Bachelor's Results by Course Department

2019/20 - 2023/24

19 November 2024

Mathematics (MA) courses: 2019/20 - 2023/24

A summary of mark and grade outcomes for Bachelor's students on Mathematics (MA) courses over the last 5 years, 2019-20 to 2023-24. Results for students at other levels of study or non-award programmes are *excluded*.

Grades for LLB students' on courses outside Law are mapped to the BA/BSc classification scheme (link). Grades for BA/BSc students taking Law courses are mapped to the LLB classification scheme (link) appropriate to the course level.

Absent and Incomplete grades are *counted*, while the related zero marks are *excluded* from mark aggregates. Resit results are *included*, with marks after resit and capped Pass grades. Deferrals are *excluded* except for resits where the first sitting mark and grade stand.

For each course, **Histograms** summarise the Agreed marks from the *most recent* year; **Barcharts** present the outcomes in grades, for all Bachelor's course grades in the Department in 2023/24, and each course over recent years. **Box-plots** simplify the distribution into quartiles, divided by the median, with width proportional to the number of results. Cumulative distribution (**ecdf**) plots indicate the proportion of results up to a given mark, or mark for a given percentile.

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Mathematics (MA) course results

By Academic Year, 2019/20 - 2023/24

Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	2496	70.2	17.3	0	48.0	59.0	71.0	25.0	84.0	92.0	95.0	100
2020/21	2647	69.0	16.4	0	47.0	59.0	71.0	22.0	81.0	88.0	91.0	100
2021/22	2256	60.8	19.9	0	35.0	48.0	63.0	29.0	77.0	85.0	88.0	99
2022/23	2649	59.6	19.3	0	36.0	47.0	60.0	27.0	74.0	84.0	90.0	100
2023/24	2643	60.3	17.9	0	40.0	49.0	62.0	24.0	73.0	82.0	87.0	99

Marks by Year – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	2525	29	79	153	191	292	468	1313		1.1	3.1	6.1	7.6	11.6	18.5	52.0
2020/21	2668	21	90	64	200	351	532	1410		0.8	3.4	2.4	7.5	13.2	19.9	52.8
2021/22	2307	51	270	102	311	353	351	869		2.2	11.7	4.4	13.5	15.3	15.2	37.7
2022/23	2702	53	296	177	384	441	497	854		2.0	11.0	6.6	14.2	16.3	18.4	31.6
2023/24	2698	55	228	178	341	446	586	864		2.0	8.5	6.6	12.6	16.5	21.7	32.0

Grades by Year – Count and Percentage distribution (%).

By Level in 2023/24

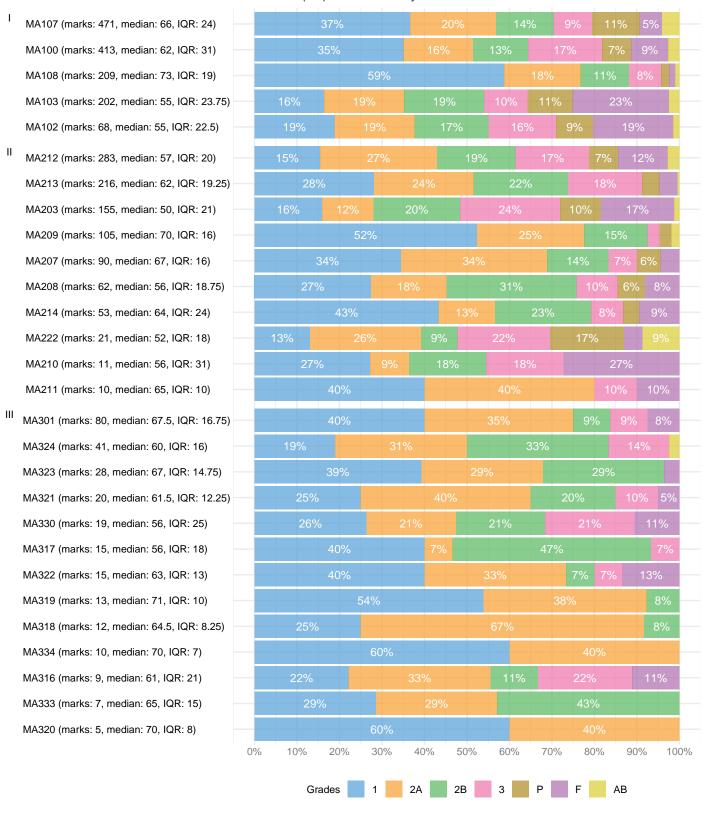
Lev	el marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
I	1363	61.1	19.3	0	40.0	49.0	63.0	27.0	76.0	84.0	88.0	99
Ш	1006	58.6	16.6	0	40.0	48.0	60.0	22.0	70.0	79.0	84.0	97
Ш	274	62.9	15.1	0	46.0	55.0	65.0	17.0	72.0	78.0	85.0	99

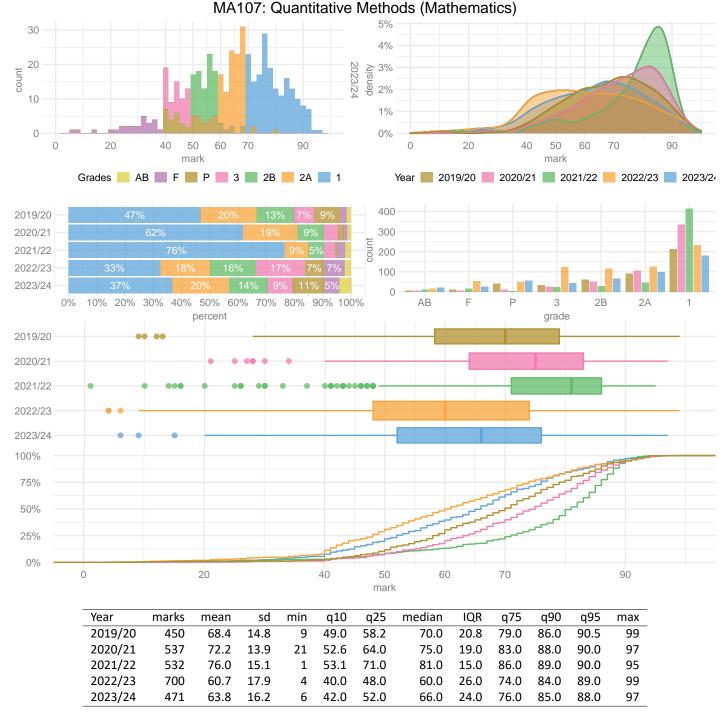
2023/24 Marks by Level – Mean, Standard deviation and Quantiles.

Level	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
1	1402	39	126	116	166	197	258	500		2.8	9.0	8.3	11.8	14.1	18.4	35.7
II	1021	15	89	62	152	198	237	268		1.5	8.7	6.1	14.9	19.4	23.2	26.2
III	275	1	13		23	51	91	96		0.4	4.7		8.4	18.5	33.1	34.9

2023/24 Grades by Level – Count and Percentage distribution (%).

