

Bachelor's Results by Course Department

2019/20 – 2023/24

19 November 2024

Statistics (ST) courses: 2019/20 – 2023/24

A summary of mark and grade outcomes for Bachelor's students on Statistics (ST) 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.

Statistics (ST) course results

By Academic Year, 2019/20 – 2023/24

Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	2660	72.0	12.6	0	57.0	65.0	72.0	16.0	81.0	87.0	91.0	100
2020/21	2783	67.0	15.2	0	47.0	59.0	68.0	19.0	78.0	84.0	89.0	100
2021/22	2589	64.3	16.3	0	45.0	56.0	66.0	19.0	75.0	84.0	88.0	100
2022/23	2951	63.4	17.0	0	42.0	54.0	66.0	21.0	75.0	83.0	87.0	100
2023/24	2961	64.3	17.3	0	42.0	54.0	66.0	22.0	76.0	84.0	89.0	100

Marks by Year – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	2690	30	29	48	72	228	691	1592		1.1	1.1	1.8	2.7	8.5	25.7	59.2
2020/21	2813	30	88	44	226	367	730	1328		1.1	3.1	1.6	8.0	13.0	26.0	47.2
2021/22	2652	63	136	81	223	449	666	1034		2.4	5.1	3.1	8.4	16.9	25.1	39.0
2022/23	3010	59	182	126	323	438	688	1194		2.0	6.0	4.2	10.7	14.6	22.9	39.7
2023/24	3006	45	149	146	333	431	675	1227		1.5	5.0	4.9	11.1	14.3	22.5	40.8

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

By Level in 2023/24

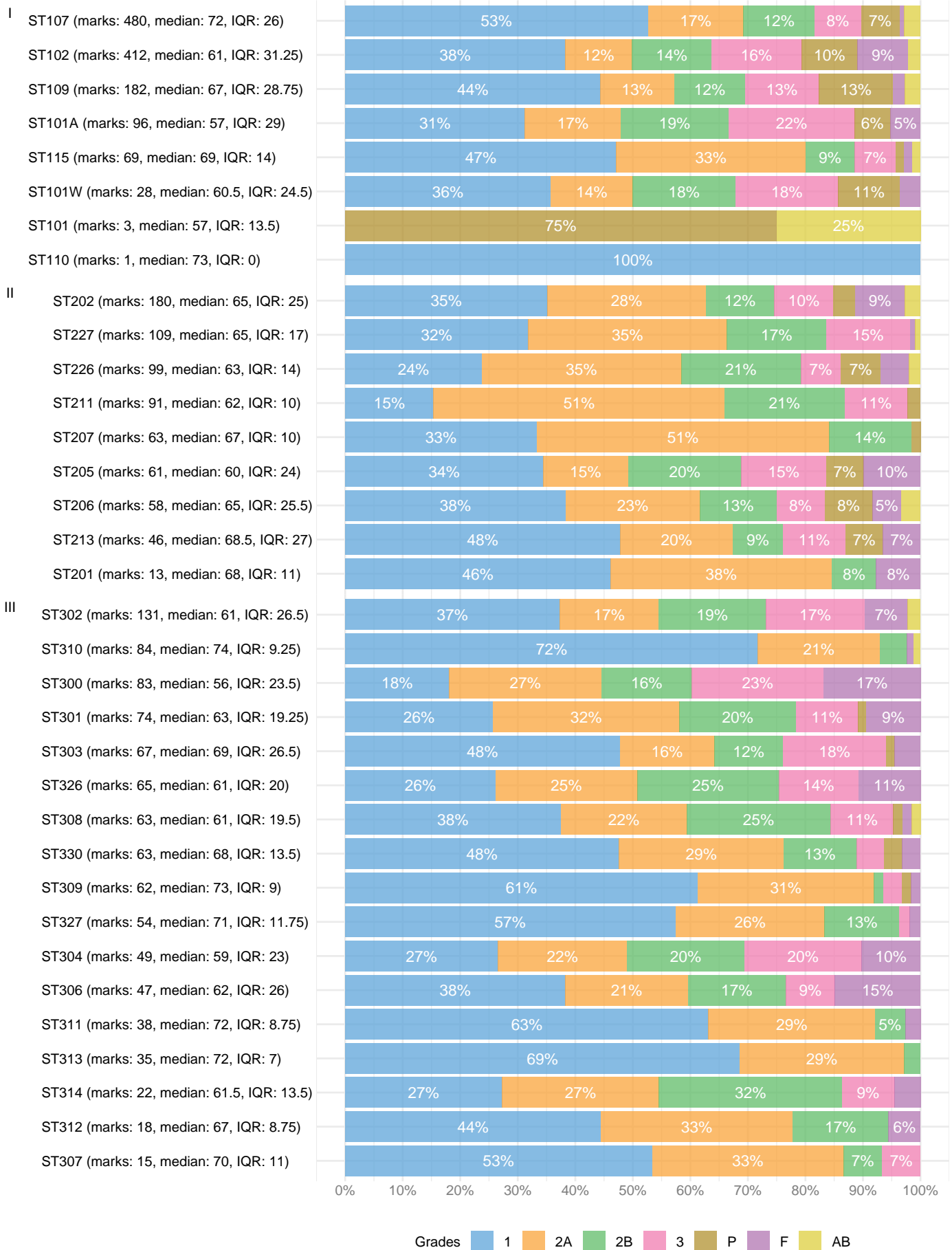
Level	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
I	1271	65.7	18.6	0	41.0	51.0	67.0	30.0	81.0	89.0	94.0	100
II	720	62.7	16.0	0	45.0	55.0	64.0	18.0	73.0	81.0	85.0	99
III	970	63.6	16.2	0	42.0	55.0	67.0	20.0	75.0	80.0	84.0	96

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

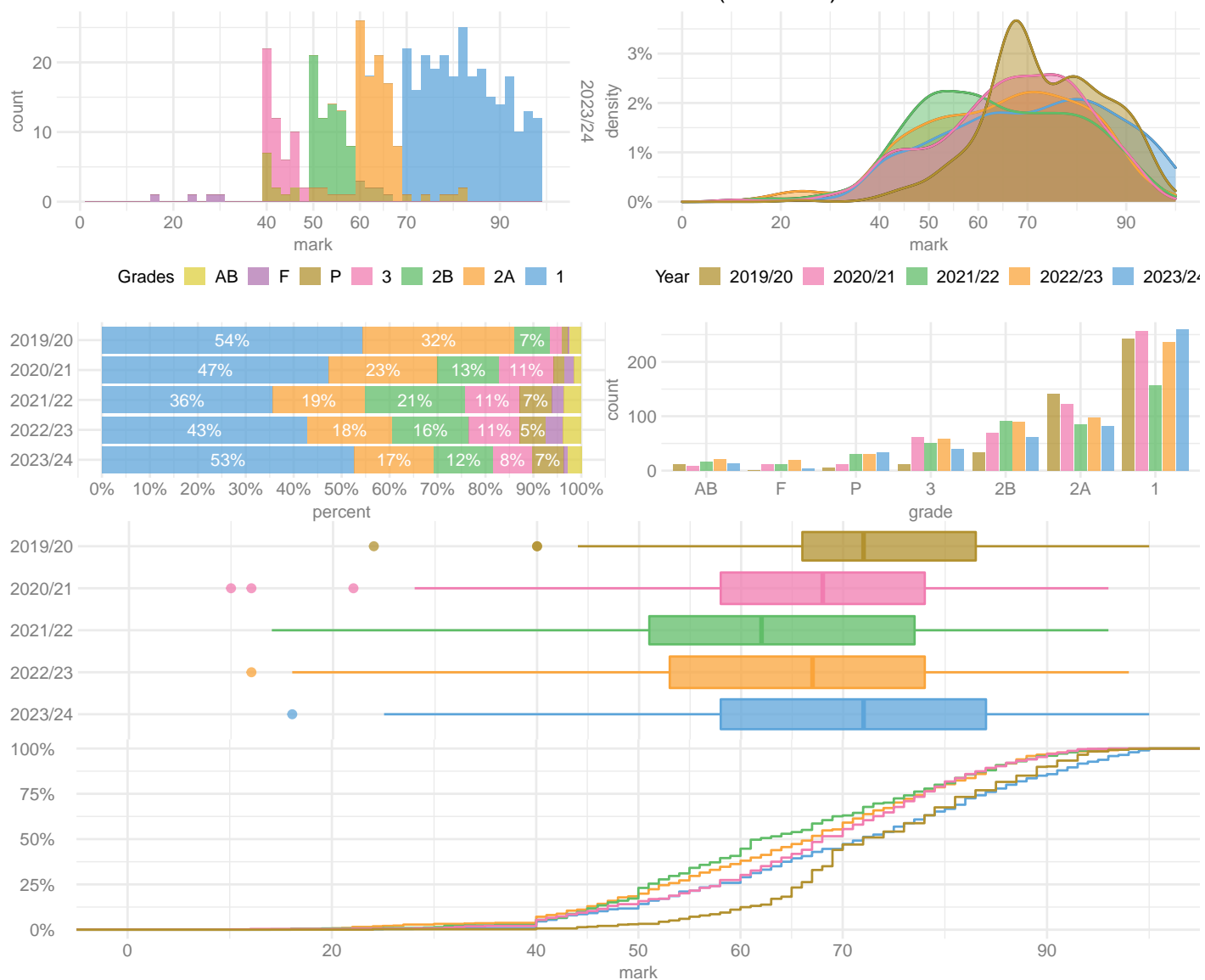
Level	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
I	1301	30	52	111	161	171	198	578		2.3	4.0	8.5	12.4	13.1	15.2	44.4
II	730	10	35	29	71	115	239	231		1.4	4.8	4.0	9.7	15.8	32.7	31.6
III	975	5	62	6	101	145	238	418		0.5	6.4	0.6	10.4	14.9	24.4	42.9

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

Statistics (ST) course results by Level in 2023/24



ST107: Quantitative Methods (Statistics)



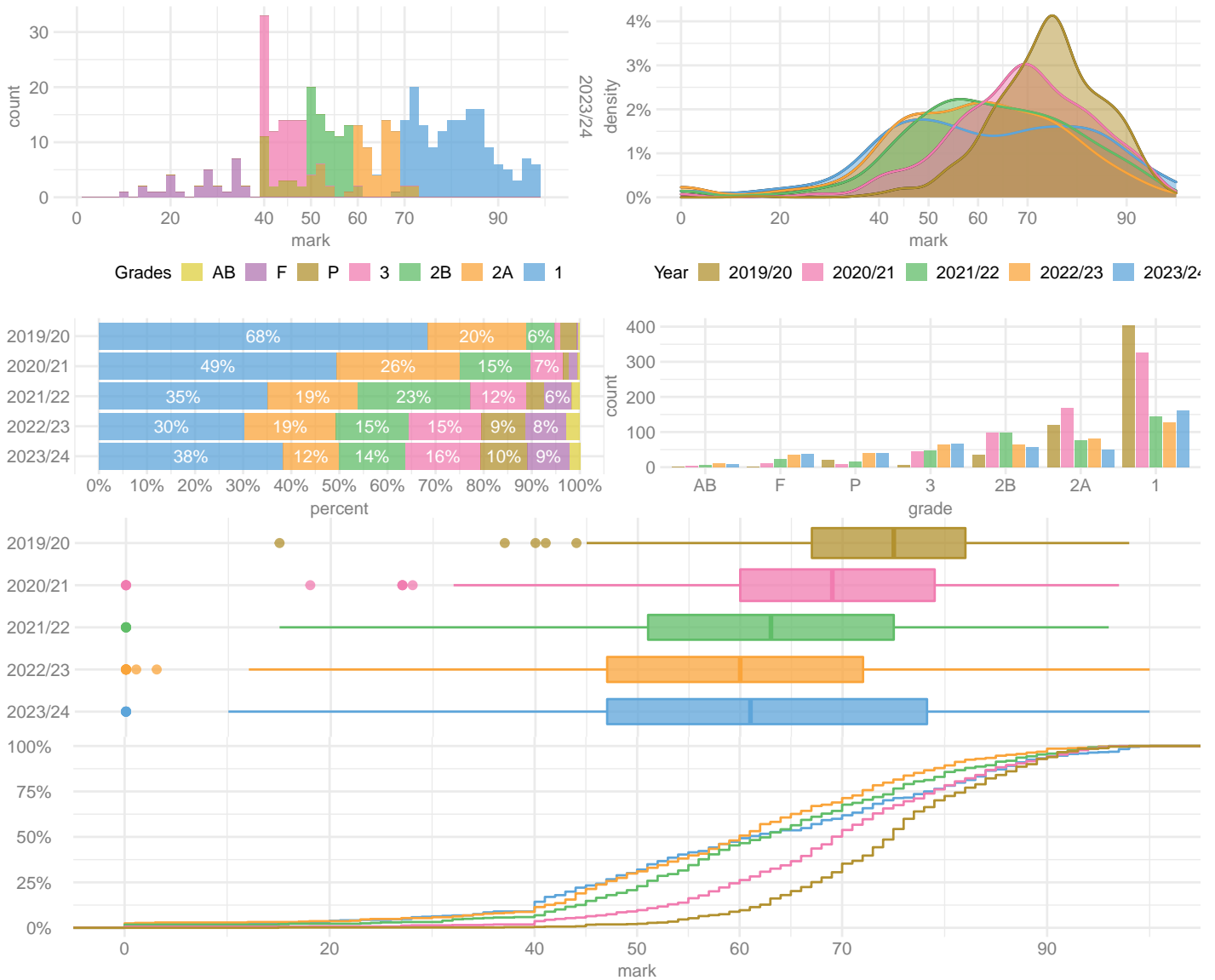
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	434	73.7	12.2	24	59.0	66.0	72.0	17.0	83.0	89.7	93.0	100
2020/21	533	66.9	14.8	10	45.0	58.0	68.0	20.0	78.0	85.0	89.0	96
2021/22	425	64.0	15.8	14	45.0	51.0	62.0	26.0	77.0	85.0	89.0	96
2022/23	533	65.0	16.4	12	43.0	53.0	67.0	25.0	78.0	85.0	88.0	98
2023/24	480	70.6	16.9	16	46.0	58.0	72.0	26.0	84.0	93.0	96.0	100

ST107: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	445	11	1	6	11	33	141	242		2.5	0.2	1.3	2.5	7.4	31.7	54.4
2020/21	541	8	11	12	62	69	123	256		1.5	2.0	2.2	11.5	12.8	22.7	47.3
2021/22	441	16	11	30	50	92	85	157		3.6	2.5	6.8	11.3	20.9	19.3	35.6
2022/23	554	21	20	30	59	89	98	237		3.8	3.6	5.4	10.6	16.1	17.7	42.8
2023/24	494	14	4	33	40	61	82	260		2.8	0.8	6.7	8.1	12.3	16.6	52.6

ST107: Grade summary – Count and Percentage distribution (%).

ST102: Elementary Statistical Theory



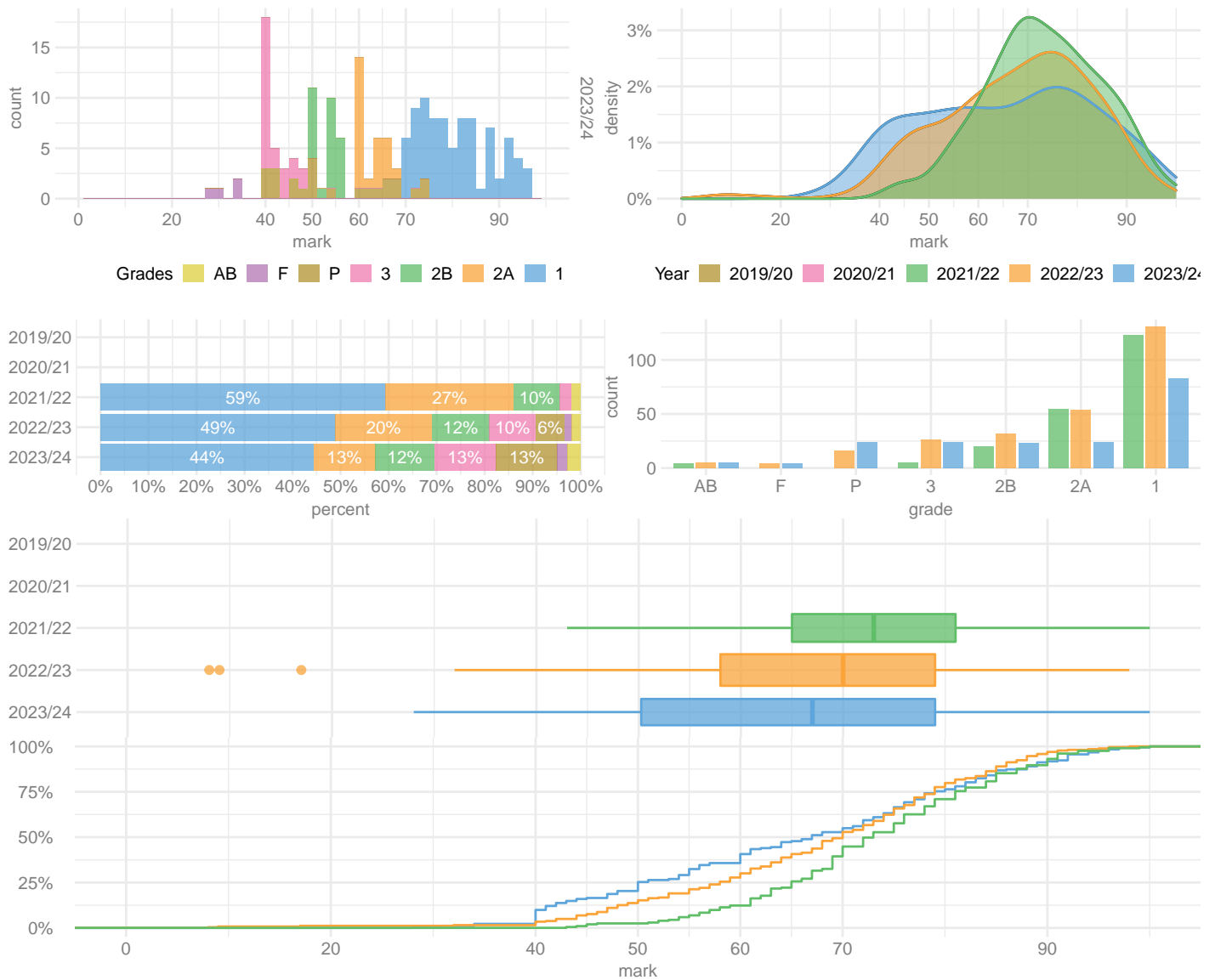
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	589	74.1	11.0	15	61.0	67.0	75.0	15.0	82.0	88.2	91.0	98
2020/21	658	68.7	14.7	0	51.0	60.0	69.0	19.0	79.0	87.0	91.0	97
2021/22	406	62.1	17.7	0	42.5	51.0	63.0	24.0	75.0	85.0	89.0	96
2022/23	412	58.8	18.6	0	40.0	47.0	60.0	25.0	72.0	81.0	86.0	100
2023/24	412	61.3	20.9	0	40.0	47.0	61.0	31.2	78.2	87.0	92.0	100

ST102: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	591	2	2	20	7	35	121	404		0.3	0.3	3.4	1.2	5.9	20.5	68.4
2020/21	661	3	12	8	45	97	169	327		0.5	1.8	1.2	6.8	14.7	25.6	49.5
2021/22	413	7	24	15	48	97	77	145		1.7	5.8	3.6	11.6	23.5	18.6	35.1
2022/23	424	12	36	39	64	64	81	128		2.8	8.5	9.2	15.1	15.1	19.1	30.2
2023/24	421	9	37	41	66	58	49	161		2.1	8.8	9.7	15.7	13.8	11.6	38.2

ST102: Grade summary – Count and Percentage distribution (%).

