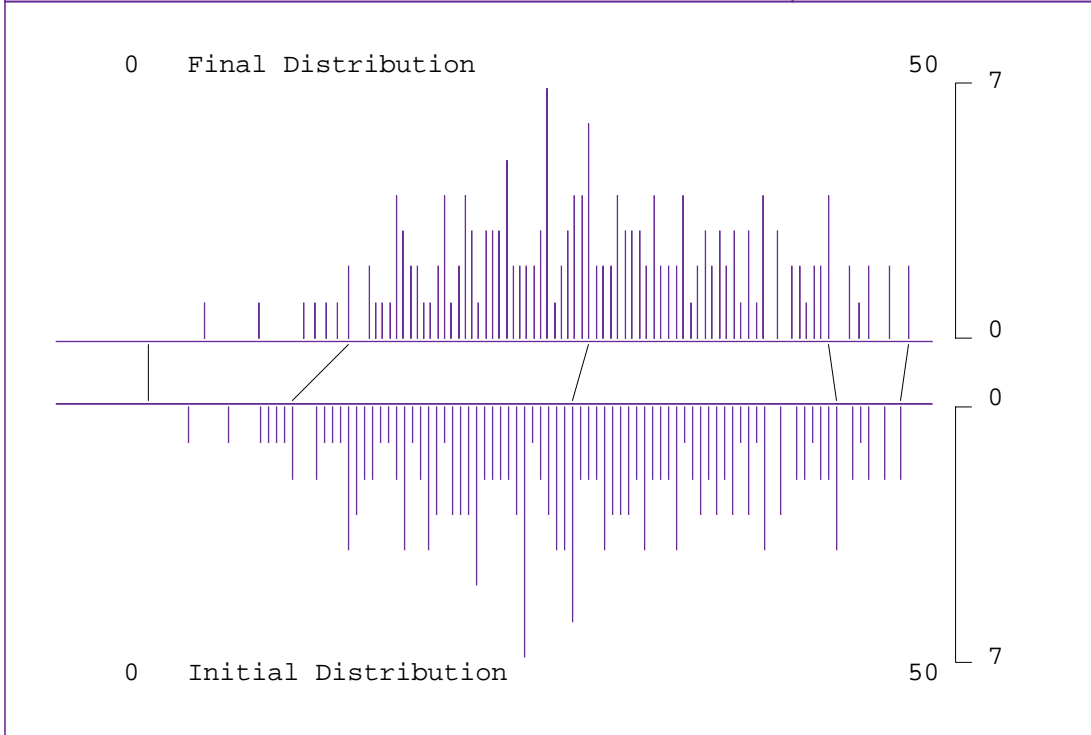


Higher School Certificate Examination 1999

Italian Z - 2 unit - 21330

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	58.36	29.18	30.37	Candidature: 180
Std.Devn	20.45	10.22	9.22	
Minimum	10.00	5.00	6.00	Mapping Points Initial - Final
Median	58.00	29.00	30.00	
Maximum	99.00	49.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				49.5 - 50.0
				45.5 - 45.0
				29.0 - 30.0
				11.5 - 15.0
				2.5 - 2.5

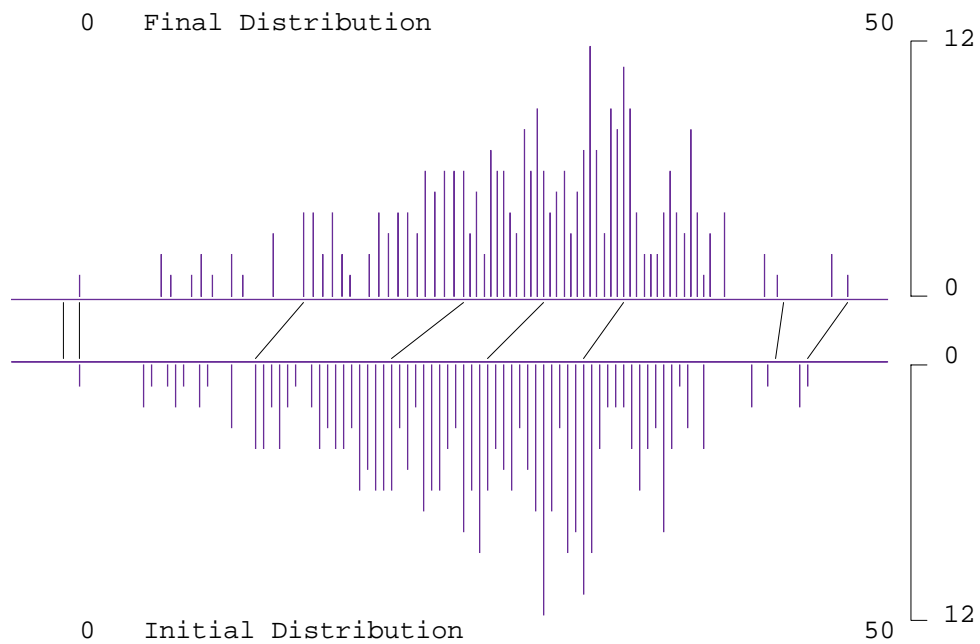


Higher School Certificate Examination 1999

Italian - 2/3 unit - 21332

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	52.23	26.11	29.18	Candidature: 287	
Std.Devn	17.08	8.54	8.12		
Minimum	2.00	1.00	1.00		
Median	53.00	26.50	30.00		
Maximum	93.00	46.50	49.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	3	1.05	3	1.05	46.5 - 49.0
35 - 44.9	70	24.39	73	25.44	44.5 - 45.0
25 - 34.9	140	48.78	213	74.22	32.5 - 35.0
15 - 24.9	60	20.91	273	95.12	26.5 - 30.0
0 - 14.9	14	4.88	287	100.00	20.5 - 25.0
					12.0 - 15.0
					1.0 - 1.0
					0.0 - 0.0

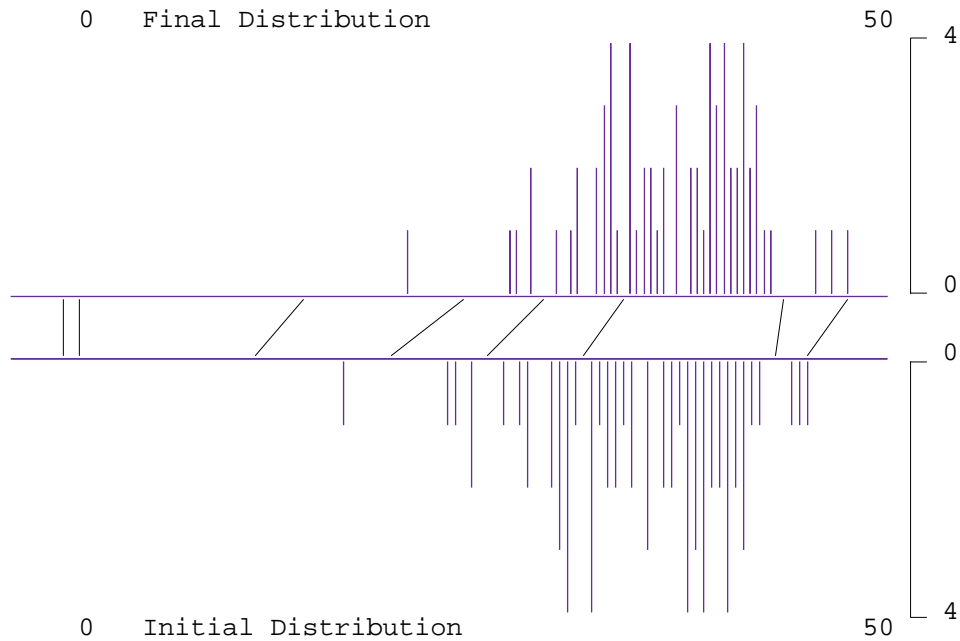


Higher School Certificate Examination 1999

Italian - 2/3 unit - 21332

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	72.06	36.03	38.01	Candidature: 68	
Std.Devn	11.70	5.85	5.06		
Minimum	35.00	17.50	21.50	Mapping Points Initial - Final	
Median	75.00	37.50	39.20		
Maximum	93.00	46.50	49.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	46.5 - 49.0
45 - 50.0	3	4.41	3	4.41	44.5 - 45.0
35 - 44.9	46	67.65	49	72.06	32.5 - 35.0
25 - 34.9	18	26.47	67	98.53	26.5 - 30.0
15 - 24.9	1	1.47	68	100.00	20.5 - 25.0
0 - 14.9	0	0.00	68	100.00	12.0 - 15.0
					1.0 - 1.0
					0.0 - 0.0

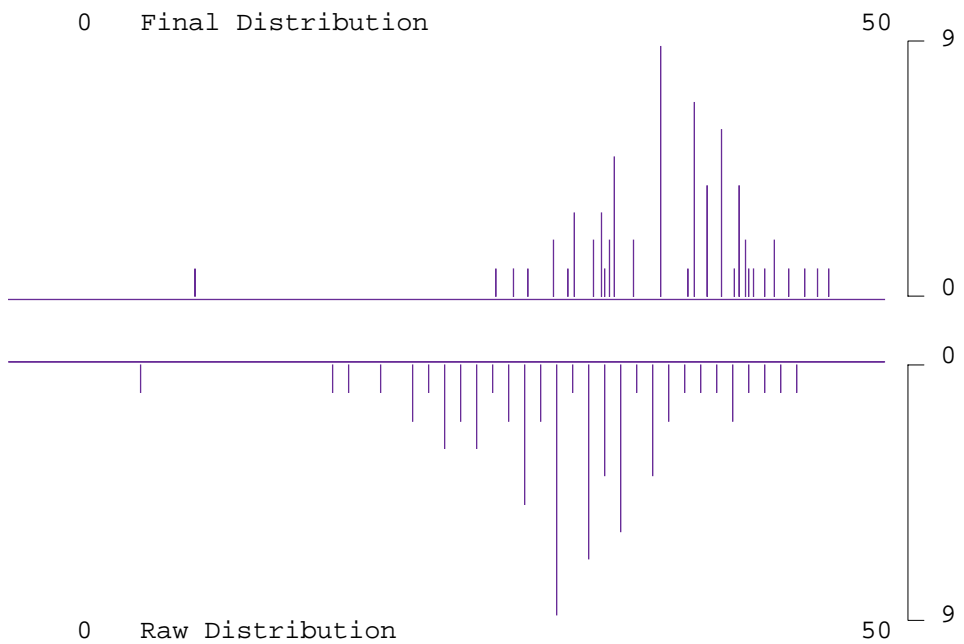


Higher School Certificate Examination 1999

Italian - 3 unit - 21333

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	31.54	35.79	37.73	Candidature: 68	
Std.Devn	7.04	6.54	5.89		
Minimum	5.00	6.80	8.40		
Median	32.00	37.50	39.20		
Maximum	46.00	46.50	48.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	46.5 - 48.0
45 - 50.0	4	5.88	4	5.88	44.5 - 45.0
35 - 44.9	41	60.29	45	66.18	32.5 - 35.0
25 - 34.9	22	32.35	67	98.53	26.5 - 30.0
15 - 24.9	0	0.00	67	98.53	20.5 - 25.0
0 - 14.9	1	1.47	68	100.00	12.0 - 15.0
					1.0 - 1.0
					0.0 - 0.0

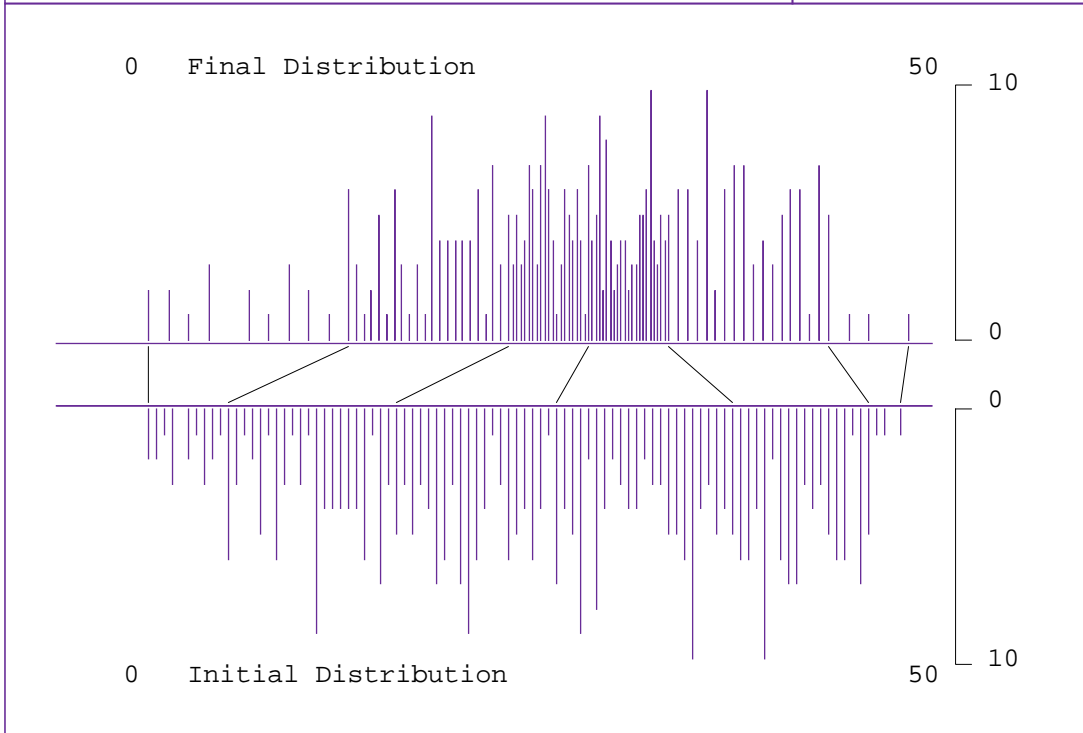


Higher School Certificate Examination 1999

Japanese Z - 2 unit - 21340

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	55.51	27.75	29.49	Candidature: 385	
Std.Devn	24.58	12.29	8.68		
Minimum	5.00	2.50	2.50		
Median	56.00	28.00	30.00		
Maximum	99.00	49.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	8	2.08	8	2.08	49.5 - 50.0
35 - 44.9	88	22.86	96	24.94	47.5 - 45.0
25 - 34.9	194	50.39	290	75.32	39.0 - 35.0
15 - 24.9	78	20.26	368	95.58	28.0 - 30.0
0 - 14.9	17	4.42	385	100.00	18.0 - 25.0
					7.5 - 15.0
					2.5 - 2.5

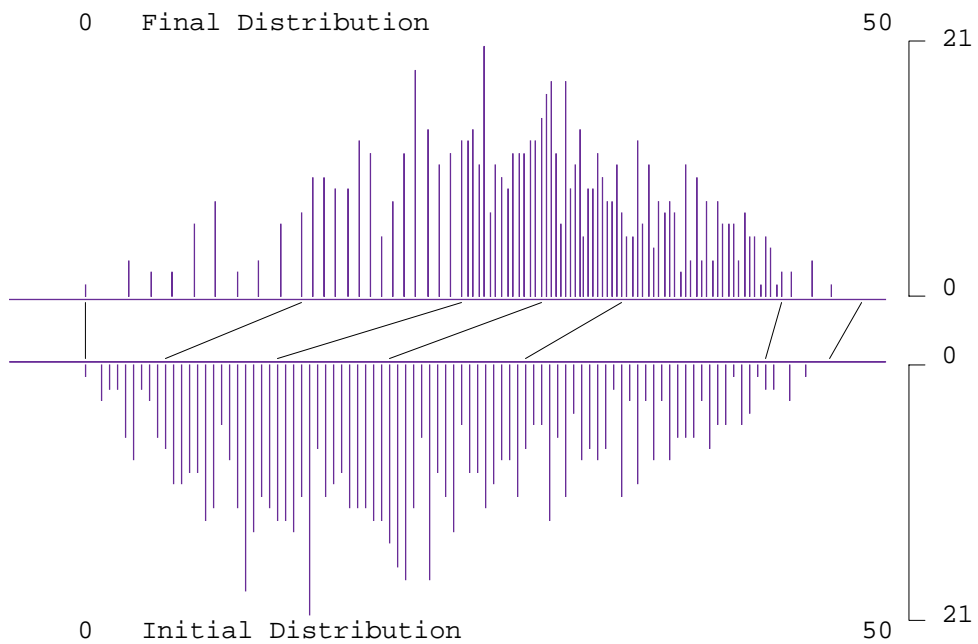


Higher School Certificate Examination 1999

Japanese - 2/3 unit - 21342

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	43.04	21.52	29.34	Candidature: 733	
Std.Devn	20.71	10.36	8.40		
Minimum	3.00	1.50	1.50	Mapping Points Initial - Final	
Median	41.00	20.50	30.00		
Maximum	93.00	46.50	48.10		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	8	1.09	8	1.09	48.0 - 50.0
35 - 44.9	178	24.28	186	25.38	44.0 - 45.0
25 - 34.9	363	49.52	549	74.90	29.0 - 35.0
15 - 24.9	151	20.60	700	95.50	20.5 - 30.0
0 - 14.9	33	4.50	733	100.00	13.5 - 25.0
					6.5 - 15.0
					1.5 - 1.5

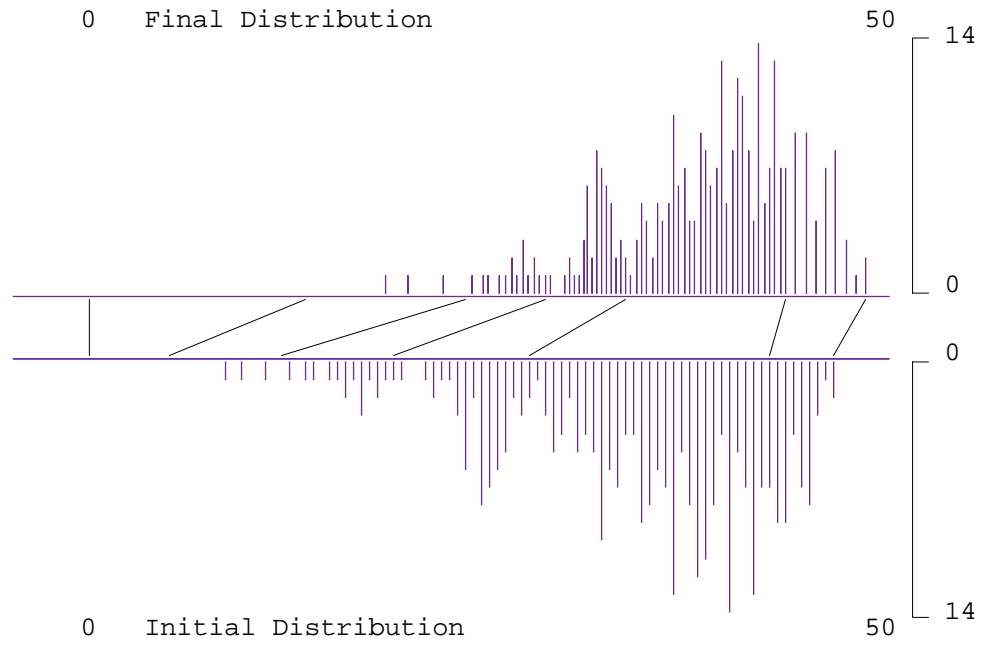


Higher School Certificate Examination 1999

Japanese - 2/3 unit - 21342

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	71.68	35.84	39.75	Candidature: 316	
Std.Devn	16.00	8.00	5.47		
Minimum	20.00	10.00	20.00		
Median	75.00	37.50	40.70		
Maximum	96.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	50	15.82	50	15.82	48.0 - 50.0
35 - 44.9	199	62.97	249	78.80	44.0 - 45.0
25 - 34.9	64	20.25	313	99.05	29.0 - 35.0
15 - 24.9	3	0.95	316	100.00	20.5 - 30.0
0 - 14.9	0	0.00	316	100.00	13.5 - 25.0
					6.5 - 15.0
					1.5 - 1.5

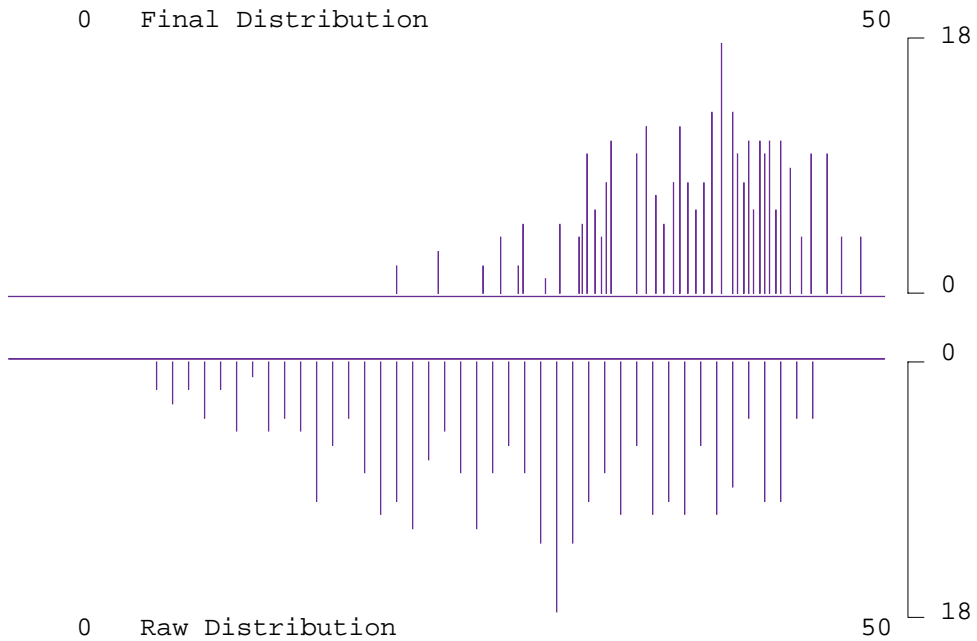


Higher School Certificate Examination 1999

Japanese - 3 unit - 21343

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	29.16	35.80	39.72	Candidature: 317	
Std.Devn	10.22	8.15	5.58		
Minimum	6.00	10.70	21.00	Mapping Points Initial - Final	
Median	30.00	37.50	40.70		
Maximum	47.00	48.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	52	16.40	52	16.40	48.0 - 50.0
35 - 44.9	193	60.88	245	77.29	44.0 - 45.0
25 - 34.9	67	21.14	312	98.42	29.0 - 35.0
15 - 24.9	5	1.58	317	100.00	20.5 - 30.0
0 - 14.9	0	0.00	317	100.00	13.5 - 25.0
					6.5 - 15.0
					1.5 - 1.5

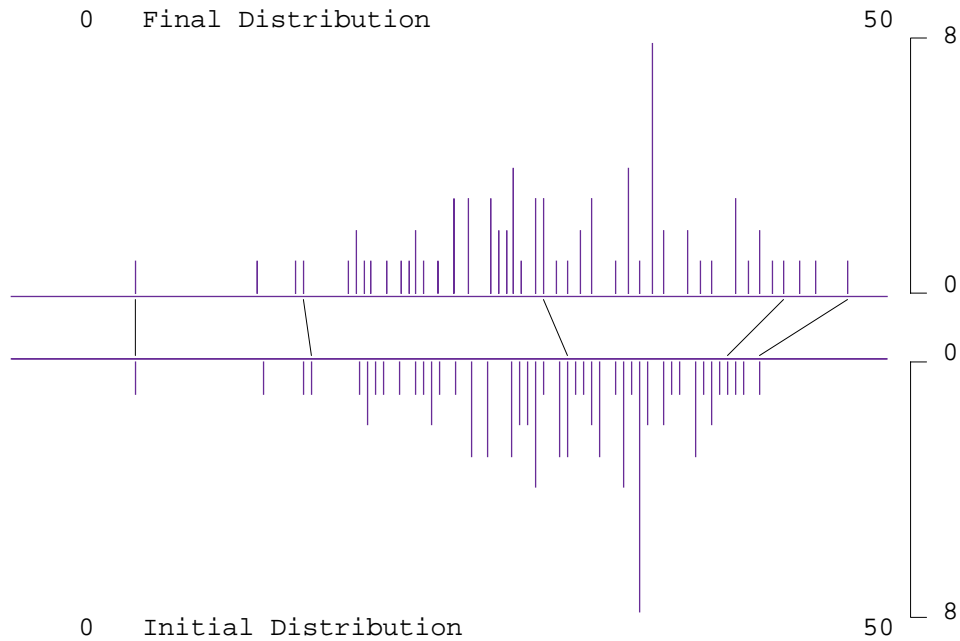


Higher School Certificate Examination 1999

Japanese (BS) - 2 unit - 21344

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	61.46	30.73	30.80	Candidature: 78	
Std.Devn	15.35	7.68	8.86		
Minimum	9.00	4.50	4.50	Mapping Points Initial - Final	
Median	63.00	31.50	30.00		
Maximum	87.00	43.50	49.00		
Cumulative frequency proportions are not reported for this scaling model.					43.5 - 49.0
					41.5 - 45.0
				31.5 - 30.0	
				15.5 - 15.0	
				4.5 - 4.5	

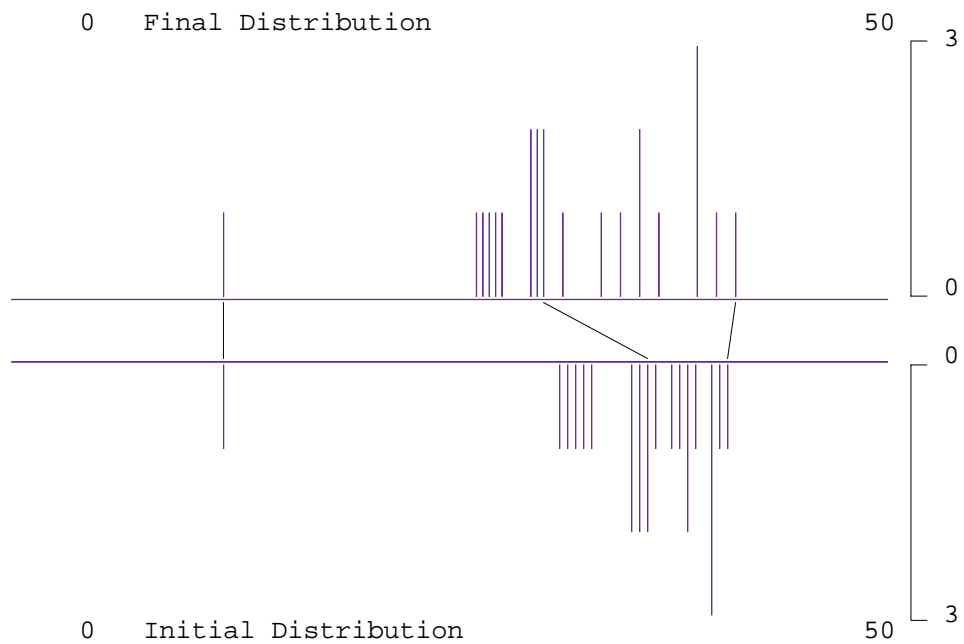


Higher School Certificate Examination 1999

Khmer - 2 unit - 21346

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	71.39	35.70	31.78	Candidature: 23
Std.Devn	12.61	6.31	6.87	
Minimum	20.00	10.00	10.00	Mapping Points Initial - Final
Median	73.00	36.50	30.00	
Maximum	83.00	41.50	42.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				41.5 - 42.0
				36.5 - 30.0
				10.0 - 10.0

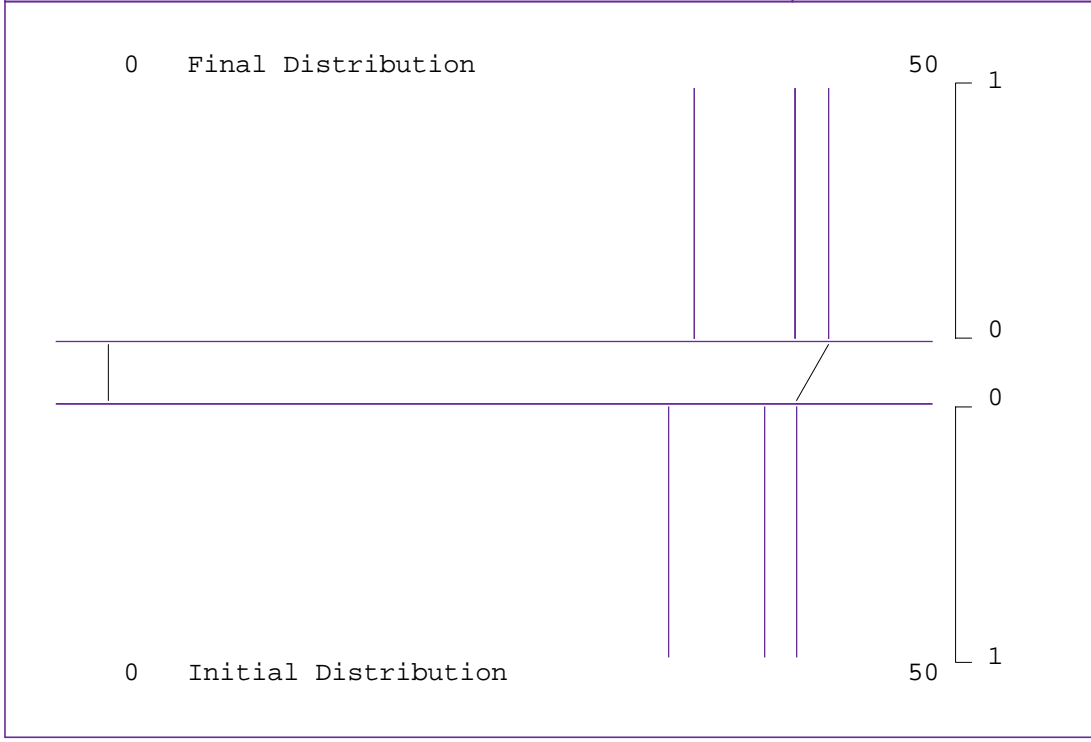


Higher School Certificate Examination 1999

Korean Z - 2 unit - 21350

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	79.33	39.67	41.50	Candidature: 3
Std.Devn	6.80	3.40	3.57	
Minimum	70.00	35.00	36.60	Mapping Points Initial - Final 43.0 - 45.0 0.0 - 0.0
Median	82.00	41.00	42.90	
Maximum	86.00	43.00	45.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