Mathematics (MA) course results by Level in 2023/24

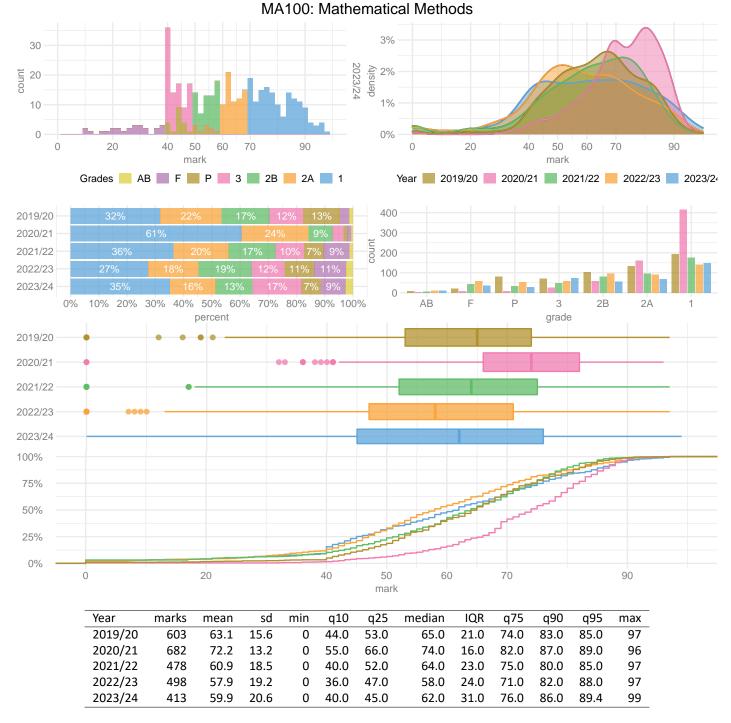




MA107: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	457	7	10	42	34	60	90	214		1.5	2.2	9.2	7.4	13.1	19.7	46.8
2020/21	544	7	7	11	27	51	105	336		1.3	1.3	2.0	5.0	9.4	19.3	61.8
2021/22	543	11	15	3	23	29	47	415		2.0	2.8	0.6	4.2	5.3	8.7	76.4
2022/23	716	16	53	48	124	116	126	233		2.2	7.4	6.7	17.3	16.2	17.6	32.5
2023/24	491	20	26	55	44	67	99	180		4.1	5.3	11.2	9.0	13.6	20.2	36.7

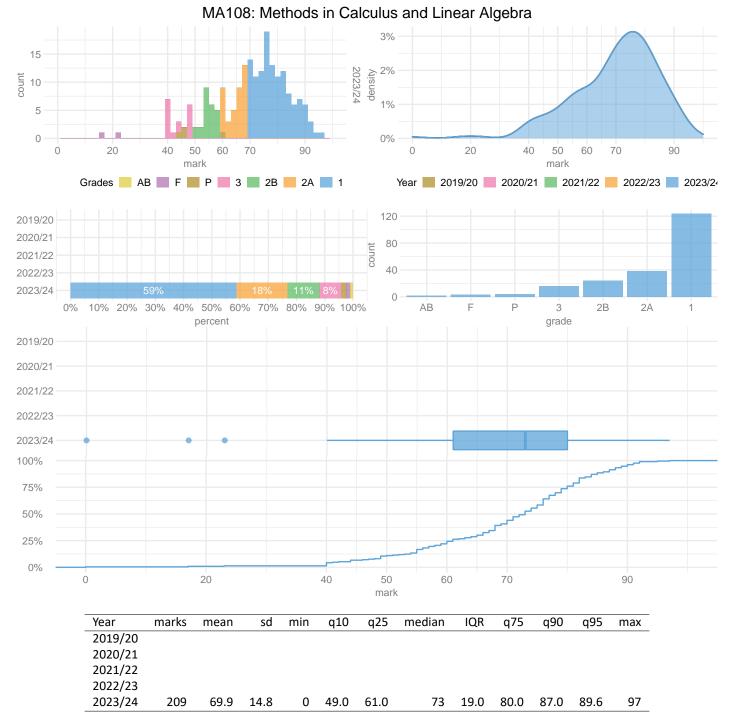
MA107: Grade summary - Count and Percentage distribution (%).



MA100: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	611	8	20	80	72	104	133	194		1.3	3.3	13.1	11.8	17.0	21.8	31.8
2020/21	686	4	10	9	26	59	162	416		0.6	1.5	1.3	3.8	8.6	23.6	60.6
2021/22	484	6	44	34	48	81	95	176		1.2	9.1	7.0	9.9	16.7	19.6	36.4
2022/23	510	12	58	54	59	96	91	140		2.4	11.4	10.6	11.6	18.8	17.8	27.5
2023/24	424	11	37	29	74	55	69	149		2.6	8.7	6.8	17.5	13.0	16.3	35.1

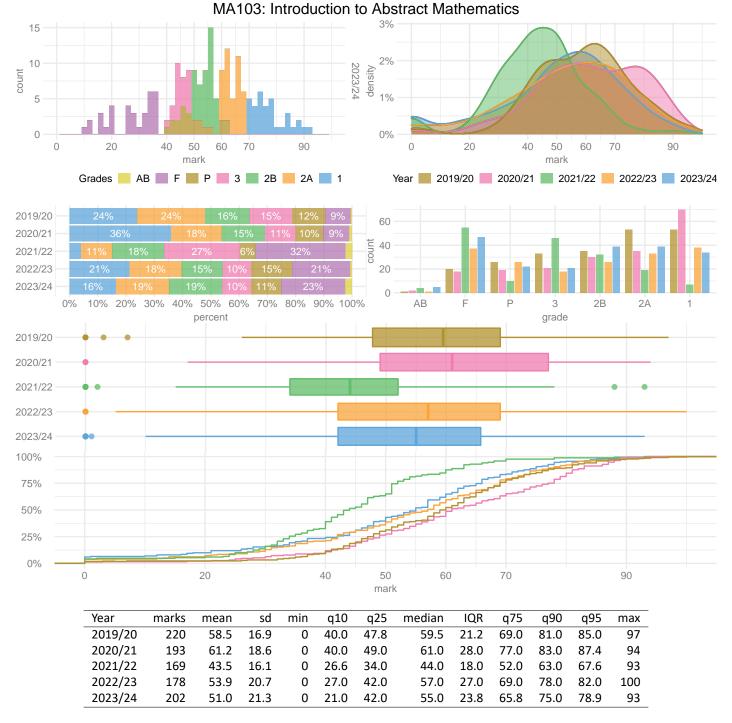
MA100: Grade summary – Count and Percentage distribution (%).



MA108: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23																
2023/24	211	2	3	4	16	24	38	124		0.9	1.4	1.9	7.6	11.4	18.0	58.8

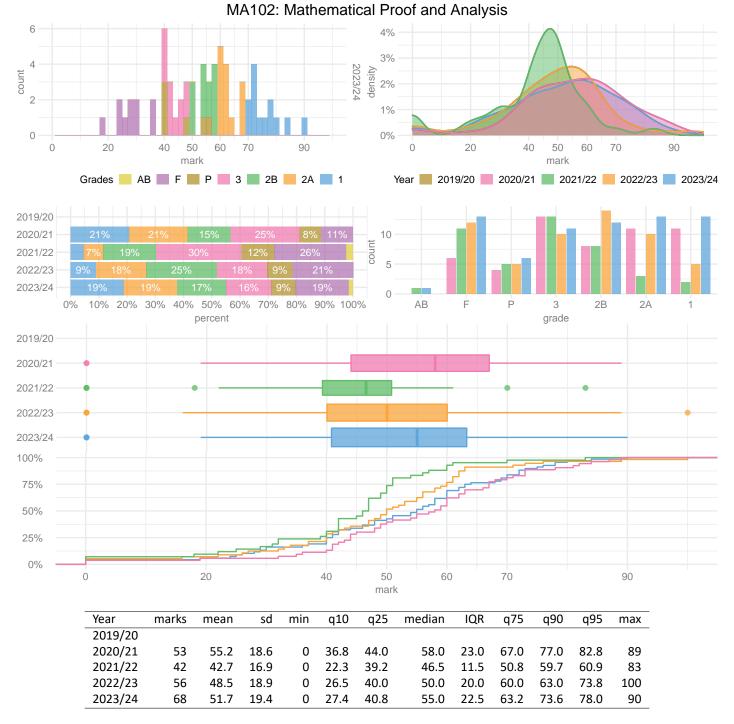
MA108: Grade summary – Count and Percentage distribution (%).