ST109: Elementary Statistical Theory I



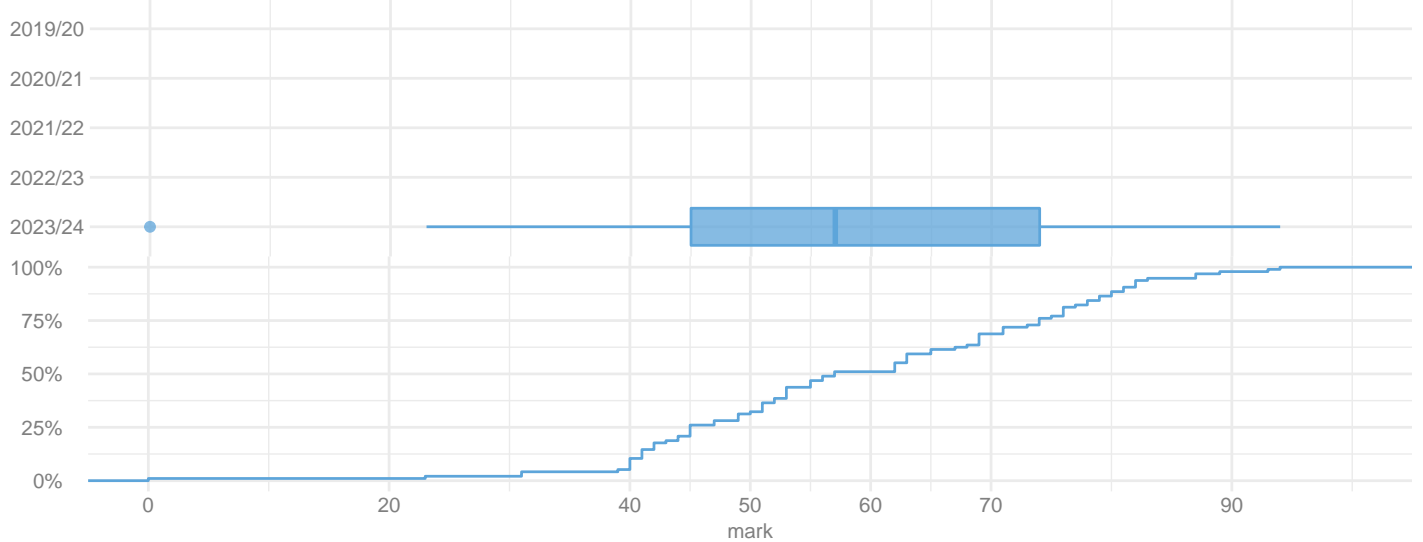
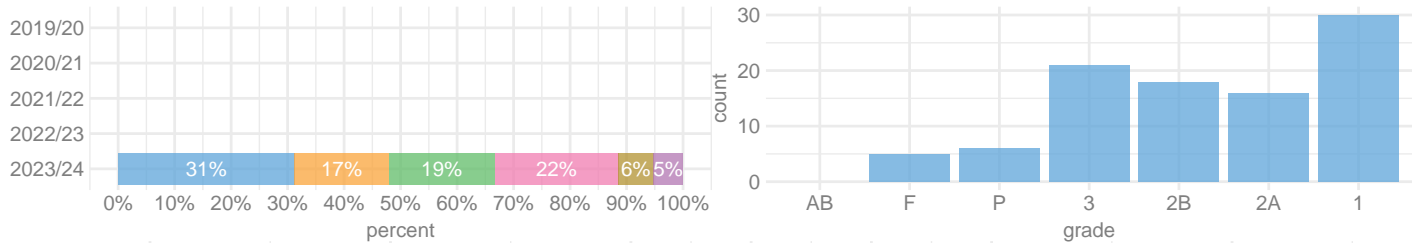
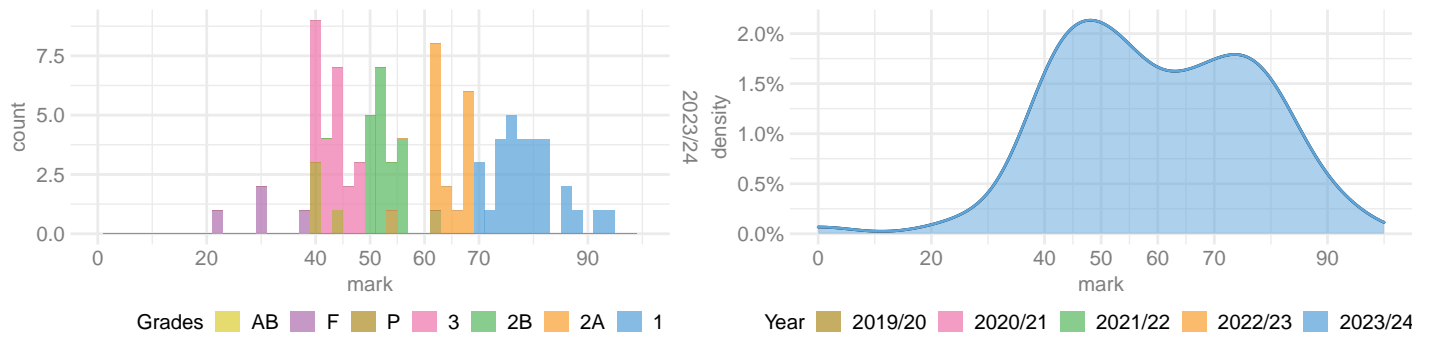
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22	203	73.1	11.7	43	58.0	65.0	73.0	16.0	81.0	89.6	91.0	100
2022/23	263	67.8	15.2	8	47.0	58.0	70.0	21.0	79.0	86.0	88.9	98
2023/24	182	65.8	17.3	28	41.0	50.2	67.0	28.8	79.0	89.0	92.0	100

ST109: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22	207	4			5	20	55	123	1.9				2.4	9.7	26.6	59.4
2022/23	268	5	4	16	26	32	54	131	1.9	1.5	6.0	9.7	11.9	20.1	48.9	
2023/24	187	5	4	24	24	23	24	83	2.7	2.1	12.8	12.8	12.3	12.8	44.4	

ST109: Grade summary – Count and Percentage distribution (%).

ST101A: Programming for Data Science



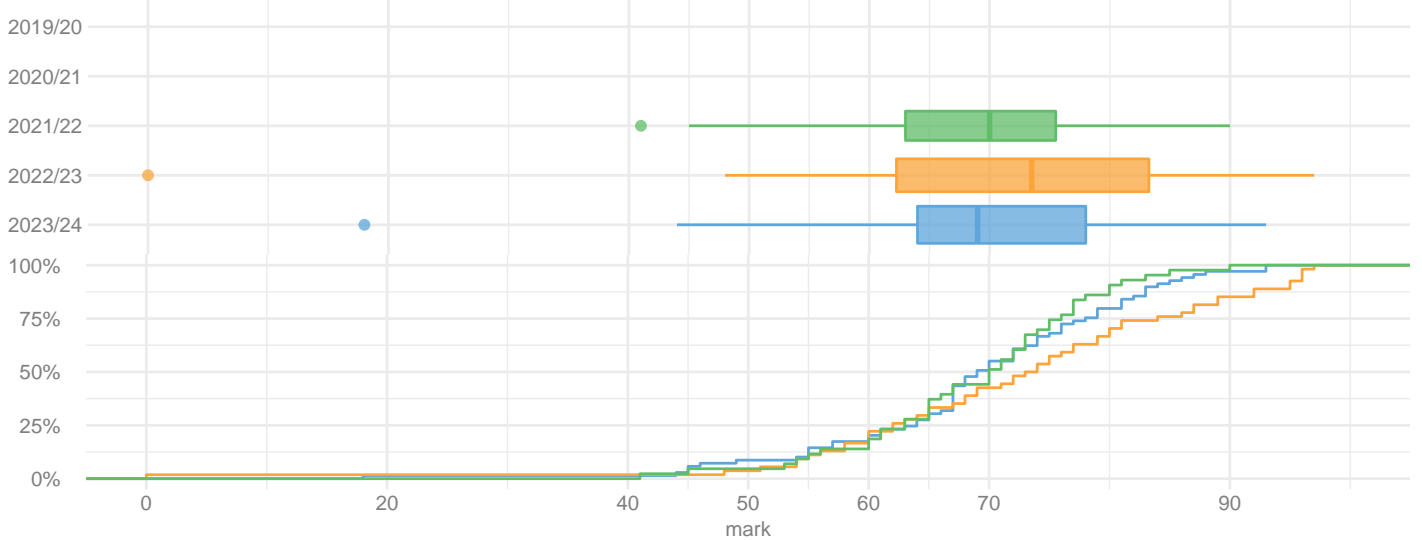
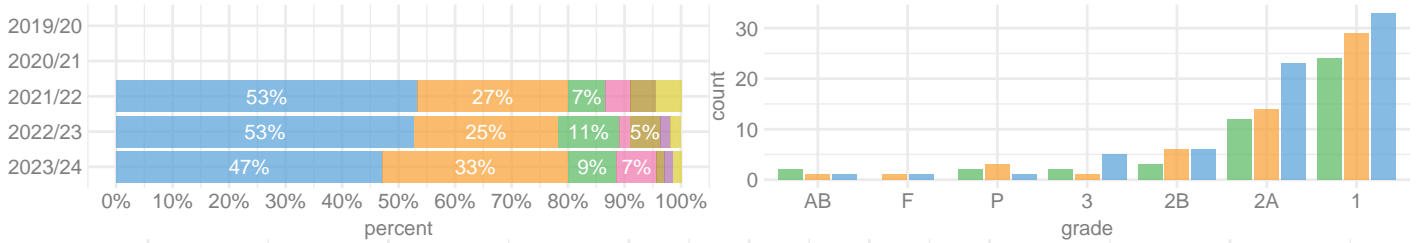
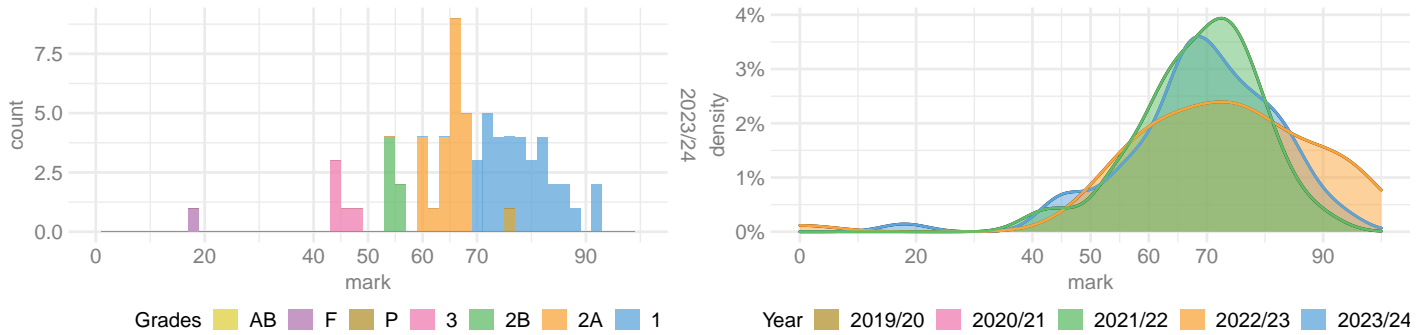
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22												
2022/23												
2023/24	96	59.5	17.1	0	40.5	45.0	57.0	29.0	74.0	81.0	84.0	94

ST101A: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23																
2023/24	96		5	6	21	18	16	30		5.2	6.2	21.9	18.8	16.7	31.2	

ST101A: Grade summary – Count and Percentage distribution (%).

ST115: Managing and Visualising Data



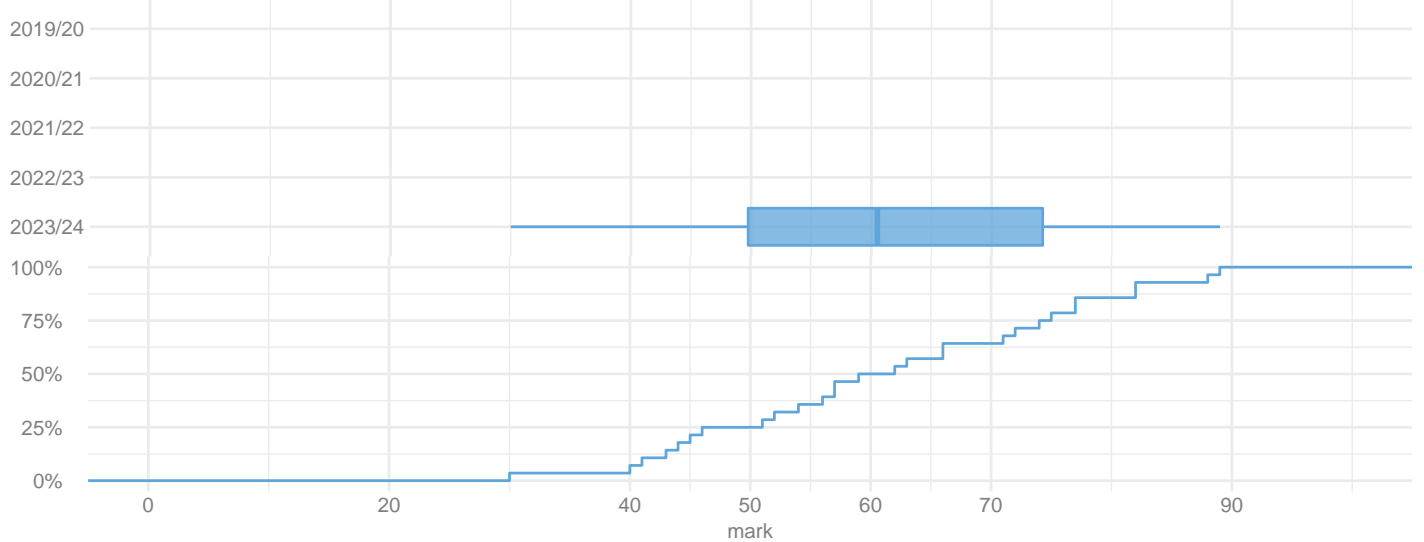
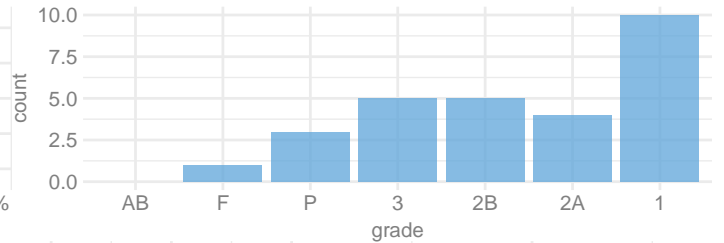
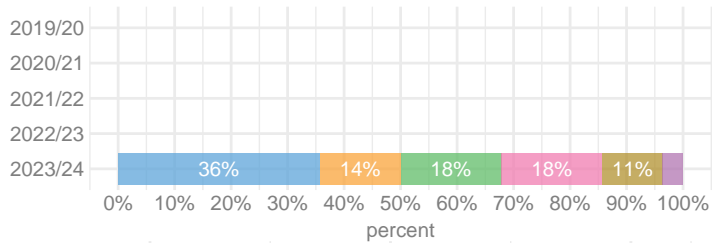
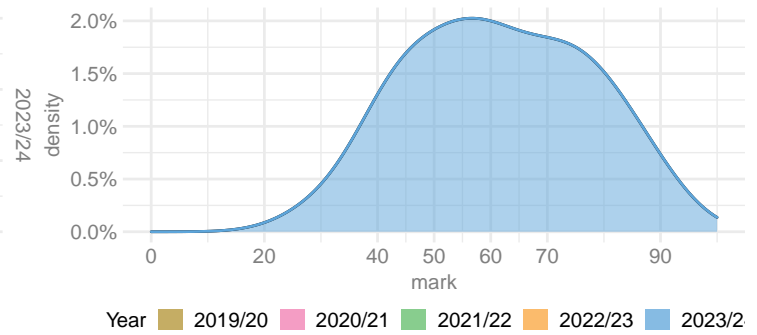
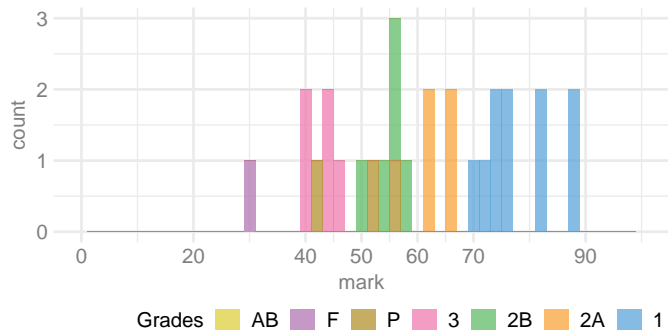
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22	43	68.7	10.3	41	55.2	63.0	70.0	12.5	75.5	80.0	82.8	90
2022/23	54	72.5	16.7	0	55.3	62.2	73.5	21.0	83.2	94.1	96.0	97
2023/24	69	69.1	13.0	18	54.8	64.0	69.0	14.0	78.0	83.2	86.6	93

ST115: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22	45	2		2	2	3	12	24	4.4		4.4	4.4	6.7	26.7	53.3	
2022/23	55	1	1	3	1	6	14	29	1.8	1.8	5.5	1.8	10.9	25.5	52.7	
2023/24	70	1	1	1	5	6	23	33	1.4	1.4	1.4	7.1	8.6	32.9	47.1	

ST115: Grade summary – Count and Percentage distribution (%).

ST101W: Programming for Data Science



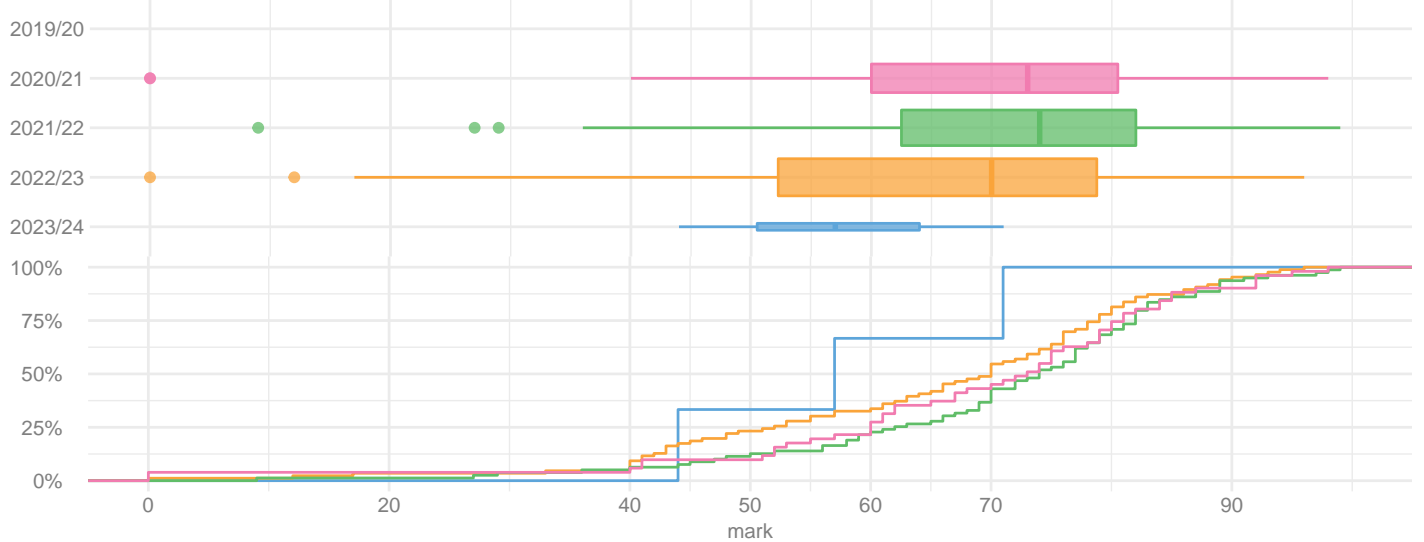
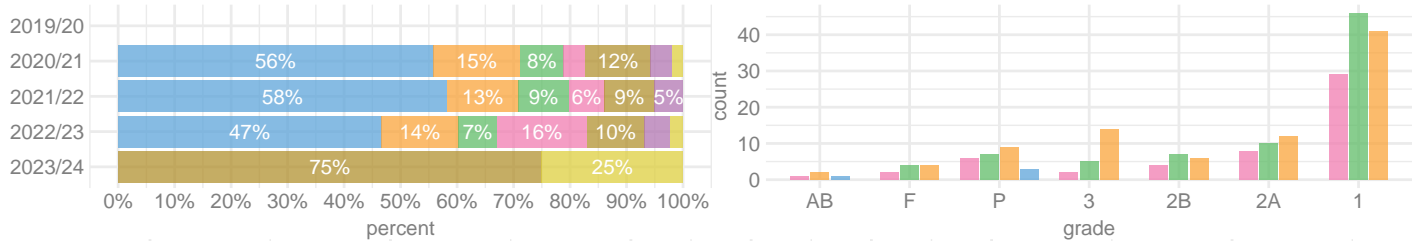
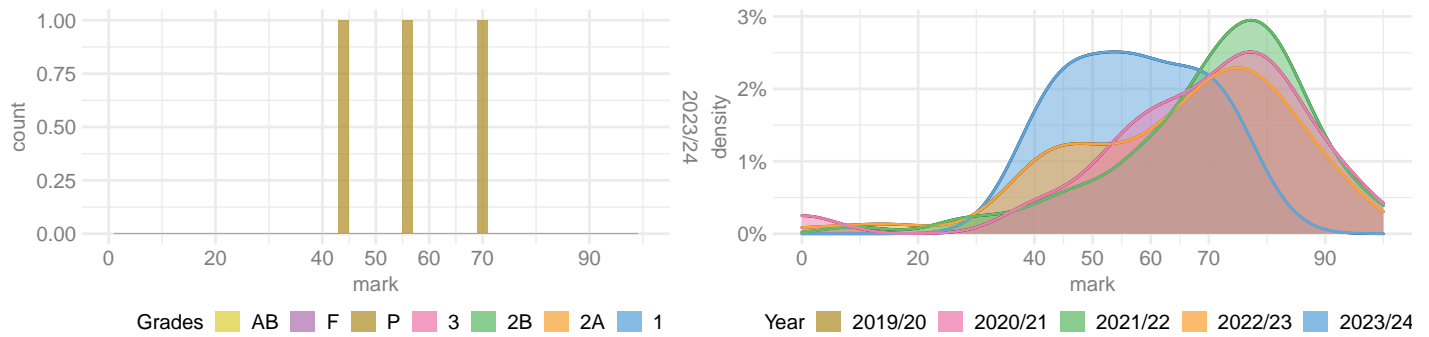
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22												
2022/23												
2023/24	28	61.4	15.8	30	42.4	49.8	60.5	24.5	74.2	82.0	85.9	89

ST101W: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23																
2023/24	28		1	3	5	5	4	10		3.6	10.7	17.9	17.9	14.3	35.7	

ST101W: Grade summary – Count and Percentage distribution (%).