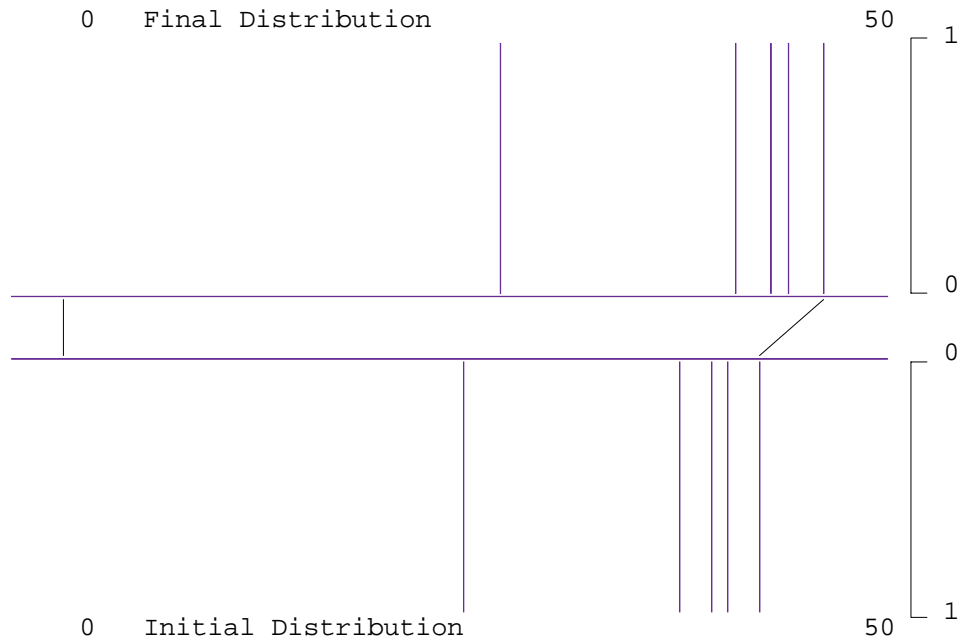


Higher School Certificate Examination 1999

Korean - 2/3 unit - 21352

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	75.60	37.80	41.26	Candidature: 5
Std.Devn	13.20	6.60	7.20	
Minimum	50.00	25.00	27.30	Mapping Points Initial - Final
Median	81.00	40.50	44.20	
Maximum	87.00	43.50	47.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				43.5 - 47.5
				0.0 - 0.0

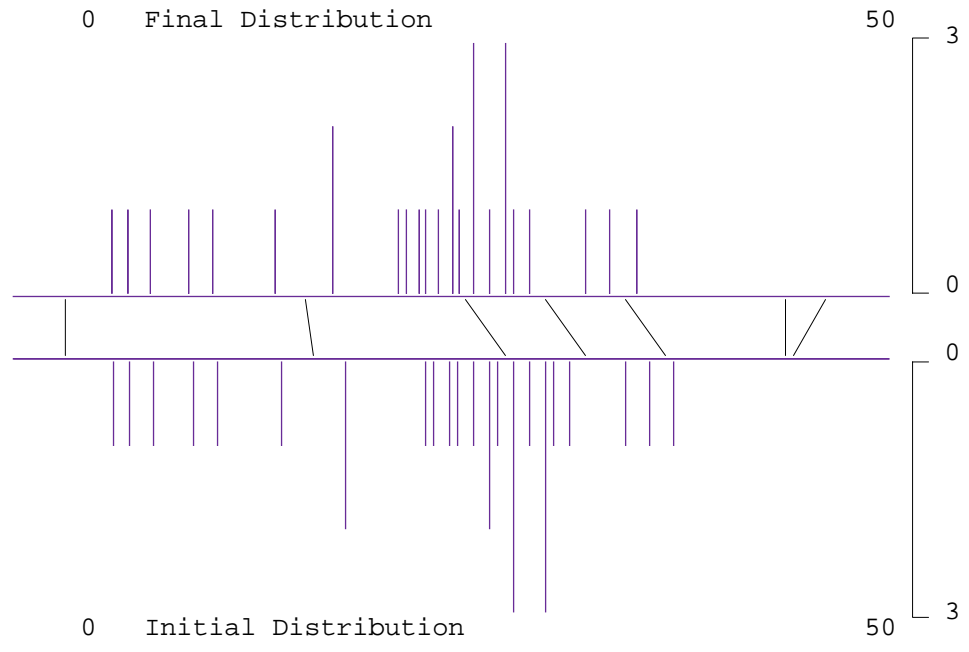


Higher School Certificate Examination 1999

Korean (BS) - 2/3 unit - 21354

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	46.61	23.30	21.54	Candidature: 28	
Std.Devn	19.31	9.66	8.79		
Minimum	6.00	3.00	2.90		
Median	53.00	26.50	24.20		
Maximum	76.00	38.00	35.70		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	0	0.00	0	0.00	45.5 - 47.5
35 - 44.9	1	3.57	1	3.57	45.0 - 45.0
25 - 34.9	11	39.29	12	42.86	37.5 - 35.0
15 - 24.9	10	35.71	22	78.57	32.5 - 30.0
0 - 14.9	6	21.43	28	100.00	27.5 - 25.0
					15.5 - 15.0
					0.0 - 0.0

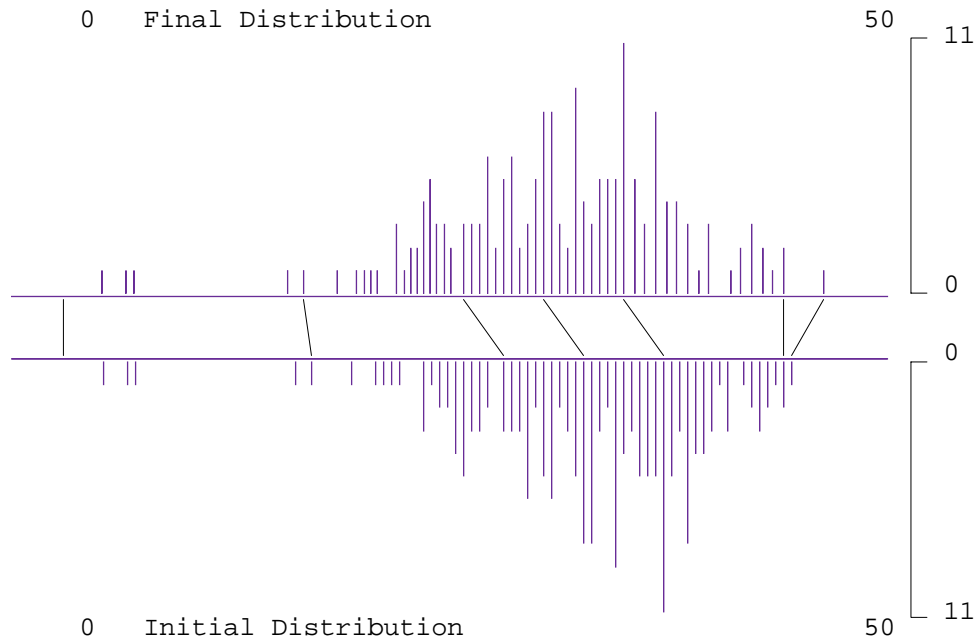


Higher School Certificate Examination 1999

Korean (BS) - 2/3 unit - 21354

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	65.36	32.68	30.61	Candidature: 179	
Std.Devn	14.61	7.30	7.34		
Minimum	5.00	2.50	2.40	Mapping Points Initial - Final	
Median	67.00	33.50	31.00		
Maximum	91.00	45.50	47.50		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	3	1.68	3	1.68	45.5 - 47.5
35 - 44.9	51	28.49	54	30.17	45.0 - 45.0
25 - 34.9	90	50.28	144	80.45	37.5 - 35.0
15 - 24.9	31	17.32	175	97.77	32.5 - 30.0
0 - 14.9	4	2.23	179	100.00	27.5 - 25.0
					15.5 - 15.0
					0.0 - 0.0

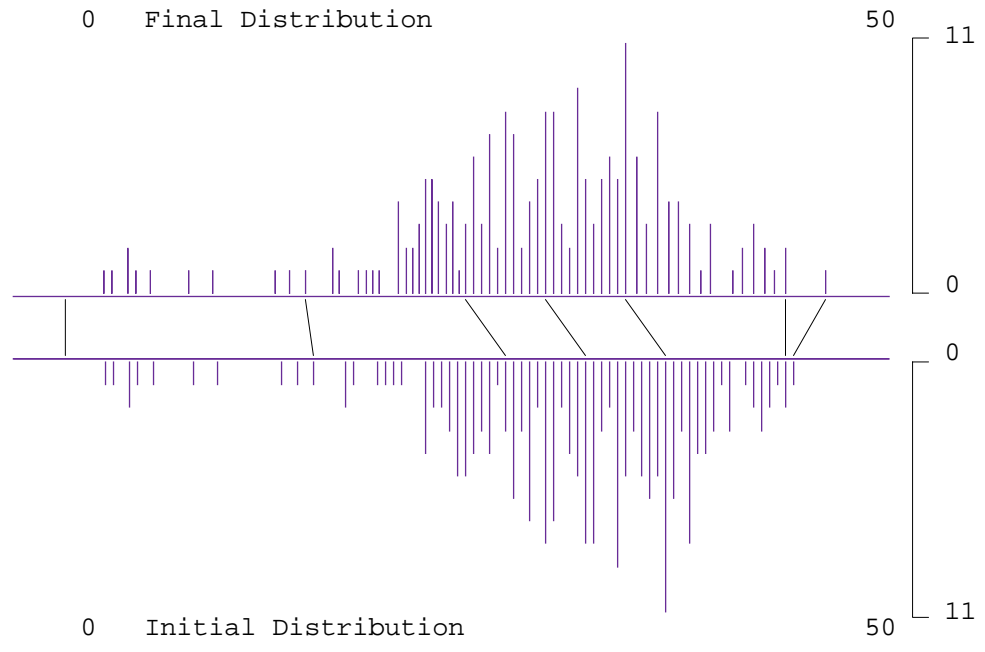


Higher School Certificate Examination 1999

Korean (BS) - 2/3 unit - 21354

Performance of **2 unit and 3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	62.82	31.41	29.38	Candidature: 207	
Std.Devn	16.62	8.31	8.16		
Minimum	5.00	2.50	2.40		
Median	65.00	32.50	30.00		
Maximum	91.00	45.50	47.50		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	3	1.45	3	1.45	45.5 - 47.5
35 - 44.9	52	25.12	55	26.57	45.0 - 45.0
25 - 34.9	101	48.79	156	75.36	37.5 - 35.0
15 - 24.9	41	19.81	197	95.17	32.5 - 30.0
0 - 14.9	10	4.83	207	100.00	27.5 - 25.0
					15.5 - 15.0
					0.0 - 0.0

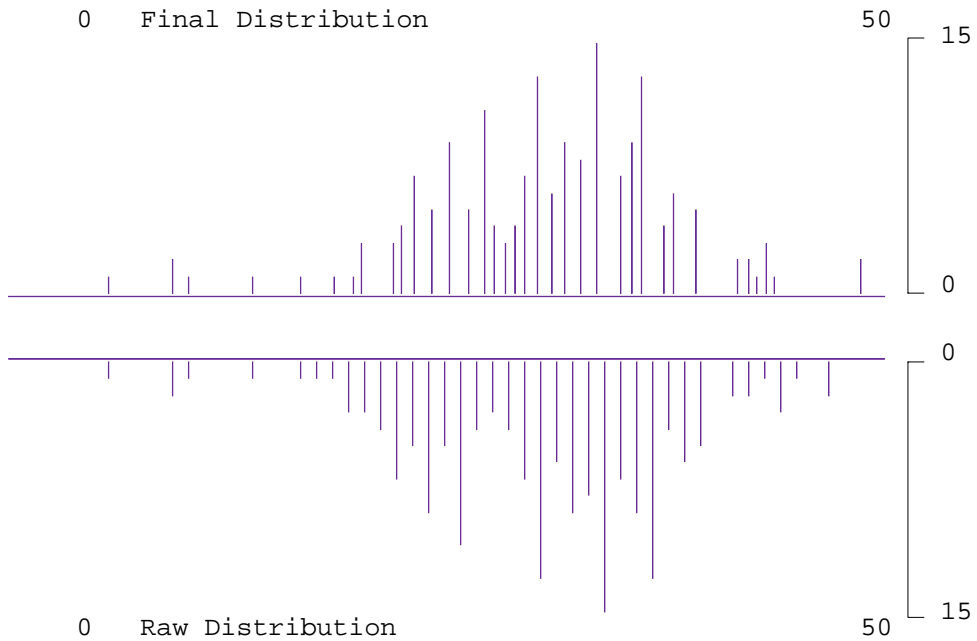


Higher School Certificate Examination 1999

Korean (BS) - 3 unit - 21355

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	30.17	32.38	30.36	Candidature: 179	
Std.Devn	7.98	7.42	7.51		
Minimum	3.00	3.10	3.00	Mapping Points Initial - Final	
Median	31.00	33.20	30.70		
Maximum	48.00	45.50	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	2	1.12	2	1.12	45.5 - 50.0
35 - 44.9	53	29.61	55	30.73	45.0 - 45.0
25 - 34.9	85	47.49	140	78.21	37.5 - 35.0
15 - 24.9	34	18.99	174	97.21	32.5 - 30.0
0 - 14.9	5	2.79	179	100.00	27.5 - 25.0
					15.5 - 15.0
					0.0 - 0.0

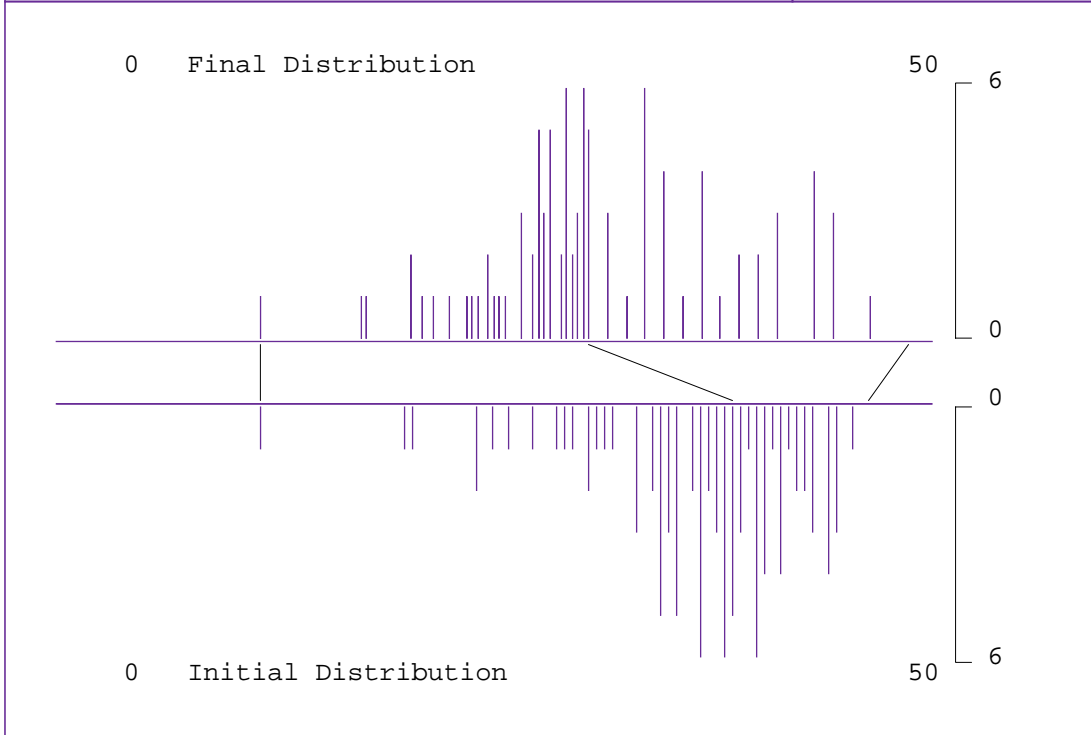


Higher School Certificate Examination 1999

Latin - 2/3 unit - 21362

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	73.65	36.82	30.64	Candidature: 93
Std.Devn	13.11	6.56	7.28	
Minimum	19.00	9.50	9.50	Mapping Points Initial - Final
Median	76.00	38.00	29.30	
Maximum	93.00	46.50	47.60	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				39.0 - 30.0
				9.5 - 9.5

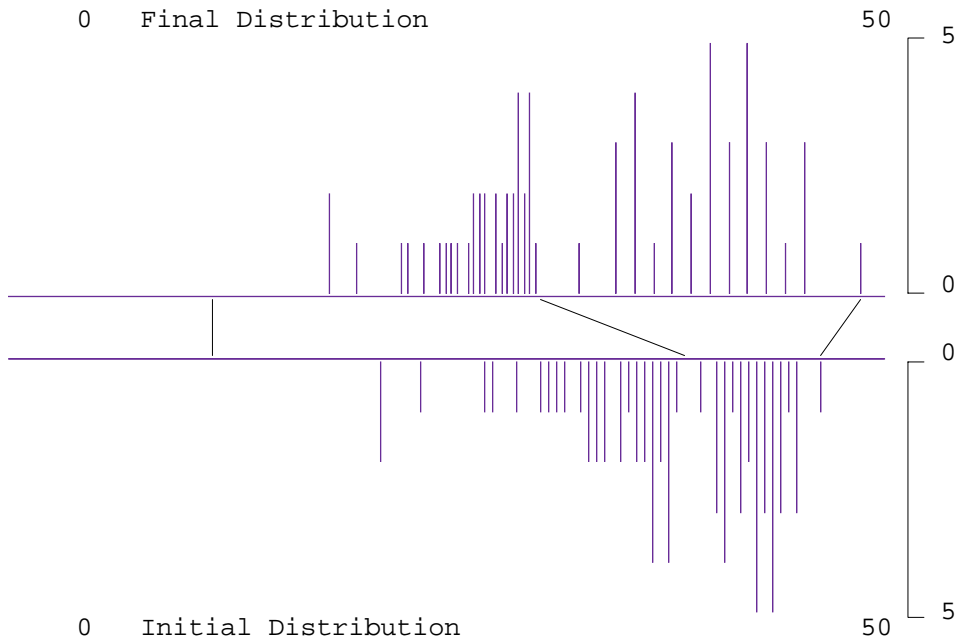


Higher School Certificate Examination 1999

Latin - 2/3 unit - 21362

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	76.79	38.39	33.31	Candidature: 70
Std.Devn	12.63	6.31	8.19	
Minimum	40.00	20.00	16.80	Mapping Points Initial - Final
Median	80.00	40.00	32.40	
Maximum	95.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				39.0 - 30.0
				9.5 - 9.5

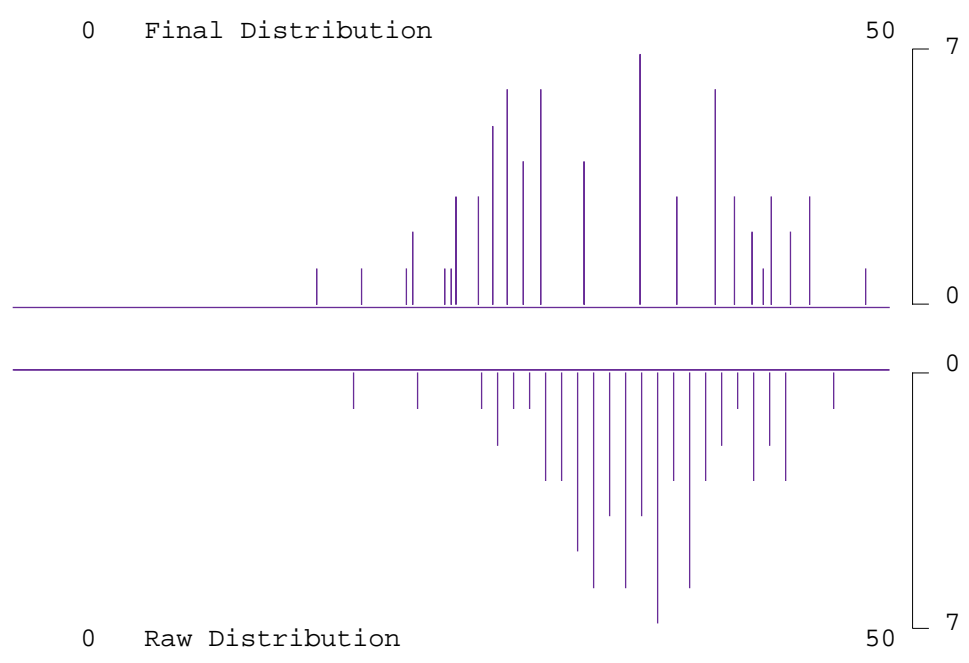


Higher School Certificate Examination 1999

Latin - 3 unit - 21363

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	35.64	38.46	33.27	Candidature: 69
Std.Devn	5.51	6.09	8.07	
Minimum	18.00	18.40	15.70	Mapping Points Initial - Final
Median	36.00	40.00	32.40	
Maximum	48.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				39.0 - 30.0
				9.5 - 9.5

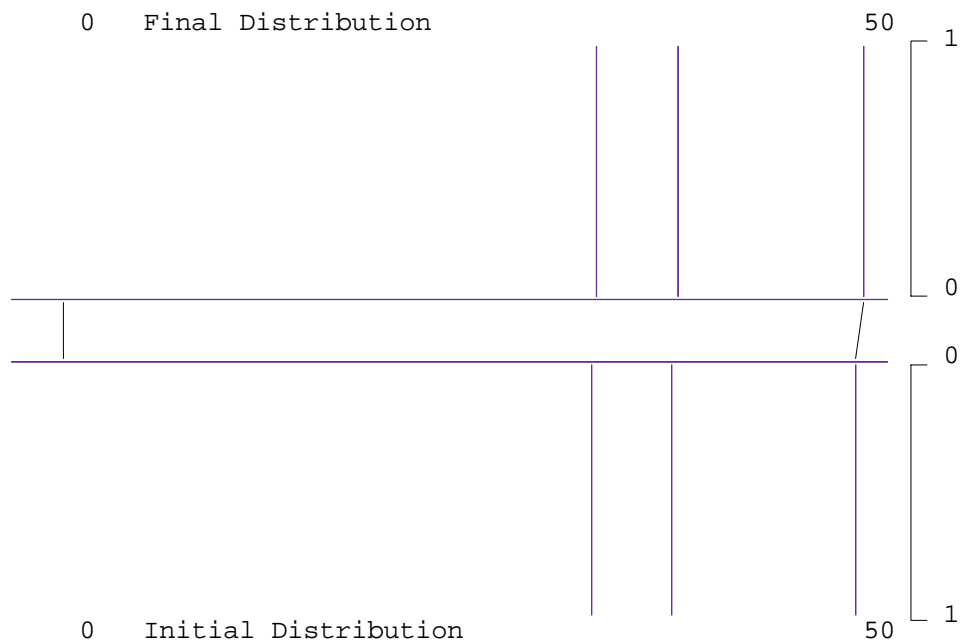


Higher School Certificate Examination 1999

Latvian - 2 unit - 21370

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	80.33	40.17	40.57	Candidature: 3
Std.Devn	13.82	6.91	6.99	
Minimum	66.00	33.00	33.30	Mapping Points Initial - Final 49.5 - 50.0 0.0 - 0.0
Median	76.00	38.00	38.40	
Maximum	99.00	49.50	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

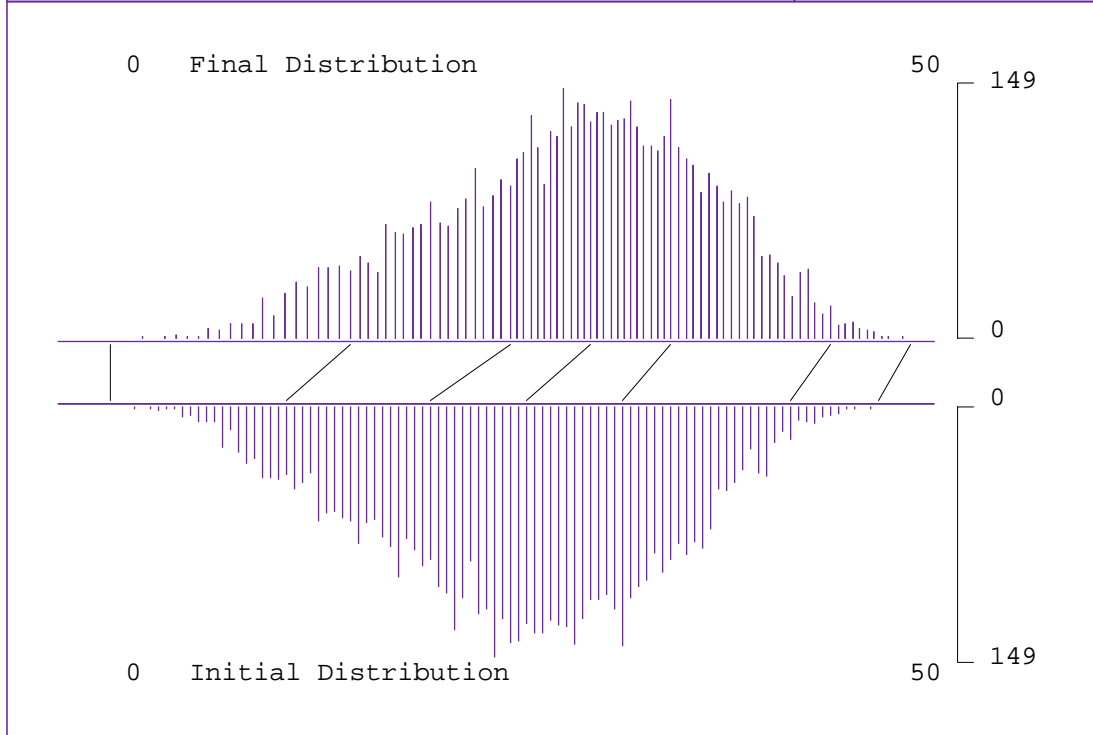


Higher School Certificate Examination 1999

Legal Studies - 2/3 unit - 20680

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	51.02	25.51	29.29	Candidature: 6029	
Std.Devn	16.80	8.40	7.92		
Minimum	3.00	1.50	2.00		
Median	52.00	26.00	30.00		
Maximum	95.00	47.50	49.50		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	64	1.06	64	1.06	48.0 - 50.0
35 - 44.9	1469	24.37	1533	25.43	42.5 - 45.0
25 - 34.9	2961	49.11	4494	74.54	32.0 - 35.0
15 - 24.9	1236	20.50	5730	95.04	26.0 - 30.0
0 - 14.9	299	4.96	6029	100.00	20.0 - 25.0
					11.0 - 15.0
					0.0 - 0.0

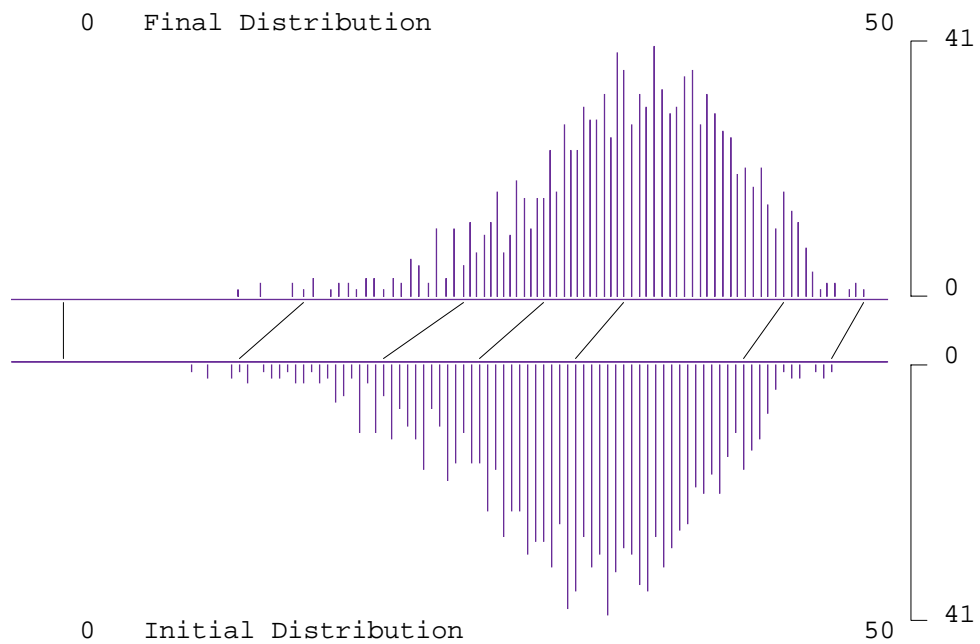


Higher School Certificate Examination 1999

Legal Studies - 2/3 unit - 20680

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	64.11	32.05	35.32	Candidature: 1180	
Std.Devn	13.82	6.91	6.27		
Minimum	16.00	8.00	10.90	Mapping Points Initial - Final	
Median	65.00	32.50	35.50		
Maximum	96.00	48.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	64	5.42	64	5.42	48.0 - 50.0
35 - 44.9	588	49.83	652	55.25	42.5 - 45.0
25 - 34.9	463	39.24	1115	94.49	32.0 - 35.0
15 - 24.9	60	5.08	1175	99.58	26.0 - 30.0
0 - 14.9	5	0.42	1180	100.00	20.0 - 25.0
					11.0 - 15.0
					0.0 - 0.0

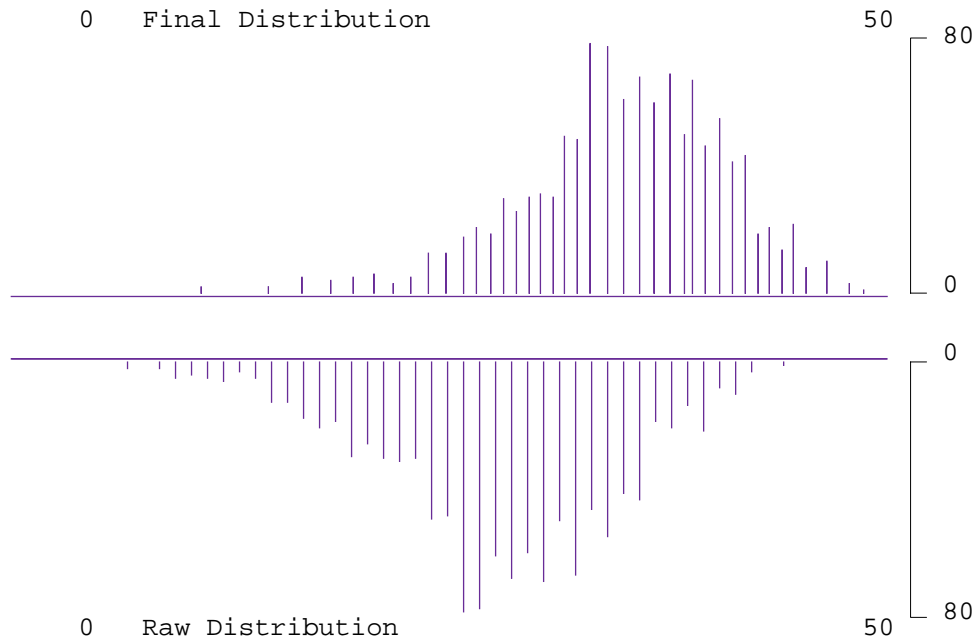


Higher School Certificate Examination 1999

Legal Studies - 3 unit - 20681

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	27.30	31.91	35.18	Candidature: 1192	
Std.Devn	7.14	6.87	6.24		
Minimum	4.00	6.30	8.60		
Median	28.00	33.00	36.00		
Maximum	45.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	44	3.69	44	3.69	48.0 - 50.0
35 - 44.9	624	52.35	668	56.04	42.5 - 45.0
25 - 34.9	466	39.09	1134	95.13	32.0 - 35.0
15 - 24.9	49	4.11	1183	99.24	26.0 - 30.0
0 - 14.9	9	0.76	1192	100.00	20.0 - 25.0
					11.0 - 15.0
					0.0 - 0.0