MA103: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	221	1	20	26	33	35	53	53		0.5	9.0	11.8	14.9	15.8	24.0	24.0
2020/21	195	2	18	19	21	30	35	70		1.0	9.2	9.7	10.8	15.4	17.9	35.9
2021/22	173	4	55	10	46	32	19	7		2.3	31.8	5.8	26.6	18.5	11.0	4.0
2022/23	179	1	37	26	18	26	33	38		0.6	20.7	14.5	10.1	14.5	18.4	21.2
2023/24	207	5	47	22	21	39	39	34		2.4	22.7	10.6	10.1	18.8	18.8	16.4

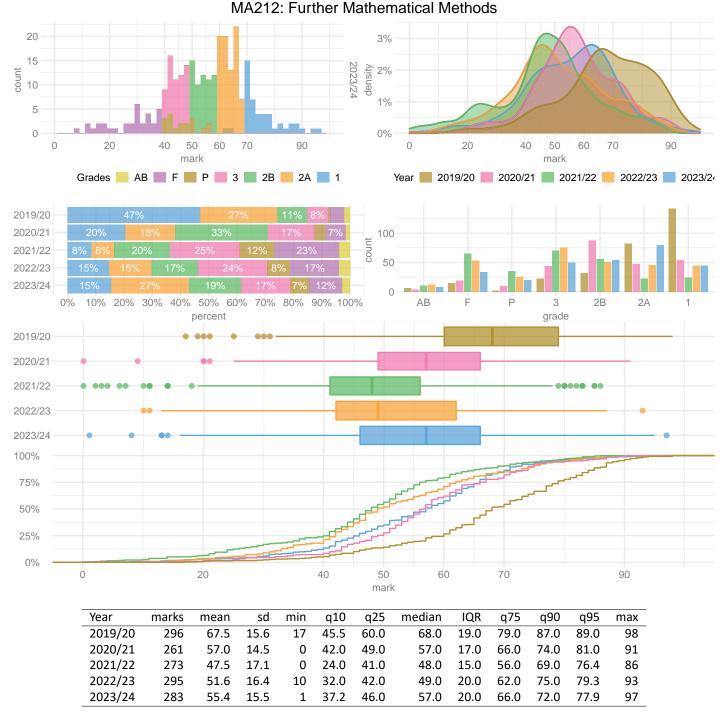
MA103: Grade summary - Count and Percentage distribution (%).



MA102: Mark summary - Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21	53		6	4	13	8	11	11			11.3	7.5	24.5	15.1	20.8	20.8
2021/22	43	1	11	5	13	8	3	2		2.3	25.6	11.6	30.2	18.6	7.0	4.7
2022/23	56		12	5	10	14	10	5			21.4	8.9	17.9	25.0	17.9	8.9
2023/24	69	1	13	6	11	12	13	13		1.4	18.8	8.7	15.9	17.4	18.8	18.8

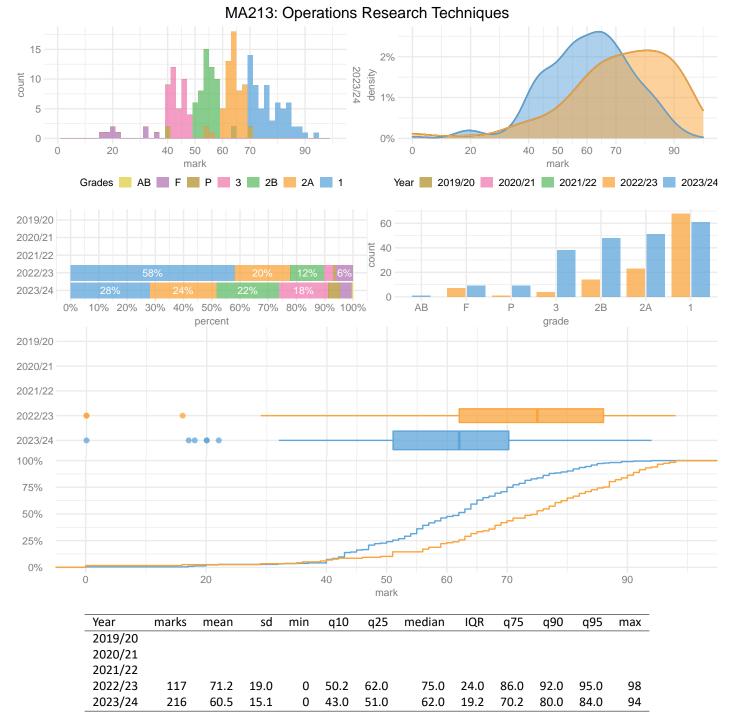
MA102: Grade summary - Count and Percentage distribution (%).



MA212: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	302	6	15	2	23	32	82	142		2.0	5.0	0.7	7.6	10.6	27.2	47.0
2020/21	265	4	19	10	44	87	47	54		1.5	7.2	3.8	16.6	32.8	17.7	20.4
2021/22	284	11	65	35	70	56	23	24		3.9	22.9	12.3	24.6	19.7	8.1	8.5
2022/23	307	12	53	25	75	51	46	45		3.9	17.3	8.1	24.4	16.6	15.0	14.7
2023/24	291	8	34	20	50	54	80	45		2.7	11.7	6.9	17.2	18.6	27.5	15.5

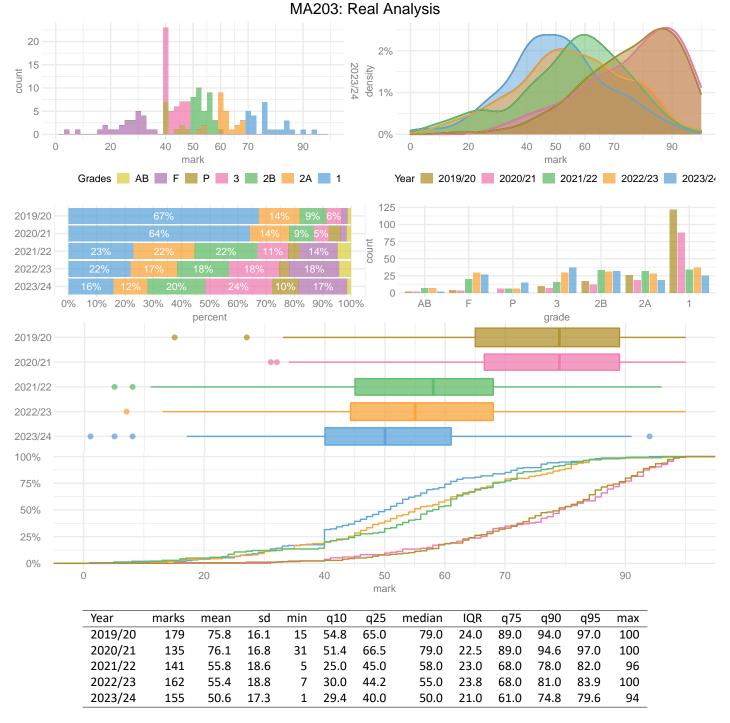
MA212: Grade summary – Count and Percentage distribution (%).



MA213: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23	117		7	1	4	14	23	68			6.0	0.9	3.4	12.0	19.7	58.1
2023/24	217	1	9	9	38	48	51	61		0.5	4.1	4.1	17.5	22.1	23.5	28.1

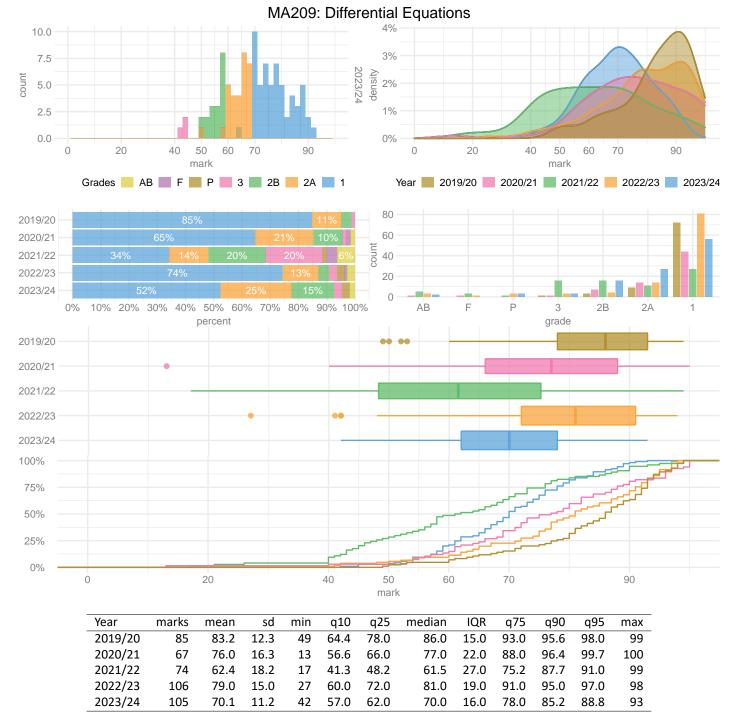
MA213: Grade summary – Count and Percentage distribution (%).