ST101: Programming for Data Science



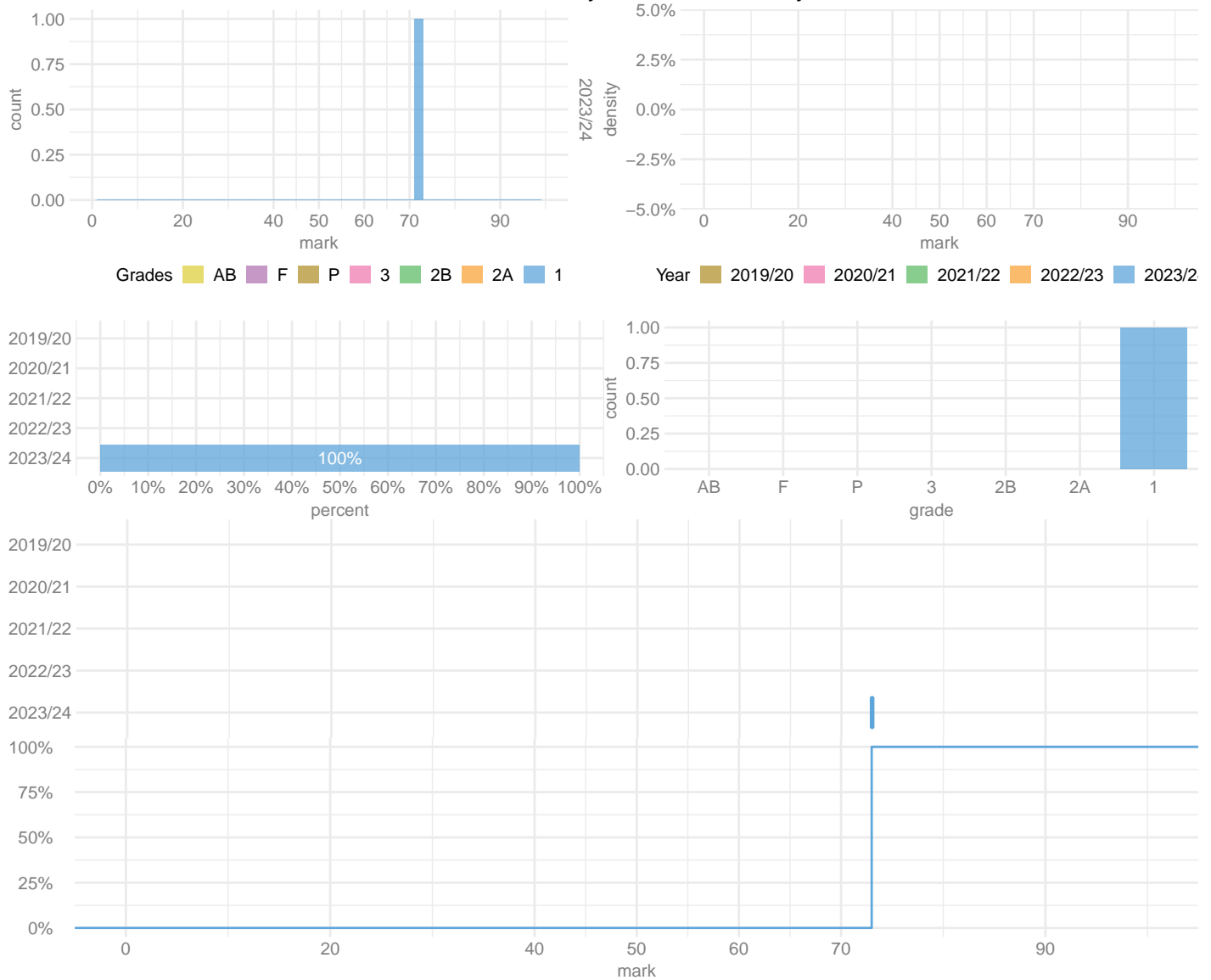
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21	51	68.3	19.8	0	51.0	60.0	73.0	20.5	80.5	87.0	92.0	98
2021/22	79	70.7	16.7	9	47.8	62.5	74.0	19.5	82.0	89.0	91.2	99
2022/23	86	65.0	19.0	0	41.0	52.2	70.0	26.5	78.8	86.5	89.8	96
2023/24	3	57.3	13.5	44	46.6	50.5	57.0	13.5	64.0	68.2	69.6	71

ST101: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21	52	1	2	6	2	4	8	29		1.9	3.8	11.5	3.8	7.7	15.4	55.8
2021/22	79		4	7	5	7	10	46			5.1	8.9	6.3	8.9	12.7	58.2
2022/23	88	2	4	9	14	6	12	41		2.3	4.5	10.2	15.9	6.8	13.6	46.6
2023/24	4	1		3						25.0		75.0				

ST101: Grade summary – Count and Percentage distribution (%).

ST110: Elementary Statistical Theory II



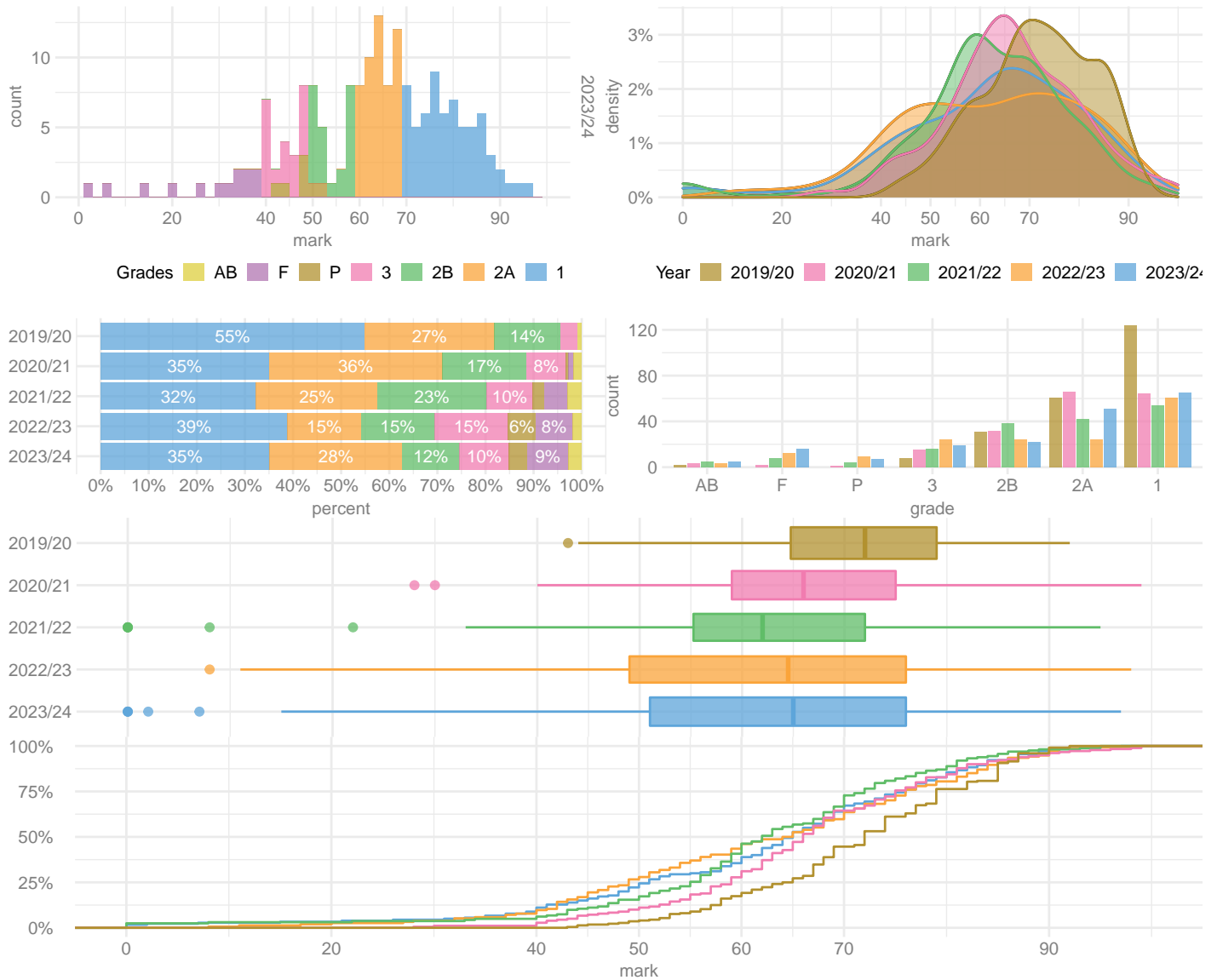
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22												
2022/23												
2023/24	1	73.0		73	73.0	73.0	73		73.0	73.0	73.0	73

ST110: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23																
2023/24	1							1								100.0

ST110: Grade summary – Count and Percentage distribution (%).

ST202: Probability, Distribution Theory and Inference



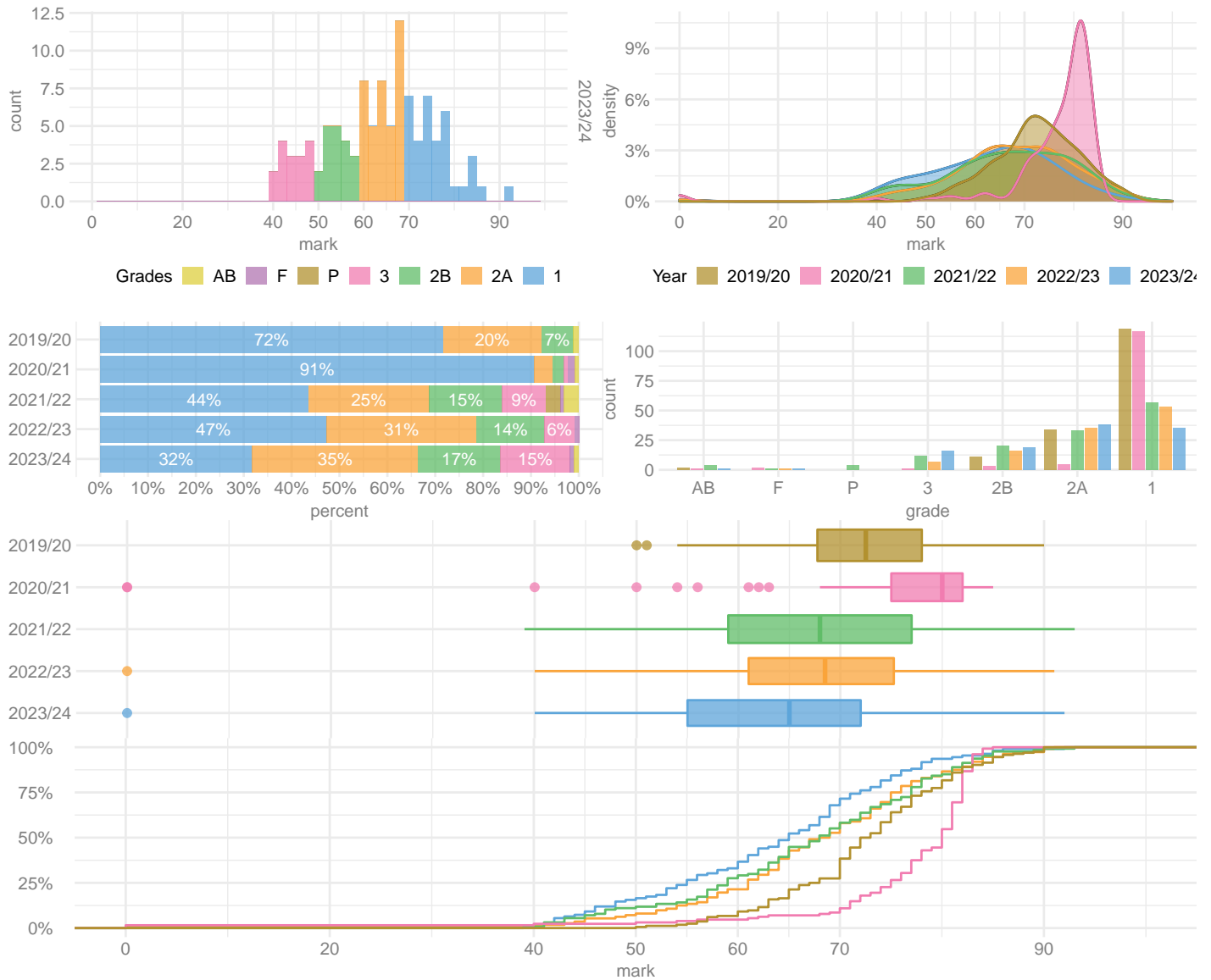
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	224	71.5	11.3	43	56.3	64.8	72.0	14.2	79.0	85.0	87.0	92
2020/21	180	66.5	13.3	28	49.9	59.0	66.0	16.0	75.0	82.2	89.0	99
2021/22	162	61.8	16.7	0	44.1	55.2	62.0	16.8	72.0	81.0	84.9	95
2022/23	154	62.3	18.1	8	41.3	49.0	64.5	27.0	76.0	84.7	89.3	98
2023/24	180	62.3	18.6	0	40.0	51.0	65.0	25.0	76.0	84.0	87.0	97

ST202: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1	AB	F	P	3	2B	2A	1
2019/20	226	2			8	31	61	124		0.9			3.5	13.7	27.0	54.9
2020/21	183	3	2	1	15	32	66	64		1.6	1.1	0.5	8.2	17.5	36.1	35.0
2021/22	167	5	8	4	16	38	42	54		3.0	4.8	2.4	9.6	22.8	25.1	32.3
2022/23	157	3	12	9	24	24	24	61		1.9	7.6	5.7	15.3	15.3	15.3	38.9
2023/24	185	5	16	7	19	22	51	65		2.7	8.6	3.8	10.3	11.9	27.6	35.1

ST202: Grade summary – Count and Percentage distribution (%).

ST227: Survival Models



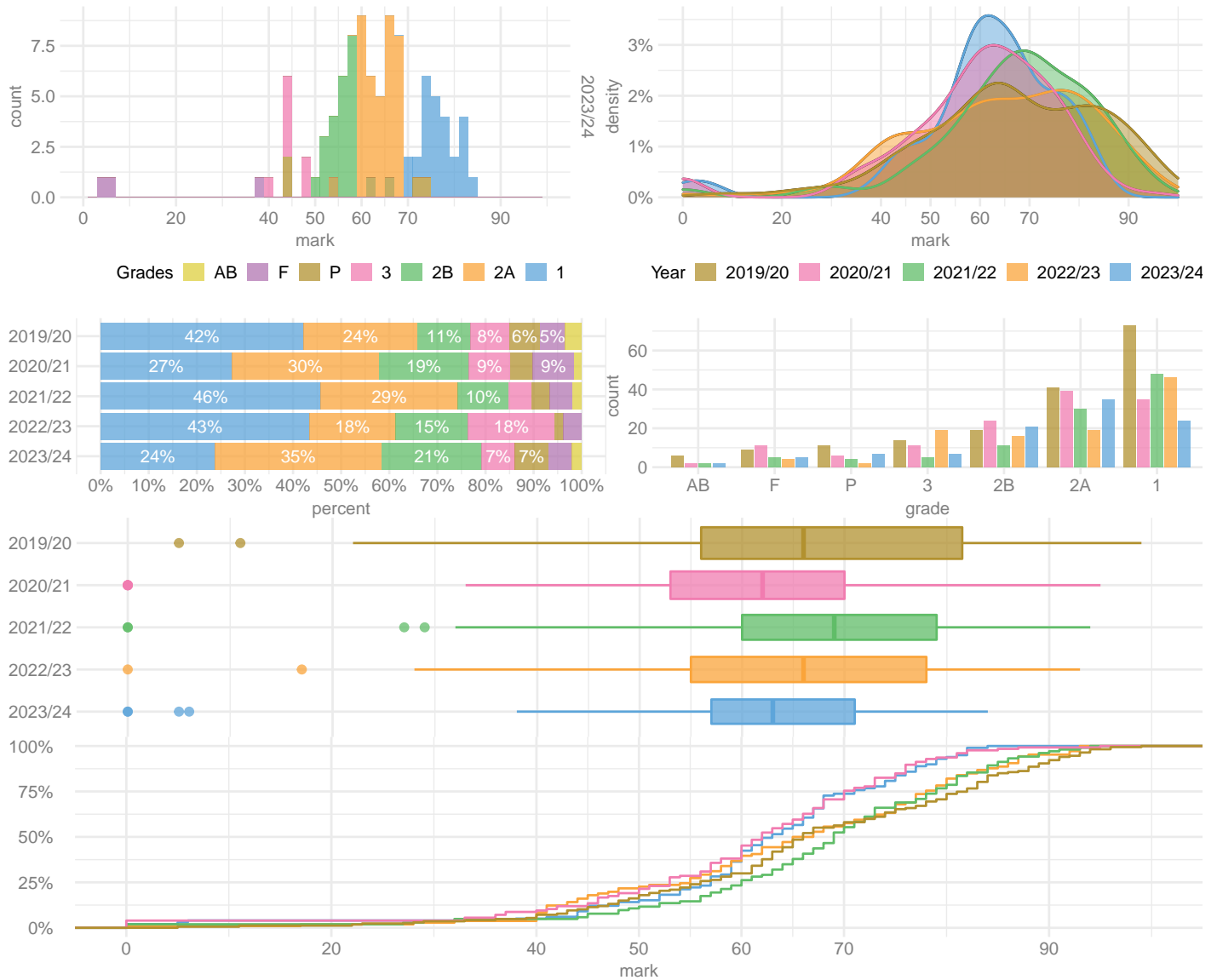
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	164	72.6	8.4	50	62.0	67.8	72.5	10.2	78.0	83.0	85.8	90
2020/21	128	76.3	11.9	0	70.0	75.0	80.0	7.0	82.0	83.0	83.0	85
2021/22	127	67.1	12.2	39	47.6	59.0	68.0	18.0	77.0	82.0	84.0	93
2022/23	112	67.5	12.8	0	53.1	61.0	68.5	14.2	75.2	82.9	84.9	91
2023/24	109	63.2	13.1	0	46.0	55.0	65.0	17.0	72.0	78.0	81.6	92

ST227: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	166	2				11	34	119		1.2				6.6	20.5	71.7
2020/21	129	1	2		1	3	5	117		0.8	1.6		0.8	2.3	3.9	90.7
2021/22	131	4	1	4	12	20	33	57		3.1	0.8	3.1	9.2	15.3	25.2	43.5
2022/23	112		1		7	16	35	53			0.9		6.2	14.3	31.2	47.3
2023/24	110	1	1		16	19	38	35		0.9	0.9		14.5	17.3	34.5	31.8

ST227: Grade summary – Count and Percentage distribution (%).