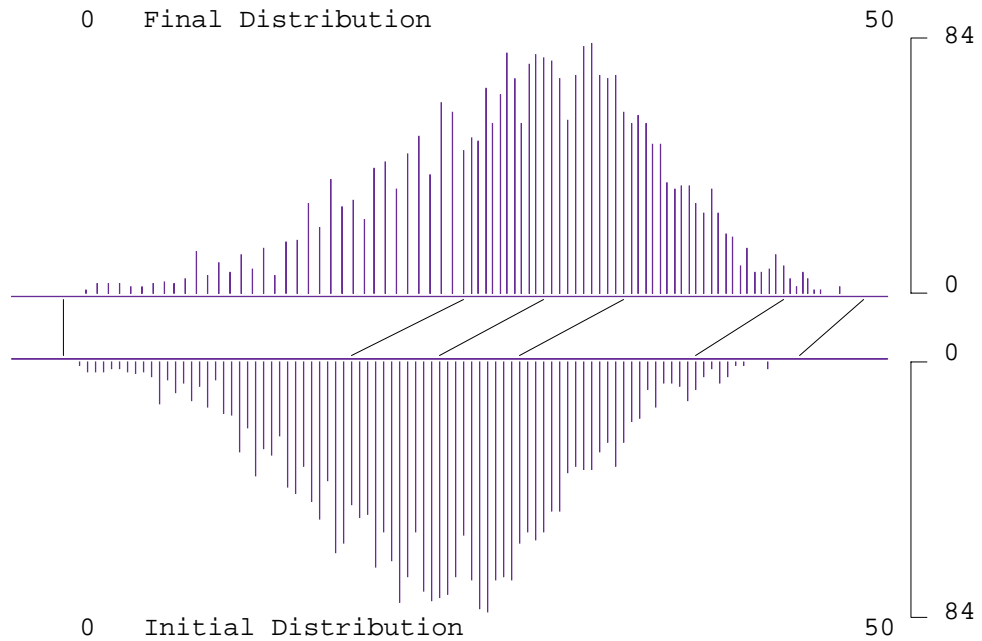


Higher School Certificate Examination 1999

Life Management Studies - 2/3 unit - 22300

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	46.30	23.15	29.30	Candidature: 2888	
Std.Devn	14.89	7.44	7.91		
Minimum	2.00	1.00	1.40	Mapping Points Initial - Final	
Median	47.00	23.50	30.00		
Maximum	88.00	44.00	48.50		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	46.0 - 50.0
					39.5 - 45.0
					28.5 - 35.0
45 - 50.0	32	1.11	32	1.11	23.5 - 30.0
35 - 44.9	696	24.10	728	25.21	18.0 - 25.0
25 - 34.9	1456	50.42	2184	75.62	0.0 - 0.0
15 - 24.9	561	19.43	2745	95.05	
0 - 14.9	143	4.95	2888	100.00	

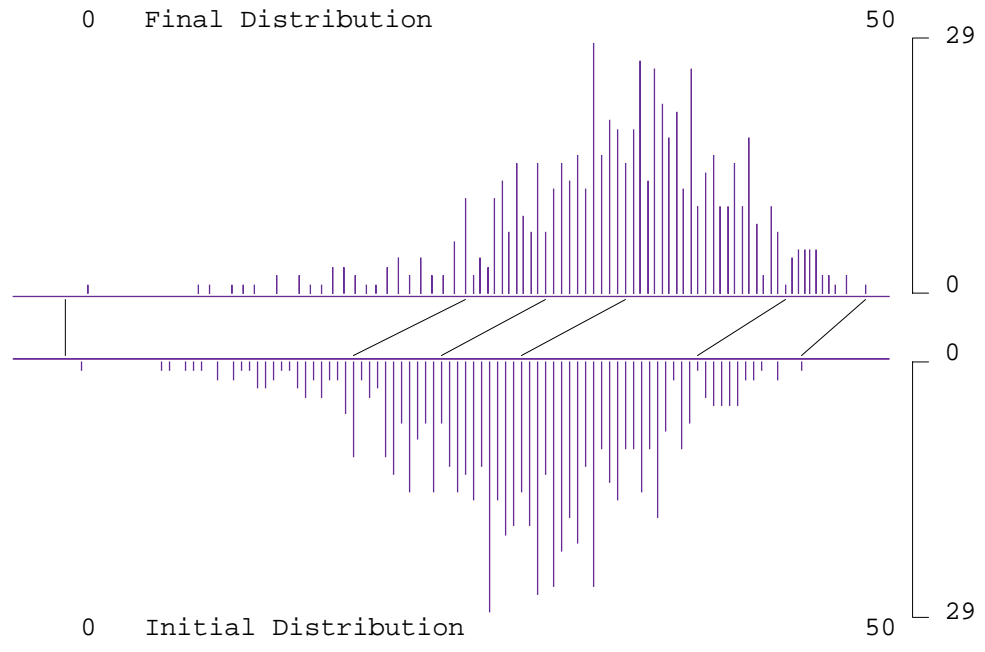


Higher School Certificate Examination 1999

Life Management Studies - 2/3 unit - 22300

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	57.15	28.57	34.75	Candidature: 663	
Std.Devn	14.08	7.04	6.96		
Minimum	2.00	1.00	1.40		
Median	58.00	29.00	35.50		
Maximum	92.00	46.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	33	4.98	33	4.98	46.0 - 50.0
35 - 44.9	329	49.62	362	54.60	39.5 - 45.0
25 - 34.9	256	38.61	618	93.21	28.5 - 35.0
15 - 24.9	35	5.28	653	98.49	23.5 - 30.0
0 - 14.9	10	1.51	663	100.00	18.0 - 25.0
					0.0 - 0.0

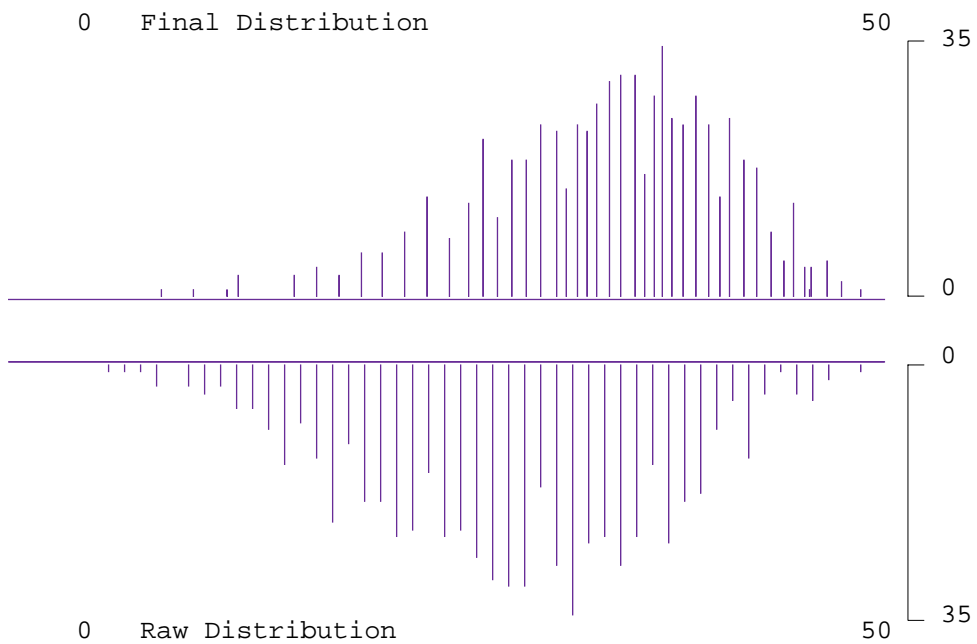


Higher School Certificate Examination 1999

Life Management Studies - 3 unit - 22301

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	28.03	28.38	34.56	Candidature: 672	
Std.Devn	8.85	7.16	7.05		
Minimum	3.00	4.50	6.30		
Median	28.00	28.50	35.00		
Maximum	50.00	46.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	35	5.21	35	5.21	46.0 - 50.0
35 - 44.9	328	48.81	363	54.02	39.5 - 45.0
25 - 34.9	250	37.20	613	91.22	28.5 - 35.0
15 - 24.9	50	7.44	663	98.66	23.5 - 30.0
0 - 14.9	9	1.34	672	100.00	18.0 - 25.0
					0.0 - 0.0

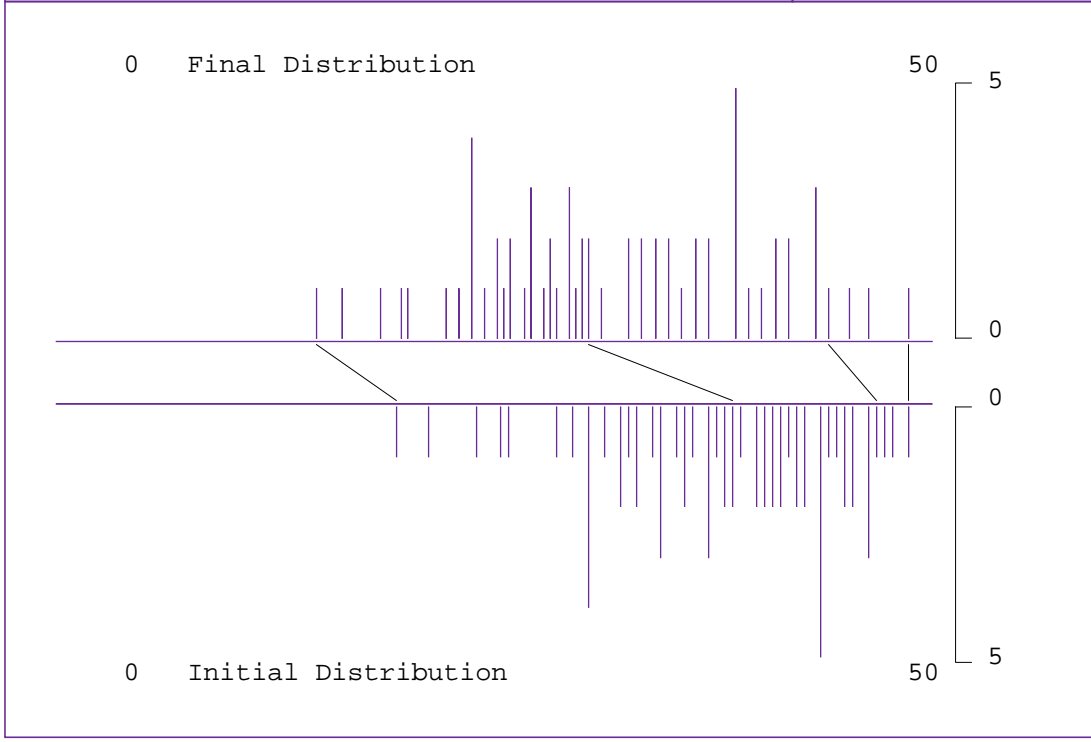


Higher School Certificate Examination 1999

Macedonian - 2 unit - 21390

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	76.58	38.29	31.76	Candidature: 65
Std.Devn	14.80	7.40	8.56	
Minimum	36.00	18.00	13.00	Mapping Points Initial - Final
Median	78.00	39.00	30.00	
Maximum	100.00	50.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				50.0 - 50.0
				48.0 - 45.0
				39.0 - 30.0
				18.0 - 13.0

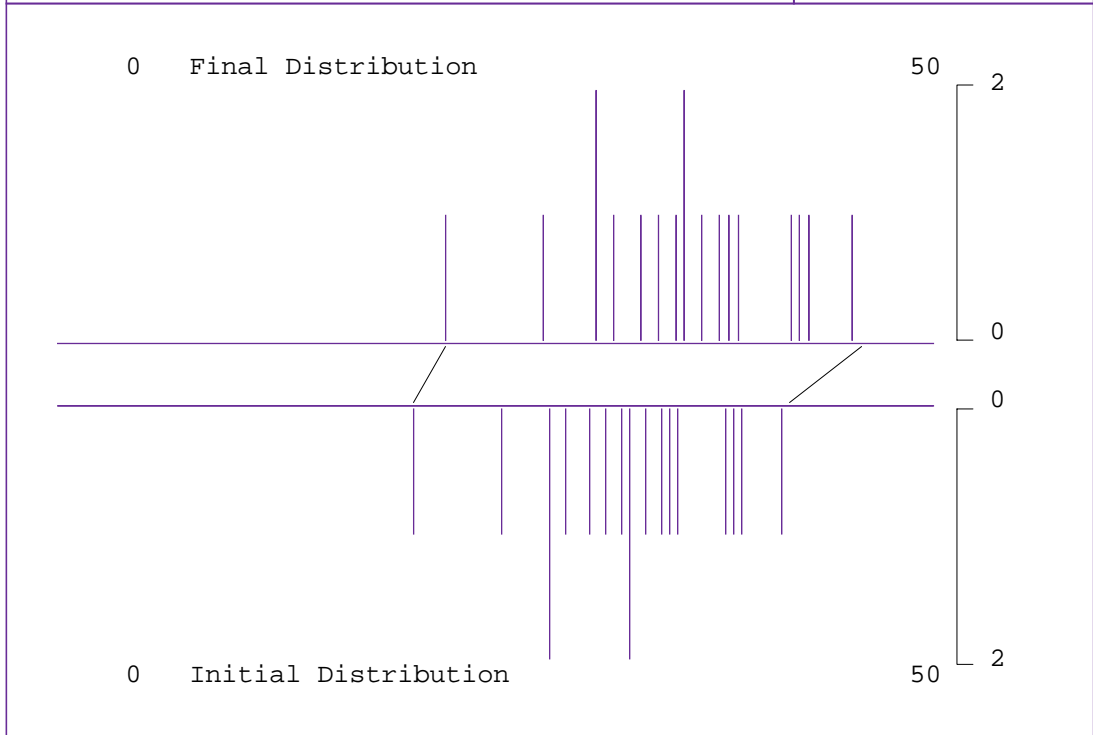


Higher School Certificate Examination 1999

Malay (BS) - 2/3 unit - 21392

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	64.72	32.36	35.78	Candidature: 18
Std.Devn	11.14	5.57	6.16	
Minimum	38.00	19.00	21.00	Mapping Points Initial - Final 42.5 - 47.0 19.0 - 21.0
Median	65.00	32.50	35.90	
Maximum	84.00	42.00	46.40	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

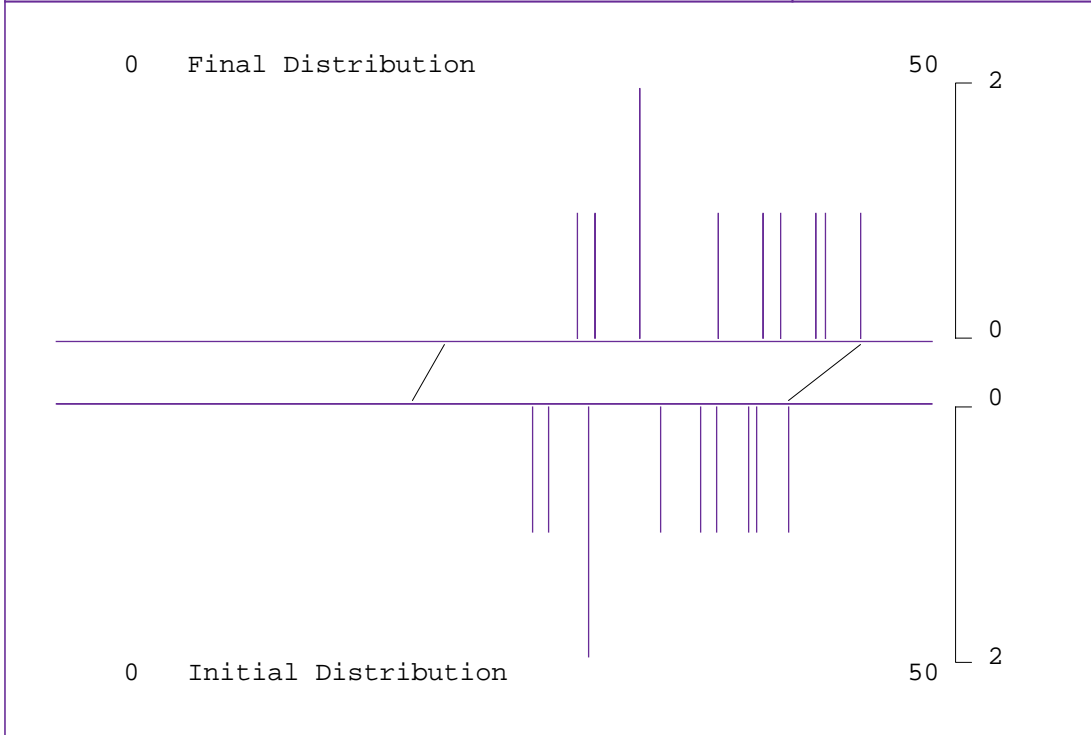


Higher School Certificate Examination 1999

Malay (BS) - 2/3 unit - 21392

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	69.30	34.65	38.31	Candidature: 10
Std.Devn	10.99	5.50	6.07	
Minimum	53.00	26.50	29.30	Mapping Points Initial - Final
Median	74.00	37.00	40.90	
Maximum	85.00	42.50	47.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				42.5 - 47.0
				19.0 - 21.0

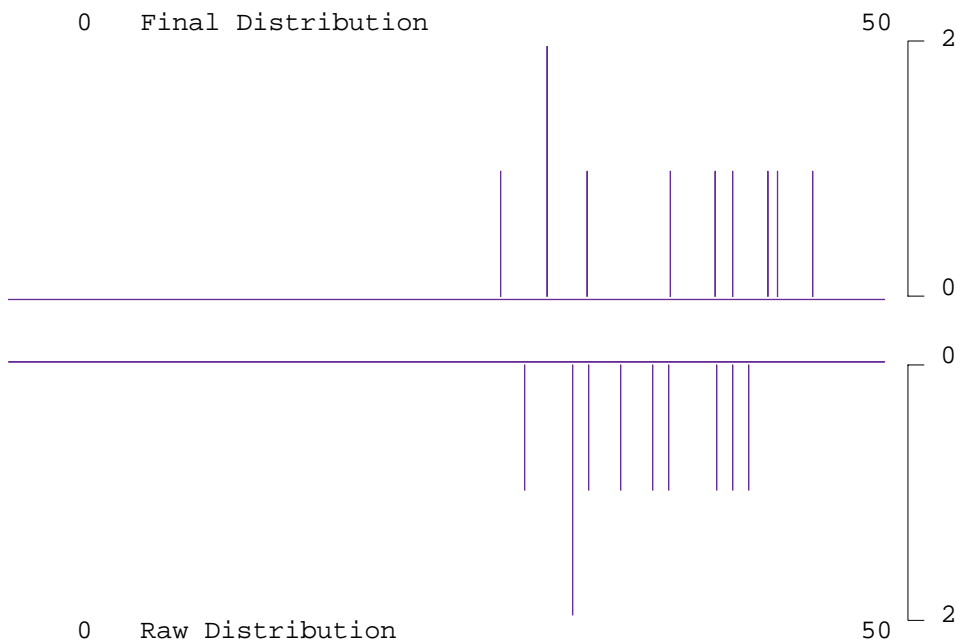


Higher School Certificate Examination 1999

Malay (BS) - 3 unit - 21393

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	36.20	34.22	37.82	Candidature: 10
Std.Devn	4.53	6.00	6.64	
Minimum	29.00	24.90	27.50	Mapping Points Initial - Final 42.5 - 47.0 19.0 - 21.0
Median	37.00	37.00	40.90	
Maximum	43.00	42.50	47.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

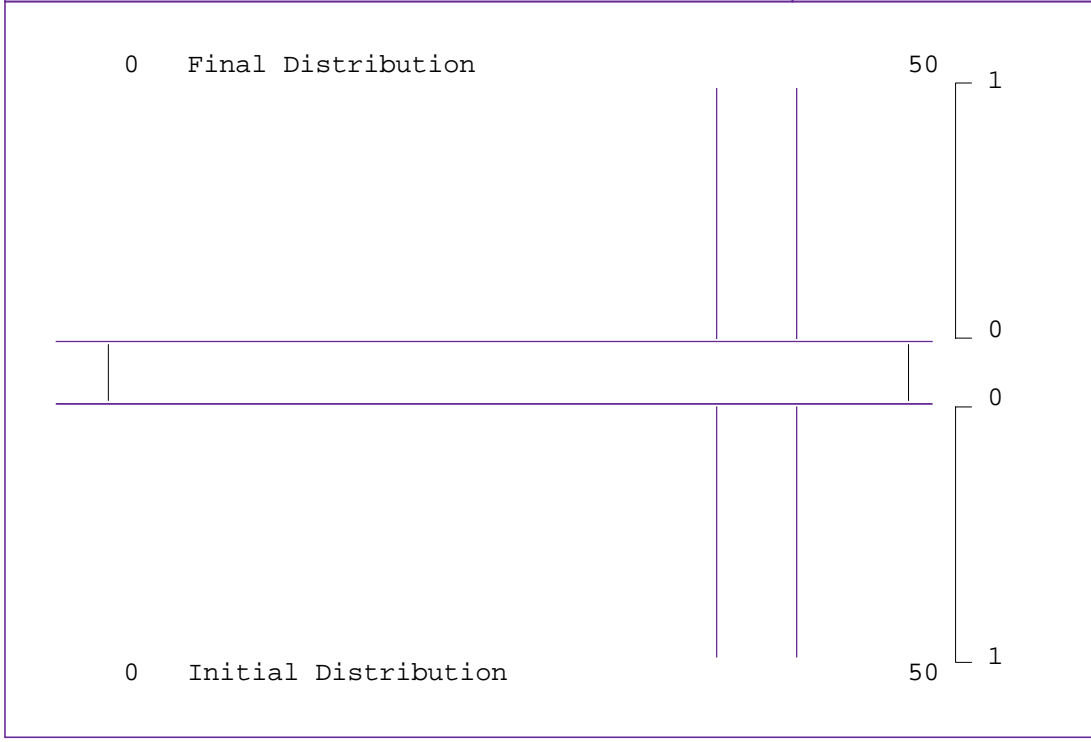


Higher School Certificate Examination 1999

Maltese - 2 unit - 21395

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	81.00	40.50	40.50	Candidature: 2
Std.Devn	5.00	2.50	2.50	
Minimum	76.00	38.00	38.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	86.00	43.00	43.00	
Maximum	86.00	43.00	43.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

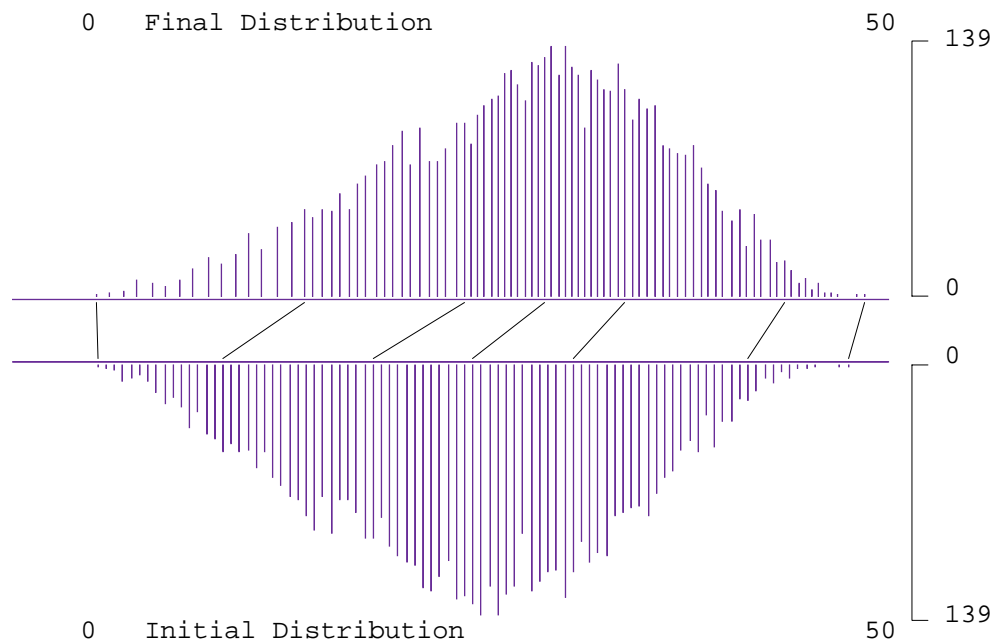


Higher School Certificate Examination 1999

Mathematics in Practice - 2 unit - 20150

Performance of the Single **2 unit** candidature

	Raw/96	Initial/50	Final/50		
Mean	48.27	25.14	29.36	Candidature: 5811	
Std.Devn	16.85	8.78	8.00		
Minimum	4.00	2.10	2.00	Mapping Points Initial - Final	
Median	49.00	25.50	30.00		
Maximum	94.00	49.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	69	1.19	69	1.19	49.0 - 50.0
35 - 44.9	1423	24.49	1492	25.68	42.7 - 45.0
25 - 34.9	2826	48.63	4318	74.31	31.8 - 35.0
15 - 24.9	1240	21.34	5558	95.65	25.5 - 30.0
0 - 14.9	253	4.35	5811	100.00	19.3 - 25.0
					9.9 - 15.0
					2.1 - 2.0

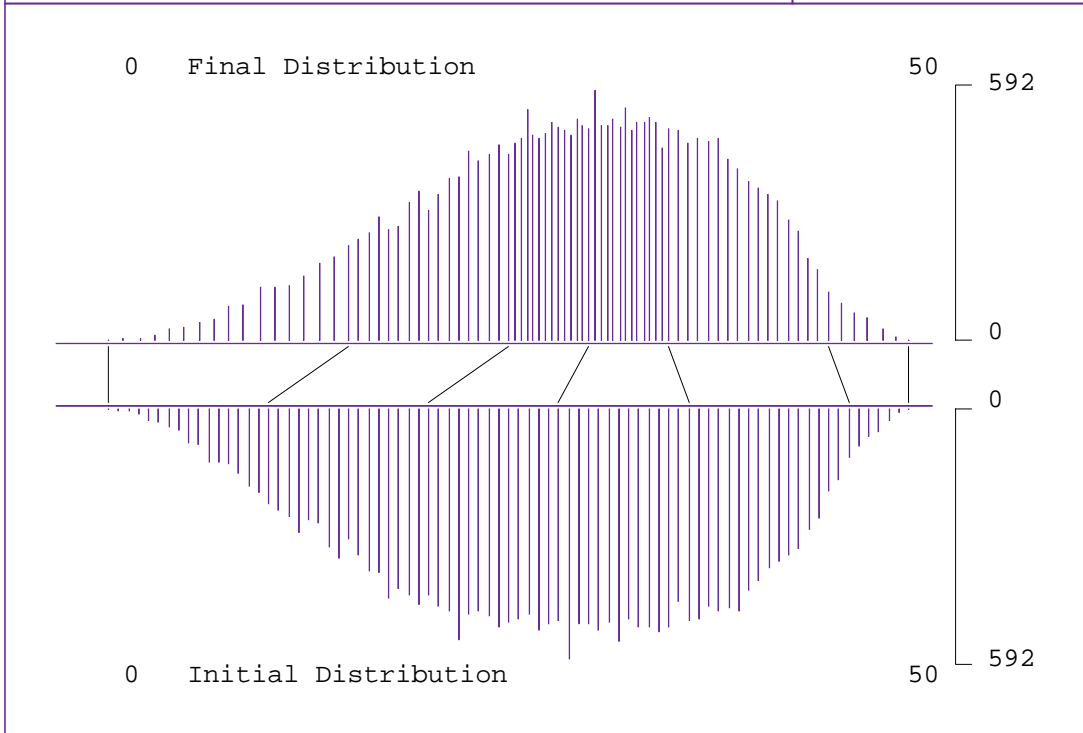


Higher School Certificate Examination 1999

Mathematics in Society - 2 unit - 20160

Performance of the Single **2 unit** candidature

	Raw/80	Initial/50	Final/50		
Mean	43.84	27.41	29.28	Candidature: 26193	
Std.Devn	16.56	10.35	8.14		
Minimum	0.00	0.00	0.00		
Median	45.00	28.10	30.00		
Maximum	80.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	356	1.36	356	1.36	46.3 - 45.0
35 - 44.9	6038	23.05	6394	24.41	36.3 - 35.0
25 - 34.9	13139	50.16	19533	74.57	28.1 - 30.0
15 - 24.9	5419	20.69	24952	95.26	20.0 - 25.0
0 - 14.9	1241	4.74	26193	100.00	10.0 - 15.0
					0.0 - 0.0

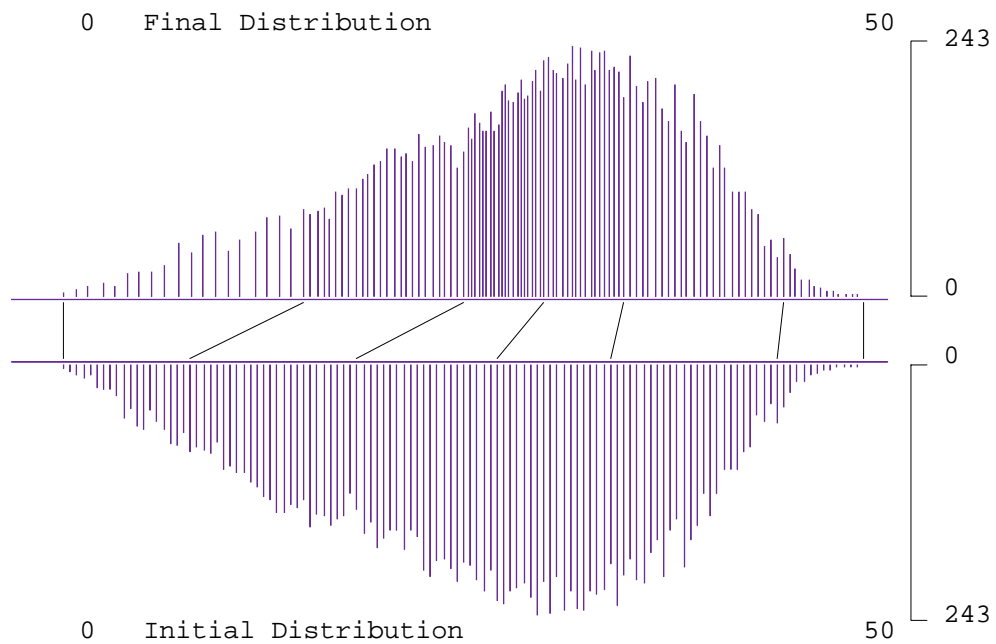


Higher School Certificate Examination 1999

Mathematics - 2/3 unit - 20170

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/120	Initial/50	Final/50		
Mean	62.21	25.93	29.36	Candidature: 15234	
Std.Devn	24.61	10.26	8.16		
Minimum	0.00	0.00	0.00		
Median	65.00	27.10	30.00		
Maximum	119.00	49.60	49.60		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	185	1.21	185	1.21	50.0 - 50.0
35 - 44.9	3629	23.82	3814	25.04	44.6 - 45.0
25 - 34.9	7664	50.31	11478	75.34	34.2 - 35.0
15 - 24.9	3021	19.83	14499	95.18	27.1 - 30.0
0 - 14.9	735	4.82	15234	100.00	18.3 - 25.0
					7.9 - 15.0
					0.0 - 0.0