MA203: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	181	2	4		10	17	26	122		1.1	2.2		5.5	9.4	14.4	67.4
2020/21	137	2	3	6	7	12	19	88		1.5	2.2	4.4	5.1	8.8	13.9	64.2
2021/22	148	7	20	6	16	33	32	34		4.7	13.5	4.1	10.8	22.3	21.6	23.0
2022/23	169	7	30	6	30	31	28	37		4.1	17.8	3.6	17.8	18.3	16.6	21.9
2023/24	157	2	27	15	37	32	19	25		1.3	17.2	9.6	23.6	20.4	12.1	15.9

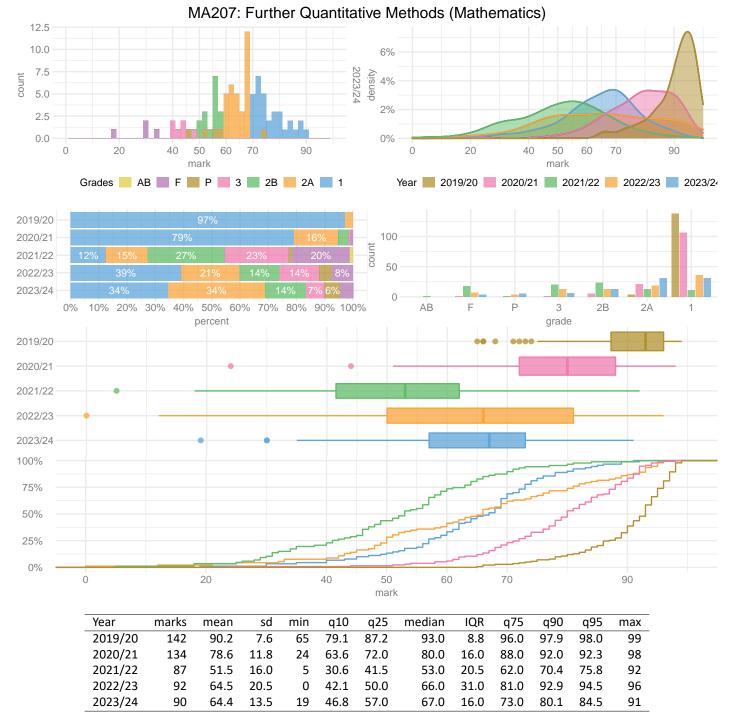
MA203: Grade summary - Count and Percentage distribution (%).



MA209: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	85				1	3	9	72					1.2	3.5	10.6	84.7
2020/21	68	1	1		1	7	14	44		1.5	1.5		1.5	10.3	20.6	64.7
2021/22	79	5	3	1	16	16	11	27		6.3	3.8	1.3	20.3	20.3	13.9	34.2
2022/23	109	3	1	3	3	4	14	81		2.8	0.9	2.8	2.8	3.7	12.8	74.3
2023/24	107	2		3	3	16	27	56		1.9		2.8	2.8	15.0	25.2	52.3

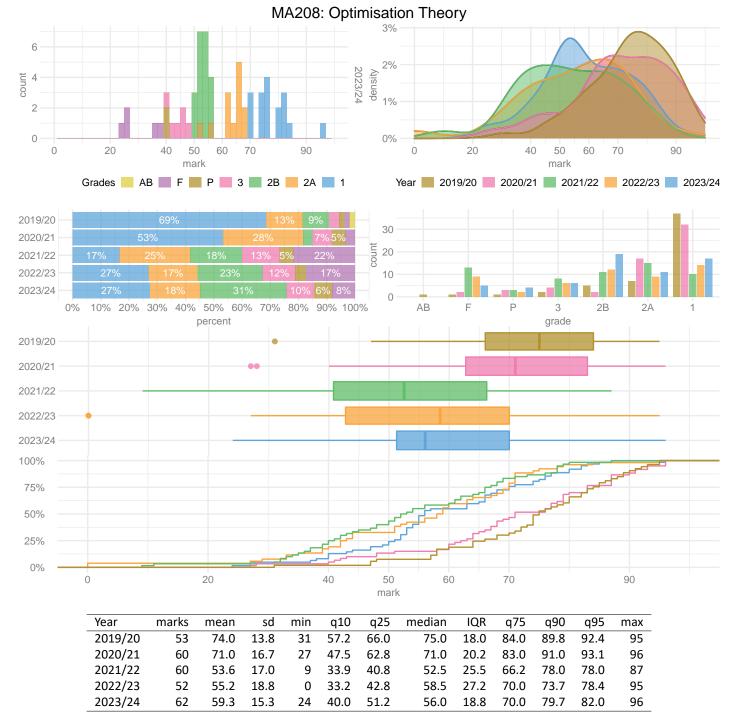
MA209: Grade summary - Count and Percentage distribution (%).



MA207: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	142						4	138							2.8	97.2
2020/21	134		1		1	5	21	106			0.7		0.7	3.7	15.7	79.1
2021/22	88	1	18	1	20	24	13	11		1.1	20.5	1.1	22.7	27.3	14.8	12.5
2022/23	92		7	4	13	13	19	36			7.6	4.3	14.1	14.1	20.7	39.1
2023/24	90		4	5	6	13	31	31			4.4	5.6	6.7	14.4	34.4	34.4

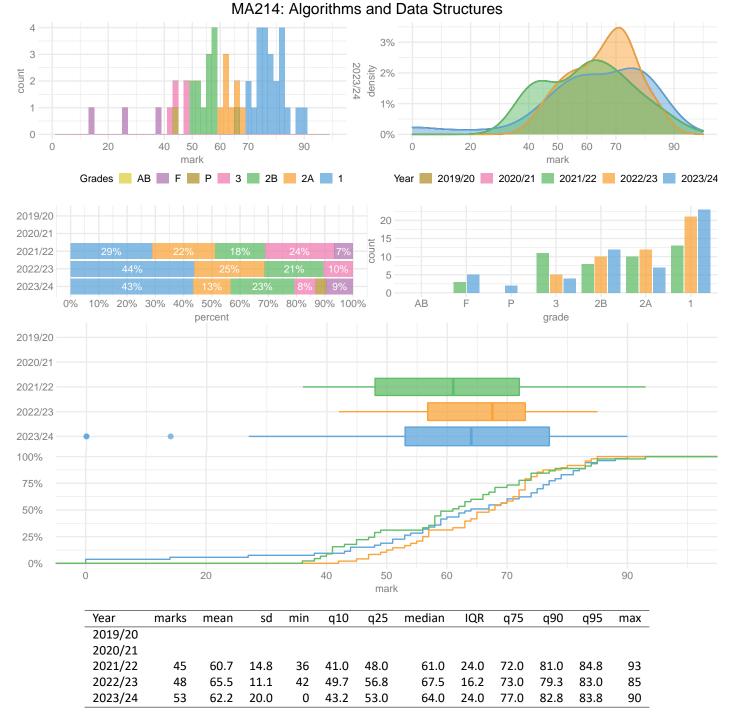
MA207: Grade summary - Count and Percentage distribution (%).