ST226: Actuarial Investigations: Financial



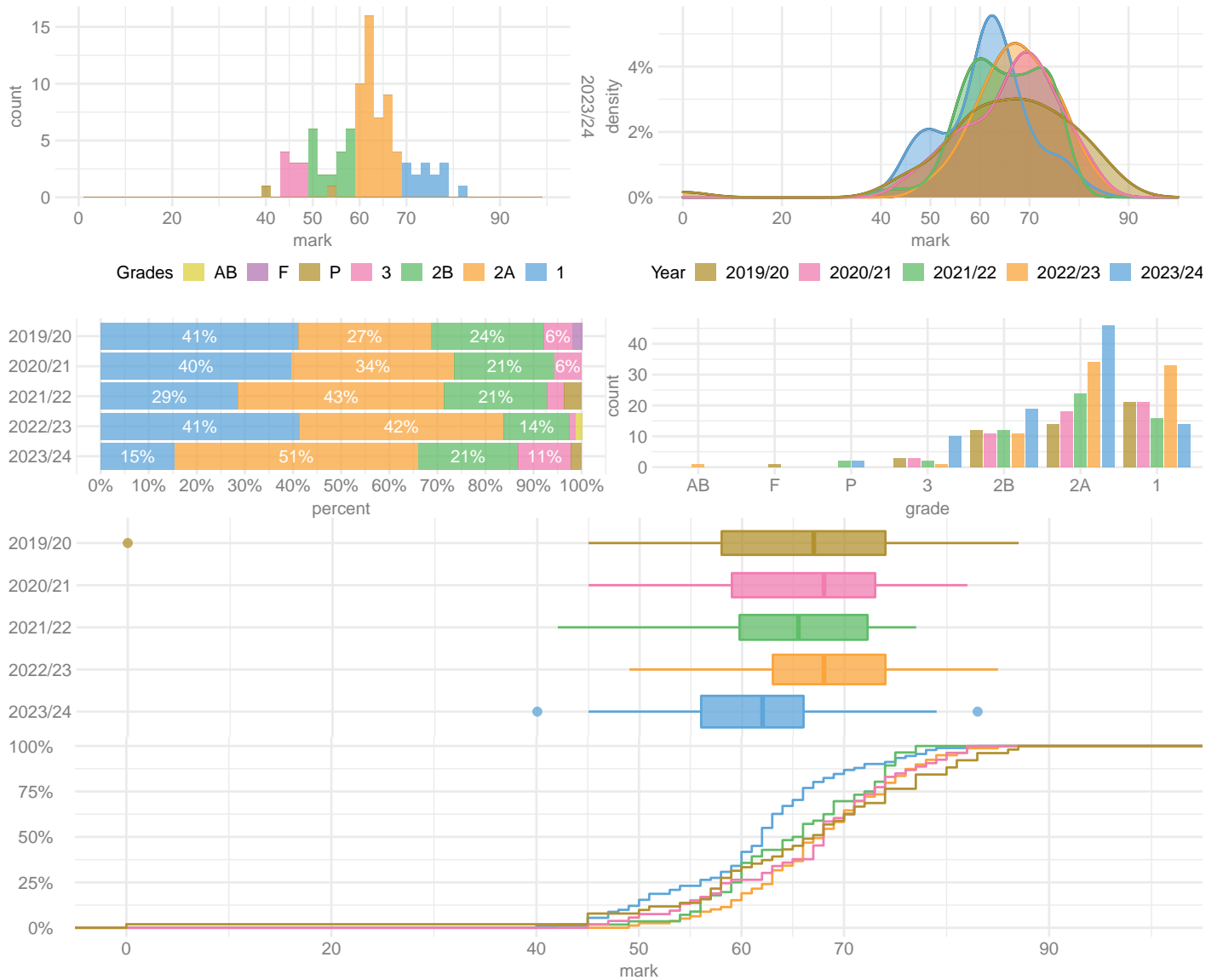
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	167	66.8	17.8	5	44.6	56.0	66.0	25.5	81.5	89.0	92.7	99
2020/21	126	59.7	17.3	0	41.5	53.0	62.0	17.0	70.0	76.5	81.0	95
2021/22	103	67.4	16.4	0	49.2	60.0	69.0	19.0	79.0	84.8	88.8	94
2022/23	106	64.6	17.7	0	41.0	55.0	66.0	23.0	78.0	86.0	87.8	93
2023/24	99	61.4	16.0	0	45.0	57.0	63.0	14.0	71.0	78.2	81.1	84

ST226: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	173	6	9	11	14	19	41	73		3.5	5.2	6.4	8.1	11.0	23.7	42.2
2020/21	128	2	11	6	11	24	39	35		1.6	8.6	4.7	8.6	18.8	30.5	27.3
2021/22	105	2	5	4	5	11	30	48		1.9	4.8	3.8	4.8	10.5	28.6	45.7
2022/23	106		4	2	19	16	19	46			3.8	1.9	17.9	15.1	17.9	43.4
2023/24	101	2	5	7	7	21	35	24		2.0	5.0	6.9	6.9	20.8	34.7	23.8

ST226: Grade summary – Count and Percentage distribution (%).

ST211: Applied Regression



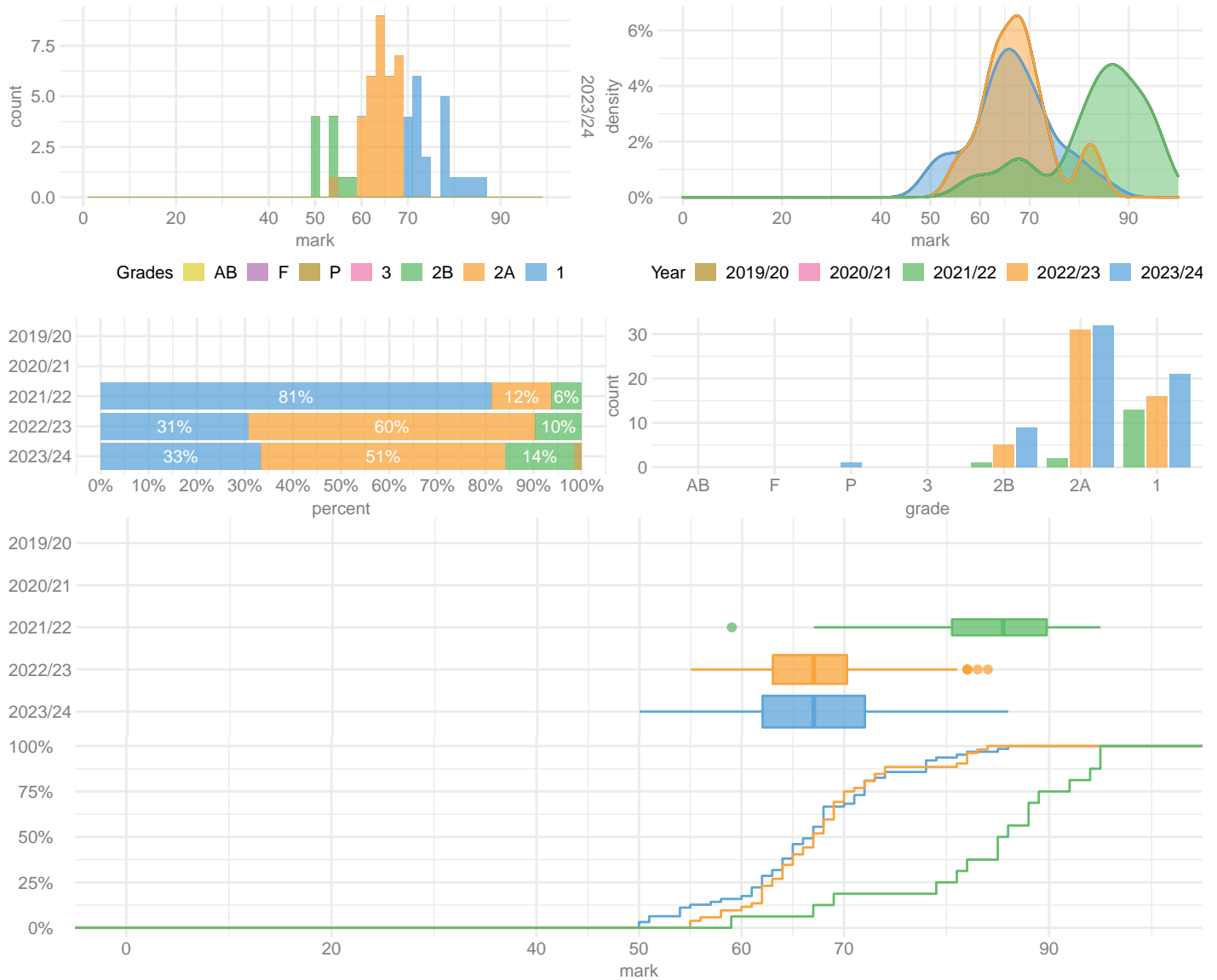
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	51	65.5	14.2	0	51.0	58.0	67.0	16.0	74.0	81.0	83.0	87
2020/21	53	66.4	9.2	45	54.0	59.0	68.0	14.0	73.0	77.8	80.0	82
2021/22	56	64.9	7.8	42	56.0	59.8	65.5	12.5	72.2	74.5	75.0	77
2022/23	79	67.6	7.8	49	57.8	63.0	68.0	11.0	74.0	77.2	79.2	85
2023/24	91	61.3	8.9	40	49.0	56.0	62.0	10.0	66.0	72.0	76.5	83

ST211: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	51		1		3	12	14	21		2.0			5.9	23.5	27.5	41.2
2020/21	53				3	11	18	21					5.7	20.8	34.0	39.6
2021/22	56			2	2	12	24	16			3.6		3.6	21.4	42.9	28.6
2022/23	80	1			1	11	34	33	1.3				1.3	13.8	42.5	41.2
2023/24	91			2	10	19	46	14			2.2		11.0	20.9	50.5	15.4

ST211: Grade summary – Count and Percentage distribution (%).

ST207: Databases



Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22	16	83.4	10.5	59	68.0	80.5	85.5	9.2	89.8	94.5	95.0	95
2022/23	52	67.7	7.1	55	60.1	63.0	67.0	7.2	70.2	80.3	82.0	84
2023/24	63	66.6	8.3	50	54.2	62.0	67.0	10.0	72.0	78.0	80.8	86

ST207: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22	16					1	2	13						6.2	12.5	81.2
2022/23	52					5	31	16						9.6	59.6	30.8
2023/24	63			1		9	32	21				1.6		14.3	50.8	33.3

ST207: Grade summary – Count and Percentage distribution (%).

ST205: Sample Surveys and Experiments



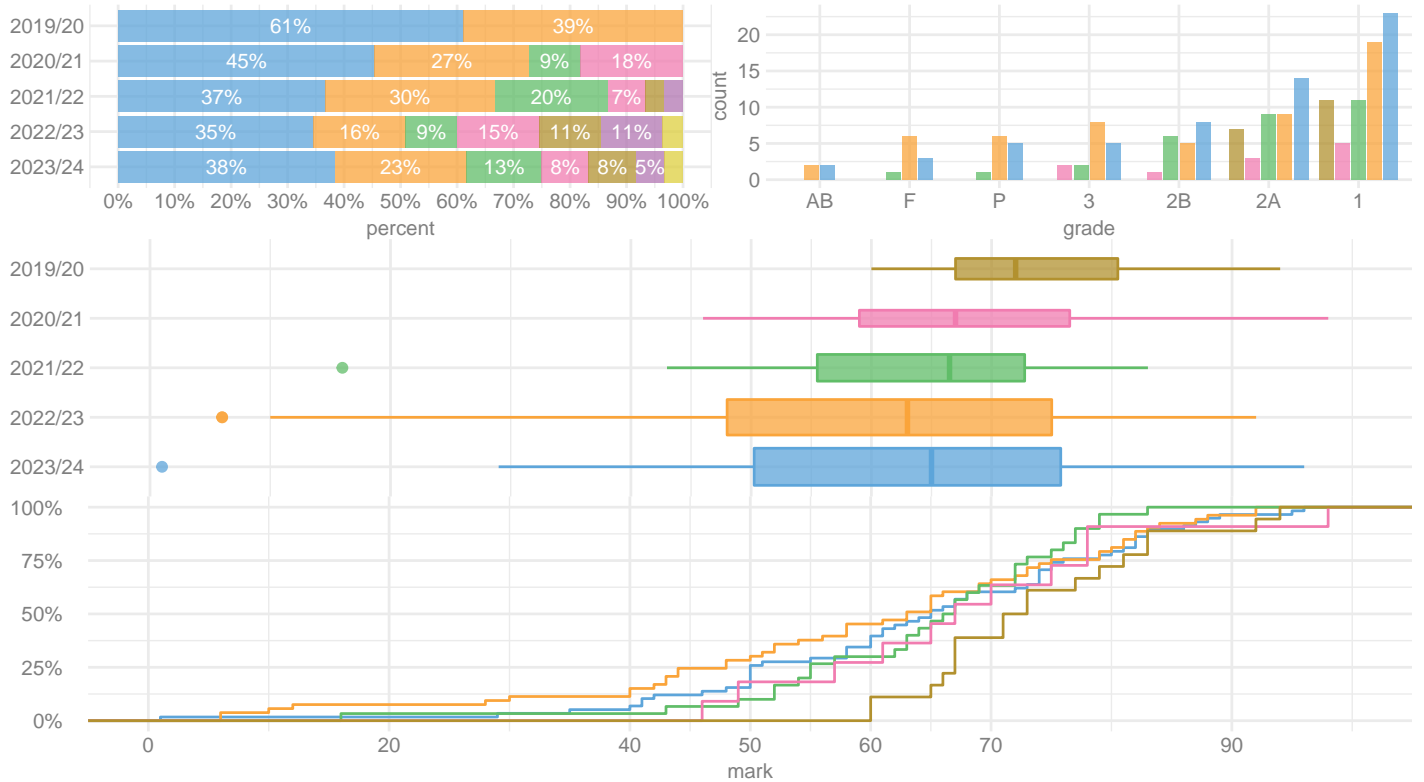
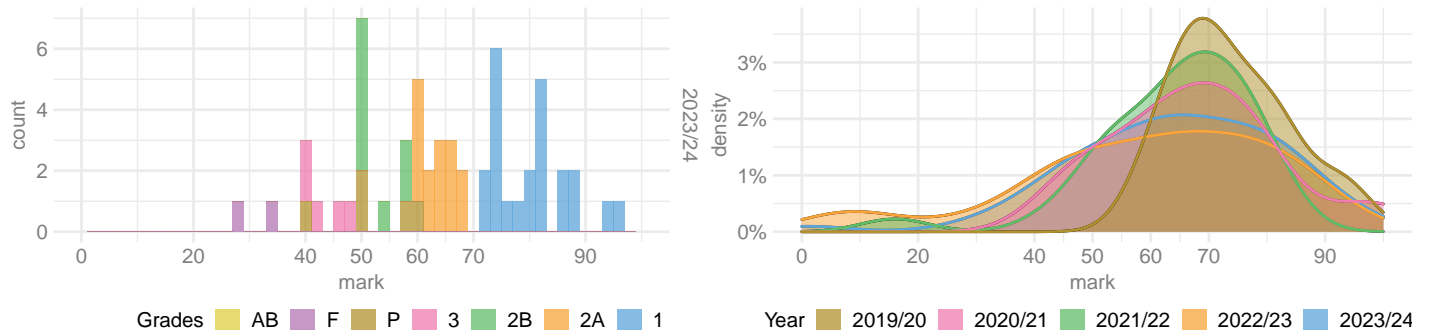
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	131	69.4	6.7	52	62.0	65.0	70.0	8.5	73.5	78.0	79.5	87
2020/21	84	64.1	11.4	34	47.6	57.5	67.0	14.8	72.2	77.4	79.8	84
2021/22	69	63.3	12.7	0	48.4	59.0	66.0	12.0	71.0	76.0	76.6	81
2022/23	95	57.6	13.7	0	40.4	50.5	59.0	17.0	67.5	73.0	76.0	86
2023/24	61	57.8	20.1	0	44.0	49.0	60.0	24.0	73.0	77.0	80.0	81

ST205: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	132	1	1	1	10	50	70		0.8			0.8		7.6	37.9	53.0
2020/21	84		1	1	9	14	29	30			1.2	1.2	10.7	16.7	34.5	35.7
2021/22	70	1	2	1	6	10	23	27		1.4	2.9	1.4	8.6	14.3	32.9	38.6
2022/23	97	2	9	3	13	25	25	20		2.1	9.3	3.1	13.4	25.8	25.8	20.6
2023/24	61		6	4	9	12	9	21			9.8	6.6	14.8	19.7	14.8	34.4

ST205: Grade summary – Count and Percentage distribution (%).

ST206: Probability and Distribution Theory



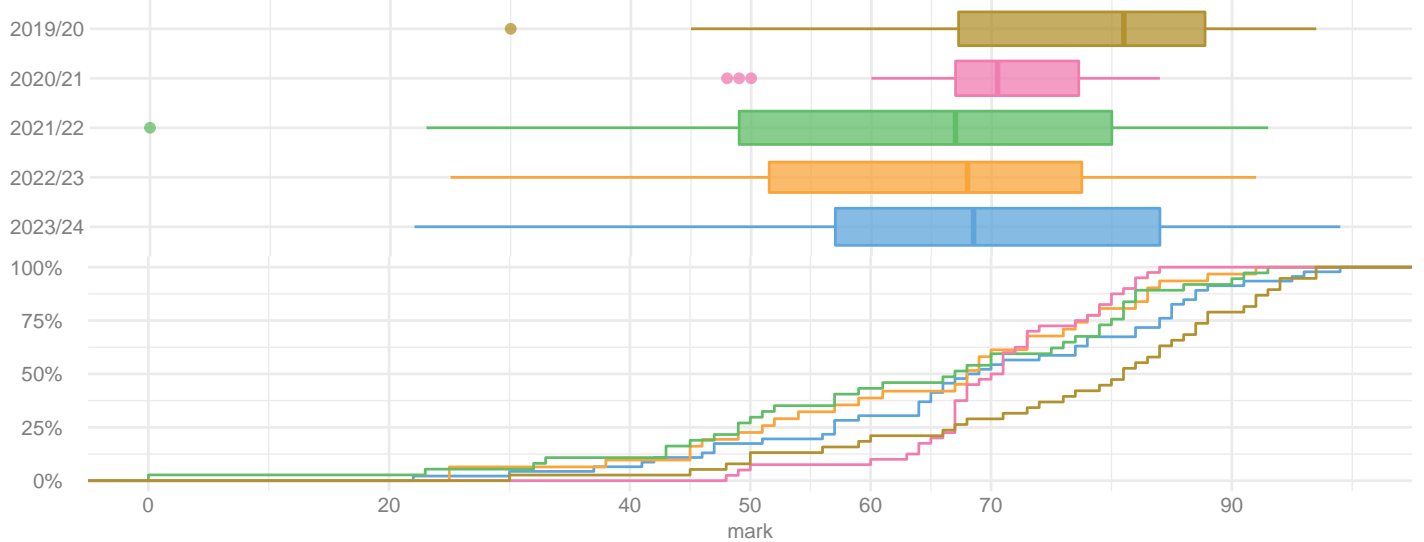
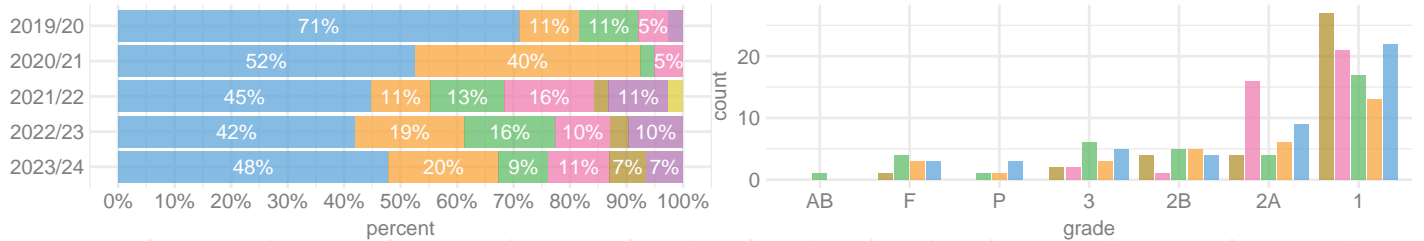
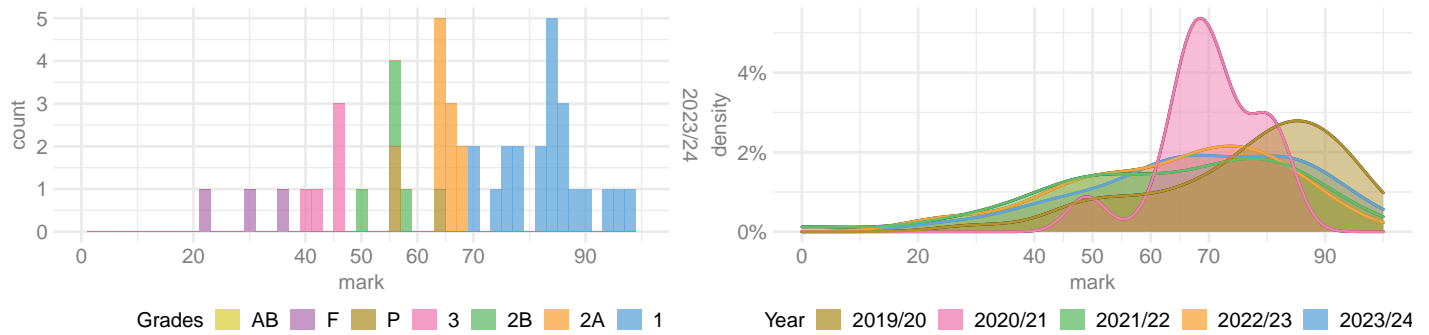
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	18	73.8	9.9	60	63.5	67.0	72.0	13.5	80.5	85.7	92.3	94
2020/21	11	67.6	14.8	46	49.0	59.0	67.0	17.5	76.5	78.0	88.0	98
2021/22	30	64.1	13.6	16	51.7	55.5	66.5	17.2	72.8	77.2	79.0	83
2022/23	53	59.5	21.6	6	32.0	48.0	63.0	27.0	75.0	82.8	87.4	92
2023/24	58	64.1	17.8	1	41.7	50.2	65.0	25.5	75.8	83.9	88.2	96

ST206: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1%	AB	F	P	3	2B	2A	1
2019/20	18						7	11							38.9	61.1
2020/21	11				2	1	3	5					18.2	9.1	27.3	45.5
2021/22	30		1	1	2	6	9	11			3.3	3.3	6.7	20.0	30.0	36.7
2022/23	55	2	6	6	8	5	9	19		3.6	10.9	10.9	14.5	9.1	16.4	34.5
2023/24	60	2	3	5	5	8	14	23		3.3	5.0	8.3	8.3	13.3	23.3	38.3

ST206: Grade summary – Count and Percentage distribution (%).