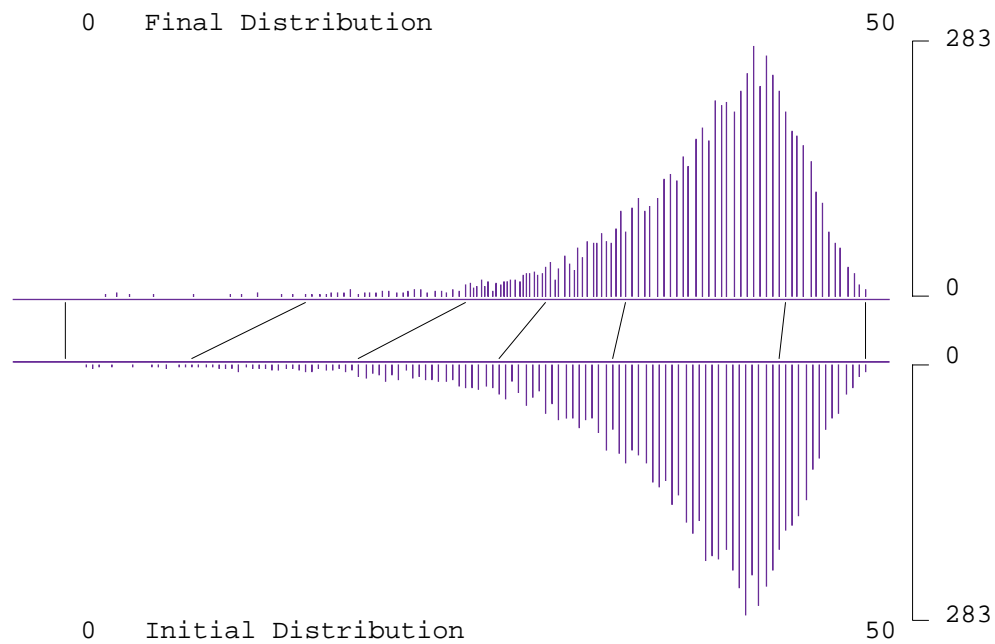


Higher School Certificate Examination 1999

Mathematics - 2/3 unit - 20170

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/120	Initial/50	Final/50		
Mean	93.26	38.86	39.83	Candidature: 7222	
Std.Devn	16.90	7.04	5.96		
Minimum	3.00	1.30	2.50		
Median	97.00	40.40	41.00		
Maximum	120.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	1386	19.19	1386	19.19	44.6 - 45.0
35 - 44.9	4468	61.87	5854	81.06	34.2 - 35.0
25 - 34.9	1240	17.17	7094	98.23	27.1 - 30.0
15 - 24.9	110	1.52	7204	99.75	18.3 - 25.0
0 - 14.9	18	0.25	7222	100.00	7.9 - 15.0
					0.0 - 0.0

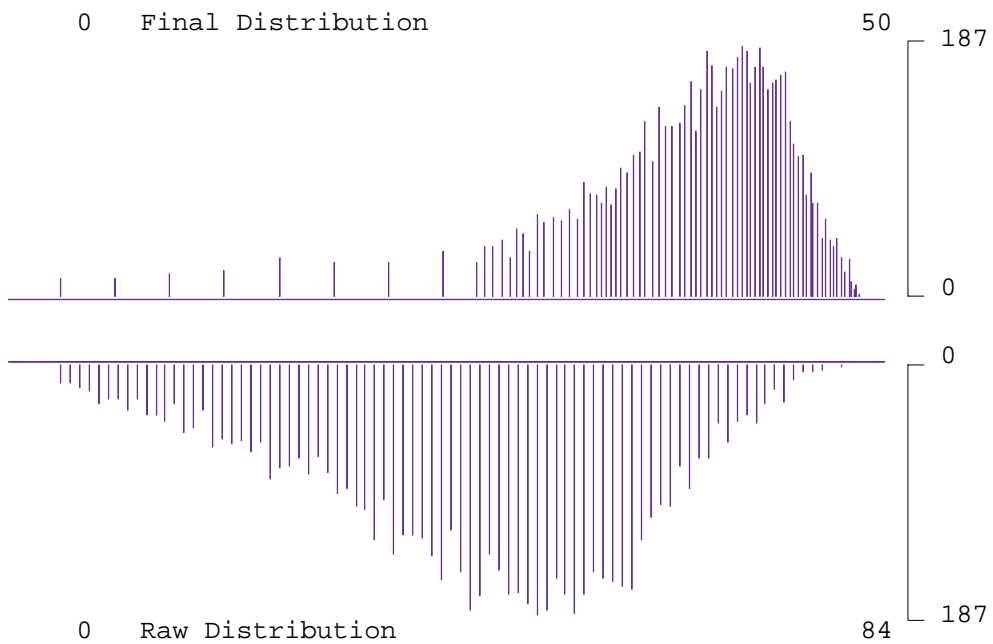


Higher School Certificate Examination 1999

Mathematics - 3 unit - 20171

Performance of **3 unit** candidates
on the 3 unit / 4 unit Common Paper

	Raw/84	Initial/50	Final/50		
Mean	43.64	38.80	39.71	Candidature: 7234	
Std.Devn	16.54	7.48	6.63		
Minimum	0.00	0.00	0.00	Mapping Points Initial - Final	
Median	46.00	40.80	41.30		
Maximum	82.00	49.90	49.90		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	1419	19.62	1419	19.62	50.0 - 50.0
35 - 44.9	4449	61.50	5868	81.12	44.6 - 45.0
25 - 34.9	1191	16.46	7059	97.58	34.2 - 35.0
15 - 24.9	84	1.16	7143	98.74	27.1 - 30.0
0 - 14.9	91	1.26	7234	100.00	18.3 - 25.0
					0.0 - 0.0

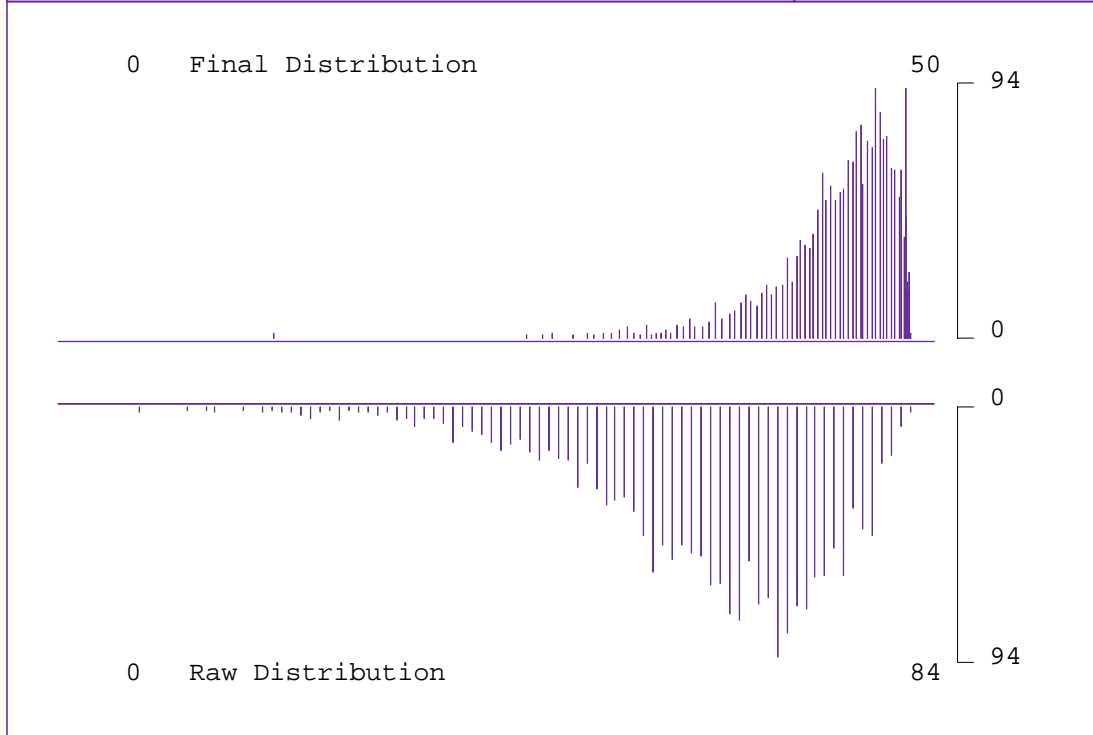


Higher School Certificate Examination 1999

Mathematics - 3 unit - 20171

Performance of **4 unit** candidates
on the 3 unit / 4 unit Common Paper

	Raw/84	Initial/50	Final/50		
Mean	63.02	45.50	45.82	Candidature: 2112	
Std.Devn	12.56	3.96	3.66		
Minimum	3.00	7.50	10.20	Mapping Points Initial - Final	
Median	65.00	46.30	46.60		
Maximum	84.00	50.00	50.00		
Score Group	Freq	% Freq	Cuml Freq		% Cuml Freq
45 - 50.0	1468	69.51	1468		69.51
35 - 44.9	607	28.74	2075	98.25	
25 - 34.9	35	1.66	2110	99.91	
15 - 24.9	0	0.00	2110	99.91	
0 - 14.9	2	0.09	2112	100.00	
				50.0 - 50.0	
				44.6 - 45.0	
				34.2 - 35.0	
				27.1 - 30.0	
				18.3 - 25.0	
				0.0 - 0.0	

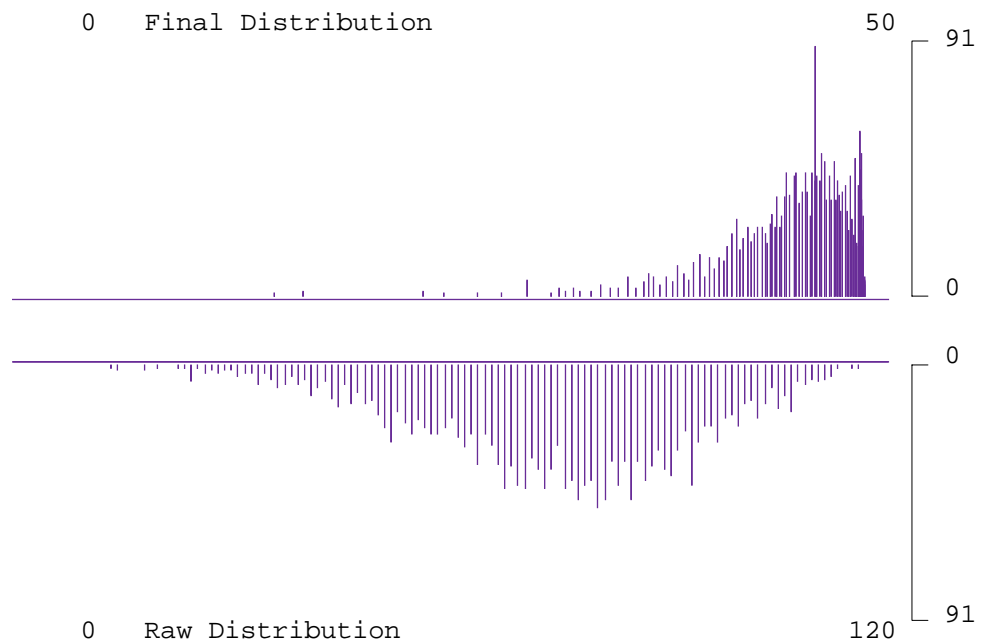


Higher School Certificate Examination 1999

Mathematics - 4 unit - 20172

Performance of **4 unit** candidates
on the 4 unit Additional Paper

	Raw/120	Initial/50	Final/50		
Mean	73.83	45.57	45.85	Candidature: 2137	
Std.Devn	19.66	3.93	3.76		
Minimum	7.00	12.80	13.10		
Median	76.00	46.60	46.90		
Maximum	119.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	1506	70.47	1506	70.47	44.6 - 45.0
35 - 44.9	594	27.80	2100	98.27	34.2 - 35.0
25 - 34.9	31	1.45	2131	99.72	0.0 - 0.0
15 - 24.9	3	0.14	2134	99.86	
0 - 14.9	3	0.14	2137	100.00	

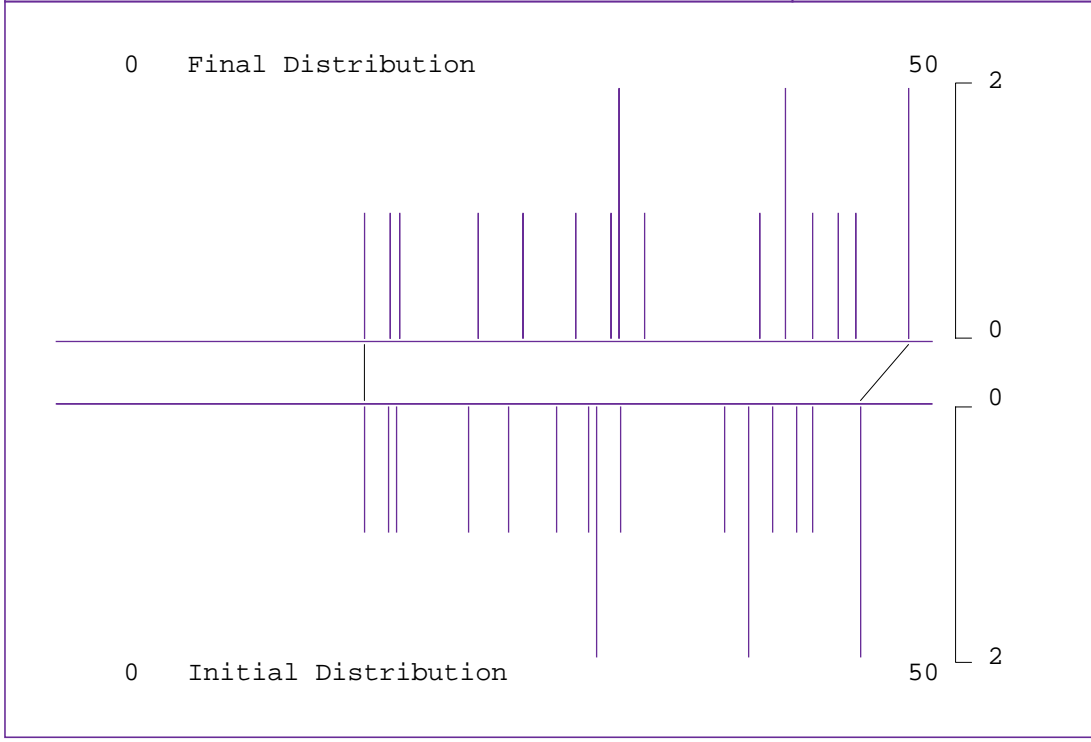


Higher School Certificate Examination 1999

Modern Greek Z - 2 unit - 21400

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	65.67	32.83	34.46	Candidature: 18
Std.Devn	19.94	9.97	10.94	
Minimum	32.00	16.00	16.00	Mapping Points Initial - Final
Median	64.00	32.00	33.50	
Maximum	94.00	47.00	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.0 - 50.0
				16.0 - 16.0

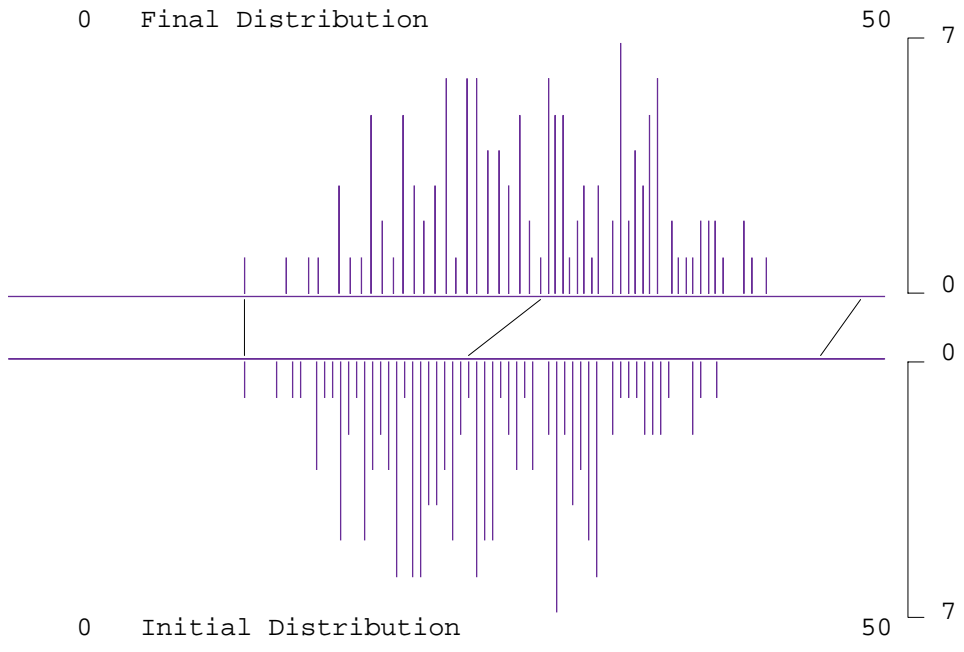


Higher School Certificate Examination 1999

Modern Greek - 2/3 unit - 21402

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	52.40	26.20	29.66	Candidature: 139
Std.Devn	13.00	6.50	7.08	
Minimum	23.00	11.50	11.50	Mapping Points Initial - Final
Median	52.00	26.00	30.50	
Maximum	82.00	41.00	44.10	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				25.5 - 30.0
				11.5 - 11.5



Higher School Certificate Examination 1999

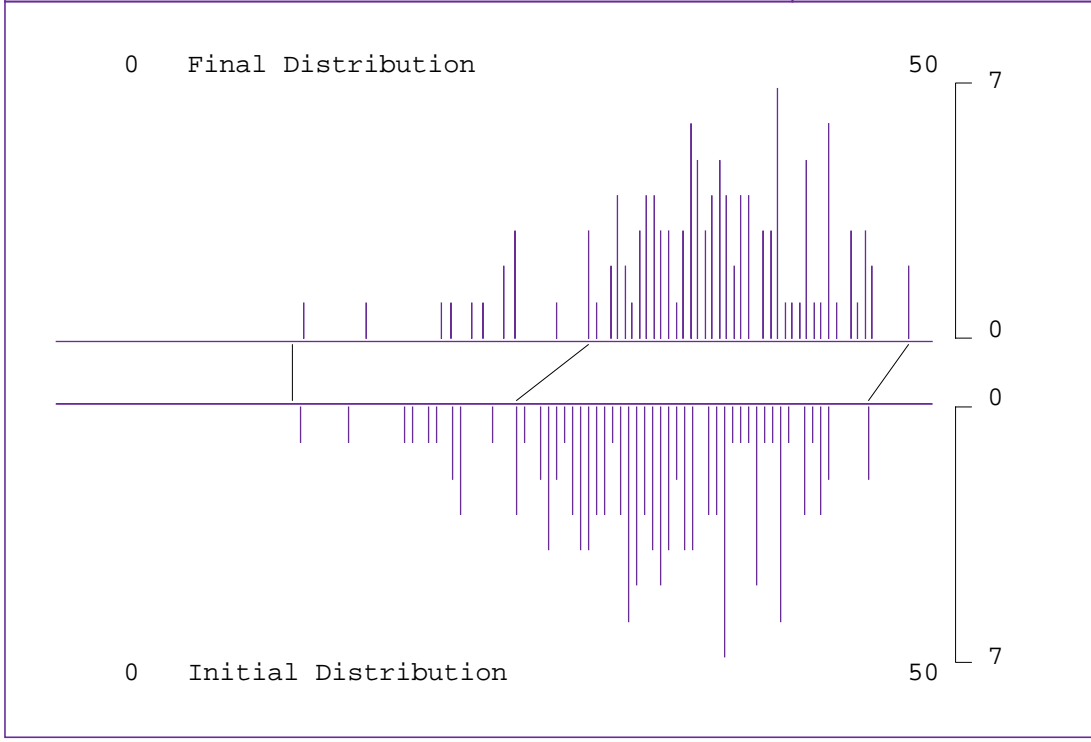
Modern Greek - 2/3 unit - 21402

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	67.47	33.73	37.26	Candidature: 124
Std.Devn	13.85	6.92	6.83	
Minimum	24.00	12.00	12.20	Mapping Points Initial - Final
Median	68.00	34.00	37.70	
Maximum	95.00	47.50	50.00	

Cumulative frequency proportions are not reported for this scaling model.

47.5 - 50.0
25.5 - 30.0
11.5 - 11.5

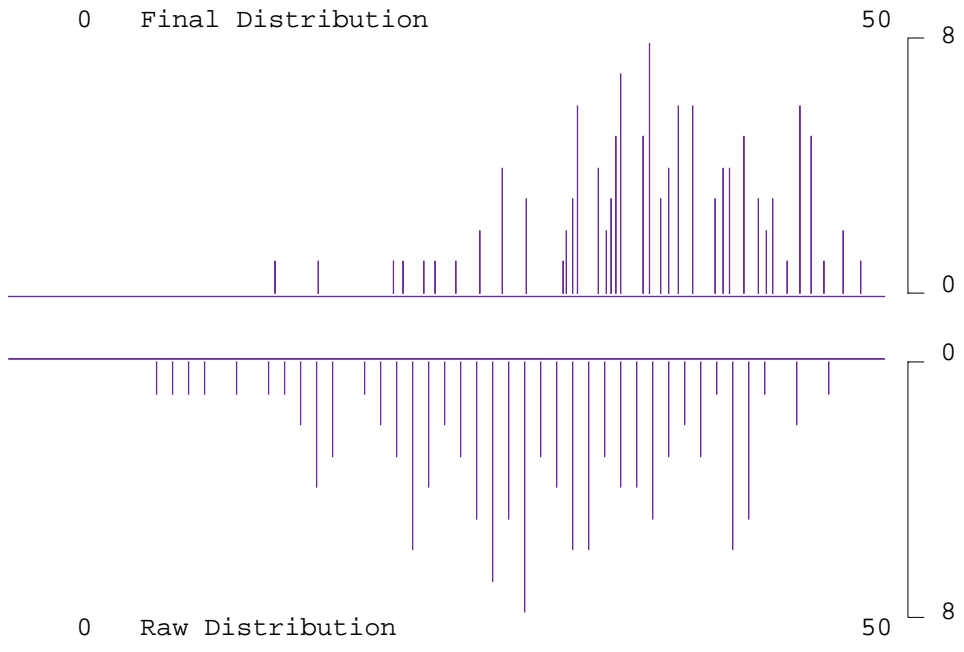


Higher School Certificate Examination 1999

Modern Greek - 3 unit - 21403

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	29.36	33.52	37.07	Candidature: 121
Std.Devn	9.19	7.01	6.88	
Minimum	6.00	12.90	13.40	Mapping Points Initial - Final
Median	29.00	33.00	36.80	
Maximum	48.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				25.5 - 30.0
				11.5 - 11.5

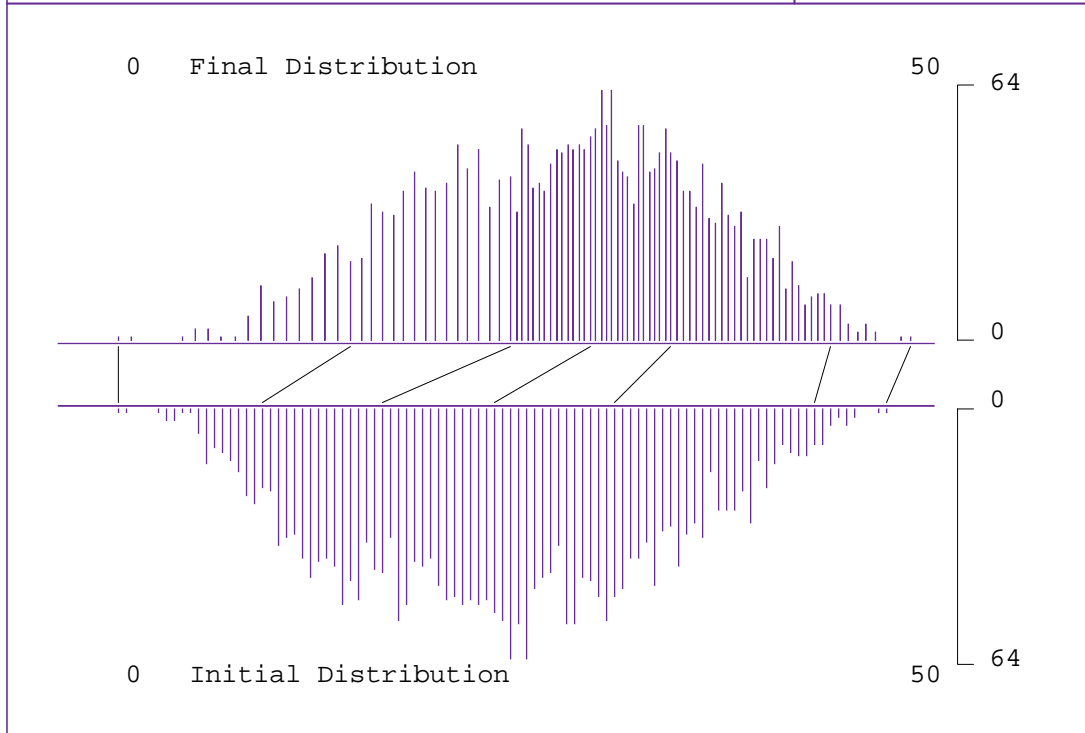


Higher School Certificate Examination 1999

Modern History (People and Events) - 2 unit - 20690

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	48.77	24.39	29.50	Candidature: 2785	
Std.Devn	18.77	9.39	7.99		
Minimum	1.00	0.50	0.50		
Median	49.00	24.50	30.30		
Maximum	97.00	48.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	32	1.15	32	1.15	48.5 - 50.0
35 - 44.9	679	24.38	711	25.53	44.0 - 45.0
25 - 34.9	1390	49.91	2101	75.44	31.5 - 35.0
15 - 24.9	557	20.00	2658	95.44	24.0 - 30.0
0 - 14.9	127	4.56	2785	100.00	17.0 - 25.0
					9.5 - 15.0
					0.5 - 0.5

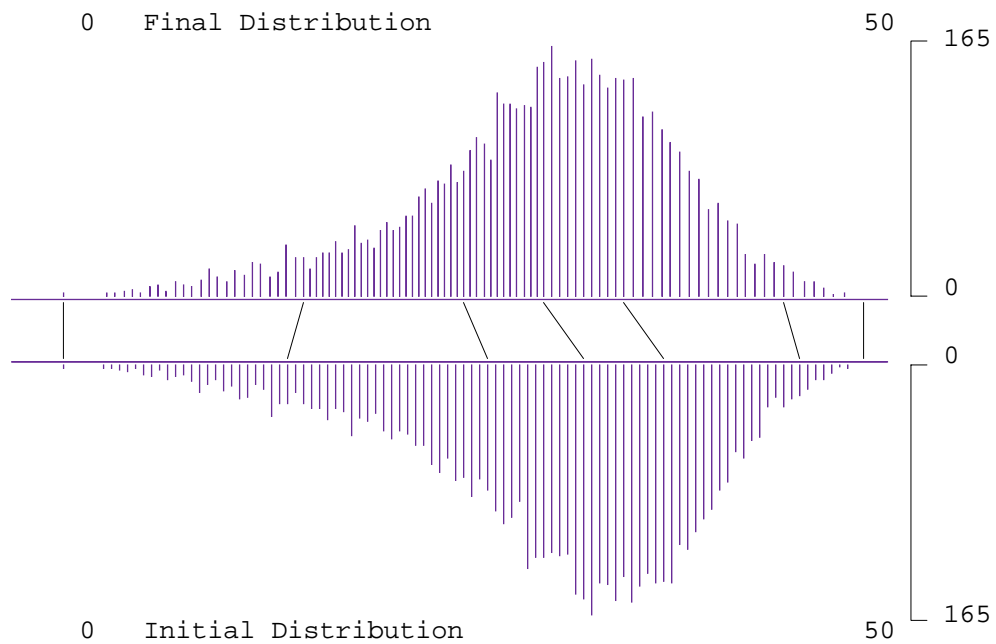


Higher School Certificate Examination 1999

Modern History - 2/3 unit - 20700

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	61.86	30.93	29.25	Candidature: 5682	
Std.Devn	16.90	8.45	7.72		
Minimum	0.00	0.00	0.00		
Median	65.00	32.50	30.00		
Maximum	98.00	49.00	48.80		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	62	1.09	62	1.09	46.0 - 45.0
35 - 44.9	1308	23.02	1370	24.11	37.5 - 35.0
25 - 34.9	2876	50.62	4246	74.73	32.5 - 30.0
15 - 24.9	1169	20.57	5415	95.30	26.5 - 25.0
0 - 14.9	267	4.70	5682	100.00	14.0 - 15.0
					0.0 - 0.0

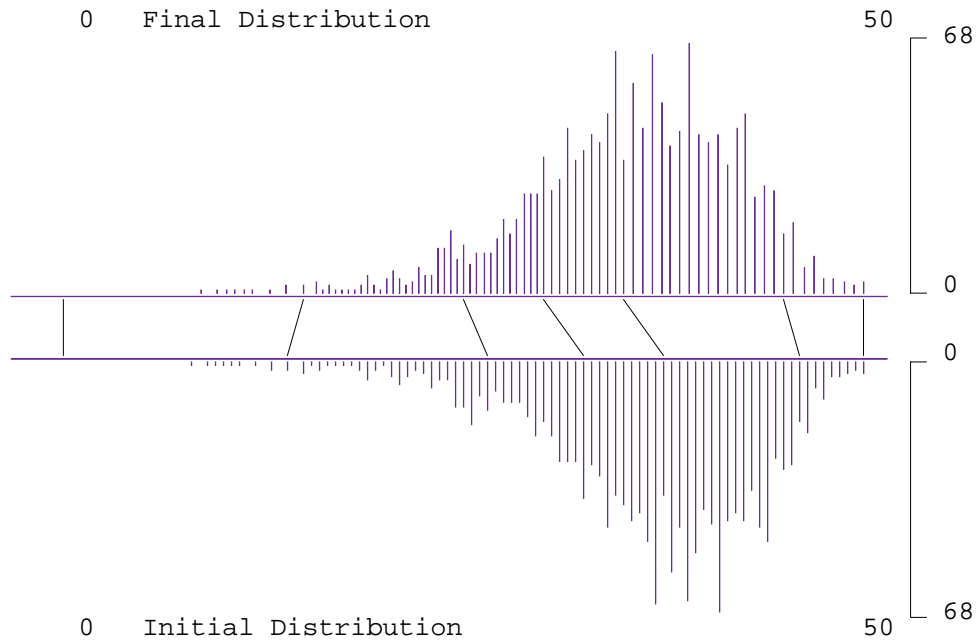


Higher School Certificate Examination 1999

Modern History - 2/3 unit - 20700

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	73.62	36.81	34.90	Candidature: 1552	
Std.Devn	13.15	6.57	6.57		
Minimum	16.00	8.00	8.60		
Median	76.00	38.00	35.60		
Maximum	100.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	68	4.38	68	4.38	46.0 - 45.0
35 - 44.9	746	48.07	814	52.45	37.5 - 35.0
25 - 34.9	621	40.01	1435	92.46	32.5 - 30.0
15 - 24.9	108	6.96	1543	99.42	26.5 - 25.0
0 - 14.9	9	0.58	1552	100.00	14.0 - 15.0
					0.0 - 0.0