MA208: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	54	1	1	1	2	5	7	37		1.9	1.9	1.9	3.7	9.3	13.0	68.5
2020/21	60		2	3	4	2	17	32			3.3	5.0	6.7	3.3	28.3	53.3
2021/22	60		13	3	8	11	15	10			21.7	5.0	13.3	18.3	25.0	16.7
2022/23	52		9	2	6	12	9	14			17.3	3.8	11.5	23.1	17.3	26.9
2023/24	62		5	4	6	19	11	17			8.1	6.5	9.7	30.6	17.7	27.4

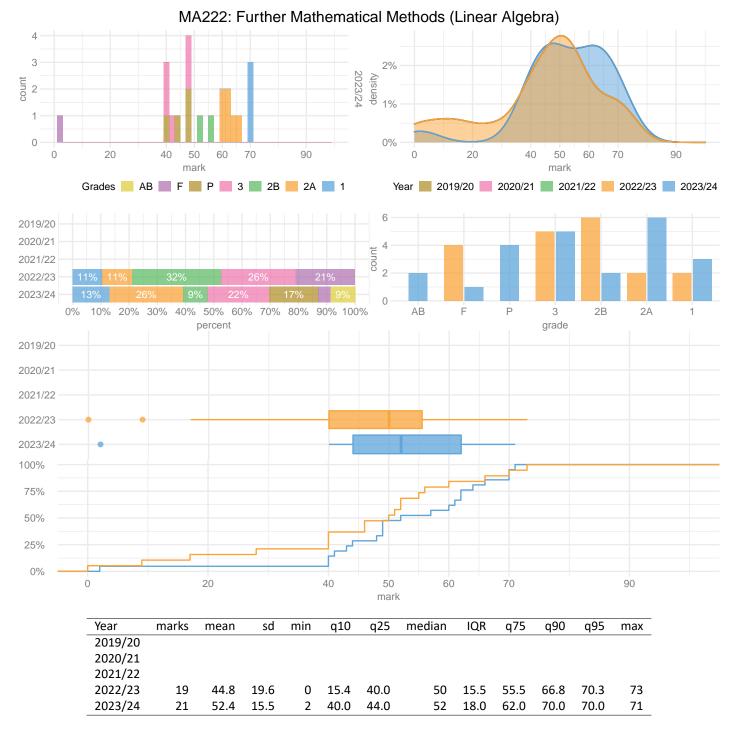
MA208: Grade summary – Count and Percentage distribution (%).



MA214: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22	45		3		11	8	10	13			6.7		24.4	17.8	22.2	28.9
2022/23	48				5	10	12	21					10.4	20.8	25.0	43.8
2023/24	53		5	2	4	12	7	23			9.4	3.8	7.5	22.6	13.2	43.4

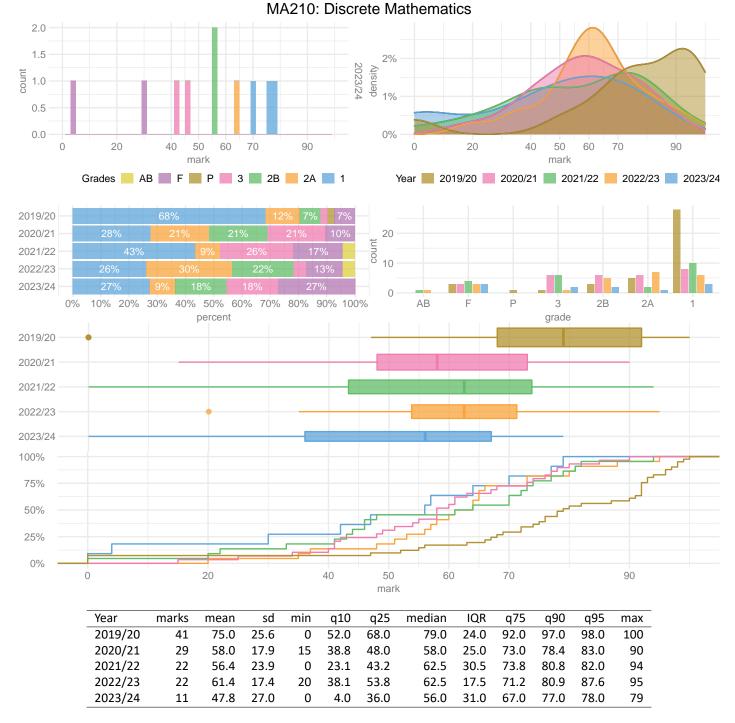
MA214: Grade summary – Count and Percentage distribution (%).



MA222: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23	19		4		5	6	2	2			21.1		26.3	31.6	10.5	10.5
2023/24	23	2	1	4	5	2	6	3		8.7	4.3	17.4	21.7	8.7	26.1	13.0

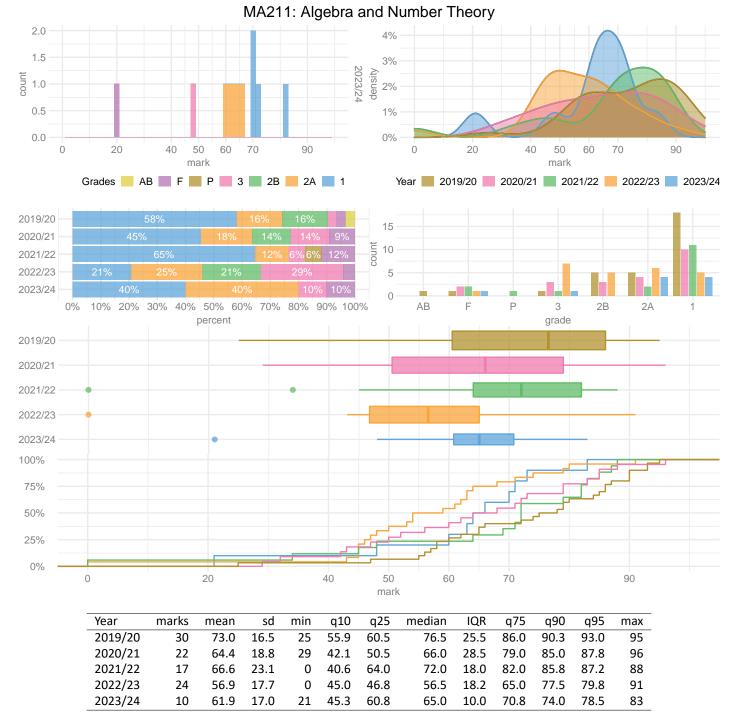
MA222: Grade summary - Count and Percentage distribution (%).



MA210: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	41		3	1	1	3	5	28			7.3	2.4	2.4	7.3	12.2	68.3
2020/21	29		3		6	6	6	8			10.3		20.7	20.7	20.7	27.6
2021/22	23	1	4		6		2	10		4.3	17.4		26.1		8.7	43.5
2022/23	23	1	3		1	5	7	6		4.3	13.0		4.3	21.7	30.4	26.1
2023/24	11		3		2	2	1	3			27.3		18.2	18.2	9.1	27.3

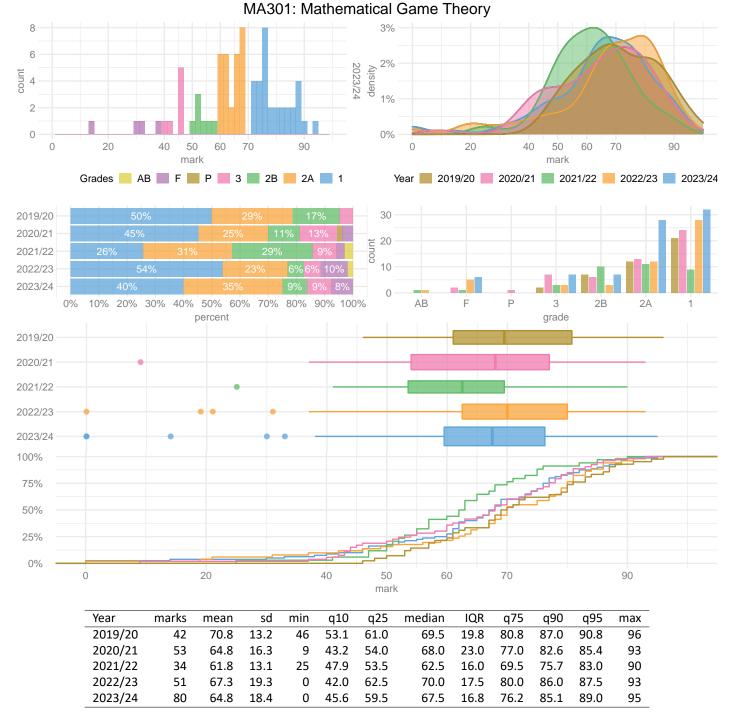
MA210: Grade summary – Count and Percentage distribution (%).