ST213: Introduction to Pricing, Hedging and Optimization



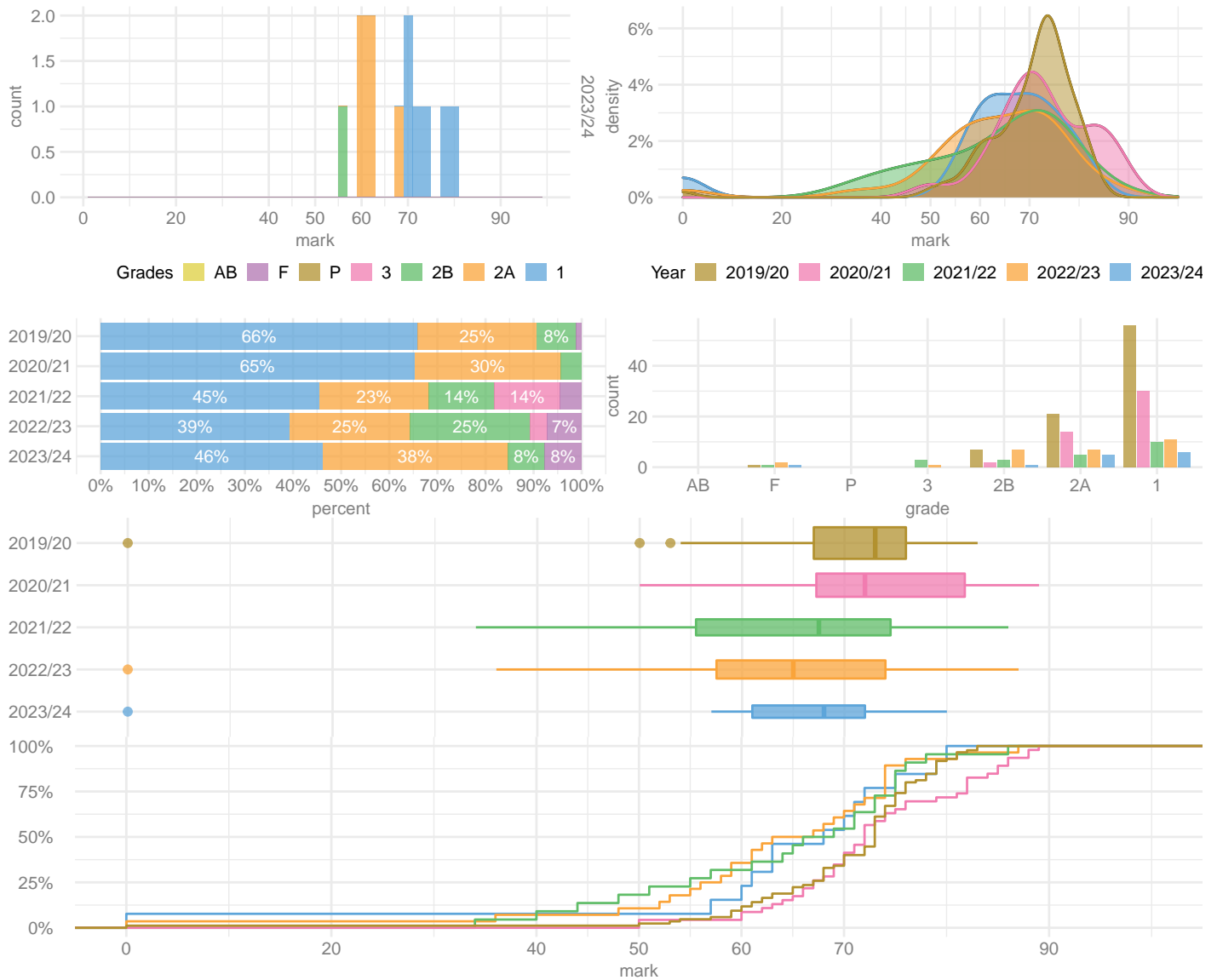
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	38	76.2	16.4	30	50.0	67.2	81.0	20.5	87.8	93.3	94.4	97
2020/21	40	70.2	8.7	48	62.7	67.0	70.5	10.2	77.2	81.1	82.0	84
2021/22	37	62.8	21.0	0	39.0	49.0	67.0	31.0	80.0	83.6	90.2	93
2022/23	31	64.1	17.6	25	45.0	51.5	68.0	26.0	77.5	83.0	86.0	92
2023/24	46	68.4	18.2	22	44.0	57.0	68.5	27.0	84.0	87.5	94.0	99

ST213: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	38		1		2	4	4	27			2.6		5.3	10.5	10.5	71.1
2020/21	40				2	1	16	21					5.0	2.5	40.0	52.5
2021/22	38	1	4	1	6	5	4	17		2.6	10.5	2.6	15.8	13.2	10.5	44.7
2022/23	31		3	1	3	5	6	13			9.7	3.2	9.7	16.1	19.4	41.9
2023/24	46		3	3	5	4	9	22			6.5	6.5	10.9	8.7	19.6	47.8

ST213: Grade summary – Count and Percentage distribution (%).

ST201: Statistical Models and Data Analysis

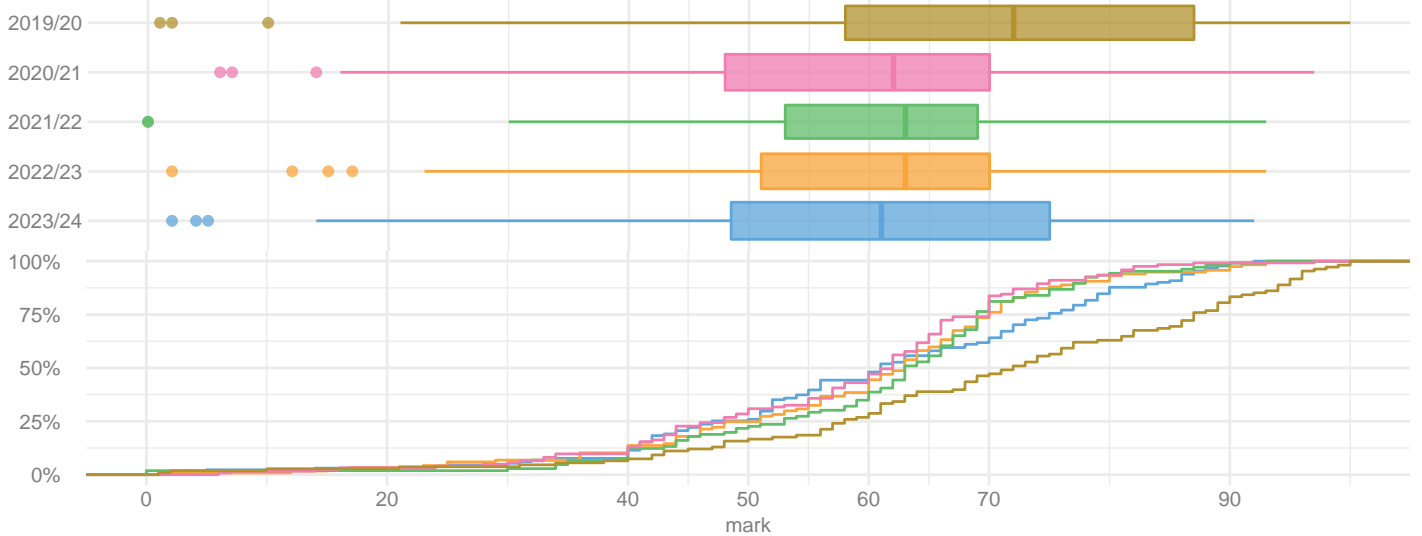
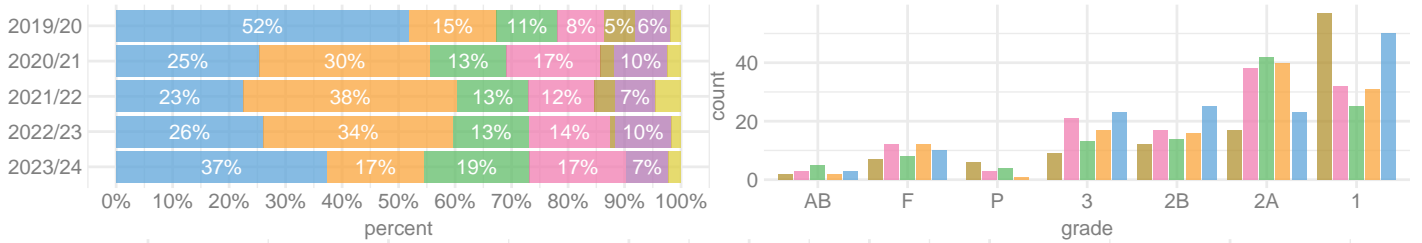
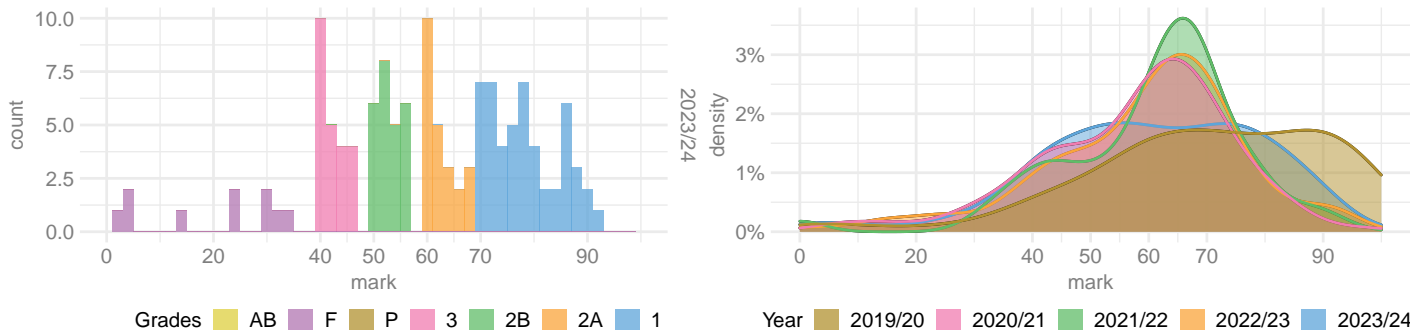


ST201: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1	1	1	1	1	1	1	1
2019/20	85		1			7	21	56			1.2			8.2	24.7	65.9
2020/21	46					2	14	30						4.3	30.4	65.2
2021/22	22		1		3	3	5	10			4.5		13.6	13.6	22.7	45.5
2022/23	28		2		1	7	7	11			7.1		3.6	25.0	25.0	39.3
2023/24	13		1			1	5	6			7.7			7.7	38.5	46.2

ST201: Grade summary – Count and Percentage distribution (%).

ST302: Stochastic Processes



Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	108	70.0	21.1	1	43.0	58.0	72.0	29.0	87.0	95.0	96.0	100
2020/21	123	57.8	16.3	6	40.0	48.0	62.0	22.0	70.0	74.8	81.0	97
2021/22	106	60.8	15.7	0	40.0	53.0	63.0	16.0	69.0	77.5	80.8	93
2022/23	117	59.4	17.1	2	38.4	51.0	63.0	19.0	70.0	77.4	84.0	93
2023/24	131	60.4	18.8	2	40.0	48.5	61.0	26.5	75.0	84.0	87.0	92

ST302: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	110	2	7	6	9	12	17	57		1.8	6.4	5.5	8.2	10.9	15.5	51.8
2020/21	126	3	12	3	21	17	38	32		2.4	9.5	2.4	16.7	13.5	30.2	25.4
2021/22	111	5	8	4	13	14	42	25		4.5	7.2	3.6	11.7	12.6	37.8	22.5
2022/23	119	2	12	1	17	16	40	31		1.7	10.1	0.8	14.3	13.4	33.6	26.1
2023/24	134	3	10		23	25	23	50		2.2	7.5		17.2	18.7	17.2	37.3

ST302: Grade summary – Count and Percentage distribution (%).

ST310: Machine Learning



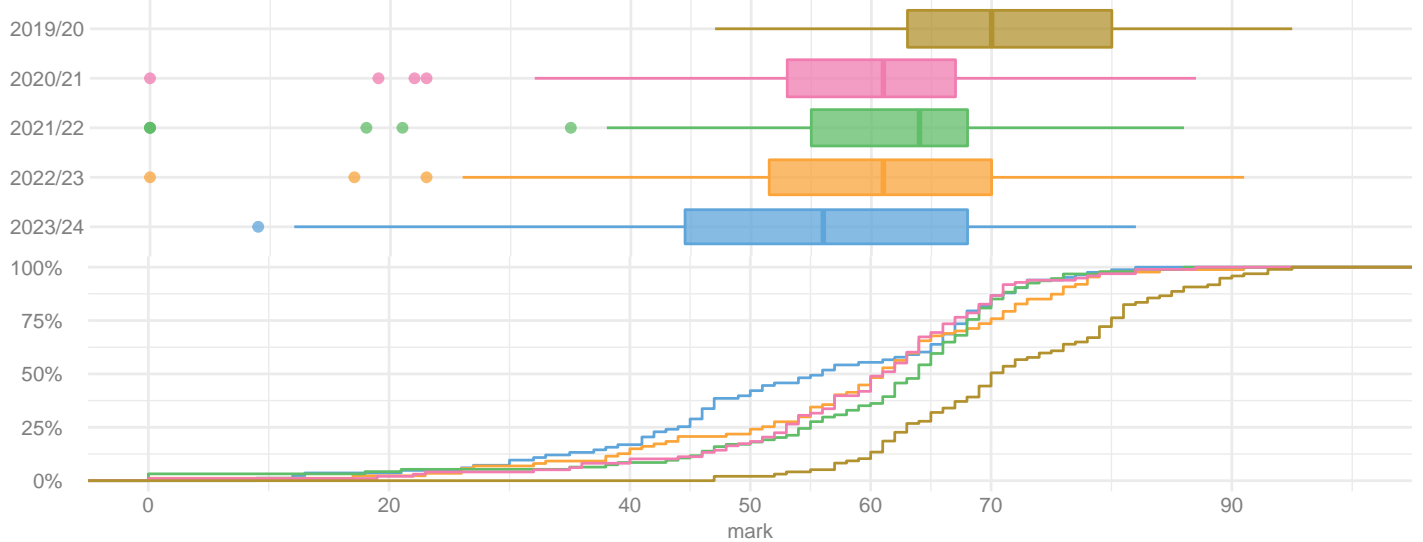
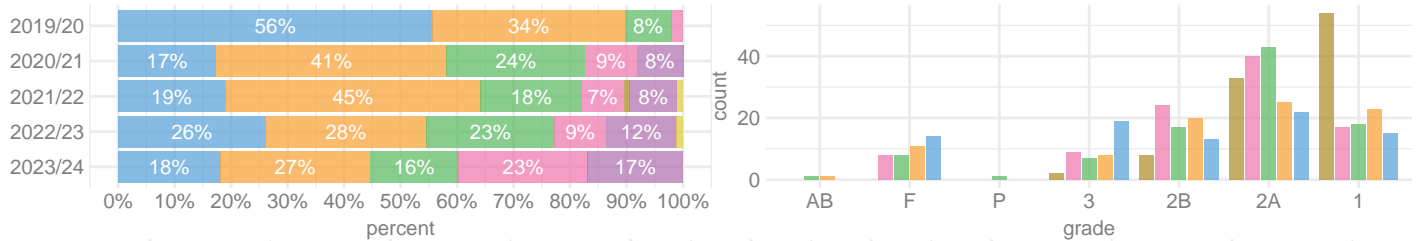
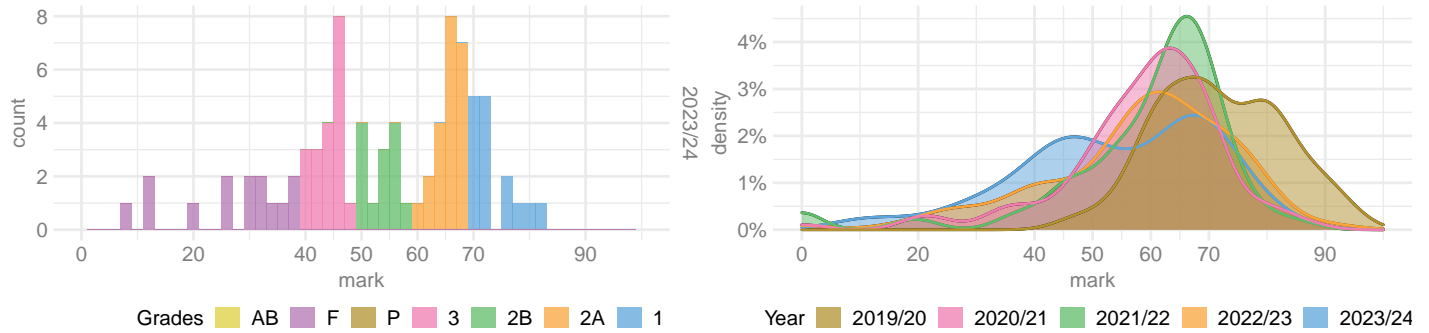
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21	61	76.6	8.3	56	66.0	72.0	75.0	9.0	81.0	87.0	90.0	97
2021/22	42	73.8	7.1	59	65.0	68.2	75.0	8.8	77.0	83.9	84.9	91
2022/23	68	73.0	5.1	58	66.7	70.0	74.0	6.0	76.0	78.3	79.0	81
2023/24	84	72.1	10.8	0	64.0	68.8	74.0	9.2	78.0	82.0	83.0	84

ST310: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21	61					2	8	51						3.3	13.1	83.6
2021/22	42					1	11	30						2.4	26.2	71.4
2022/23	69	1				2	14	52	1.4					2.9	20.3	75.4
2023/24	85	1	1			4	18	61	1.2	1.2				4.7	21.2	71.8

ST310: Grade summary – Count and Percentage distribution (%).