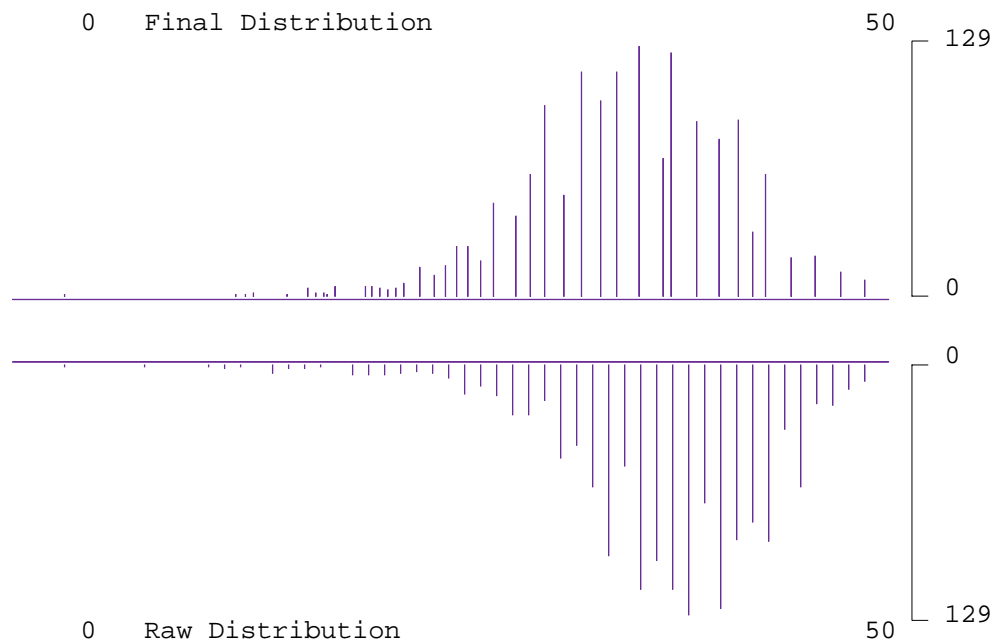


Higher School Certificate Examination 1999

Modern History - 3 unit - 20701

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	37.63	36.63	34.65	Candidature: 1540	
Std.Devn	6.27	6.49	6.57		
Minimum	0.00	0.00	0.00		
Median	38.00	37.00	34.50		
Maximum	50.00	50.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
					46.0 - 45.0
					37.5 - 35.0
45 - 50.0	61	3.96	61	3.96	32.5 - 30.0
35 - 44.9	684	44.42	745	48.38	27.0 - 25.0
25 - 34.9	679	44.09	1424	92.47	14.0 - 15.0
15 - 24.9	110	7.14	1534	99.61	0.0 - 0.0
0 - 14.9	6	0.39	1540	100.00	

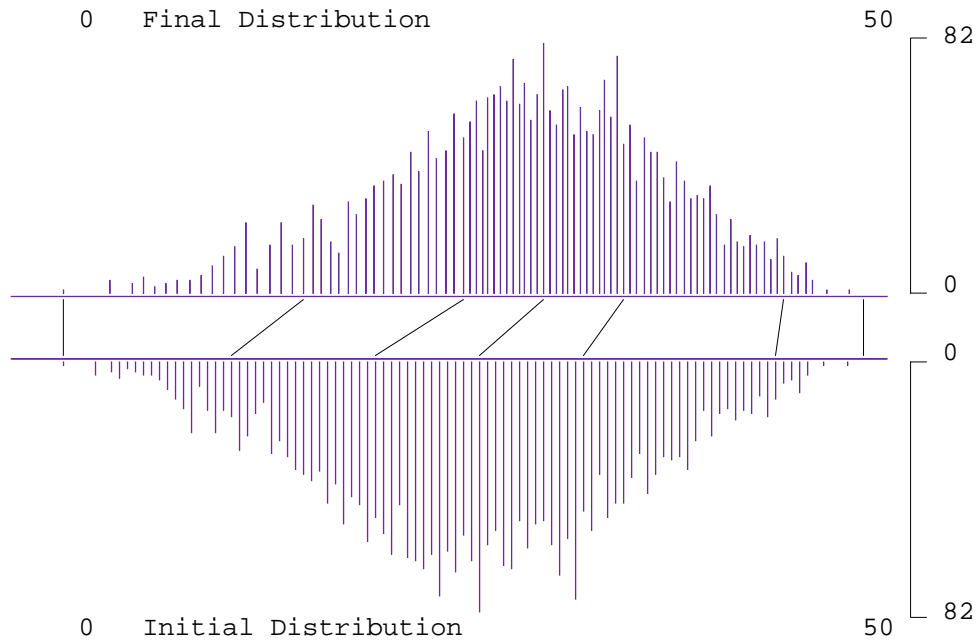


Higher School Certificate Examination 1999

Music(Board) Course 1 - 2 unit - 22230

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	51.52	25.76	29.39	Candidature: 3182	
Std.Devn	18.03	9.01	7.95		
Minimum	0.00	0.00	0.00		
Median	52.00	26.00	30.00		
Maximum	98.00	49.00	49.10		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	50.0 - 50.0
45 - 50.0	41	1.29	41	1.29	44.5 - 45.0
35 - 44.9	740	23.26	781	24.54	32.5 - 35.0
25 - 34.9	1623	51.01	2404	75.55	26.0 - 30.0
15 - 24.9	624	19.61	3028	95.16	19.5 - 25.0
0 - 14.9	154	4.84	3182	100.00	10.5 - 15.0
					0.0 - 0.0

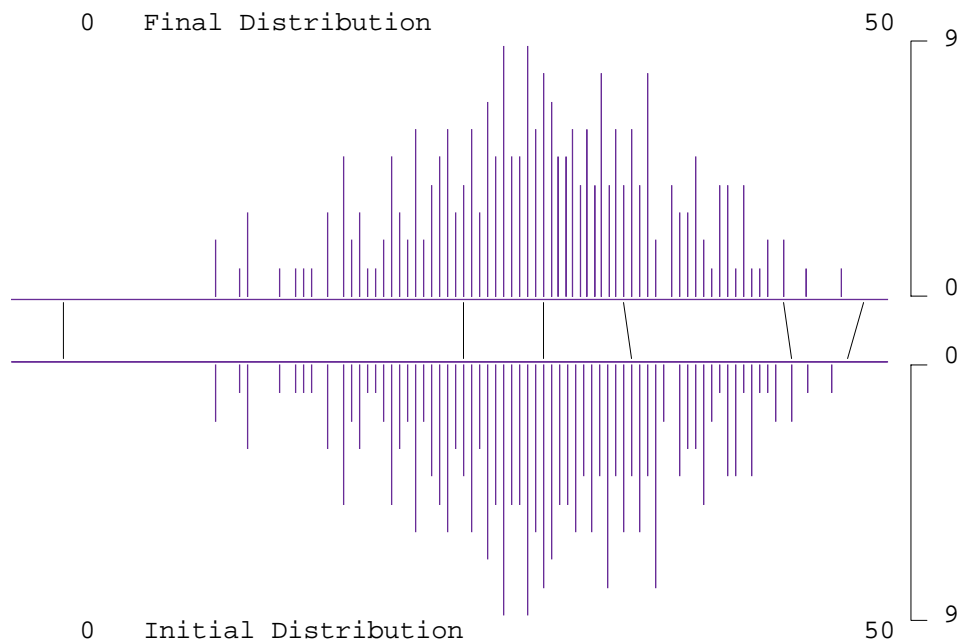


Higher School Certificate Examination 1999

Music(Board) - 2/3 unit - 22231

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	59.67	29.83	29.66	Candidature: 248	
Std.Devn	15.64	7.82	7.65		
Minimum	19.00	9.50	9.50		
Median	60.00	30.00	30.00		
Maximum	96.00	48.00	48.60		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	49.0 - 50.0
					45.5 - 45.0
					35.5 - 35.0
					30.0 - 30.0
					25.0 - 25.0
					0.0 - 0.0
45 - 50.0	4	1.61	4	1.61	
35 - 44.9	59	23.79	63	25.40	
25 - 34.9	122	49.19	185	74.60	
15 - 24.9	55	22.18	240	96.77	
0 - 14.9	8	3.23	248	100.00	

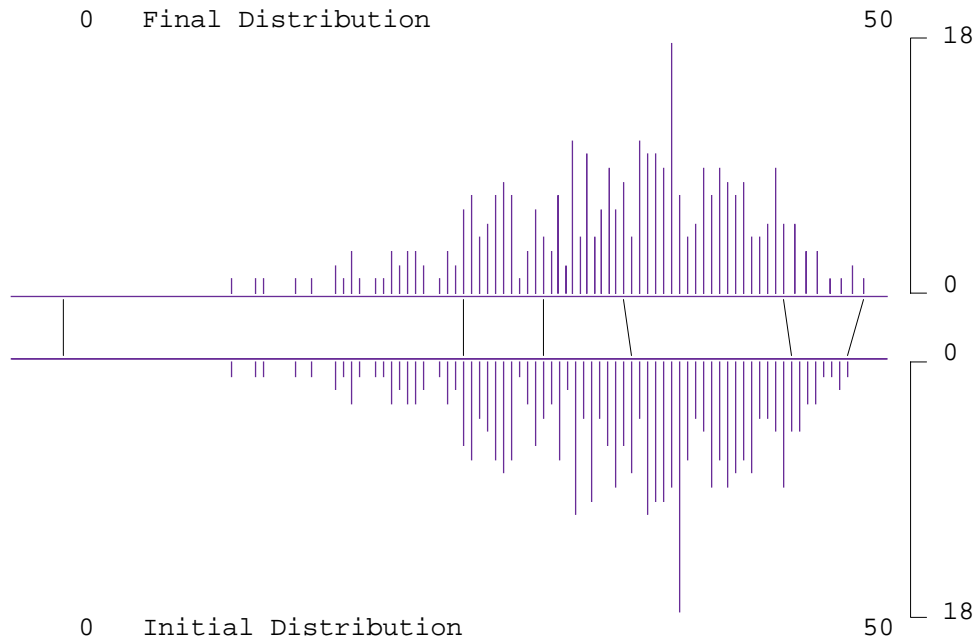


Higher School Certificate Examination 1999

Music(Board) - 2/3 unit - 22231

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	69.55	34.78	34.49	Candidature: 330	
Std.Devn	15.51	7.75	7.61		
Minimum	21.00	10.50	10.50		
Median	73.00	36.50	36.00		
Maximum	98.00	49.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	21	6.36	21	6.36	49.0 - 50.0
35 - 44.9	156	47.27	177	53.64	45.5 - 45.0
25 - 34.9	120	36.36	297	90.00	35.5 - 35.0
15 - 24.9	29	8.79	326	98.79	30.0 - 30.0
0 - 14.9	4	1.21	330	100.00	25.0 - 25.0
					0.0 - 0.0

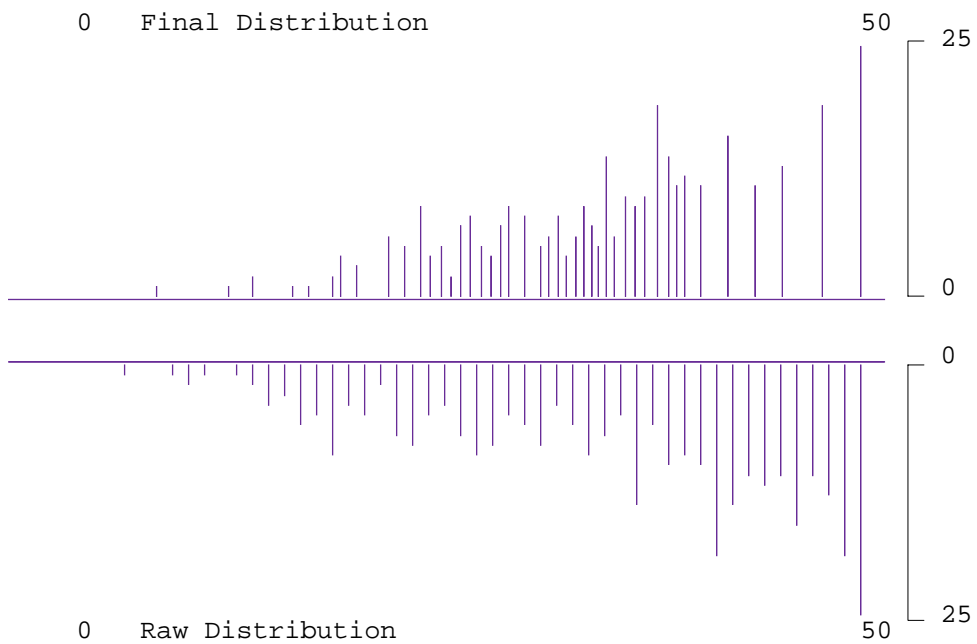


Higher School Certificate Examination 1999

Music(Board) - 3 unit - 22232

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	35.50	35.04	34.88	Candidature: 344	
Std.Devn	11.45	8.81	8.86		
Minimum	4.00	6.00	6.00		
Median	38.00	35.80	35.30		
Maximum	50.00	49.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	49.0 - 50.0
					45.5 - 45.0
					35.5 - 35.0
					30.0 - 30.0
					25.0 - 25.0
					6.0 - 6.0
45 - 50.0	57	16.57	57	16.57	
35 - 44.9	123	35.76	180	52.33	
25 - 34.9	118	34.30	298	86.63	
15 - 24.9	41	11.92	339	98.55	
0 - 14.9	5	1.45	344	100.00	



Higher School Certificate Examination 1999

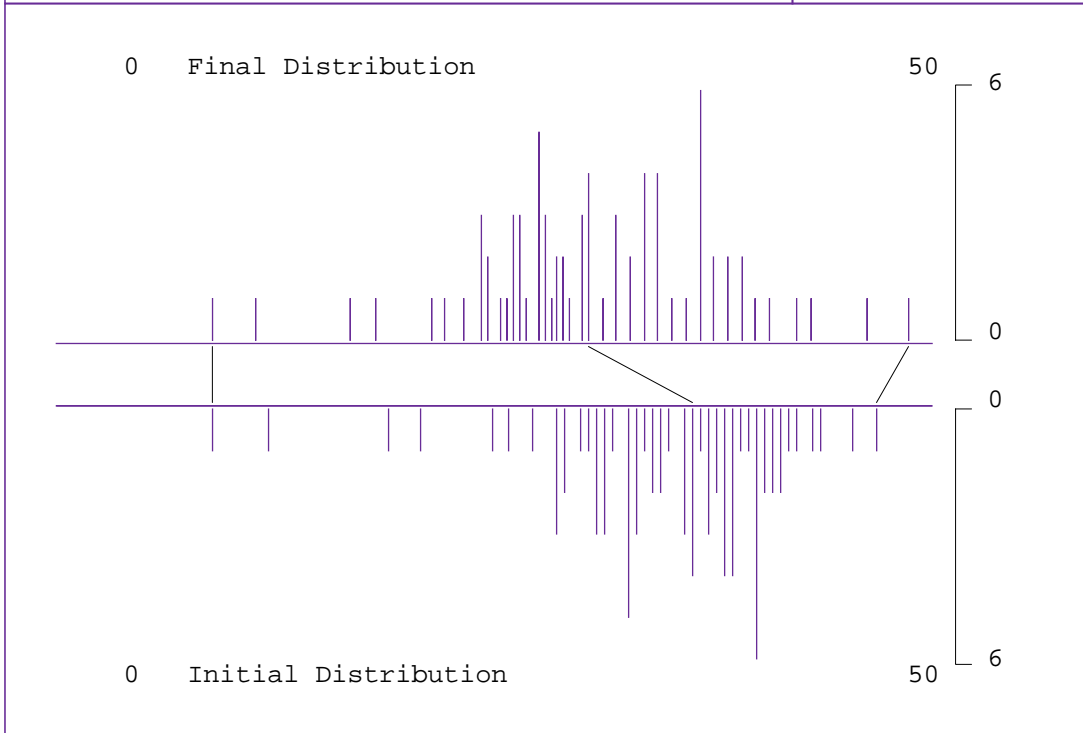
Persian - 2 unit - 21405

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	69.53	34.76	30.33	Candidature: 76
Std.Devn	14.45	7.23	7.59	
Minimum	13.00	6.50	6.50	Mapping Points Initial - Final
Median	73.00	36.50	30.00	
Maximum	96.00	48.00	50.00	

Cumulative frequency proportions are not reported for this scaling model.

48.0	-	50.0
36.5	-	30.0
6.5	-	6.5

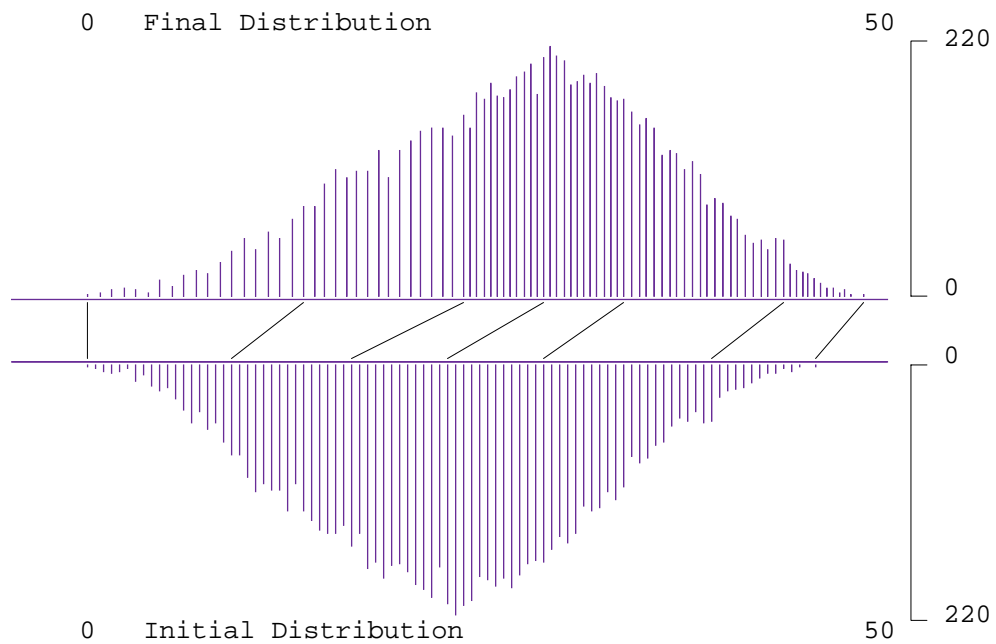


Higher School Certificate Examination 1999

Personal Development, Health and P.E. - 2 unit - 22600

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	47.88	23.94	29.46	Candidature: 9033	
Std.Devn	16.65	8.33	8.20		
Minimum	3.00	1.50	1.50		
Median	48.00	24.00	30.00		
Maximum	94.00	47.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	193	2.14	193	2.14	47.0 - 50.0
35 - 44.9	2135	23.64	2328	25.77	40.5 - 45.0
25 - 34.9	4486	49.66	6814	75.43	30.0 - 35.0
15 - 24.9	1771	19.61	8585	95.04	24.0 - 30.0
0 - 14.9	448	4.96	9033	100.00	18.0 - 25.0
					10.5 - 15.0
					1.5 - 1.5

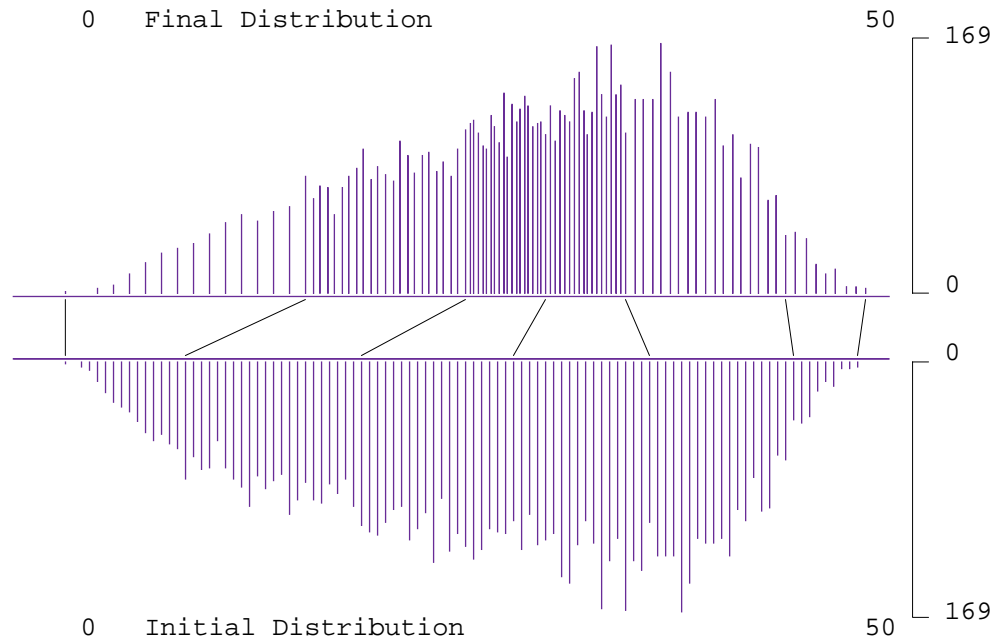


Higher School Certificate Examination 1999

Physics - 2 unit - 20290

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	53.72	26.86	29.41	Candidature: 8852	
Std.Devn	22.76	11.38	8.53		
Minimum	0.00	0.00	0.00		
Median	56.00	28.00	30.00		
Maximum	99.00	49.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	176	1.99	176	1.99	49.5 - 50.0
35 - 44.9	2047	23.12	2223	25.11	45.5 - 45.0
25 - 34.9	4389	49.58	6612	74.69	36.5 - 35.0
15 - 24.9	1803	20.37	8415	95.06	28.0 - 30.0
0 - 14.9	437	4.94	8852	100.00	18.5 - 25.0
					7.5 - 15.0
					0.0 - 0.0

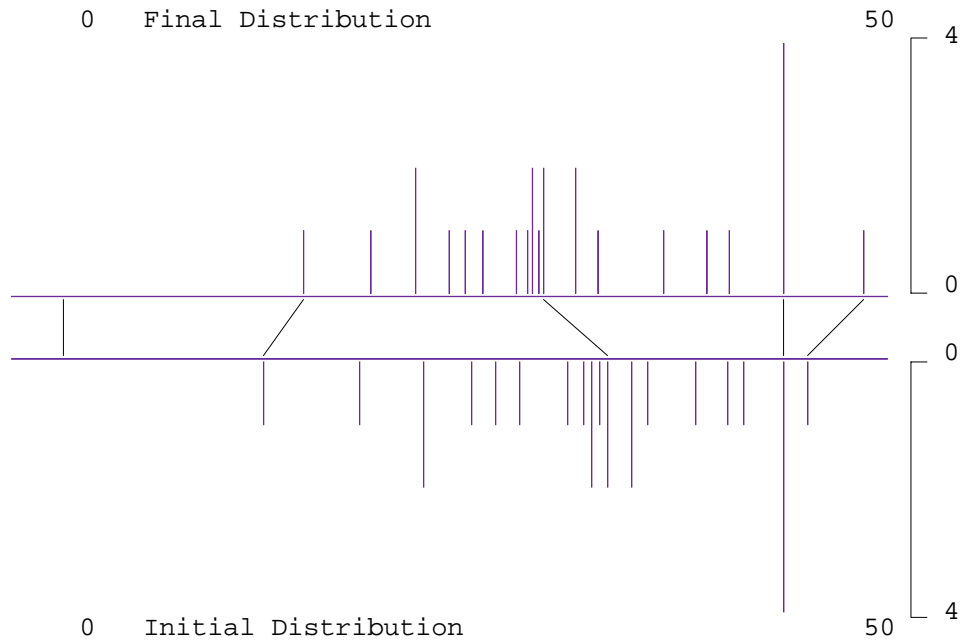


Higher School Certificate Examination 1999

Polish - 2 unit - 21410

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	67.68	33.84	32.24	Candidature: 25
Std.Devn	17.61	8.81	9.03	
Minimum	25.00	12.50	15.00	Mapping Points Initial - Final
Median	68.00	34.00	30.00	
Maximum	93.00	46.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				46.5 - 50.0
				45.0 - 45.0
				34.0 - 30.0
				12.5 - 15.0
				0.0 - 0.0



Higher School Certificate Examination 1999

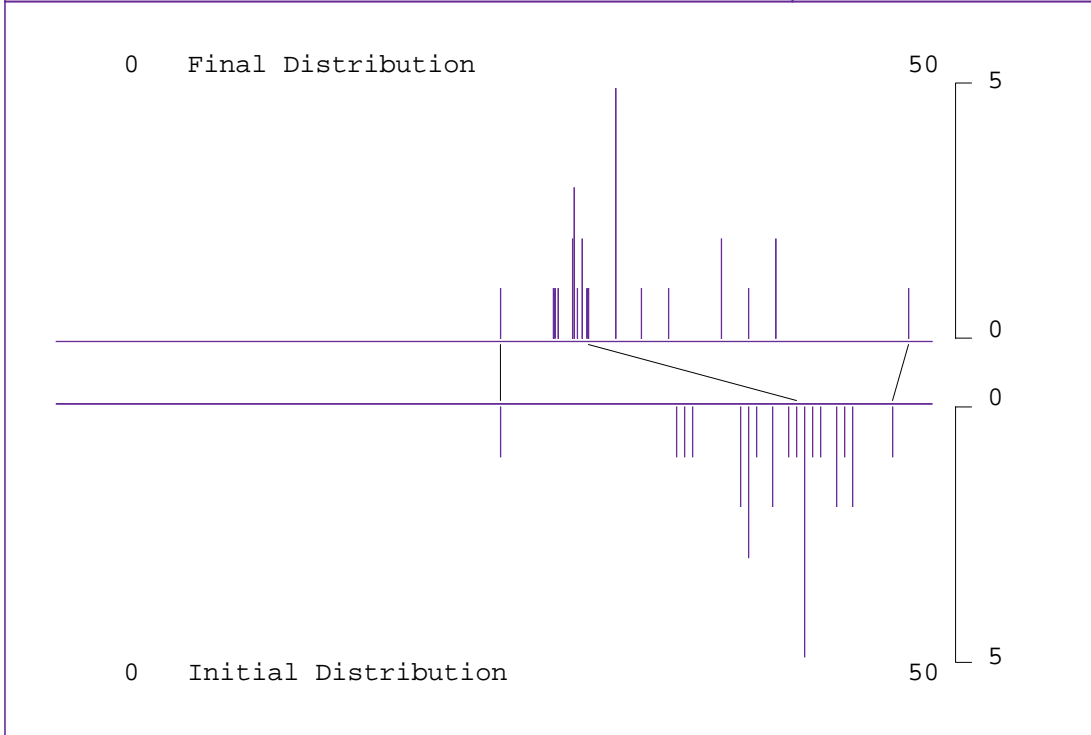
Portuguese - 2 unit - 21415

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	83.37	41.69	32.55	Candidature: 27
Std.Devn	9.37	4.68	5.56	
Minimum	49.00	24.50	24.50	Mapping Points Initial - Final
Median	86.00	43.00	30.00	
Maximum	98.00	49.00	50.00	

Cumulative frequency proportions are not reported for this scaling model.

49.0	-	50.0
43.0	-	30.0
24.5	-	24.5

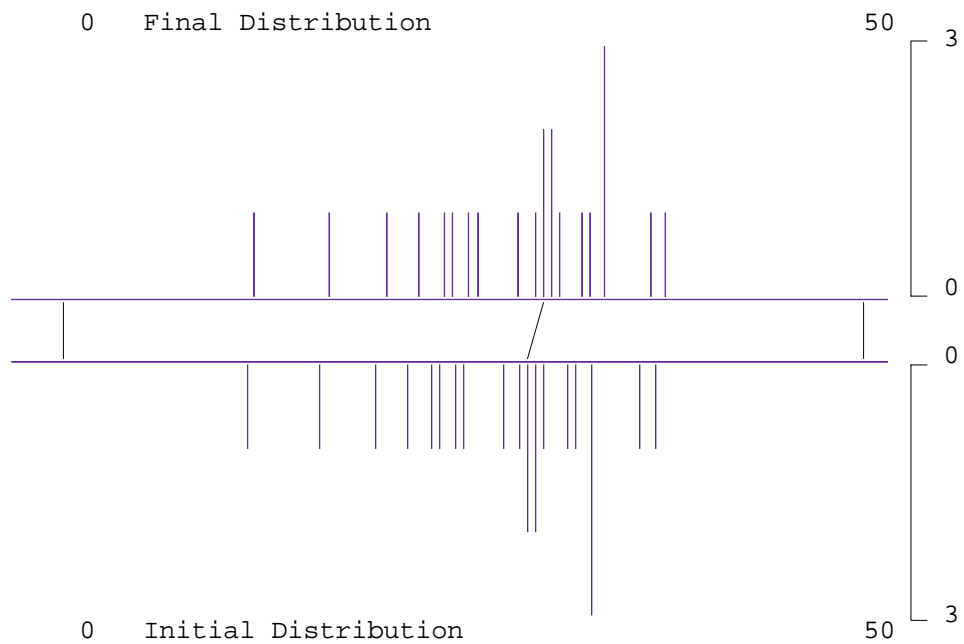


Higher School Certificate Examination 1999

Rural Technology - 2 unit - 21890

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	54.82	27.41	28.23	Candidature: 22
Std.Devn	12.42	6.21	6.29	
Minimum	23.00	11.50	11.90	Mapping Points Initial - Final
Median	58.00	29.00	30.00	
Maximum	74.00	37.00	37.60	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				50.0 - 50.0
				29.0 - 30.0
				0.0 - 0.0



Higher School Certificate Examination 1999

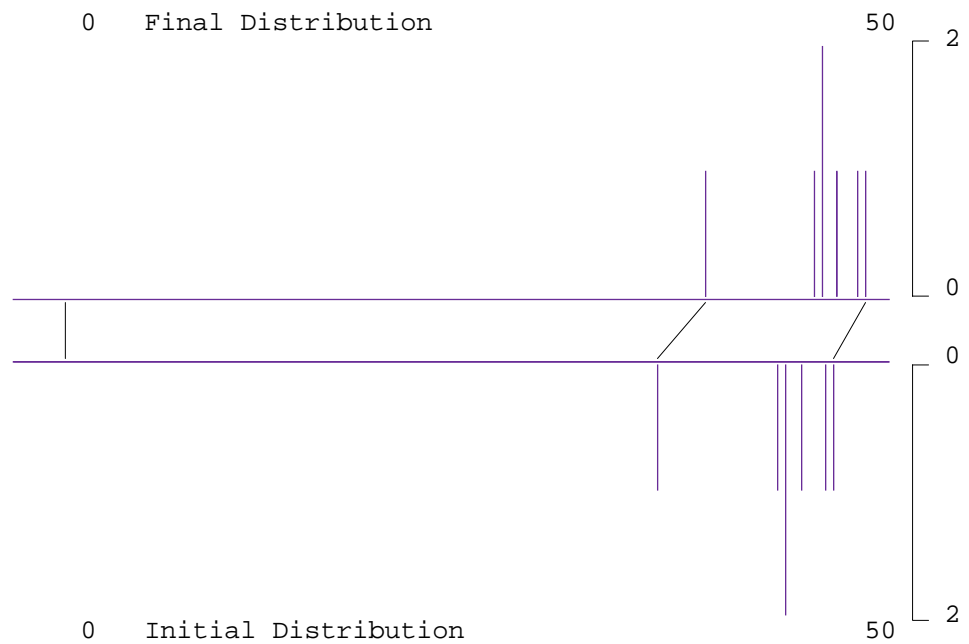
Russian Z - 2 unit - 21420

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	89.43	44.71	47.01	Candidature: 7
Std.Devn	6.76	3.38	3.07	
Minimum	74.00	37.00	40.00	Mapping Points Initial - Final
Median	90.00	45.00	47.30	
Maximum	96.00	48.00	50.00	

Cumulative frequency proportions are not reported for this scaling model.