MA211: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	31	1	1		1	5	5	18		3.2	3.2		3.2	16.1	16.1	58.1
2020/21	22		2		3	3	4	10			9.1		13.6	13.6	18.2	45.5
2021/22	17		2	1	1		2	11			11.8	5.9	5.9		11.8	64.7
2022/23	24		1		7	5	6	5			4.2		29.2	20.8	25.0	20.8
2023/24	10		1		1		4	4			10.0		10.0		40.0	40.0

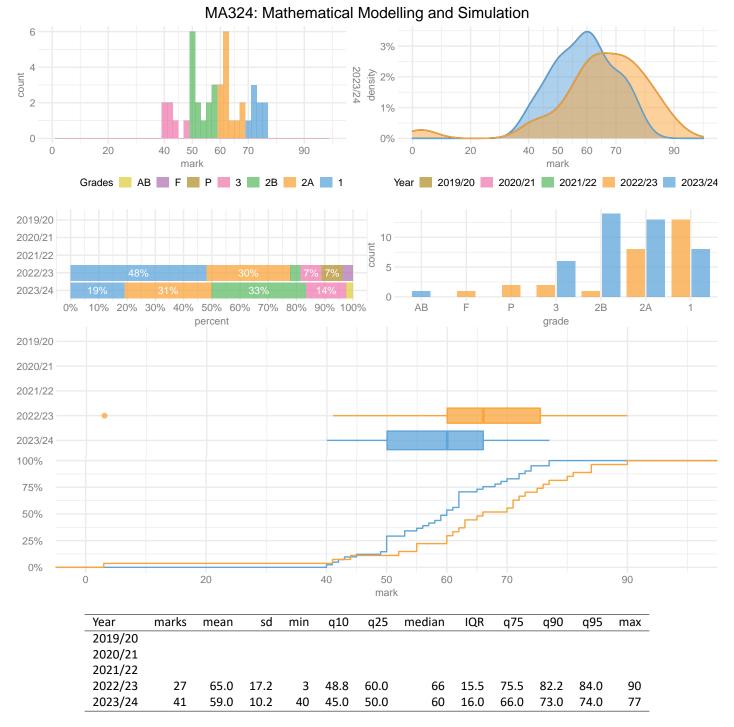
MA211: Grade summary – Count and Percentage distribution (%).



MA301: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	42				2	7	12	21					4.8	16.7	28.6	50.0
2020/21	53		2	1	7	6	13	24			3.8	1.9	13.2	11.3	24.5	45.3
2021/22	35	1	1		3	10	11	9		2.9	2.9		8.6	28.6	31.4	25.7
2022/23	52	1	5		3	3	12	28		1.9	9.6		5.8	5.8	23.1	53.8
2023/24	80		6		7	7	28	32			7.5		8.8	8.8	35.0	40.0

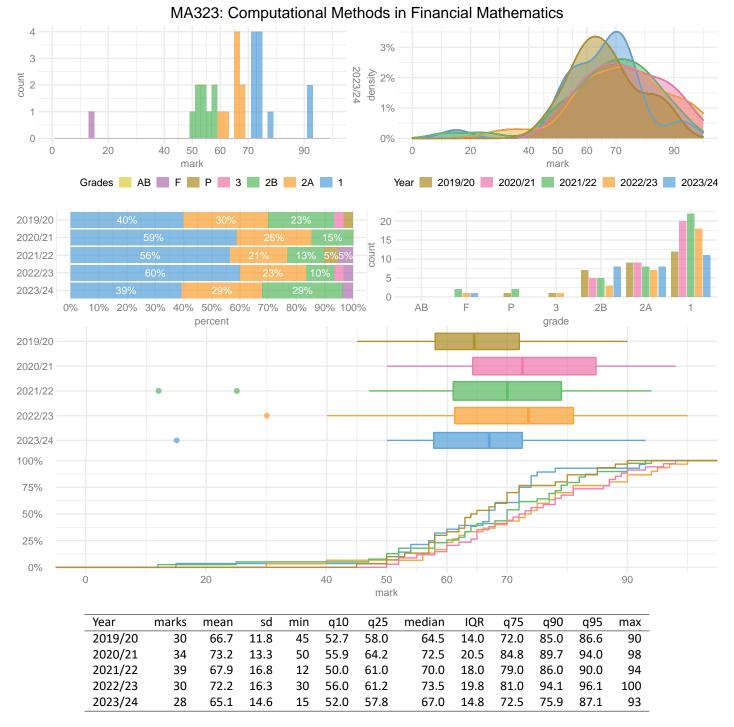
MA301: Grade summary – Count and Percentage distribution (%).



MA324: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23	27		1	2	2	1	8	13			3.7	7.4	7.4	3.7	29.6	48.1
2023/24	42	1			6	14	13	8		2.4			14.3	33.3	31.0	19.0

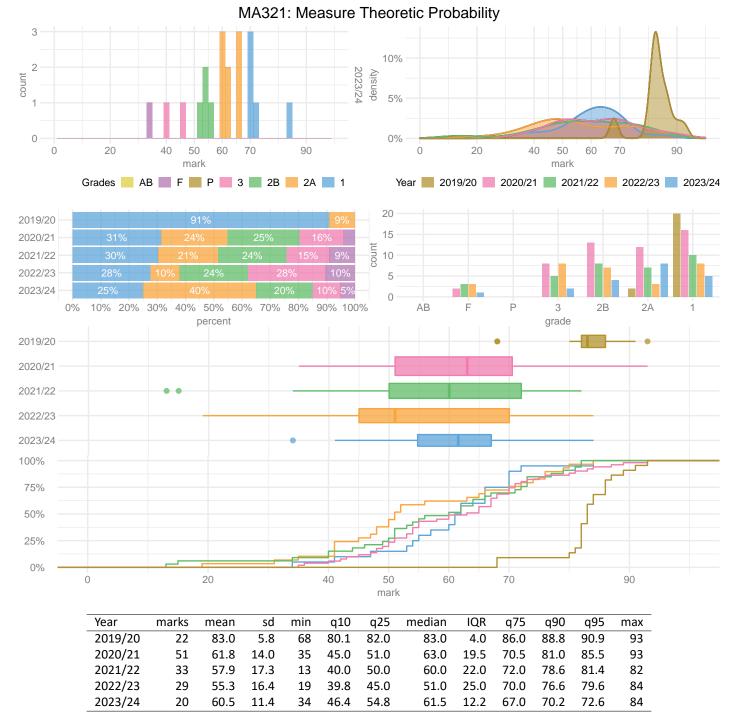
MA324: Grade summary – Count and Percentage distribution (%).



MA323: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	30			1	1	7	9	12				3.3	3.3	23.3	30.0	40.0
2020/21	34					5	9	20						14.7	26.5	58.8
2021/22	39		2	2		5	8	22			5.1	5.1		12.8	20.5	56.4
2022/23	30		1		1	3	7	18			3.3		3.3	10.0	23.3	60.0
2023/24	28		1			8	8	11			3.6			28.6	28.6	39.3

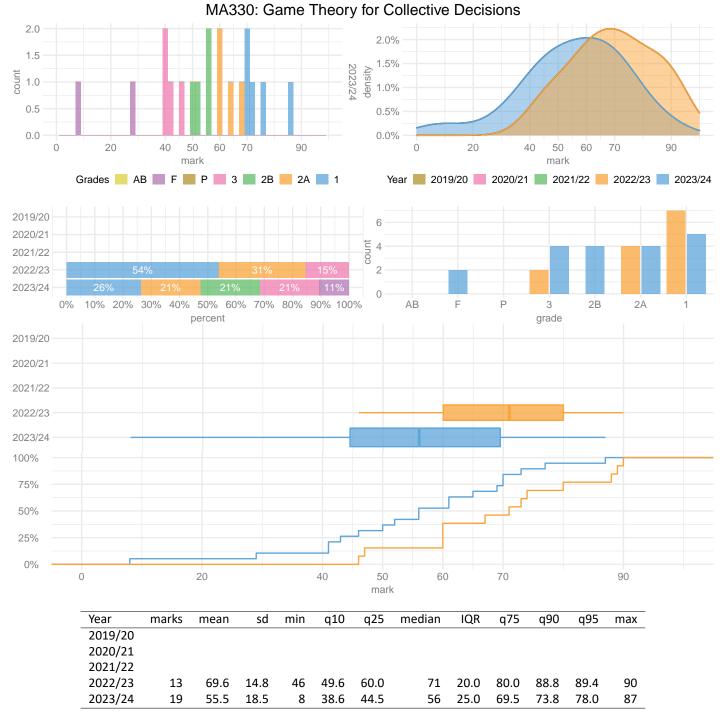
MA323: Grade summary – Count and Percentage distribution (%).