ST300: Regression and Generalised Linear Models



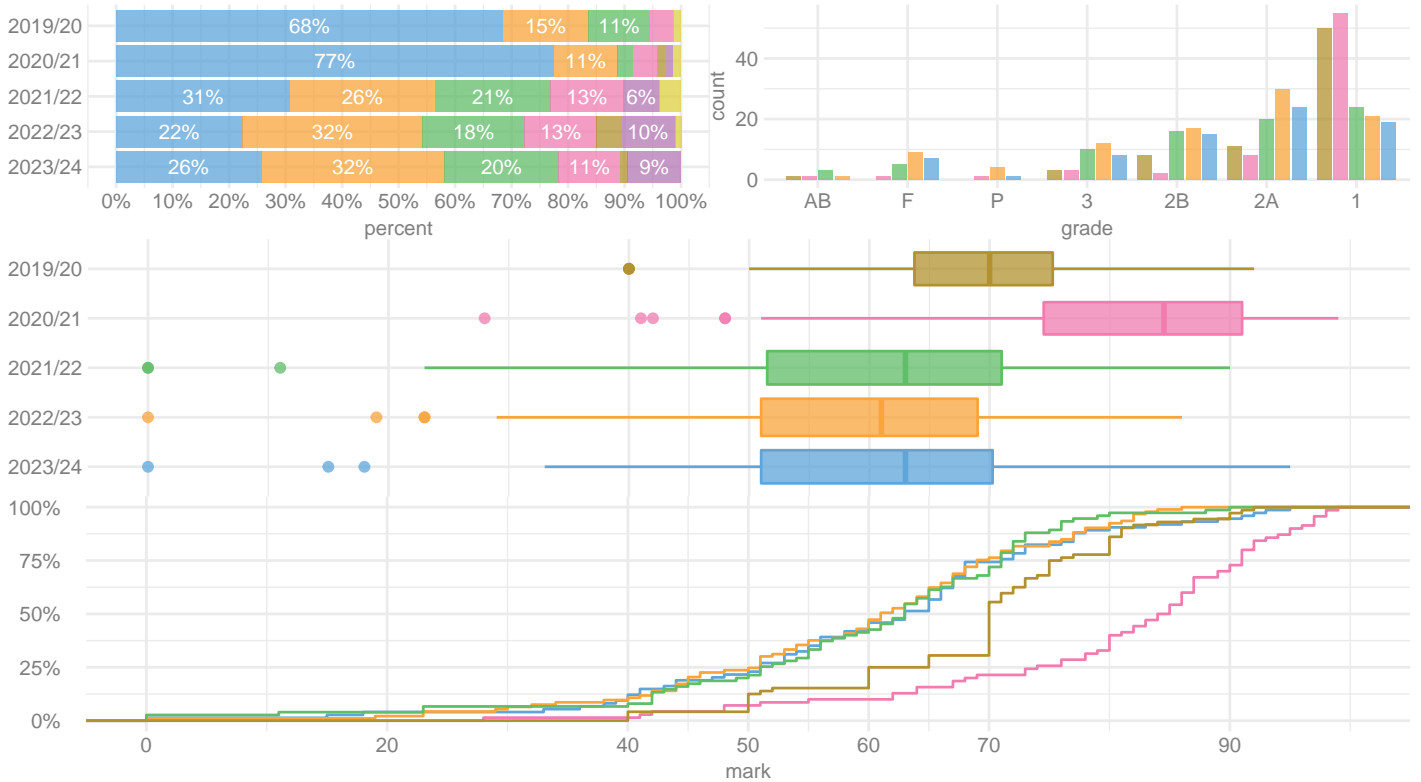
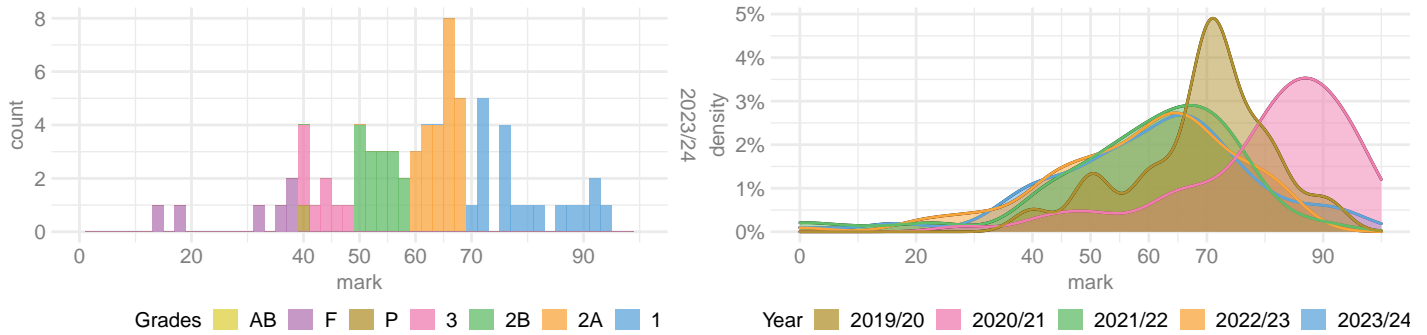
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	97	71.8	10.8	47	59.6	63.0	70.0	17.0	80.0	86.0	89.2	95
2020/21	98	58.6	13.7	0	42.8	53.0	61.0	14.0	67.0	71.0	77.1	87
2021/22	94	59.4	15.8	0	44.3	55.0	64.0	13.0	68.0	72.0	75.3	86
2022/23	87	58.3	16.2	0	38.0	51.5	61.0	18.5	70.0	76.0	78.0	91
2023/24	83	54.2	16.6	9	32.2	44.5	56.0	23.5	68.0	72.0	75.7	82

ST300: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	97				2	8	33	54					2.1	8.2	34.0	55.7
2020/21	98		8		9	24	40	17		8.2			9.2	24.5	40.8	17.3
2021/22	95	1	8	1	7	17	43	18	1.1	8.4	1.1		7.4	17.9	45.3	18.9
2022/23	88	1	11		8	20	25	23	1.1	12.5			9.1	22.7	28.4	26.1
2023/24	83		14		19	13	22	15		16.9			22.9	15.7	26.5	18.1

ST300: Grade summary – Count and Percentage distribution (%).

ST301: Actuarial Mathematics (Life)



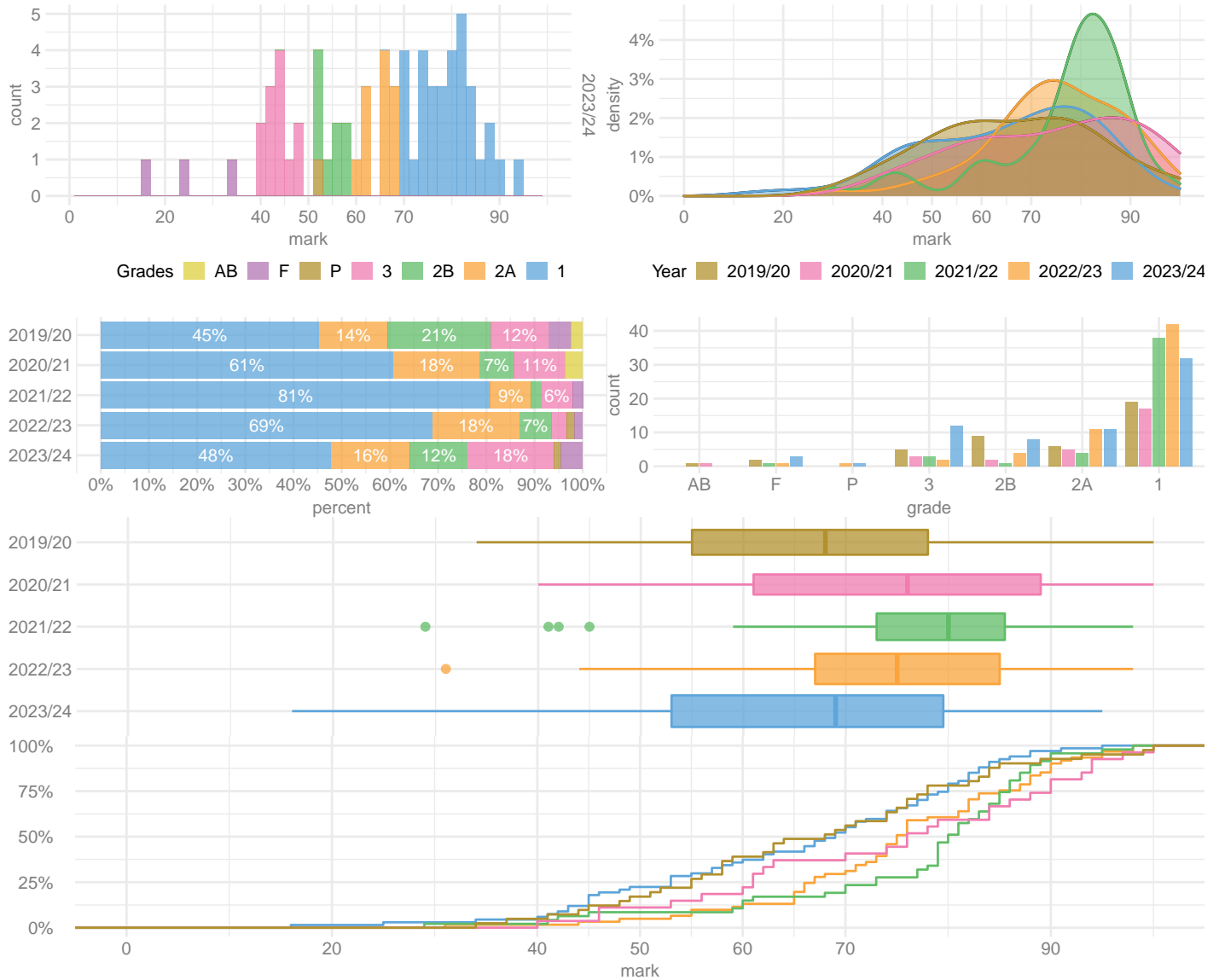
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	72	69.2	11.9	40	50.0	63.8	70.0	11.5	75.2	81.0	88.4	92
2020/21	70	80.1	15.2	28	61.3	74.5	84.5	16.5	91.0	95.1	97.0	99
2021/22	75	59.1	17.2	0	42.0	51.5	63.0	19.5	71.0	75.6	77.6	90
2022/23	93	59.0	16.2	0	40.2	51.0	61.0	18.0	69.0	78.0	82.0	86
2023/24	74	60.4	17.7	0	40.0	51.0	63.0	19.2	70.2	79.4	89.7	95

ST301: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	73	1			3	8	11	50		1.4			4.1	11.0	15.1	68.5
2020/21	71	1	1	1	3	2	8	55		1.4	1.4	1.4	4.2	2.8	11.3	77.5
2021/22	78	3	5		10	16	20	24		3.8	6.4		12.8	20.5	25.6	30.8
2022/23	94	1	9	4	12	17	30	21		1.1	9.6	4.3	12.8	18.1	31.9	22.3
2023/24	74		7	1	8	15	24	19			9.5	1.4	10.8	20.3	32.4	25.7

ST301: Grade summary – Count and Percentage distribution (%).

ST303: Stochastic Simulation



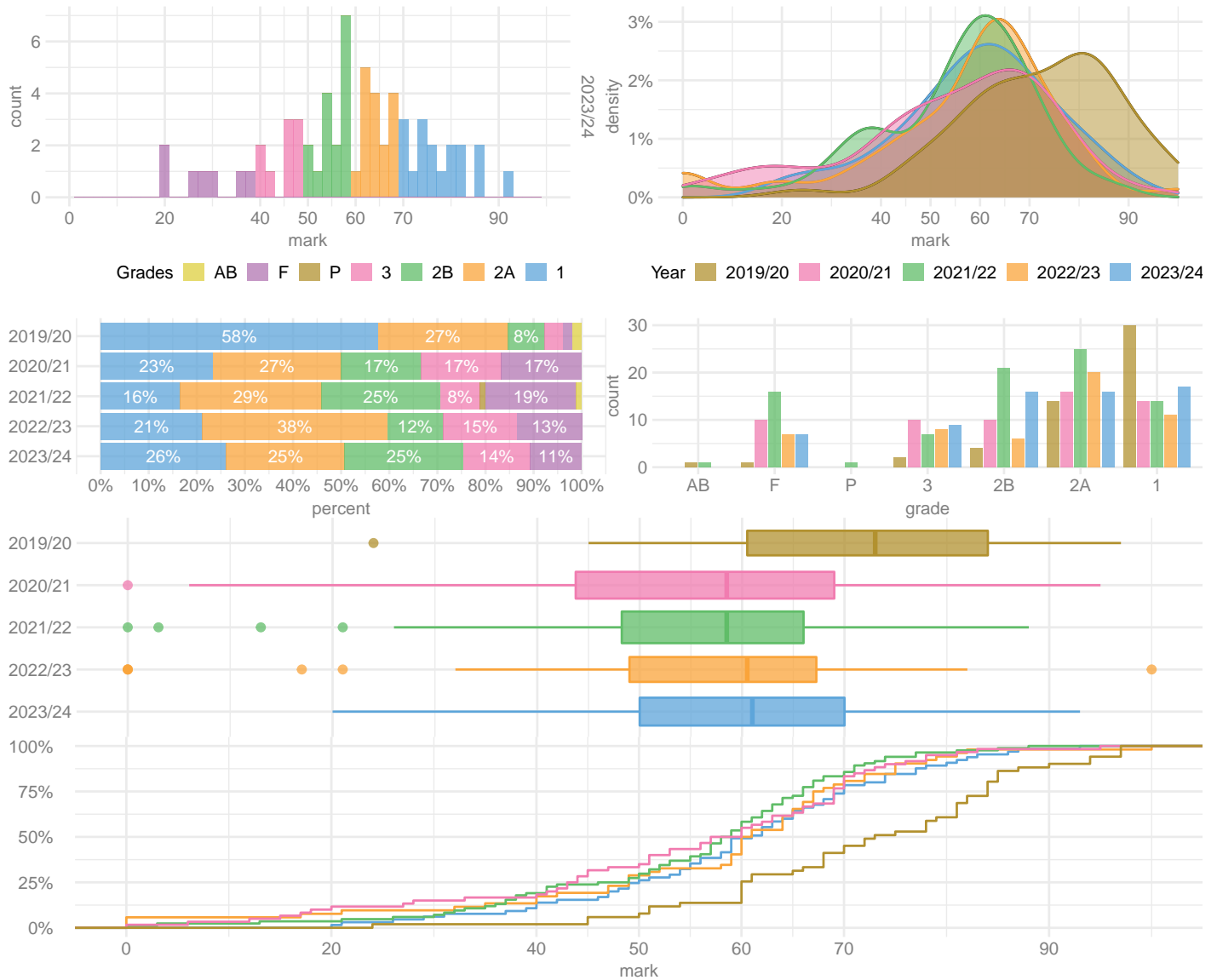
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	41	66.8	16.6	34	45.0	55.0	68	23.0	78.0	85.0	93.0	100
2020/21	27	74.1	17.3	40	50.2	61.0	76	28.0	89.0	94.0	96.1	100
2021/22	47	76.6	14.5	29	59.6	73.0	80	12.5	85.5	88.4	90.0	98
2022/23	61	75.1	13.5	31	59.0	67.0	75	18.0	85.0	90.0	95.0	98
2023/24	67	65.3	17.1	16	43.0	53.0	69	26.5	79.5	84.0	87.4	95

ST303: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	42	1	2		5	9	6	19	2.4	4.8			11.9	21.4	14.3	45.2
2020/21	28	1			3	2	5	17	3.6				10.7	7.1	17.9	60.7
2021/22	47		1		3	1	4	38		2.1			6.4	2.1	8.5	80.9
2022/23	61		1	1	2	4	11	42		1.6	1.6		3.3	6.6	18.0	68.9
2023/24	67		3	1	12	8	11	32		4.5	1.5		17.9	11.9	16.4	47.8

ST303: Grade summary – Count and Percentage distribution (%).

ST326: Financial Statistics

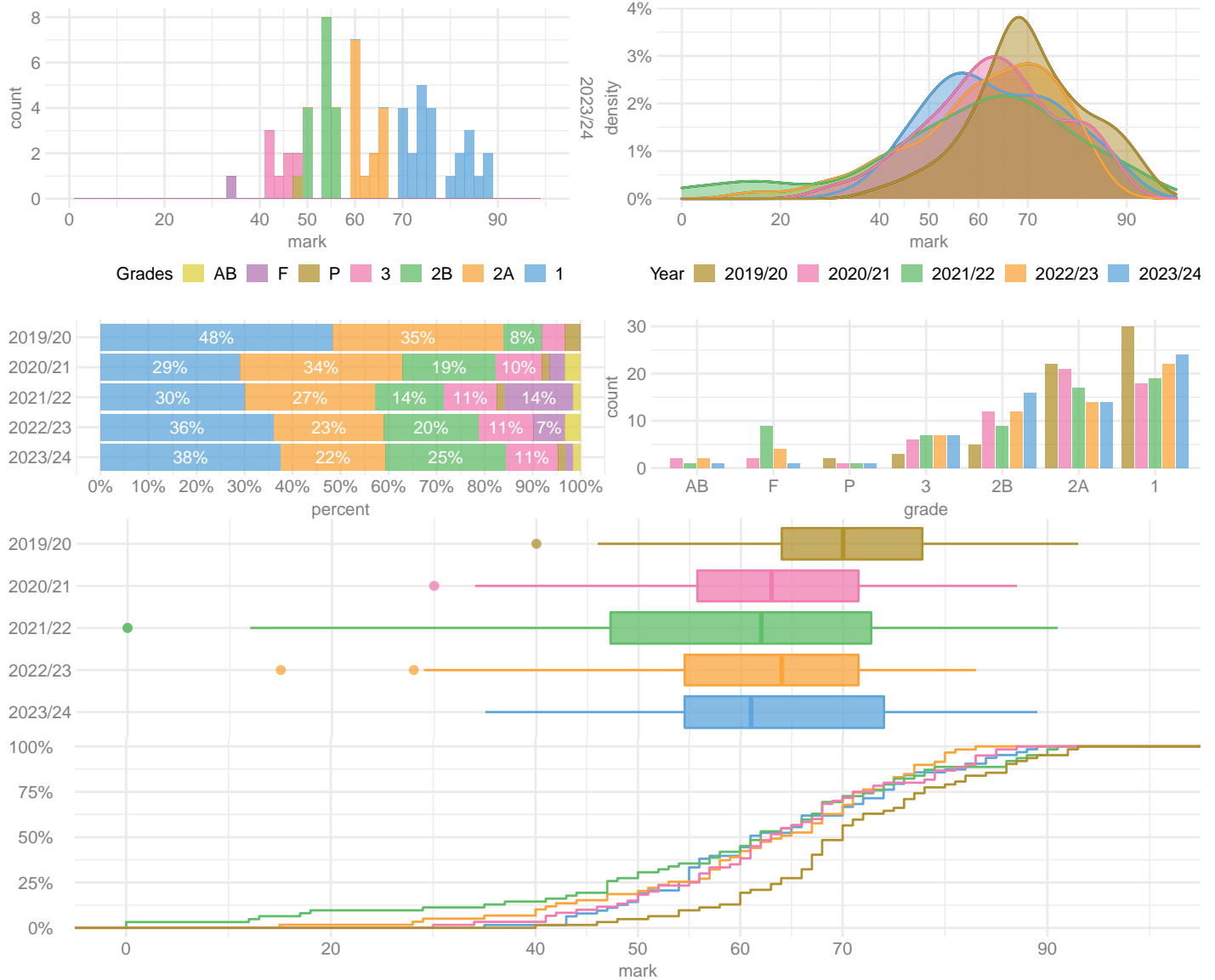


ST326: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	52	1	1		2	4	14	30		1.9	1.9		3.8	7.7	26.9	57.7
2020/21	60		10		10	10	16	14			16.7		16.7	16.7	26.7	23.3
2021/22	85	1	16	1	7	21	25	14		1.2	18.8	1.2	8.2	24.7	29.4	16.5
2022/23	52		7		8	6	20	11			13.5		15.4	11.5	38.5	21.2
2023/24	65		7		9	16	16	17			10.8		13.8	24.6	24.6	26.2

ST326: Grade summary – Count and Percentage distribution (%).

ST308: Bayesian Inference



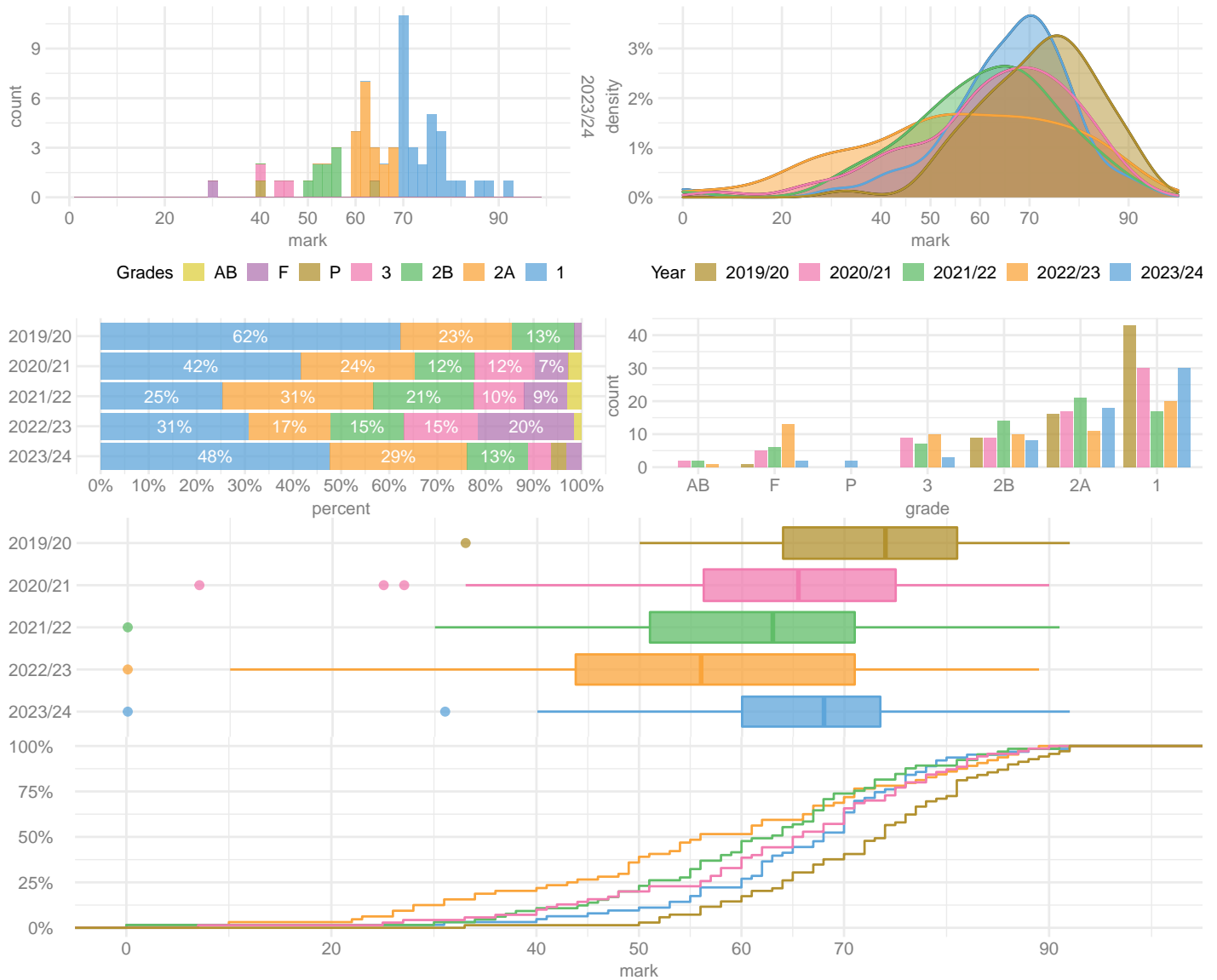
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	62	70.4	11.6	40	56.2	64.0	70.0	13.8	77.8	86.0	88.9	93
2020/21	60	63.2	13.4	30	45.8	55.8	63.0	15.8	71.5	82.1	83.1	87
2021/22	62	58.4	21.5	0	29.6	47.2	62.0	25.5	72.8	85.3	87.9	91
2022/23	59	61.5	14.8	15	40.8	54.5	64.0	17.0	71.5	77.4	80.0	83
2023/24	63	63.6	13.2	35	47.2	54.5	61.0	19.5	74.0	82.0	84.9	89

ST308: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	62			2	3	5	22	30				3.2	4.8	8.1	35.5	48.4
2020/21	62	2	2	1	6	12	21	18		3.2	3.2	1.6	9.7	19.4	33.9	29.0
2021/22	63	1	9	1	7	9	17	19		1.6	14.3	1.6	11.1	14.3	27.0	30.2
2022/23	61	2	4		7	12	14	22		3.3	6.6		11.5	19.7	23.0	36.1
2023/24	64	1	1	1	7	16	14	24		1.6	1.6	1.6	10.9	25.0	21.9	37.5

ST308: Grade summary – Count and Percentage distribution (%).