48.0 - 50.0
37.0 - 40.0
0.0 - 0.0

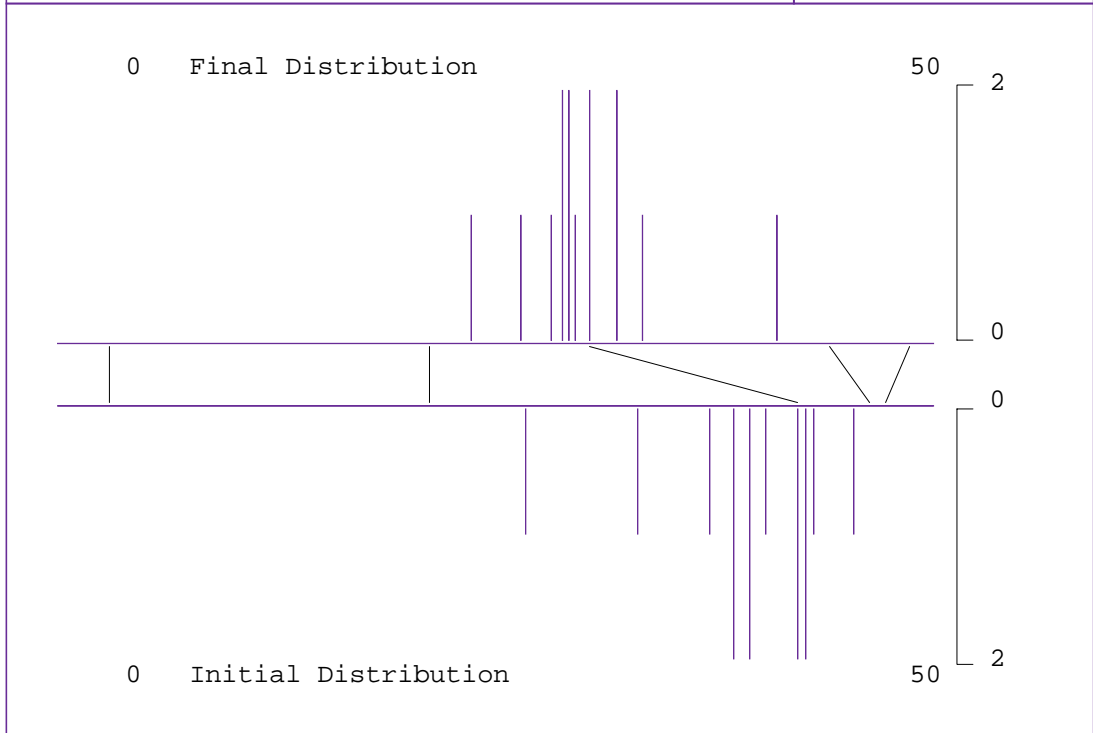


Higher School Certificate Examination 1999

Russian - 2/3 unit - 21422

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	79.86	39.93	29.81	Candidature: 14
Std.Devn	10.07	5.04	4.16	
Minimum	52.00	26.00	22.60	Mapping Points Initial - Final
Median	82.00	41.00	29.10	
Maximum	93.00	46.50	41.70	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				47.5 - 45.0
				43.0 - 30.0
				20.0 - 20.0
				0.0 - 0.0

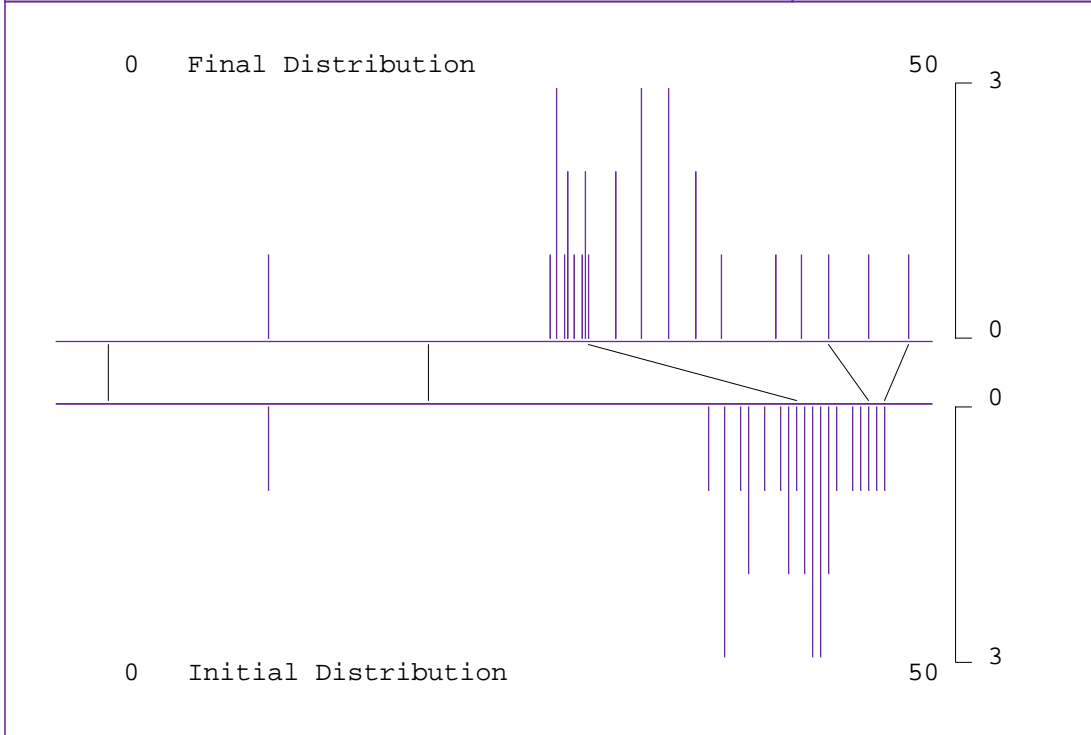


Higher School Certificate Examination 1999

Russian - 2/3 unit - 21422

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	84.07	42.03	33.22	Candidature: 29
Std.Devn	13.48	6.74	7.52	
Minimum	20.00	10.00	10.00	Mapping Points Initial - Final
Median	87.00	43.50	31.70	
Maximum	97.00	48.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				47.5 - 45.0
				43.0 - 30.0
				20.0 - 20.0
				0.0 - 0.0

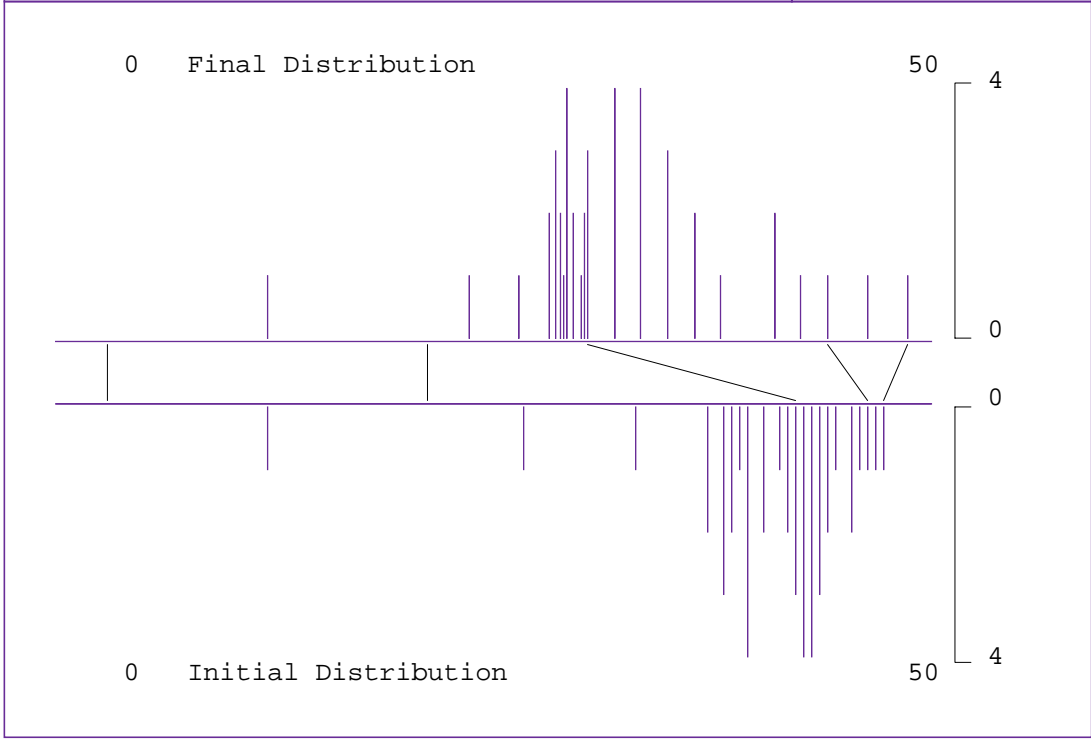


Higher School Certificate Examination 1999

Russian - 2/3 unit - 21422

Performance of **2 unit and 3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	82.70	41.35	32.11	Candidature: 43
Std.Devn	12.63	6.31	6.81	
Minimum	20.00	10.00	10.00	Mapping Points Initial - Final
Median	86.00	43.00	30.00	
Maximum	97.00	48.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				47.5 - 45.0
				43.0 - 30.0
				20.0 - 20.0
				0.0 - 0.0

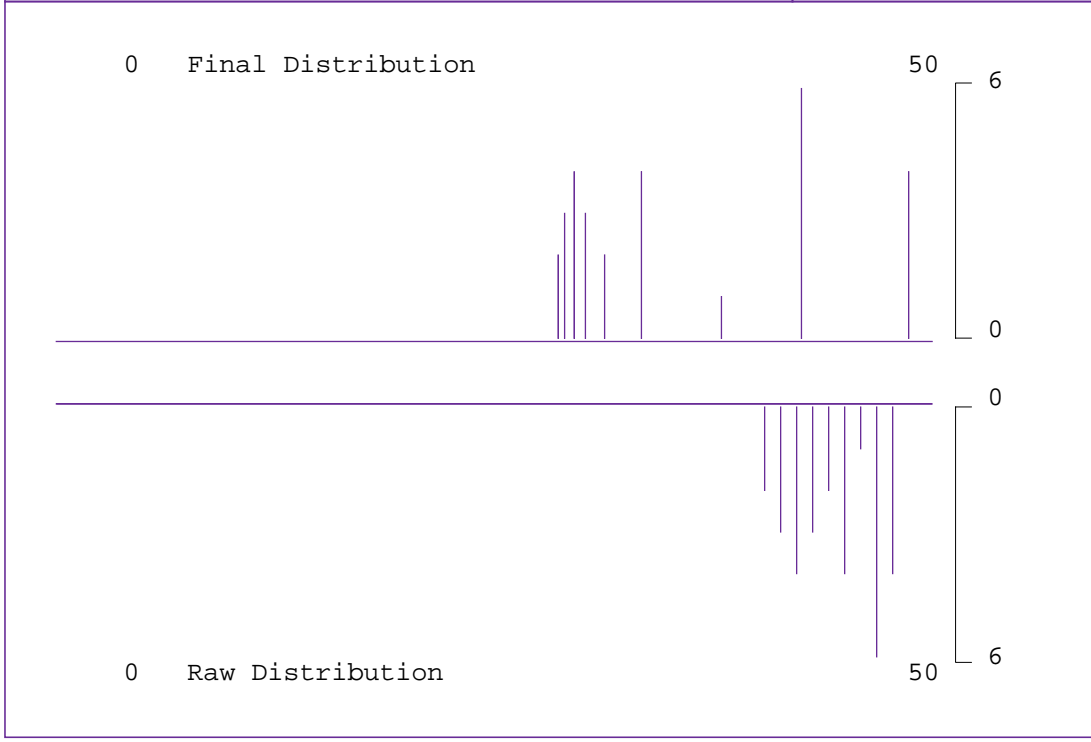


Higher School Certificate Examination 1999

Russian - 3 unit - 21423

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	45.41	43.84	35.89	Candidature: 29
Std.Devn	2.62	3.21	7.85	
Minimum	41.00	38.60	28.10	Mapping Points Initial - Final
Median	46.00	44.00	33.30	
Maximum	49.00	48.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				48.5 - 50.0
				47.5 - 45.0
				43.0 - 30.0
				20.0 - 20.0
				0.0 - 0.0

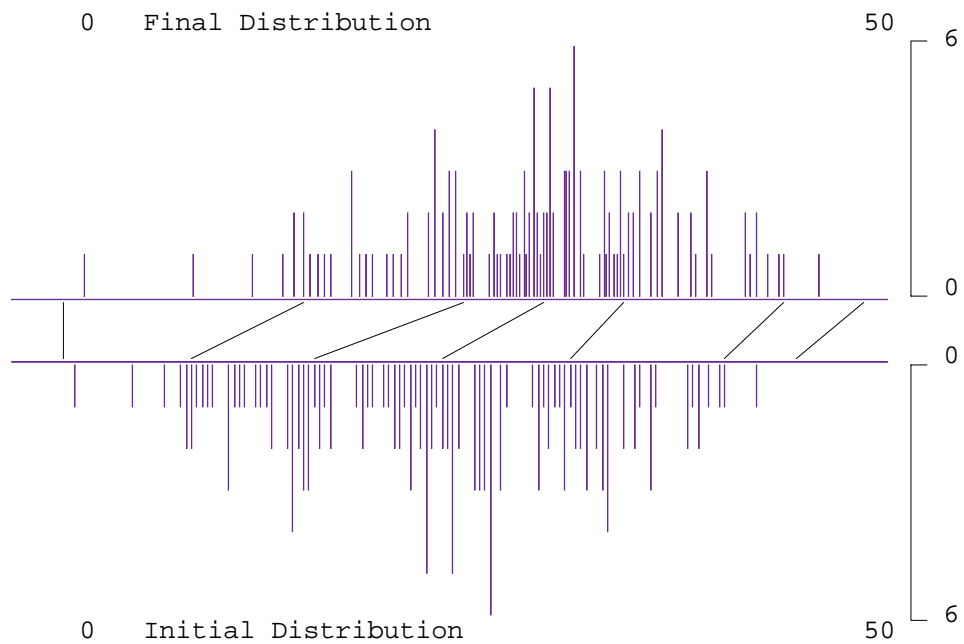


Higher School Certificate Examination 1999

Science - 3 unit - 20250

Performance of the Single **3 unit** candidature

	Raw/150	Initial/50	Final/50		
Mean	70.94	23.65	29.57	Candidature: 146	
Std.Devn	28.05	9.35	7.92		
Minimum	2.00	0.70	1.30	Mapping Points Initial - Final	
Median	73.00	24.30	30.40		
Maximum	130.00	43.30	47.20		
Cumulative frequency proportions are not reported for this scaling model.					45.8 - 50.0
					41.3 - 45.0
				31.7 - 35.0	
				23.7 - 30.0	
				15.7 - 25.0	
				8.0 - 15.0	
				0.0 - 0.0	

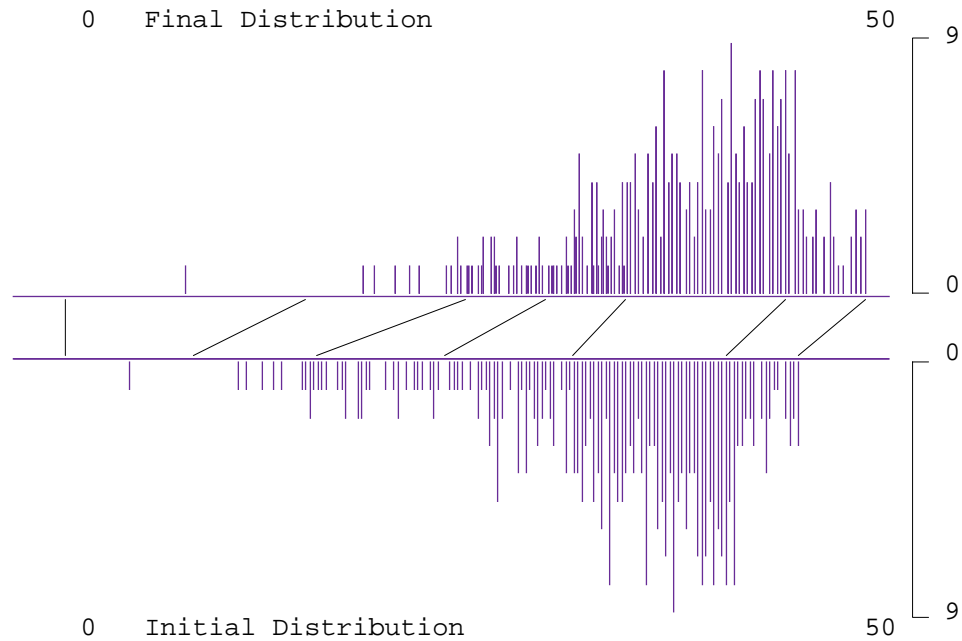


Higher School Certificate Examination 1999

Science - 4 unit - 20251

Performance of the Single 4 unit candidature

	Raw/200	Initial/50	Final/50		
Mean	137.58	34.42	38.65	Candidature: 331	
Std.Devn	30.82	7.70	6.63		
Minimum	16.00	4.00	7.50		
Median	145.00	36.30	39.80		
Maximum	183.00	45.80	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	54	16.31	54	16.31	45.8 - 50.0
35 - 44.9	190	57.40	244	73.72	41.3 - 45.0
25 - 34.9	76	22.96	320	96.68	31.7 - 35.0
15 - 24.9	10	3.02	330	99.70	23.7 - 30.0
0 - 14.9	1	0.30	331	100.00	15.7 - 25.0
					8.0 - 15.0
					0.0 - 0.0

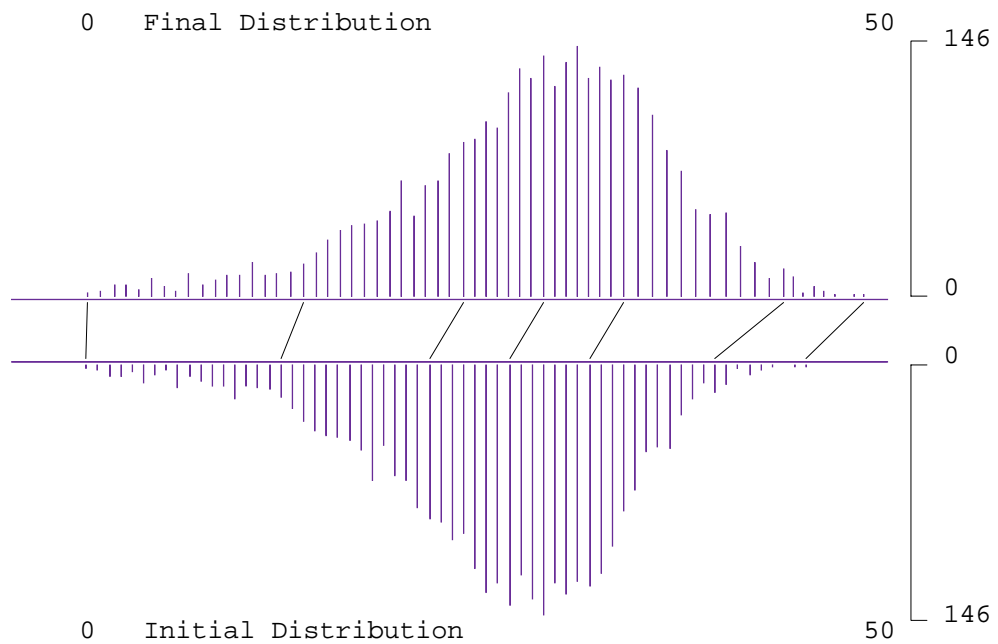


Higher School Certificate Examination 1999

Science for Life - 2 unit - 20310

Performance of the Single **2 unit** candidature

	Raw/70	Initial/50	Final/50		
Mean	37.77	26.98	29.13	Candidature: 3232	
Std.Devn	10.25	7.32	7.80		
Minimum	2.00	1.40	1.50		
Median	39.00	27.90	30.00		
Maximum	65.00	46.40	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	41	1.27	41	1.27	46.4 - 50.0
35 - 44.9	722	22.34	763	23.61	40.7 - 45.0
25 - 34.9	1694	52.41	2457	76.02	32.9 - 35.0
15 - 24.9	621	19.21	3078	95.24	27.9 - 30.0
0 - 14.9	154	4.76	3232	100.00	22.9 - 25.0
					13.6 - 15.0
					1.4 - 1.5



Higher School Certificate Examination 1999

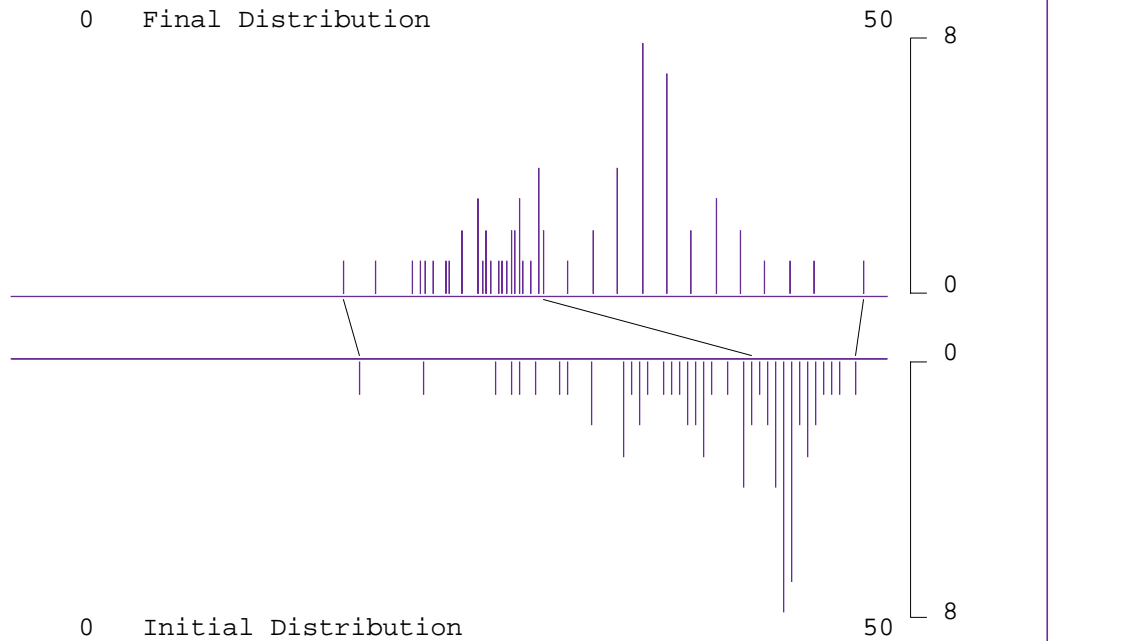
Serbian - 2 unit - 21430

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	81.40	40.70	32.15	Candidature: 68
Std.Devn	12.97	6.48	6.88	
Minimum	37.00	18.50	17.50	Mapping Points Initial - Final
Median	86.00	43.00	30.00	
Maximum	99.00	49.50	50.00	

Cumulative frequency proportions are not reported for this scaling model.

49.5 - 50.0
43.0 - 30.0
18.5 - 17.5

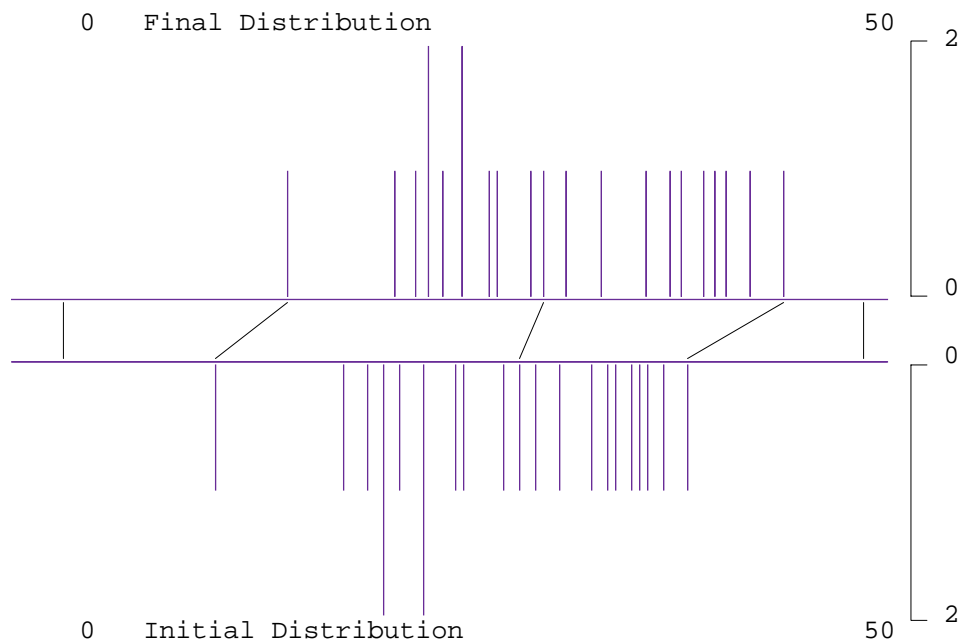


Higher School Certificate Examination 1999

Sheep Husbandry & Wool Technology - 2 unit - 21900

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	54.91	27.45	30.75	Candidature: 22
Std.Devn	15.40	7.70	8.36	
Minimum	19.00	9.50	14.00	Mapping Points Initial - Final
Median	57.00	28.50	30.00	
Maximum	78.00	39.00	45.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				50.0 - 50.0
				39.0 - 45.0
				28.5 - 30.0
				9.5 - 14.0
				0.0 - 0.0

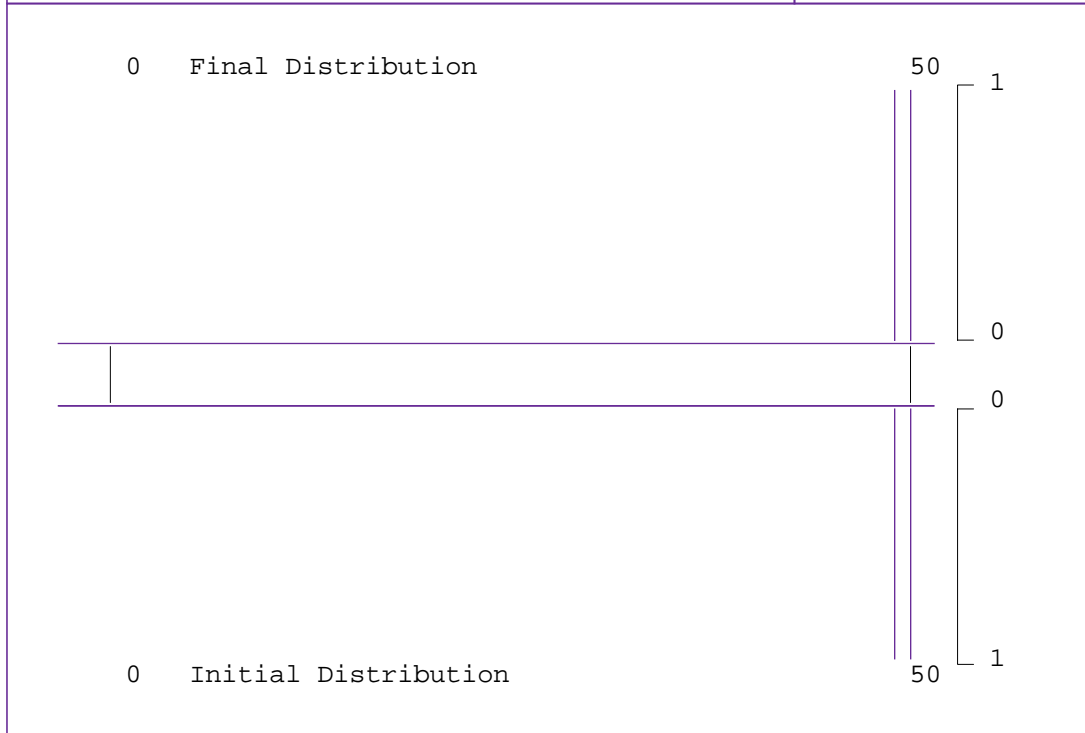


Higher School Certificate Examination 1999

Slovenian - 2 unit - 21440

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	99.00	49.50	49.50	Candidature: 2
Std.Devn	1.00	0.50	0.50	
Minimum	98.00	49.00	49.00	Mapping Points Initial - Final 50.0 - 50.0 0.0 - 0.0
Median	100.00	50.00	50.00	
Maximum	100.00	50.00	50.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

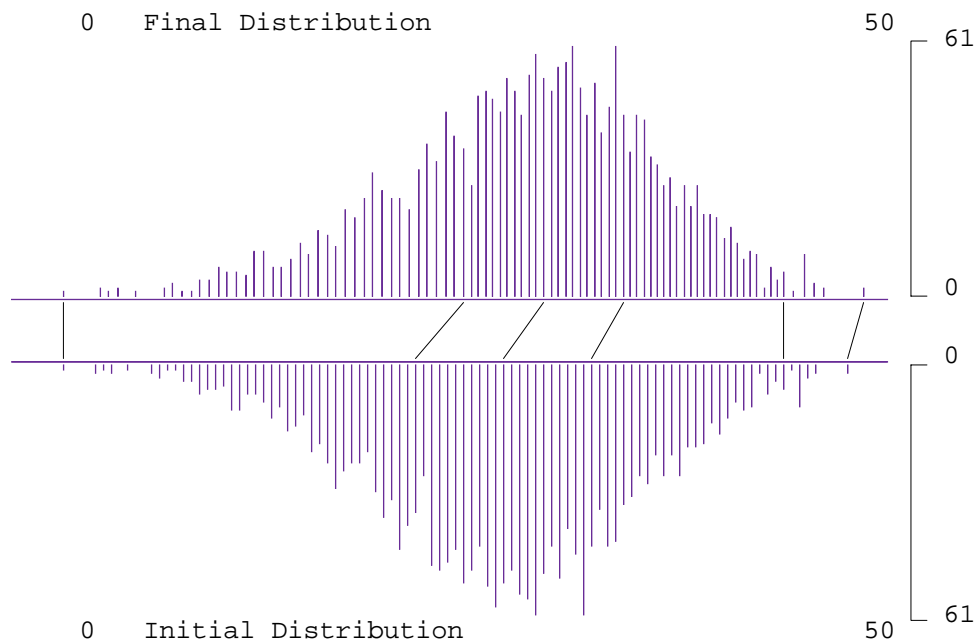


Higher School Certificate Examination 1999

Society & Culture - 2/3 unit - 20720

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	54.70	27.35	29.49	Candidature: 2173	
Std.Devn	16.17	8.08	7.76		
Minimum	0.00	0.00	0.00		
Median	55.00	27.50	30.00		
Maximum	98.00	49.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	24	1.10	24	1.10	49.0 - 50.0
35 - 44.9	532	24.48	556	25.59	45.0 - 45.0
25 - 34.9	1086	49.98	1642	75.56	33.0 - 35.0
15 - 24.9	427	19.65	2069	95.21	27.5 - 30.0
0 - 14.9	104	4.79	2173	100.00	22.0 - 25.0
					0.0 - 0.0