MA321: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	22						2	20							9.1	90.9
2020/21	51		2		8	13	12	16			3.9		15.7	25.5	23.5	31.4
2021/22	33		3		5	8	7	10			9.1		15.2	24.2	21.2	30.3
2022/23	29		3		8	7	3	8			10.3		27.6	24.1	10.3	27.6
2023/24	20		1		2	4	8	5			5.0		10.0	20.0	40.0	25.0

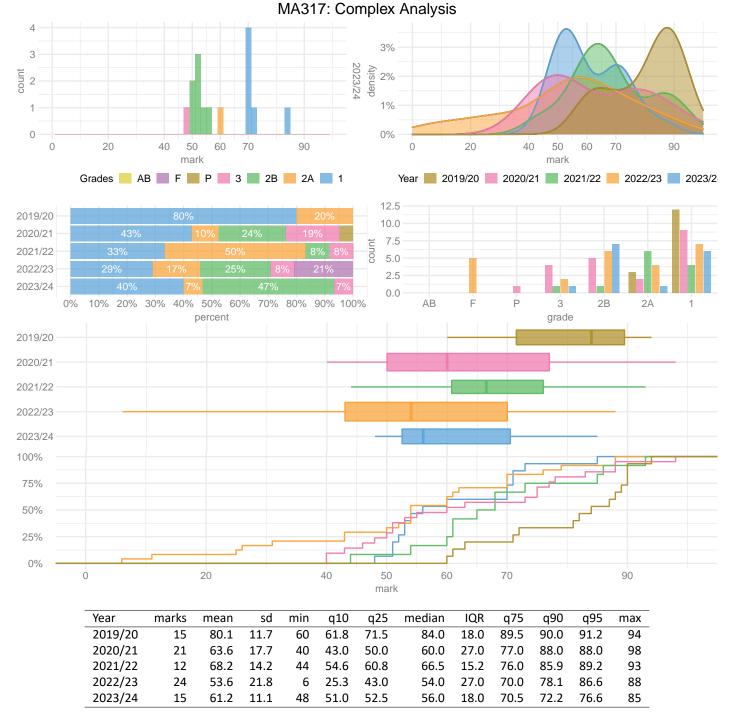
MA321: Grade summary – Count and Percentage distribution (%).



MA330: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23	13				2		4	7					15.4		30.8	53.8
2023/24	19		2		4	4	4	5			10.5		21.1	21.1	21.1	26.3

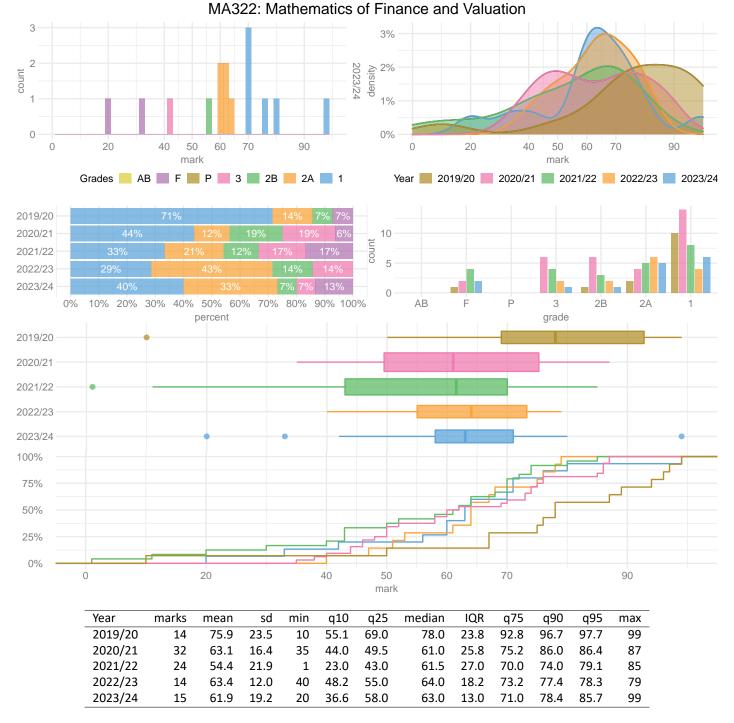
MA330: Grade summary – Count and Percentage distribution (%).



MA317: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	15						3	12							20.0	80.0
2020/21	21			1	4	5	2	9				4.8	19.0	23.8	9.5	42.9
2021/22	12				1	1	6	4					8.3	8.3	50.0	33.3
2022/23	24		5		2	6	4	7			20.8		8.3	25.0	16.7	29.2
2023/24	15				1	7	1	6					6.7	46.7	6.7	40.0

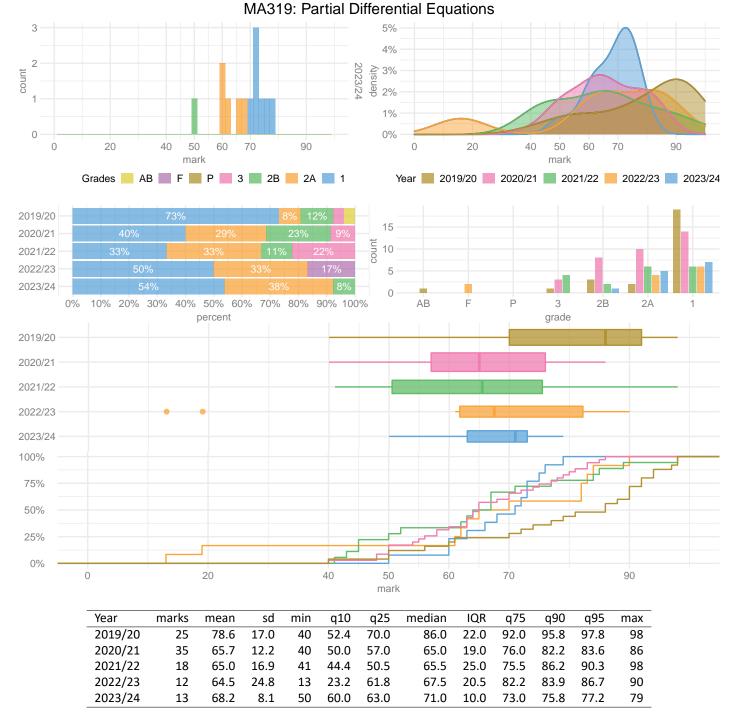
MA317: Grade summary – Count and Percentage distribution (%).



MA322: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	14		1			1	2	10			7.1			7.1	14.3	71.4
2020/21	32		2		6	6	4	14			6.2		18.8	18.8	12.5	43.8
2021/22	24		4		4	3	5	8			16.7		16.7	12.5	20.8	33.3
2022/23	14				2	2	6	4					14.3	14.3	42.9	28.6
2023/24	15		2		1	1	5	6			13.3		6.7	6.7	33.3	40.0

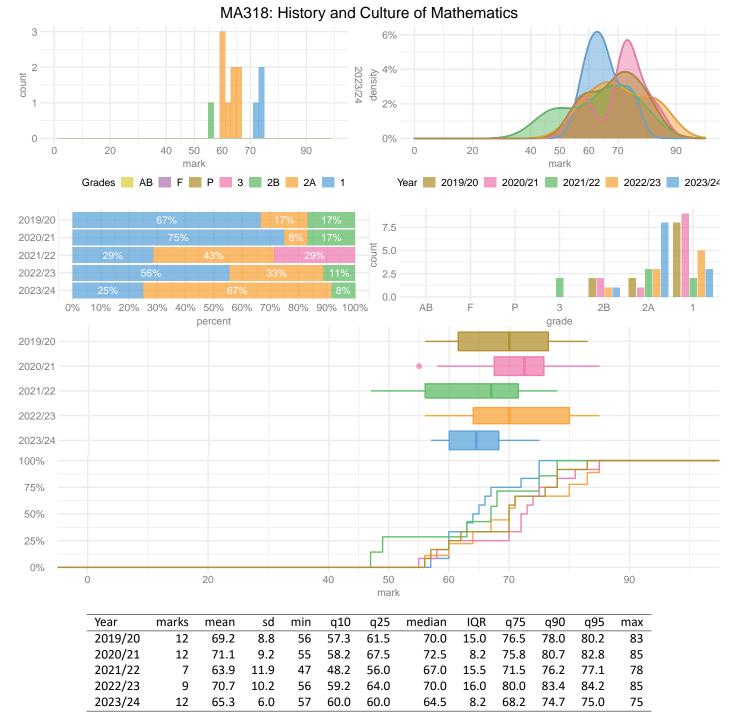
MA322: Grade summary – Count and Percentage distribution (%).