ST330: Stochastic and Actuarial Methods in Finance

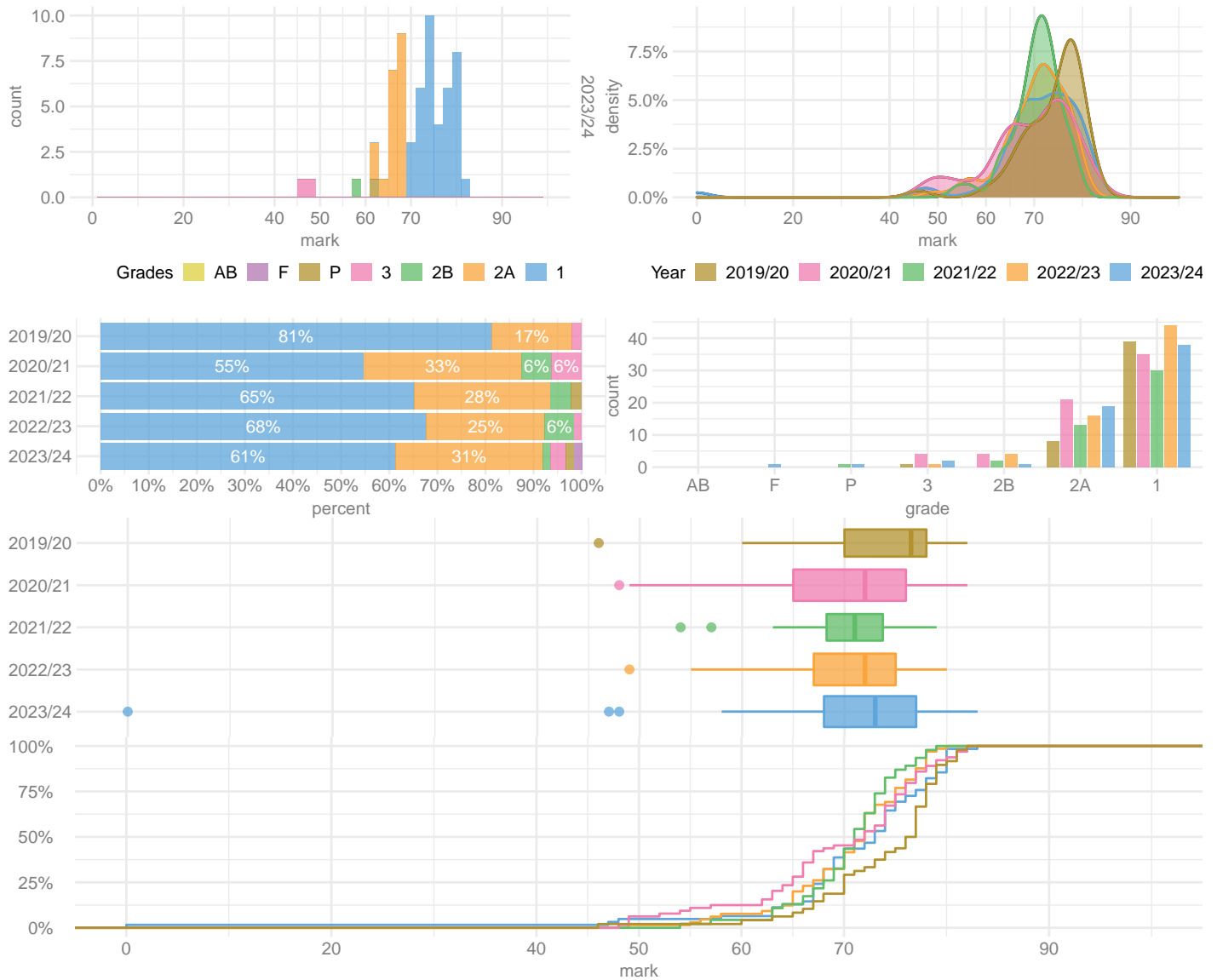


ST330: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	69		1			9	16	43			1.4			13.0	23.2	62.3
2020/21	72	2	5		9	9	17	30	2.8	6.9			12.5	12.5	23.6	41.7
2021/22	67	2	6		7	14	21	17	3.0	9.0			10.4	20.9	31.3	25.4
2022/23	65	1	13		10	10	11	20	1.5	20.0			15.4	15.4	16.9	30.8
2023/24	63		2	2	3	8	18	30		3.2	3.2		4.8	12.7	28.6	47.6

ST330: Grade summary – Count and Percentage distribution (%).

ST309: Elementary Data Analytics



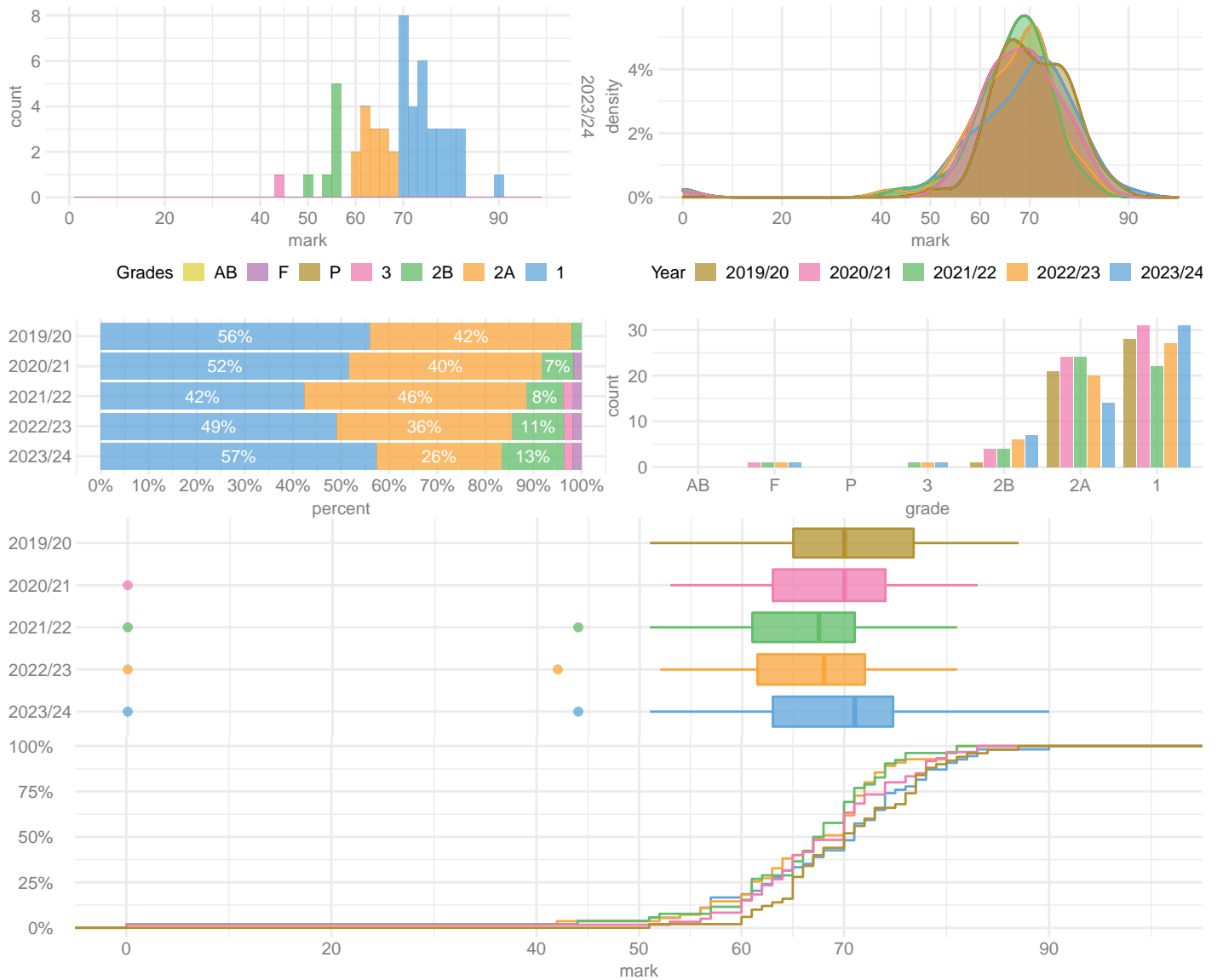
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	48	73.8	6.6	46	66.7	70.0	76.5	8.0	78.0	79.3	81.0	82
2020/21	64	69.3	8.7	48	55.6	65.0	72.0	11.0	76.0	78.7	80.8	82
2021/22	46	70.5	5.1	54	63.5	68.2	71.0	5.5	73.8	76.5	77.8	79
2022/23	65	70.5	6.3	49	63.4	67.0	72.0	8.0	75.0	78.0	78.0	80
2023/24	62	70.6	11.5	0	63.1	68.0	73.0	9.0	77.0	80.0	80.0	83

ST309: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	48				1		8	39					2.1		16.7	81.2
2020/21	64				4	4	21	35					6.2	6.2	32.8	54.7
2021/22	46			1		2	13	30				2.2		4.3	28.3	65.2
2022/23	65				1	4	16	44					1.5	6.2	24.6	67.7
2023/24	62		1	1	2	1	19	38		1.6	1.6	3.2	1.6	30.6		61.3

ST309: Grade summary – Count and Percentage distribution (%).

ST327: Market Research: An Integrated Approach



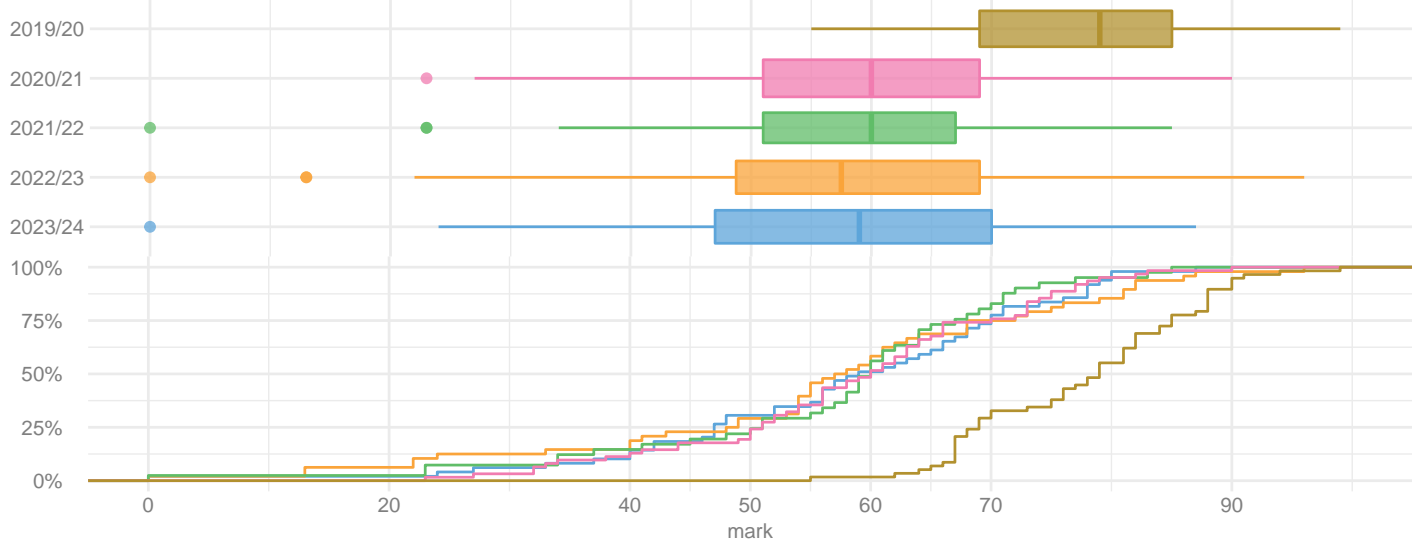
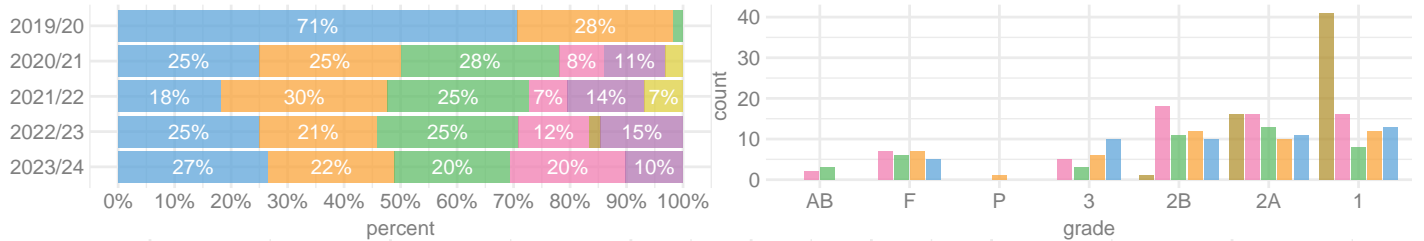
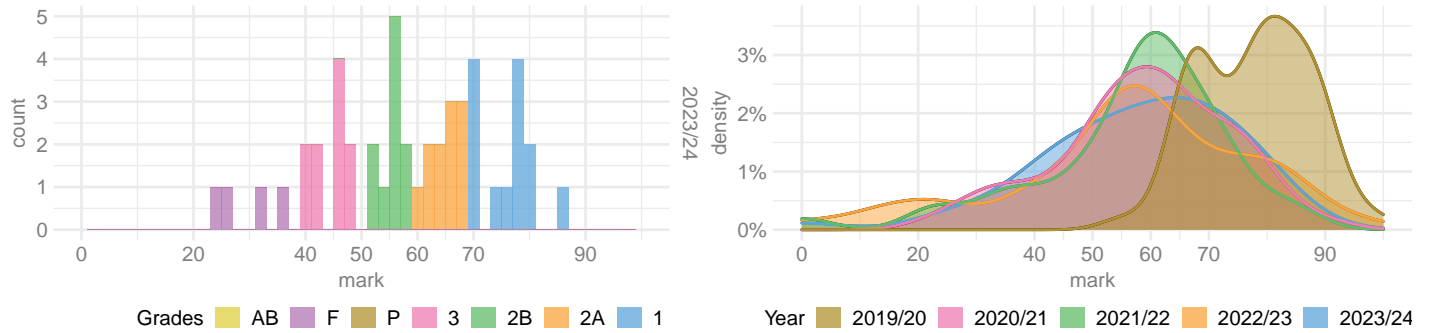
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	50	70.6	7.2	51	61.9	65.0	70.0	11.8	76.8	79.1	81.5	87
2020/21	60	67.5	11.3	0	60.0	63.0	70.0	11.0	74.0	78.0	80.0	83
2021/22	52	65.7	11.7	0	57.3	61.0	67.5	10.0	71.0	74.0	76.0	81
2022/23	55	65.9	11.8	0	56.4	61.5	68.0	10.5	72.0	74.6	80.0	81
2023/24	54	68.1	13.1	0	56.3	63.0	71.0	11.8	74.8	80.0	82.3	90

ST327: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	50					1	21	28						2.0	42.0	56.0
2020/21	60		1			4	24	31		1.7				6.7	40.0	51.7
2021/22	52		1		1	4	24	22		1.9		1.9		7.7	46.2	42.3
2022/23	55		1		1	6	20	27		1.8		1.8		10.9	36.4	49.1
2023/24	54		1		1	7	14	31		1.9		1.9		13.0	25.9	57.4

ST327: Grade summary – Count and Percentage distribution (%).