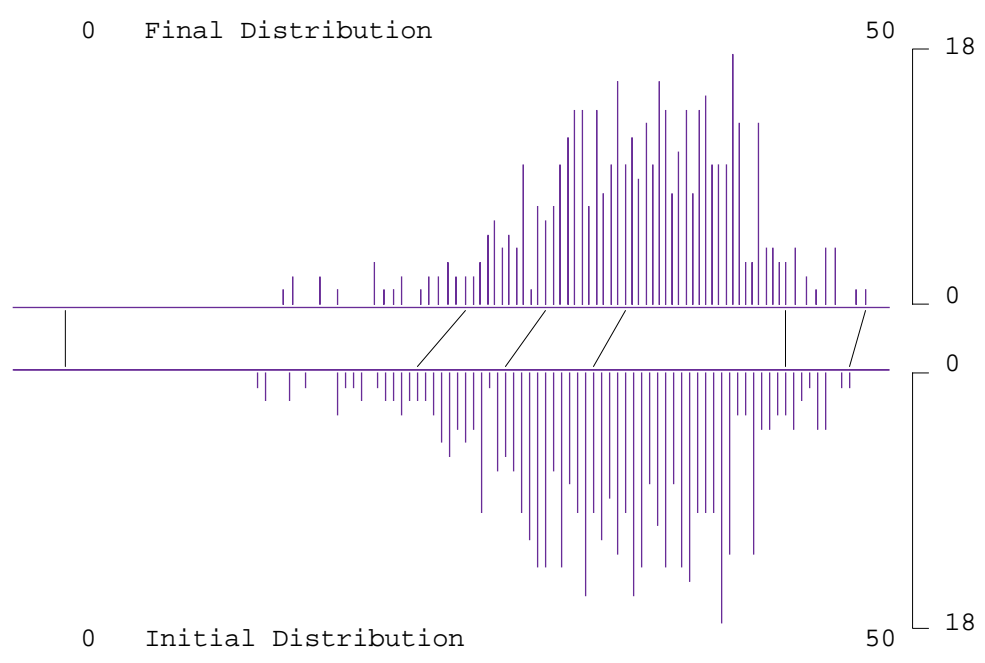


Higher School Certificate Examination 1999

Society & Culture - 2/3 unit - 20720

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	67.96	33.98	35.62	Candidature: 455	
Std.Devn	13.91	6.95	6.25		
Minimum	24.00	12.00	13.60		
Median	69.00	34.50	36.30		
Maximum	98.00	49.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	20	4.40	20	4.40	49.0 - 50.0
35 - 44.9	245	53.85	265	58.24	45.0 - 45.0
25 - 34.9	167	36.70	432	94.95	33.0 - 35.0
15 - 24.9	20	4.40	452	99.34	27.5 - 30.0
0 - 14.9	3	0.66	455	100.00	22.0 - 25.0
					0.0 - 0.0

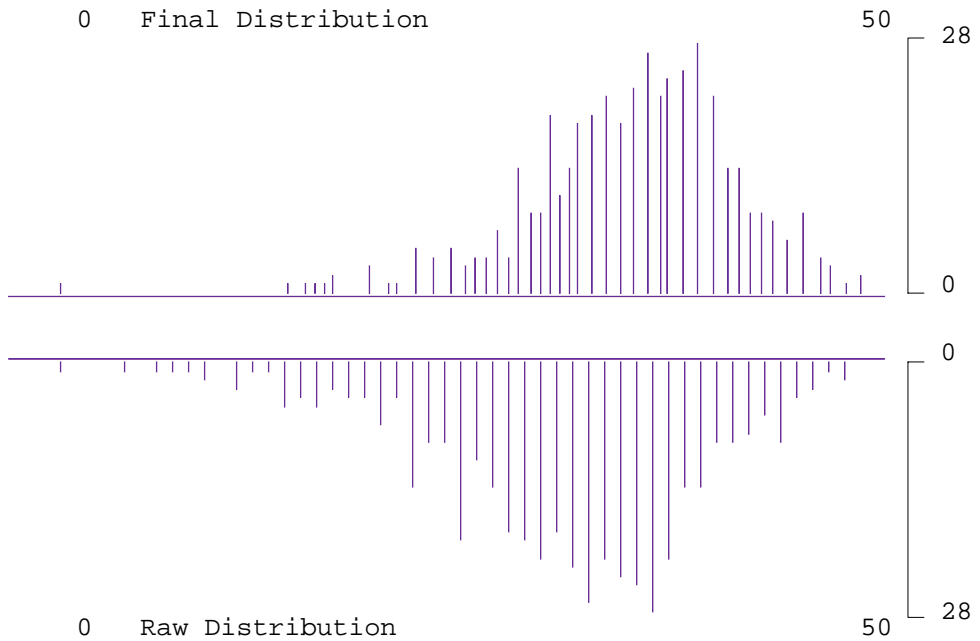


Higher School Certificate Examination 1999

Society & Culture - 3 unit - 20721

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	31.46	33.88	35.52	Candidature: 455	
Std.Devn	8.18	7.15	6.47		
Minimum	0.00	0.00	0.00	Mapping Points Initial - Final	
Median	32.00	34.00	35.80		
Maximum	49.00	49.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	25	5.49	25	5.49	49.0 - 50.0
35 - 44.9	244	53.63	269	59.12	45.0 - 45.0
25 - 34.9	160	35.16	429	94.29	33.0 - 35.0
15 - 24.9	24	5.27	453	99.56	27.5 - 30.0
0 - 14.9	2	0.44	455	100.00	22.0 - 25.0
					0.0 - 0.0

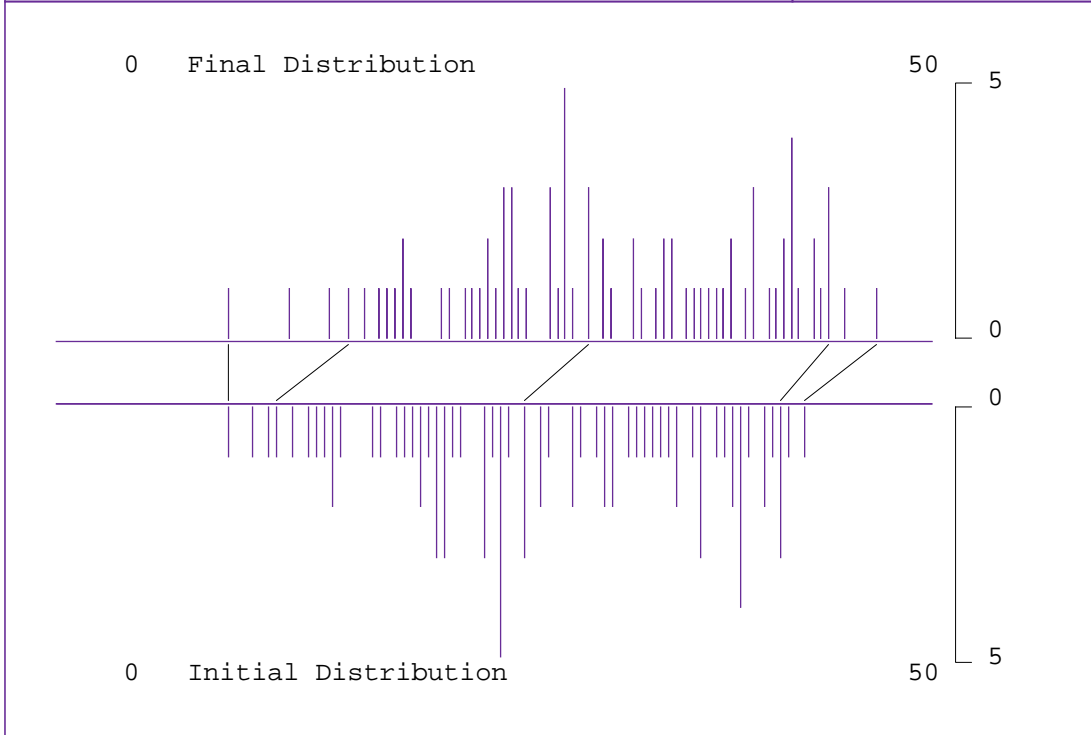


Higher School Certificate Examination 1999

Spanish Z - 2 unit - 21450

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	54.99	27.49	31.23	Candidature: 80	
Std.Devn	19.45	9.73	9.50		
Minimum	15.00	7.50	7.50	Mapping Points Initial - Final	
Median	54.00	27.00	30.90		
Maximum	87.00	43.50	48.00		
Cumulative frequency proportions are not reported for this scaling model.					43.5 - 48.0
					42.0 - 45.0
				26.0 - 30.0	
				10.5 - 15.0	
				7.5 - 7.5	

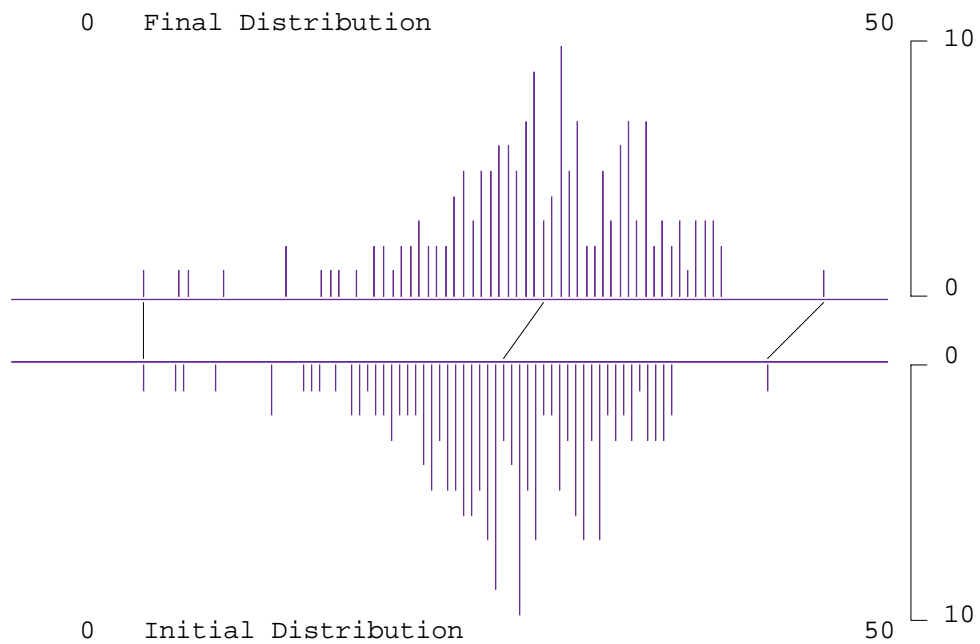


Higher School Certificate Examination 1999

Spanish - 2/3 unit - 21452

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	54.72	27.36	29.72	Candidature: 170
Std.Devn	12.66	6.33	6.90	
Minimum	10.00	5.00	5.00	Mapping Points Initial - Final
Median	55.00	27.50	30.00	
Maximum	88.00	44.00	47.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				44.0 - 47.5
				27.5 - 30.0
				5.0 - 5.0

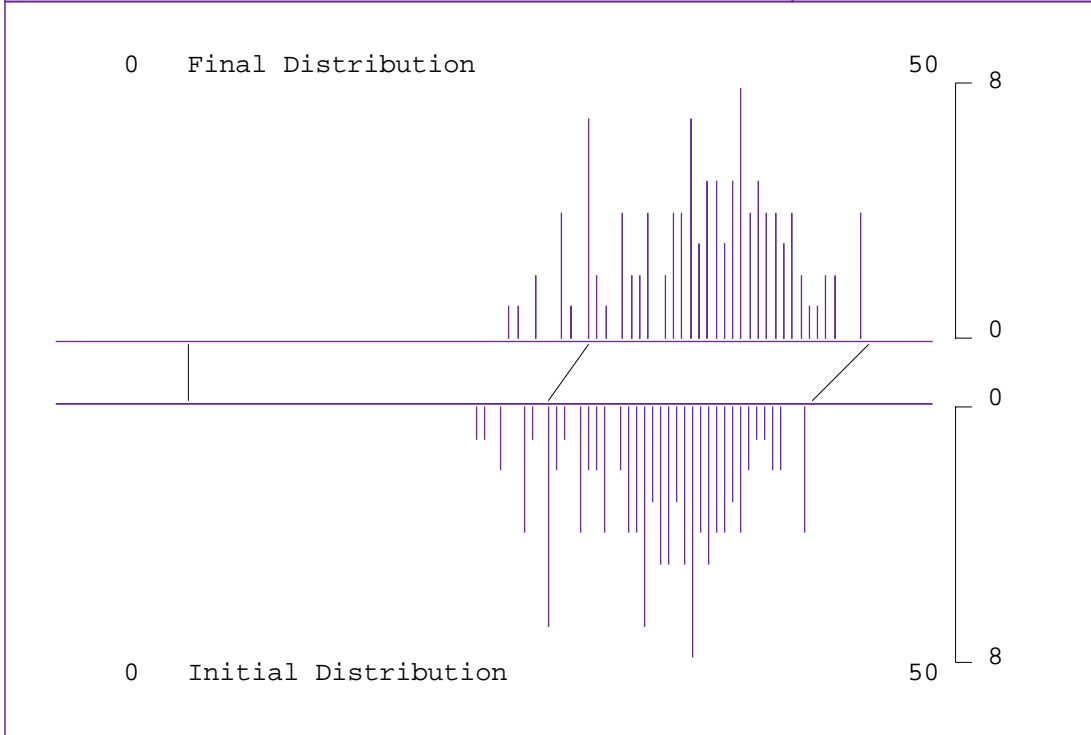


Higher School Certificate Examination 1999

Spanish - 2/3 unit - 21452

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	68.56	34.28	37.18	Candidature: 113
Std.Devn	9.59	4.79	5.10	
Minimum	46.00	23.00	25.00	Mapping Points Initial - Final
Median	70.00	35.00	38.00	
Maximum	87.00	43.50	47.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				44.0 - 47.5
				27.5 - 30.0
				5.0 - 5.0

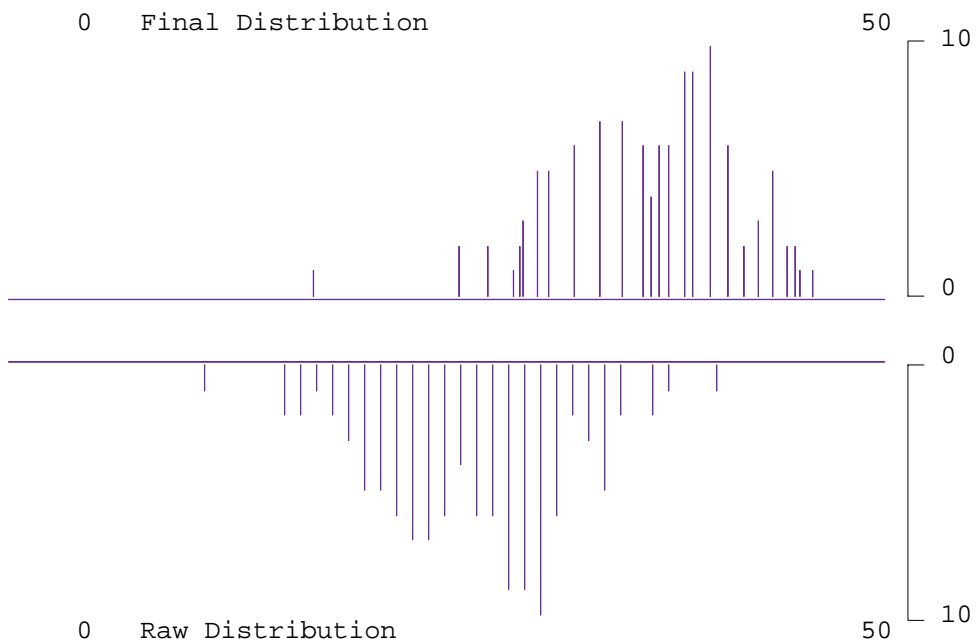


Higher School Certificate Examination 1999

Spanish - 3 unit - 21453

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50	
Mean	25.88	33.96	36.84	Candidature: 113
Std.Devn	5.79	5.14	5.49	
Minimum	9.00	14.70	15.80	Mapping Points Initial - Final
Median	26.00	34.50	37.40	
Maximum	41.00	43.50	47.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				44.0 - 47.5
				27.5 - 30.0
				5.0 - 5.0

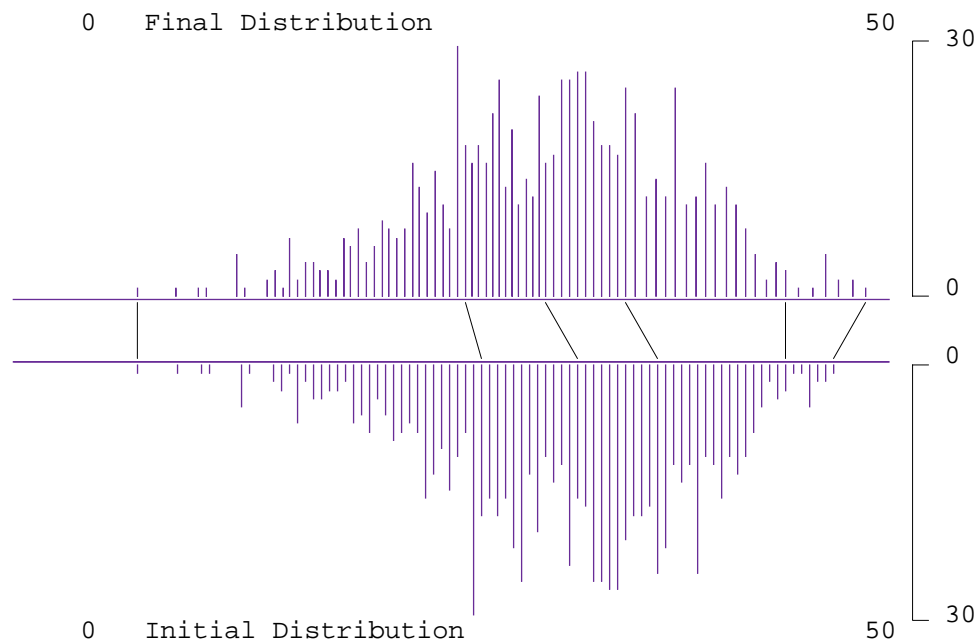


Higher School Certificate Examination 1999

Studies of Religion - 2 unit - 20710

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50		
Mean	62.29	31.15	29.81	Candidature: 848	
Std.Devn	15.26	7.63	7.49		
Minimum	9.00	4.50	4.50		
Median	64.00	32.00	30.00		
Maximum	96.00	48.00	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	15	1.77	15	1.77	48.0 - 50.0
35 - 44.9	203	23.94	218	25.71	45.0 - 45.0
25 - 34.9	423	49.88	641	75.59	37.0 - 35.0
15 - 24.9	182	21.46	823	97.05	32.0 - 30.0
0 - 14.9	25	2.95	848	100.00	26.0 - 25.0
					4.5 - 4.5

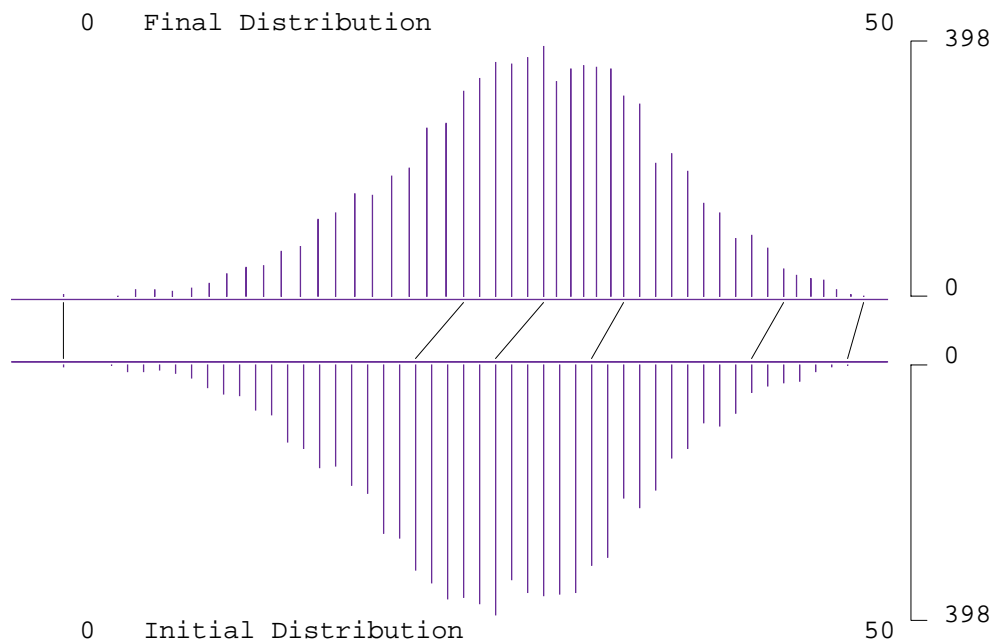


Higher School Certificate Examination 1999

Studies of Religion - 1 unit - 20711

Performance of the Single 1 unit candidature

	Raw/50	Initial/50	Final/50		
Mean	27.04	27.04	29.50	Candidature: 7816	
Std.Devn	7.78	7.78	7.70		
Minimum	0.00	0.00	0.00	Mapping Points Initial - Final	
Median	27.00	27.00	30.00		
Maximum	49.00	49.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	142	1.82	142	1.82	49.0 - 50.0
35 - 44.9	1815	23.22	1957	25.04	43.0 - 45.0
25 - 34.9	3998	51.15	5955	76.19	33.0 - 35.0
15 - 24.9	1519	19.43	7474	95.62	27.0 - 30.0
0 - 14.9	342	4.38	7816	100.00	22.0 - 25.0
					0.0 - 0.0

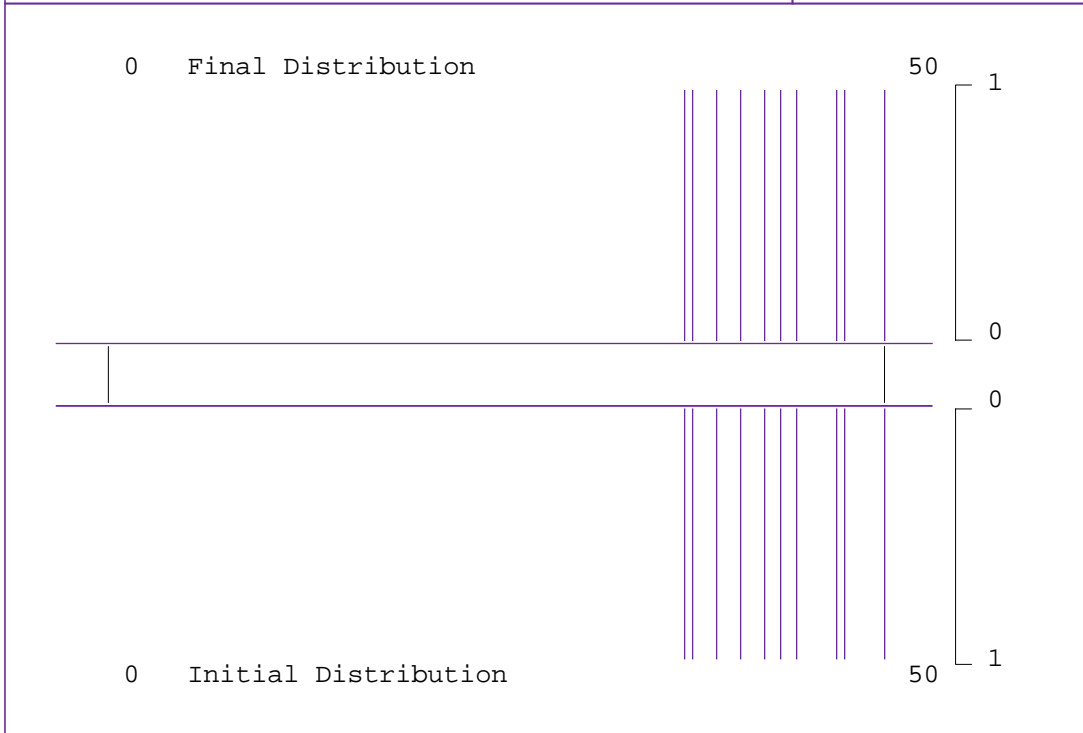


Higher School Certificate Examination 1999

Swedish - 2 unit - 21445

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	83.20	41.60	41.60	Candidature: 10
Std.Devn	7.98	3.99	3.99	
Minimum	72.00	36.00	36.00	Mapping Points Initial - Final 48.5 - 48.5 0.0 - 0.0
Median	84.00	42.00	42.00	
Maximum	97.00	48.50	48.50	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				

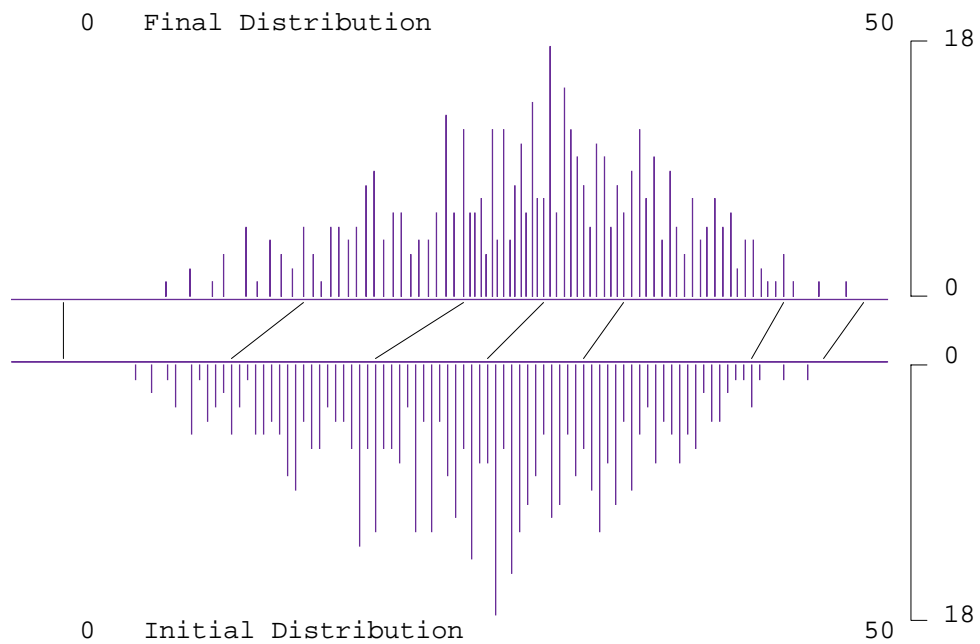


Higher School Certificate Examination 1999

Textiles & Design - 2/3 unit - 21920

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	51.26	25.63	29.29	Candidature: 465	
Std.Devn	17.74	8.87	8.00		
Minimum	9.00	4.50	6.40		
Median	53.00	26.50	30.00		
Maximum	93.00	46.50	48.90		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	47.5 - 50.0
					43.0 - 45.0
					32.5 - 35.0
					26.5 - 30.0
					19.5 - 25.0
					10.5 - 15.0
					0.0 - 0.0
45 - 50.0	6	1.29	6	1.29	
35 - 44.9	113	24.30	119	25.59	
25 - 34.9	227	48.82	346	74.41	
15 - 24.9	97	20.86	443	95.27	
0 - 14.9	22	4.73	465	100.00	

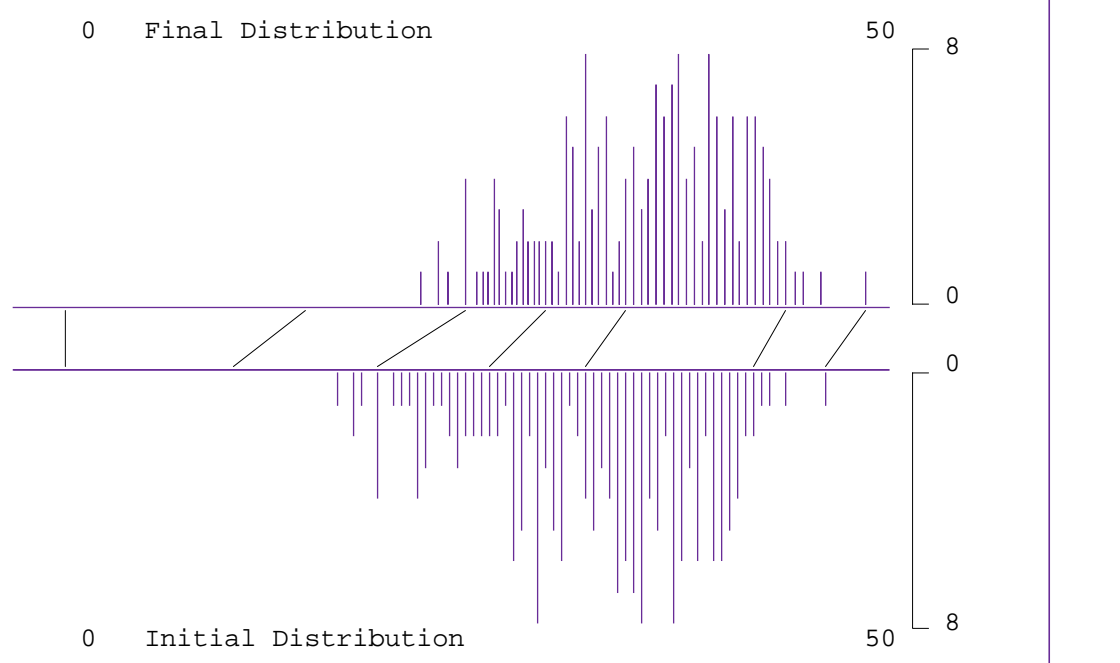


Higher School Certificate Examination 1999

Textiles & Design - 2/3 unit - 21920

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	66.25	33.13	35.97	Candidature: 183	
Std.Devn	13.22	6.61	5.77		
Minimum	34.00	17.00	22.20	Mapping Points Initial - Final	
Median	69.00	34.50	36.90		
Maximum	95.00	47.50	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	6	3.28	6	3.28	47.5 - 50.0
35 - 44.9	103	56.28	109	59.56	43.0 - 45.0
25 - 34.9	70	38.25	179	97.81	32.5 - 35.0
15 - 24.9	4	2.19	183	100.00	26.5 - 30.0
0 - 14.9	0	0.00	183	100.00	19.5 - 25.0
					10.5 - 15.0
					0.0 - 0.0