MA319: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	26	1			1	3	2	19		3.8			3.8	11.5	7.7	73.1
2020/21	35				3	8	10	14					8.6	22.9	28.6	40.0
2021/22	18				4	2	6	6					22.2	11.1	33.3	33.3
2022/23	12		2				4	6			16.7				33.3	50.0
2023/24	13					1	5	7						7.7	38.5	53.8

MA319: Grade summary – Count and Percentage distribution (%).



MA318: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	12					2	2	8						16.7	16.7	66.7
2020/21	12					2	1	9						16.7	8.3	75.0
2021/22	7				2		3	2					28.6		42.9	28.6
2022/23	9					1	3	5						11.1	33.3	55.6
2023/24	12					1	8	3						8.3	66.7	25.0

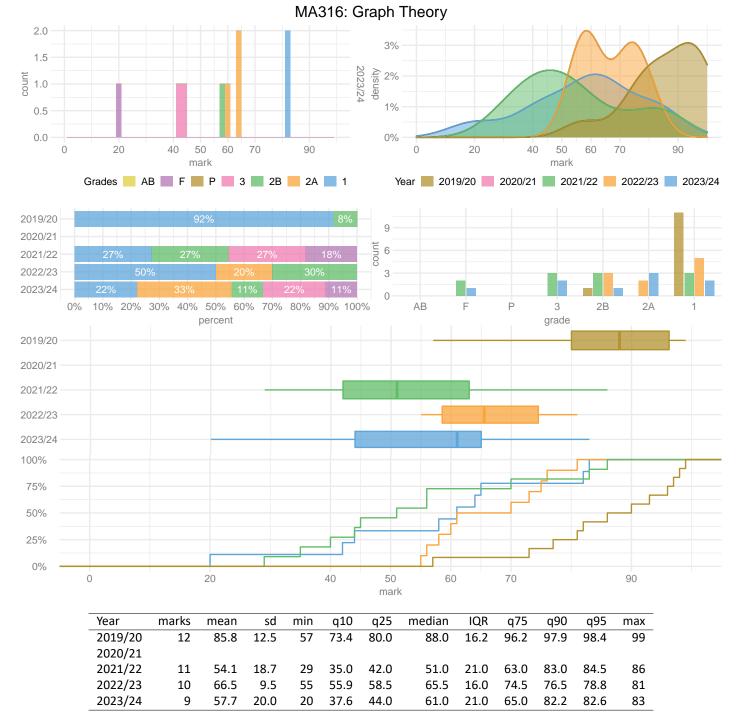
MA318: Grade summary – Count and Percentage distribution (%).



MA334: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21	13		1				2	10			7.7				15.4	76.9
2021/22	10						3	7							30.0	70.0
2022/23	11						3	8							27.3	72.7
2023/24	10						4	6							40.0	60.0

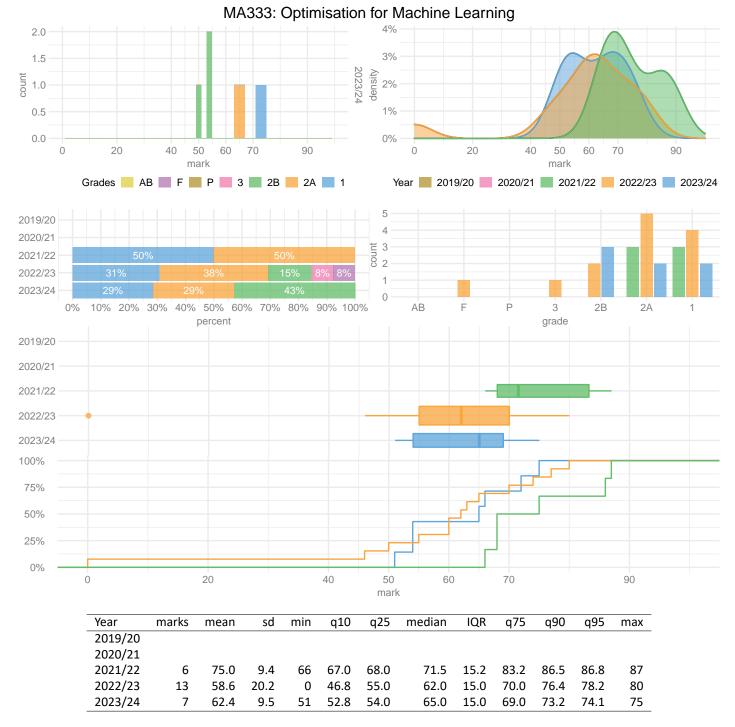
MA334: Grade summary – Count and Percentage distribution (%).



MA316: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	12					1		11						8.3		91.7
2020/21																
2021/22	11		2		3	3		3			18.2		27.3	27.3		27.3
2022/23	10					3	2	5						30.0	20.0	50.0
2023/24	9		1		2	1	3	2			11.1		22.2	11.1	33.3	22.2

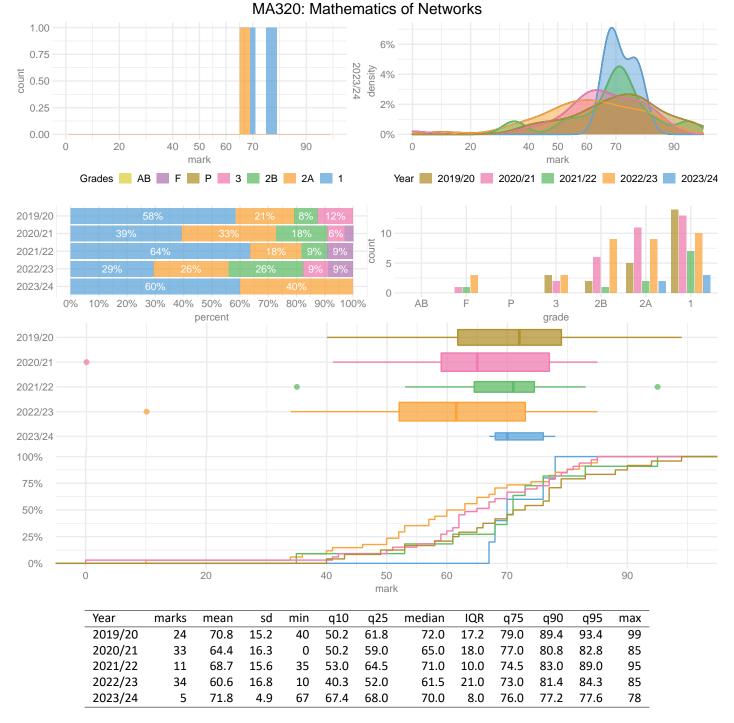
MA316: Grade summary – Count and Percentage distribution (%).



MA333: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20																
2020/21																
2021/22	6						3	3							50.0	50.0
2022/23	13		1		1	2	5	4			7.7		7.7	15.4	38.5	30.8
2023/24	7					3	2	2						42.9	28.6	28.6

MA333: Grade summary – Count and Percentage distribution (%).



MA320: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	Р	3	2B	2A	1	%:	AB	F	Р	3	2B	2A	1
2019/20	24				3	2	5	14					12.5	8.3	20.8	58.3
2020/21	33		1		2	6	11	13			3.0		6.1	18.2	33.3	39.4
2021/22	11		1			1	2	7			9.1			9.1	18.2	63.6
2022/23	34		3		3	9	9	10			8.8		8.8	26.5	26.5	29.4
2023/24	5						2	3							40.0	60.0

MA320: Grade summary - Count and Percentage distribution (%).