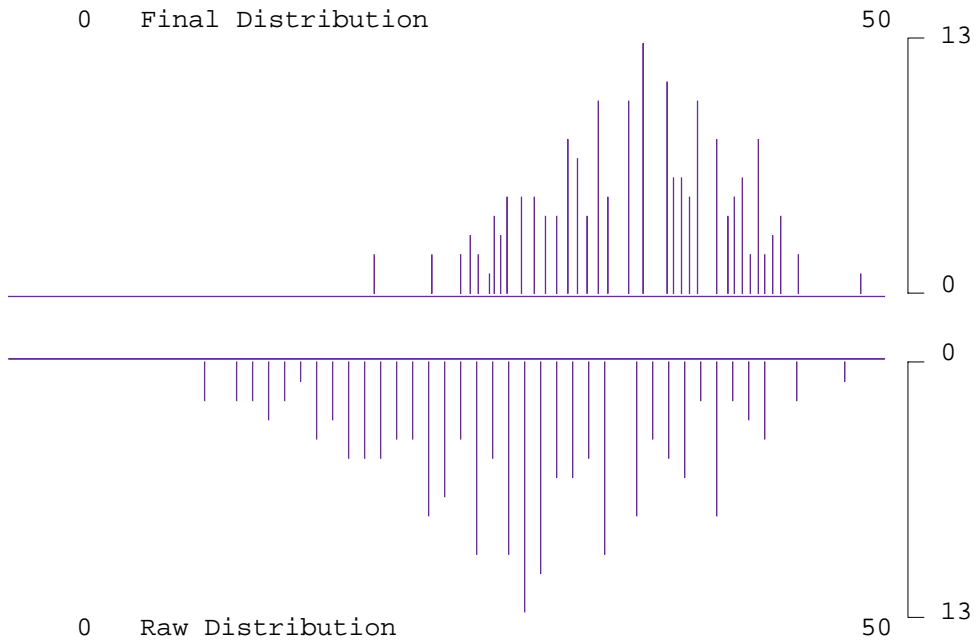


Higher School Certificate Examination 1999

Textiles & Design - 3 unit - 21921

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	28.75	32.96	35.82	Candidature: 182	
Std.Devn	8.59	6.75	5.91		
Minimum	9.00	14.60	19.60	Mapping Points Initial - Final	
Median	29.00	34.00	36.40		
Maximum	49.00	47.50	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	7	3.85	7	3.85	47.5 - 50.0
35 - 44.9	99	54.40	106	58.24	43.0 - 45.0
25 - 34.9	72	39.56	178	97.80	32.5 - 35.0
15 - 24.9	4	2.20	182	100.00	26.5 - 30.0
0 - 14.9	0	0.00	182	100.00	19.5 - 25.0
					10.5 - 15.0
					0.0 - 0.0

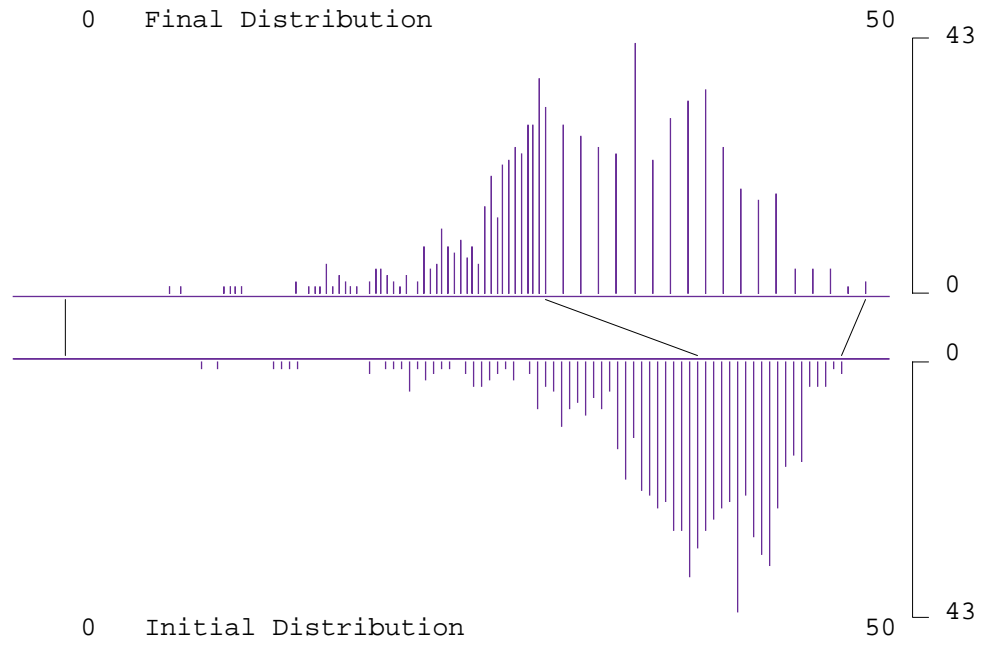


Higher School Certificate Examination 1999

Tourism Sector Services - 2 unit - 21931

Performance of the Single 2 unit candidature

	Raw/100	Initial/50	Final/50		
Mean	77.32	38.66	31.80	Candidature: 745	
Std.Devn	11.61	5.81	7.05		
Minimum	17.00	8.50	6.50		
Median	79.00	39.50	30.00		
Maximum	97.00	48.50	50.00		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	48.5 - 50.0
45 - 50.0	15	2.01	15	2.01	39.5 - 30.0
35 - 44.9	240	32.21	255	34.23	0.0 - 0.0
25 - 34.9	393	52.75	648	86.98	
15 - 24.9	89	11.95	737	98.93	
0 - 14.9	8	1.07	745	100.00	

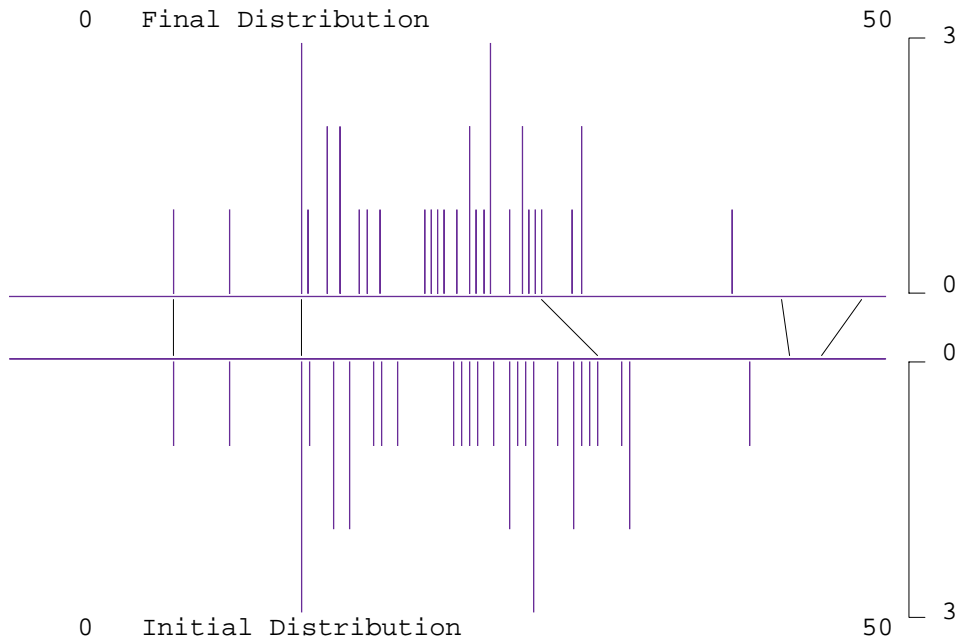


Higher School Certificate Examination 1999

Turkish - 2/3 unit - 21460

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	50.37	25.19	23.38	Candidature: 35
Std.Devn	16.23	8.11	7.10	
Minimum	14.00	7.00	7.00	Mapping Points Initial - Final
Median	54.00	27.00	24.70	
Maximum	86.00	43.00	41.90	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				45.5 - 45.0
				33.5 - 30.0
				15.0 - 15.0
				7.0 - 7.0

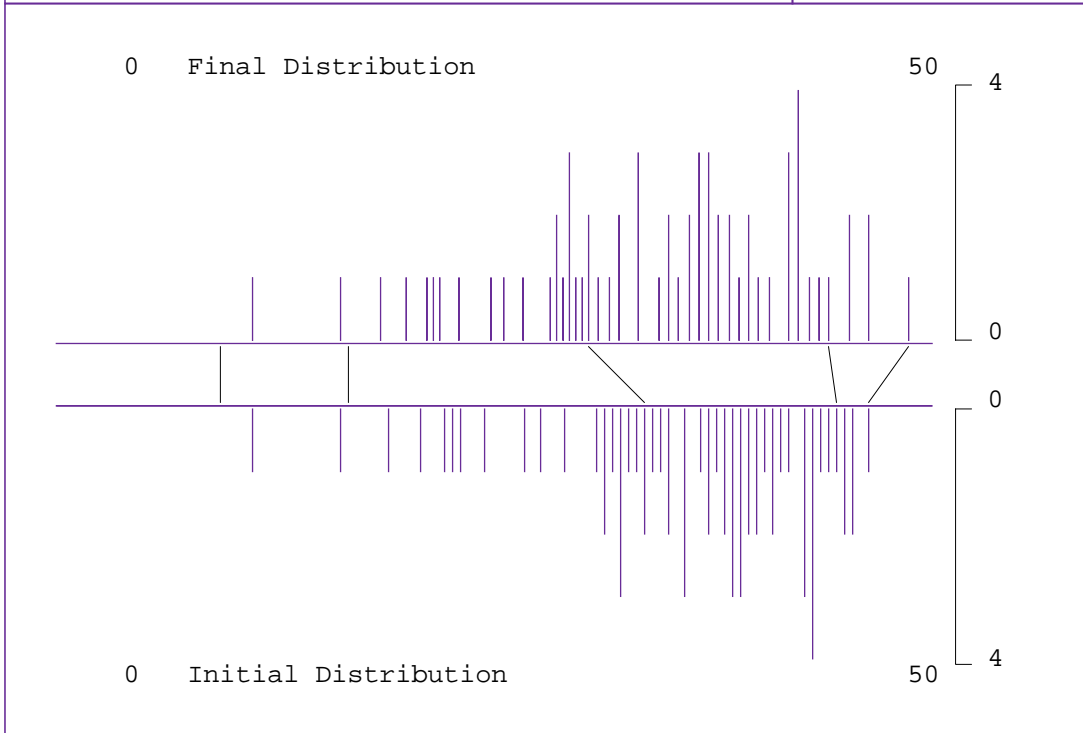


Higher School Certificate Examination 1999

Turkish - 2/3 unit - 21460

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	71.85	35.92	34.16	Candidature: 65
Std.Devn	16.76	8.38	8.75	
Minimum	18.00	9.00	9.00	Mapping Points Initial - Final
Median	76.00	38.00	35.60	
Maximum	95.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				45.5 - 45.0
				33.5 - 30.0
				15.0 - 15.0
				7.0 - 7.0

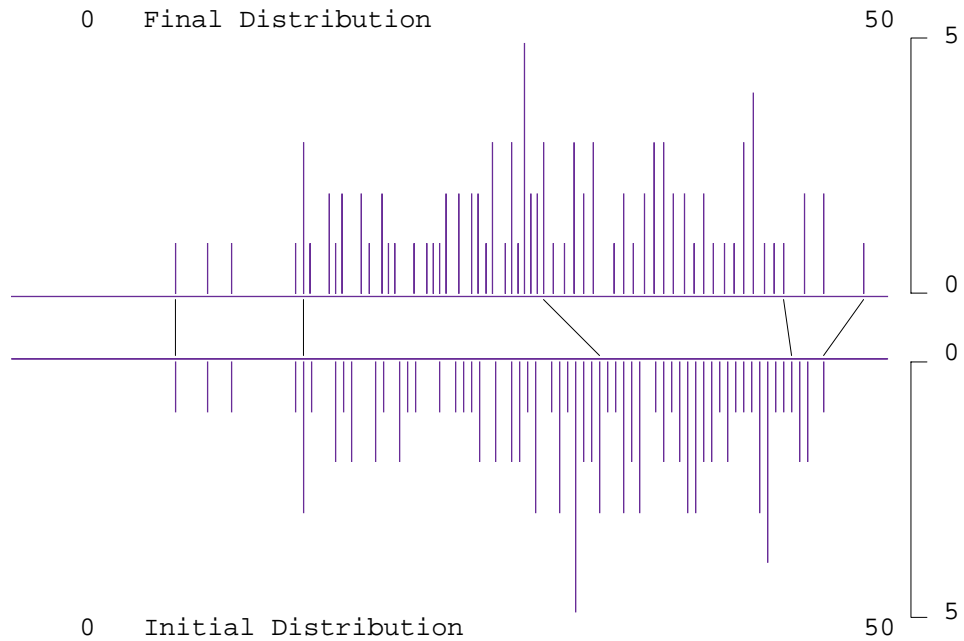


Higher School Certificate Examination 1999

Turkish - 2/3 unit - 21460

Performance of **2 unit and 3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50	
Mean	64.33	32.17	30.39	Candidature: 100
Std.Devn	19.48	9.74	9.69	
Minimum	14.00	7.00	7.00	Mapping Points Initial - Final
Median	67.00	33.50	30.00	
Maximum	95.00	47.50	50.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				47.5 - 50.0
				45.5 - 45.0
				33.5 - 30.0
				15.0 - 15.0
				7.0 - 7.0

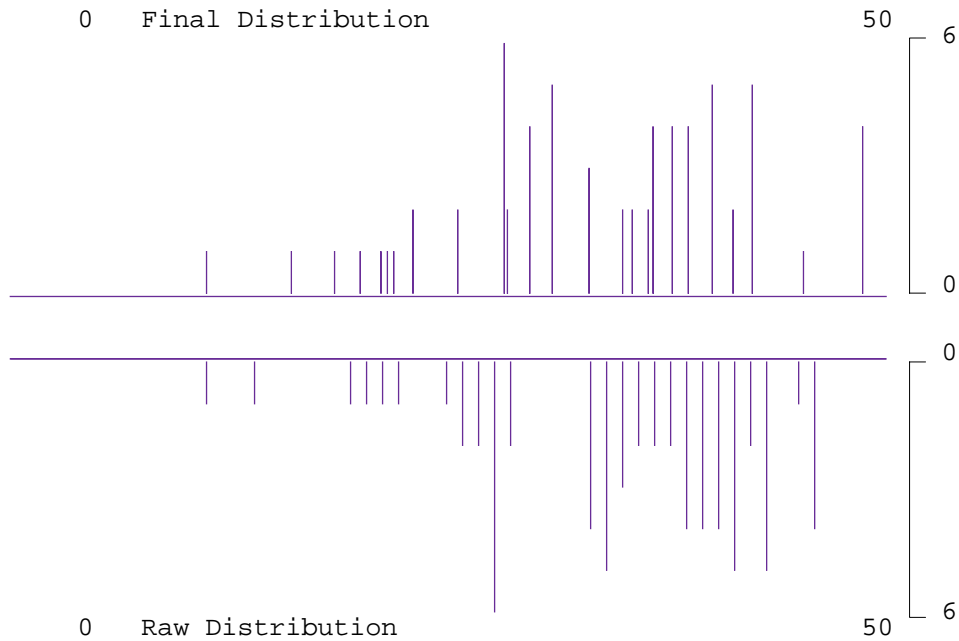


Higher School Certificate Examination 1999

Turkish - 3 unit - 21461

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	34.88	35.45	33.67	Candidature: 66	
Std.Devn	8.68	8.30	8.87		
Minimum	9.00	10.90	9.00	Mapping Points Initial - Final	
Median	37.00	38.00	35.60		
Maximum	47.00	47.50	50.00		
Cumulative frequency proportions are not reported for this scaling model.					47.5 - 50.0
					45.5 - 45.0
				33.5 - 30.0	
				15.0 - 15.0	
				10.9 - 9.0	

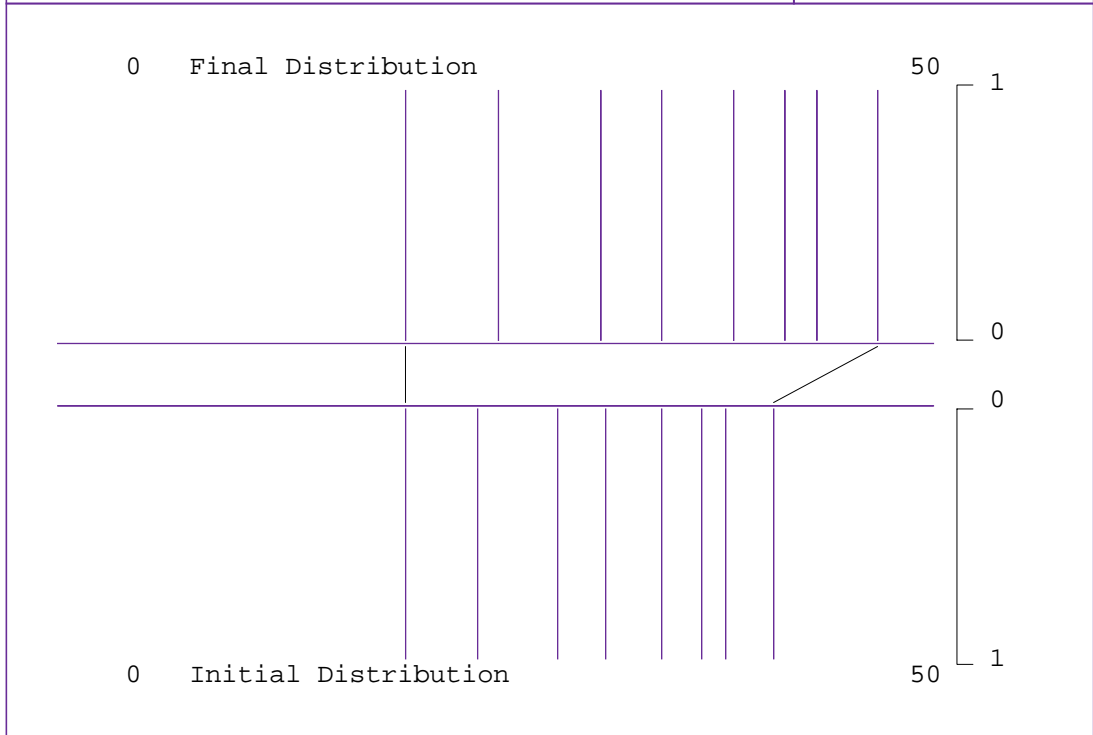


Higher School Certificate Examination 1999

Ukrainian - 2 unit - 21470

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	63.00	31.50	35.18	Candidature: 8
Std.Devn	14.87	7.43	9.53	
Minimum	37.00	18.50	18.50	Mapping Points Initial - Final 41.5 - 48.0 18.5 - 18.5
Median	69.00	34.50	39.00	
Maximum	83.00	41.50	48.00	
<i>Cumulative frequency proportions are not reported for this scaling model.</i>				

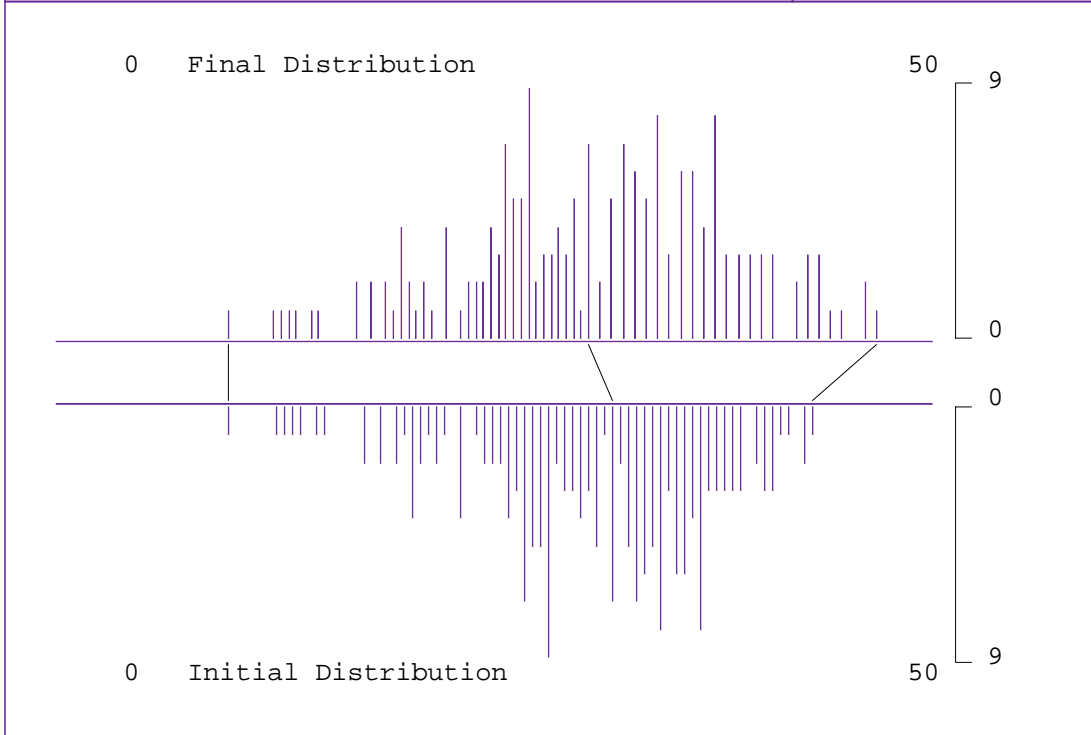


Higher School Certificate Examination 1999

Vietnamese - 2 unit - 21480

Performance of the Single **2 unit** candidature

	Raw/100	Initial/50	Final/50	
Mean	60.52	30.26	30.01	Candidature: 184
Std.Devn	14.79	7.39	8.26	
Minimum	15.00	7.50	7.50	Mapping Points Initial - Final
Median	63.00	31.50	30.00	
Maximum	88.00	44.00	48.00	
<p><i>Cumulative frequency proportions are not reported for this scaling model.</i></p>				44.0 - 48.0
				31.5 - 30.0
				7.5 - 7.5

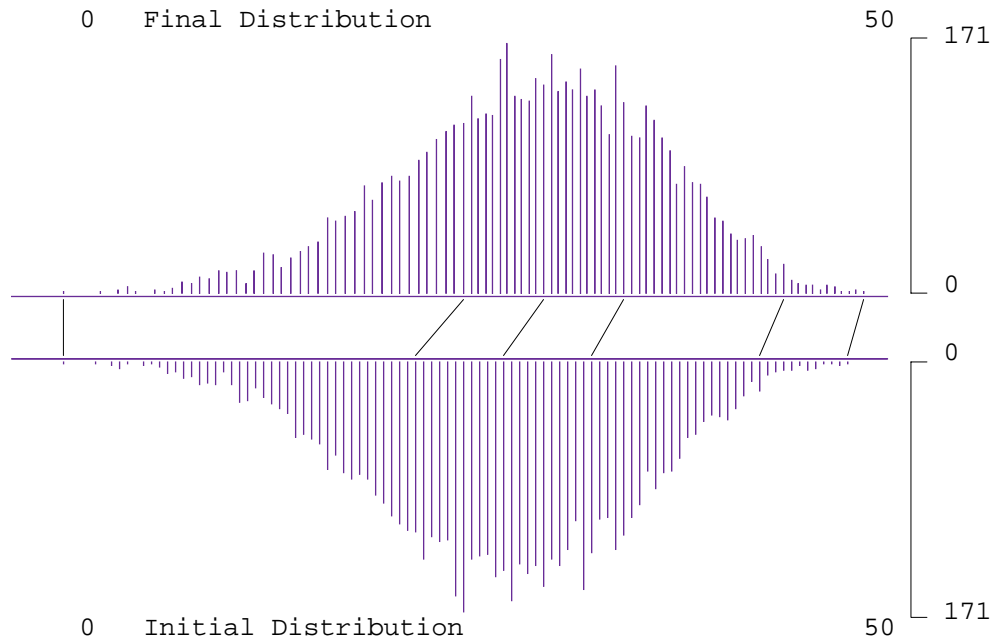


Higher School Certificate Examination 1999

Visual Arts - 2/3 unit - 22250

Performance of **2 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	54.48	27.24	29.53	Candidature: 6083	
Std.Devn	15.55	7.78	7.62		
Minimum	0.00	0.00	0.00	Mapping Points Initial - Final	
Median	55.00	27.50	30.00		
Maximum	98.00	49.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	65	1.07	65	1.07	49.0 - 50.0
35 - 44.9	1493	24.54	1558	25.61	43.5 - 45.0
25 - 34.9	3040	49.98	4598	75.59	33.0 - 35.0
15 - 24.9	1244	20.45	5842	96.04	27.5 - 30.0
0 - 14.9	241	3.96	6083	100.00	22.0 - 25.0
					0.0 - 0.0

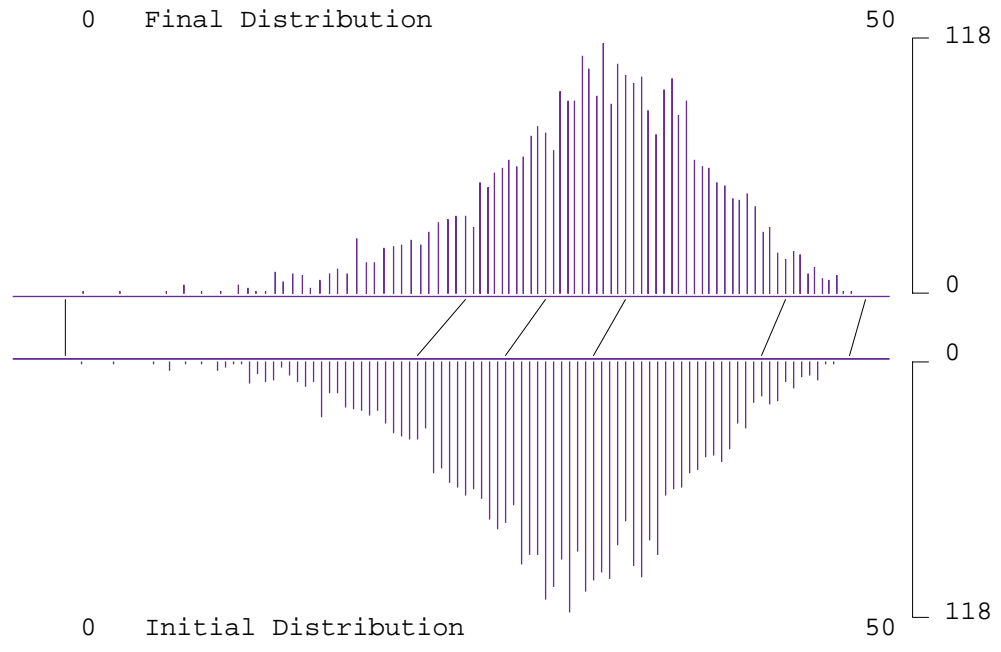


Higher School Certificate Examination 1999

Visual Arts - 2/3 unit - 22250

Performance of **3 unit** candidates
on the 2 unit / 3 unit Common Paper

	Raw/100	Initial/50	Final/50		
Mean	61.74	30.87	33.03	Candidature: 3534	
Std.Devn	14.21	7.11	6.81		
Minimum	2.00	1.00	1.10		
Median	63.00	31.50	33.60		
Maximum	96.00	48.00	49.10		
				Mapping Points Initial - Final	
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	
45 - 50.0	98	2.77	98	2.77	49.0 - 50.0
35 - 44.9	1378	38.99	1476	41.77	43.5 - 45.0
25 - 34.9	1671	47.28	3147	89.05	33.0 - 35.0
15 - 24.9	338	9.56	3485	98.61	27.5 - 30.0
0 - 14.9	49	1.39	3534	100.00	22.0 - 25.0
					0.0 - 0.0

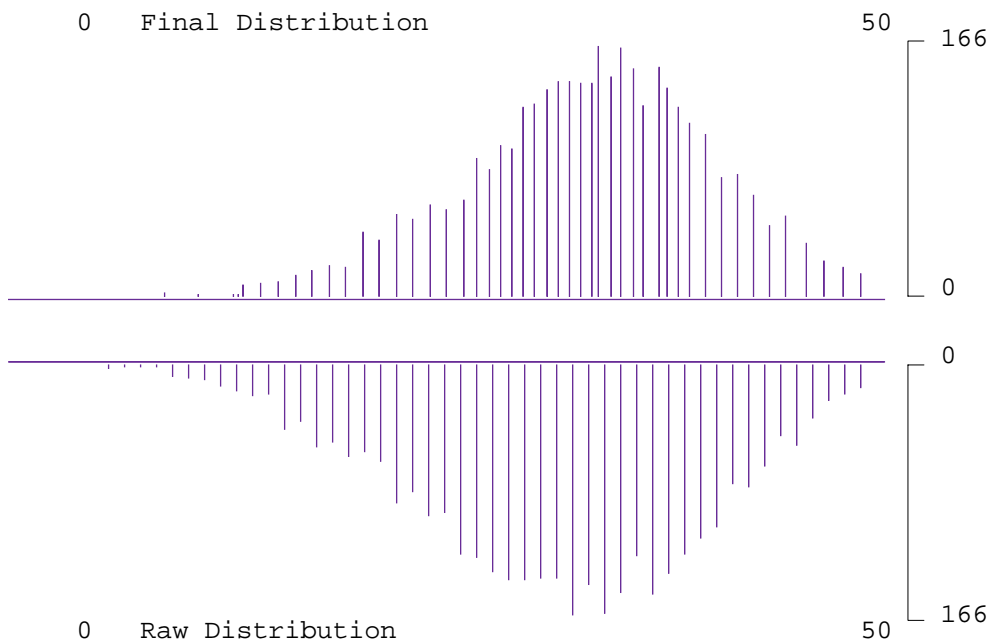


Higher School Certificate Examination 1999

Visual Arts - 3 unit - 22251

Performance of **3 unit** candidates
on the 3 unit Additional Paper

	Raw/50	Initial/50	Final/50		
Mean	30.97	30.83	33.01	Candidature: 3612	
Std.Devn	8.83	7.19	6.91		
Minimum	3.00	5.70	6.50	Mapping Points Initial - Final	
Median	32.00	31.50	33.60		
Maximum	50.00	48.00	50.00		
Score Group	Freq	% Freq	Cuml Freq	% Cuml Freq	Initial - Final
45 - 50.0	145	4.01	145	4.01	48.0 - 50.0
35 - 44.9	1355	37.51	1500	41.53	43.5 - 45.0
25 - 34.9	1709	47.31	3209	88.84	33.0 - 35.0
15 - 24.9	359	9.94	3568	98.78	27.5 - 30.0
0 - 14.9	44	1.22	3612	100.00	22.0 - 25.0
					0.0 - 0.0



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