ST304: Time Series and Forecasting



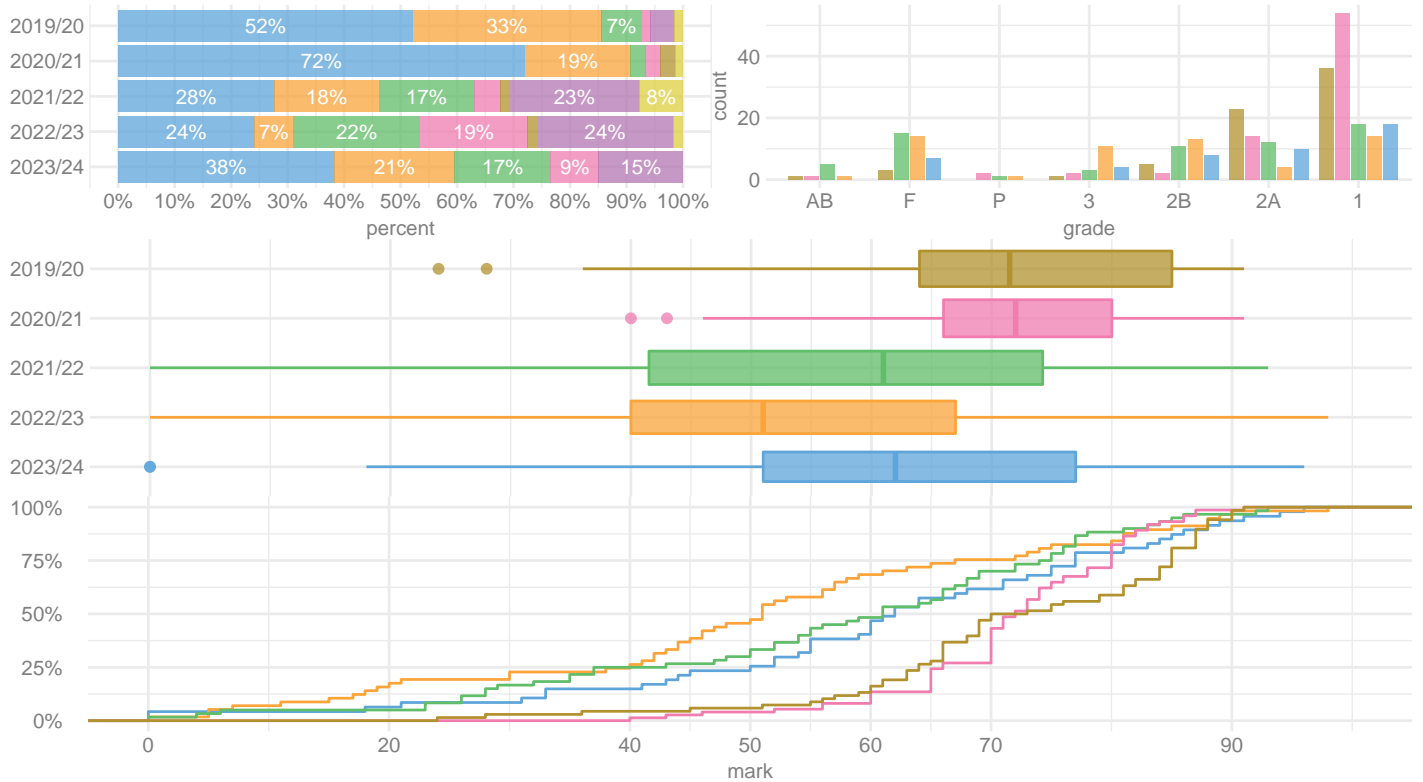
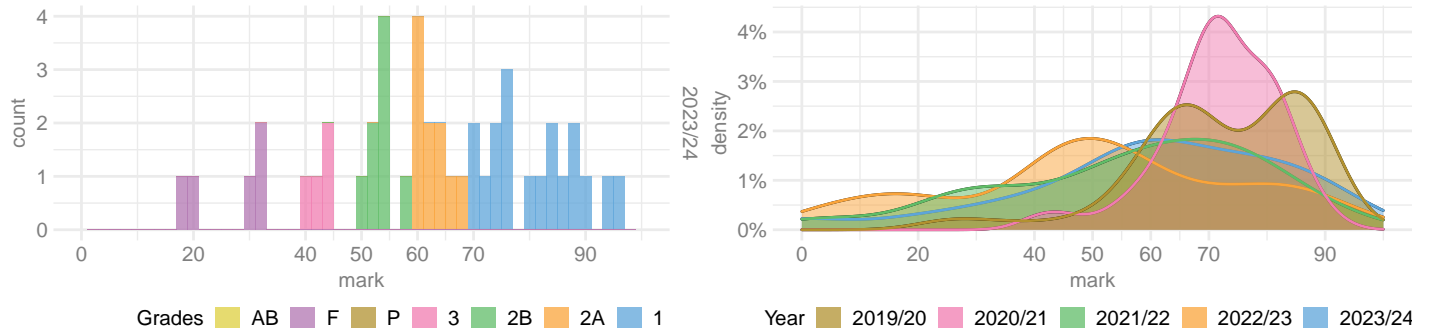
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	58	77.7	9.4	55	67.0	69.0	79.0	16.0	85.0	88.6	90.2	99
2020/21	62	58.8	14.6	23	38.2	51.0	60.0	18.0	69.0	76.8	79.0	90
2021/22	41	56.7	16.8	0	34.0	51.0	60.0	16.0	67.0	72.0	77.0	85
2022/23	48	56.4	20.8	0	23.4	48.8	57.5	20.2	69.0	81.3	84.6	96
2023/24	49	57.9	17.0	0	39.4	47.0	59.0	23.0	70.0	78.0	79.6	87

ST304: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	58					1	16	41						1.7	27.6	70.7
2020/21	64	2	7		5	18	16	16	3.1	10.9			7.8	28.1	25.0	25.0
2021/22	44	3	6		3	11	13	8	6.8	13.6			6.8	25.0	29.5	18.2
2022/23	48		7	1	6	12	10	12		14.6	2.1		12.5	25.0	20.8	25.0
2023/24	49		5		10	10	11	13		10.2			20.4	20.4	22.4	26.5

ST304: Grade summary – Count and Percentage distribution (%).

ST306: Actuarial Mathematics (General)



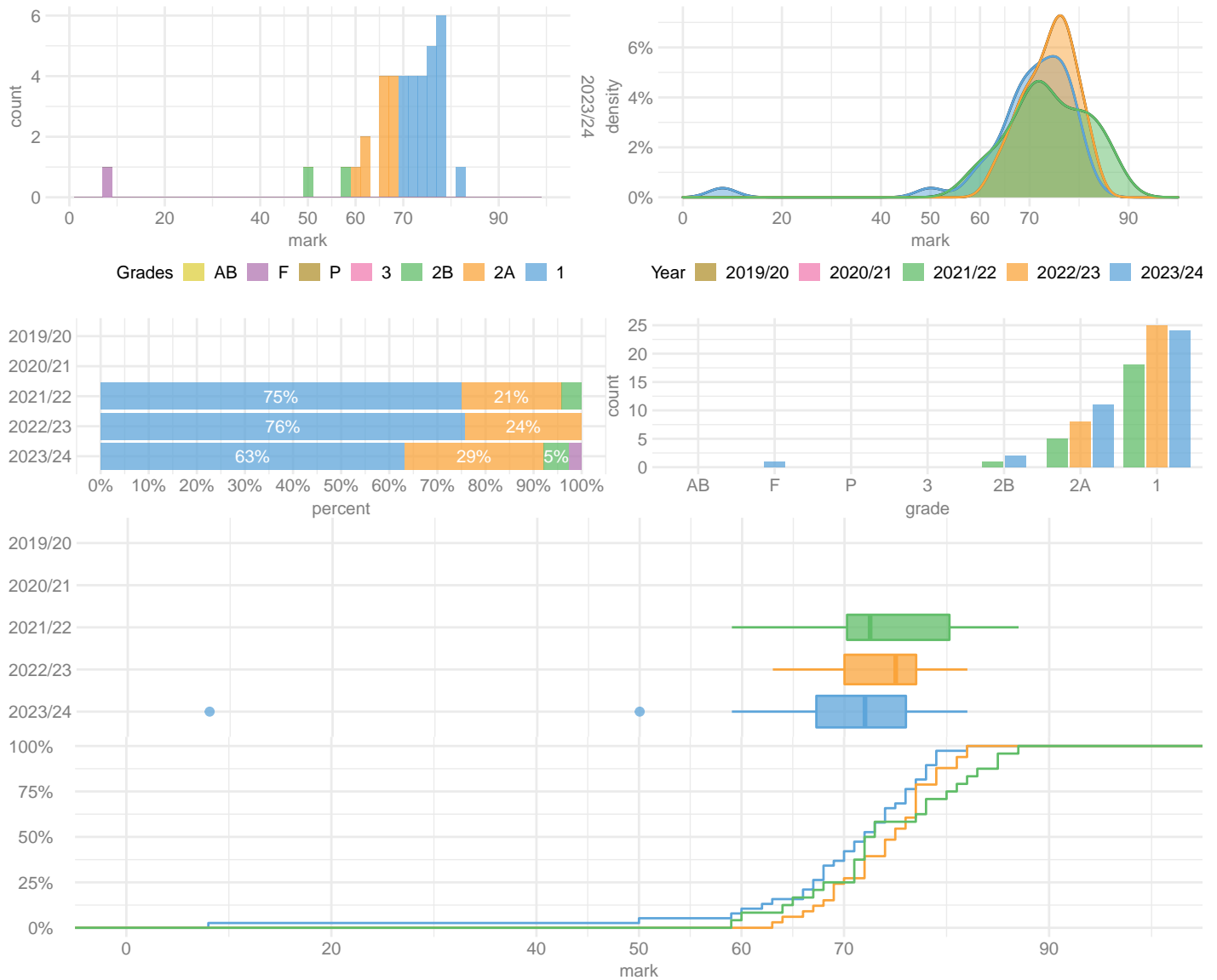
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	68	72.2	14.7	24	56.7	64.0	71.5	21.0	85.0	87.3	89.3	91
2020/21	74	71.8	10.0	40	60.0	66.0	72.0	14.0	80.0	82.7	86.0	91
2021/22	60	56.4	22.2	0	26.0	41.5	61.0	32.8	74.2	81.2	85.0	93
2022/23	57	50.5	24.7	0	16.2	40.0	51.0	27.0	67.0	83.2	88.2	98
2023/24	47	60.5	22.9	0	32.2	51.0	62.0	26.0	77.0	86.8	90.4	96

ST306: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1%	AB	F	P	3	2B	2A	1
2019/20	69	1	3		1	5	23	36		1.4	4.3		1.4	7.2	33.3	52.2
2020/21	75	1		2	2	2	14	54		1.3		2.7	2.7	2.7	18.7	72.0
2021/22	65	5	15	1	3	11	12	18		7.7	23.1	1.5	4.6	16.9	18.5	27.7
2022/23	58	1	14	1	11	13	4	14		1.7	24.1	1.7	19.0	22.4	6.9	24.1
2023/24	47		7		4	8	10	18			14.9		8.5	17.0	21.3	38.3

ST306: Grade summary – Count and Percentage distribution (%).

ST311: Artificial Intelligence



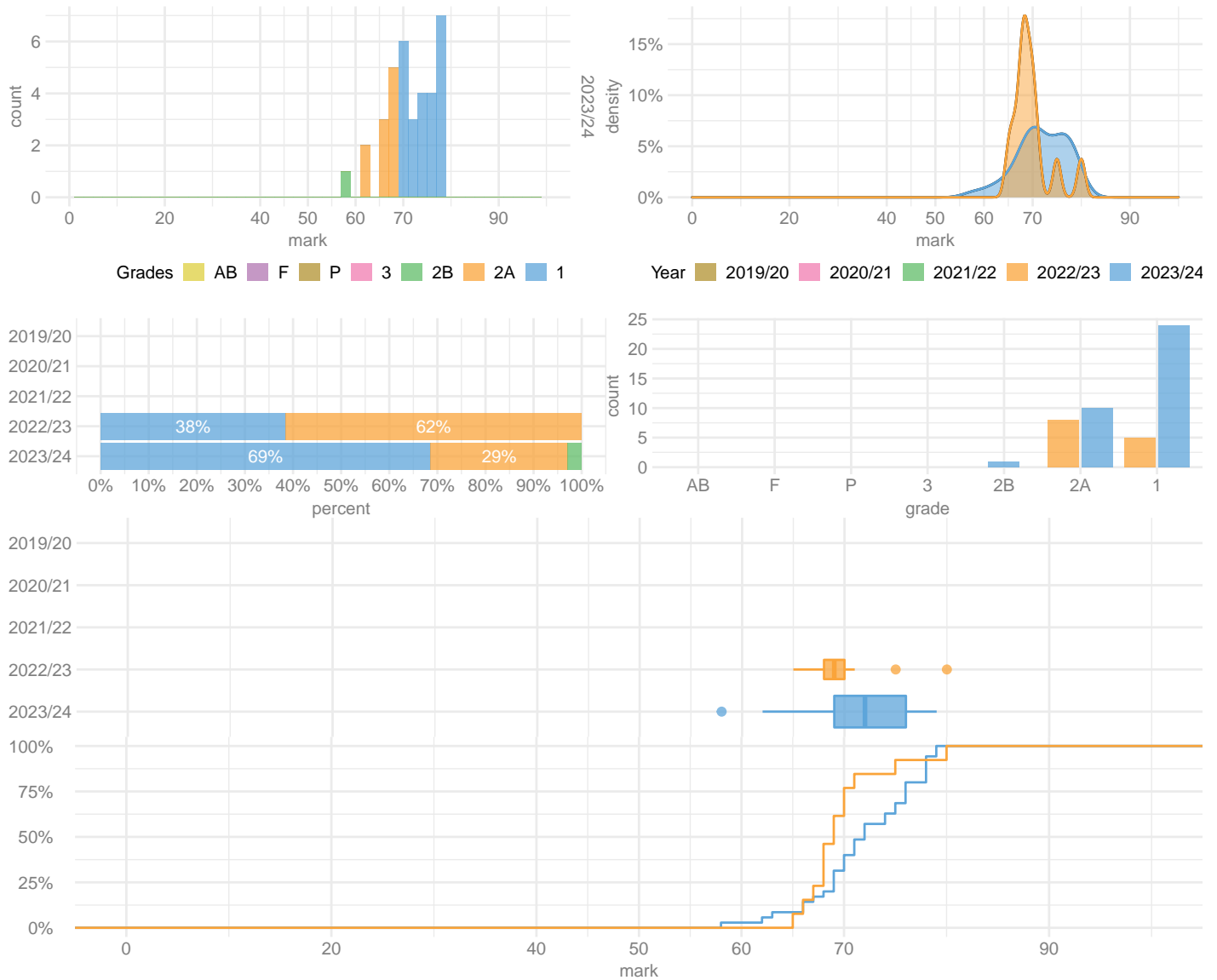
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22	24	73.9	7.8	59	64.3	70.2	72.5	10.0	80.2	84.4	85.0	87
2022/23	33	74.0	5.1	63	67.2	70.0	75.0	7.0	77.0	80.6	81.4	82
2023/24	38	69.6	12.2	8	61.4	67.2	72.0	8.8	76.0	78.3	79.0	82

ST311: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22	24					1	5	18						4.2	20.8	75.0
2022/23	33						8	25							24.2	75.8
2023/24	38		1			2	11	24		2.6				5.3	28.9	63.2

ST311: Grade summary – Count and Percentage distribution (%).

ST313: Ethics for Data Science



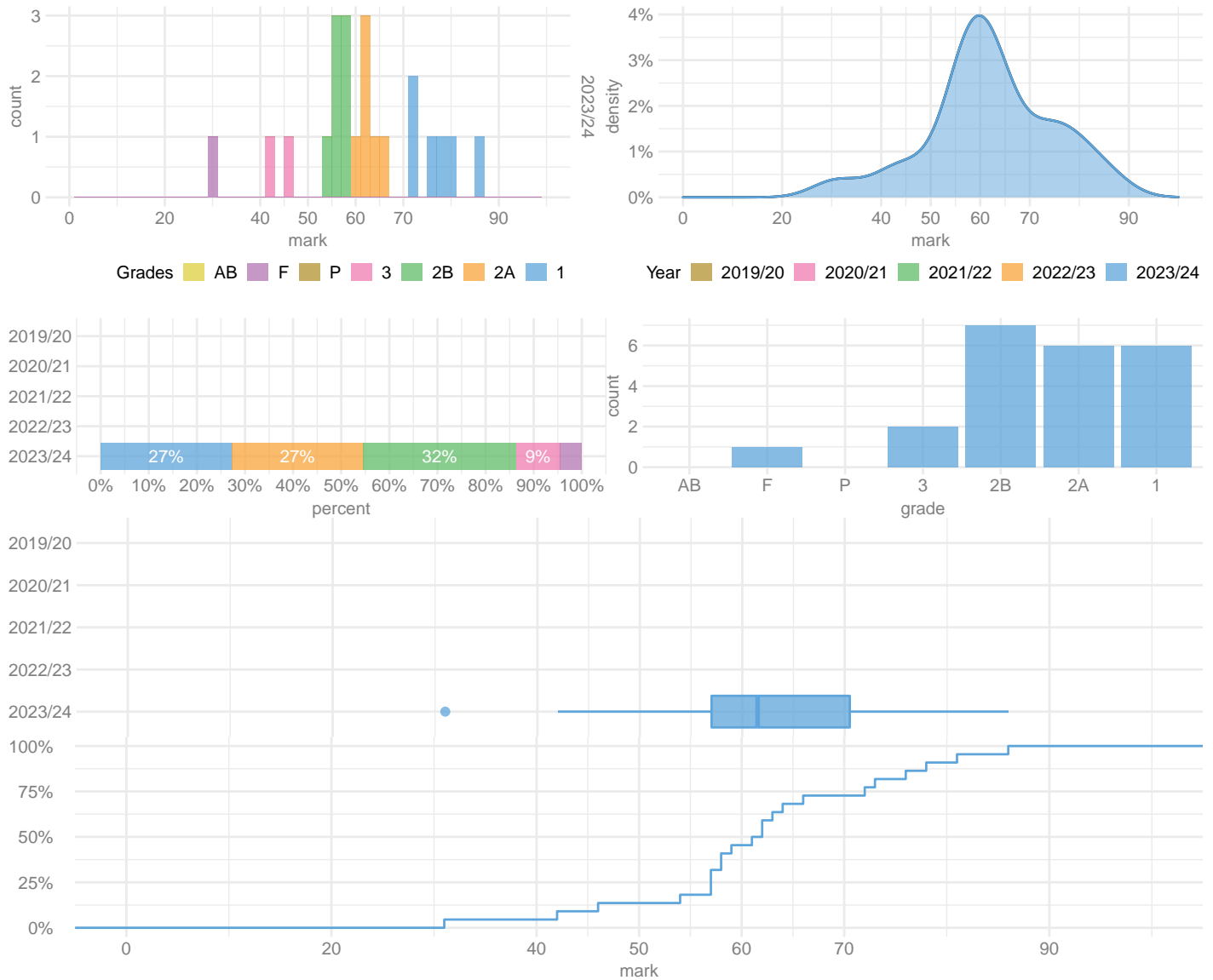
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22												
2022/23	13	69.7	4.0	65	66.2	68.0	69	2.0	70.0	74.2	77.0	80
2023/24	35	71.9	5.2	58	66.0	69.0	72	7.0	76.0	78.0	78.3	79

ST313: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23	13						8	5						61.5	38.5	
2023/24	35					1	10	24						2.9	28.6	68.6

ST313: Grade summary – Count and Percentage distribution (%).

ST314: Multilevel and Longitudinal Models



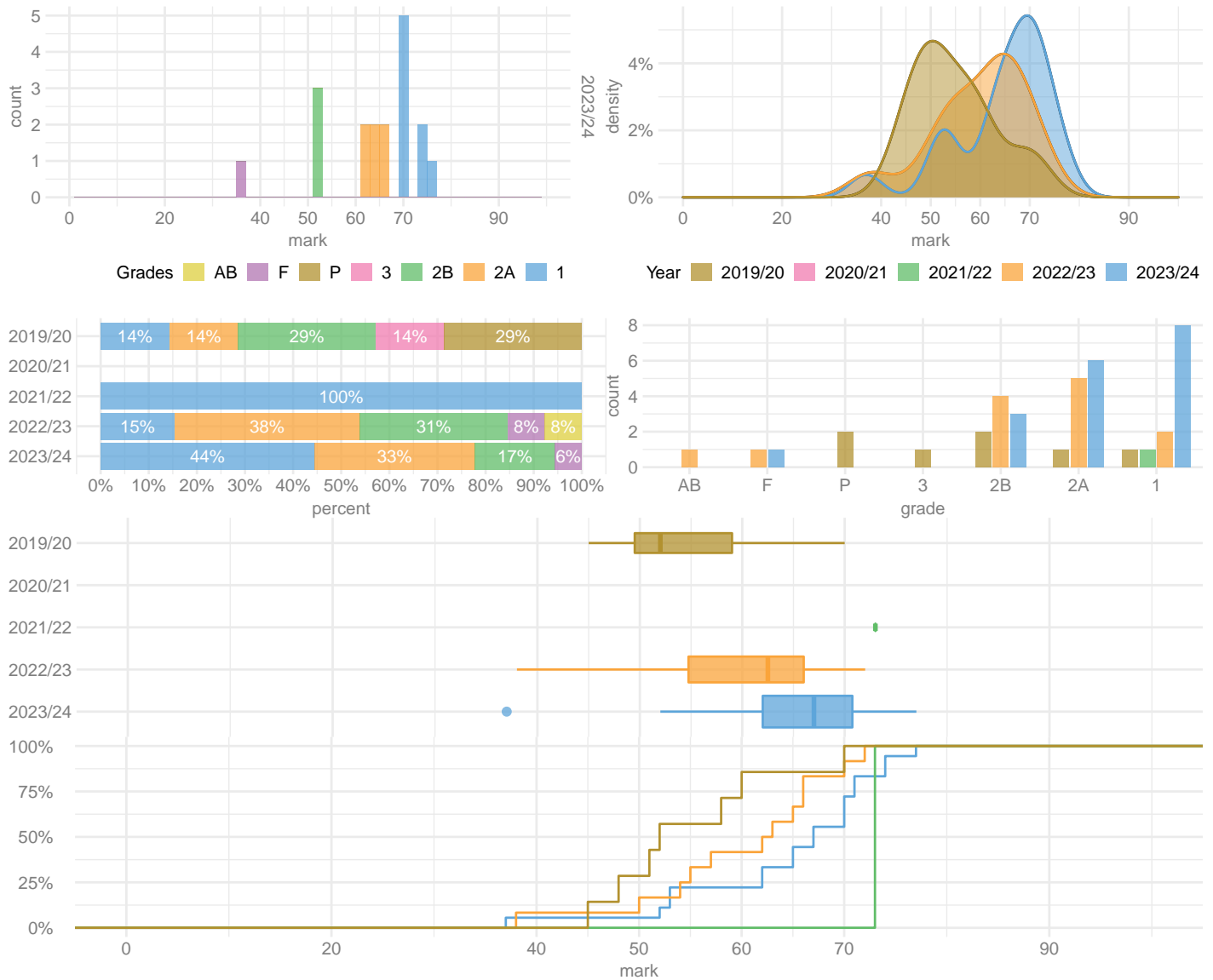
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20												
2020/21												
2021/22												
2022/23												
2023/24	22	62.0	12.8	31	46.8	57.0	61.5	13.5	70.5	77.8	80.8	86

ST314: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20																
2020/21																
2021/22																
2022/23																
2023/24	22		1		2	7	6	6		4.5			9.1	31.8	27.3	27.3

ST314: Grade summary – Count and Percentage distribution (%).

ST312: Applied Statistics Project



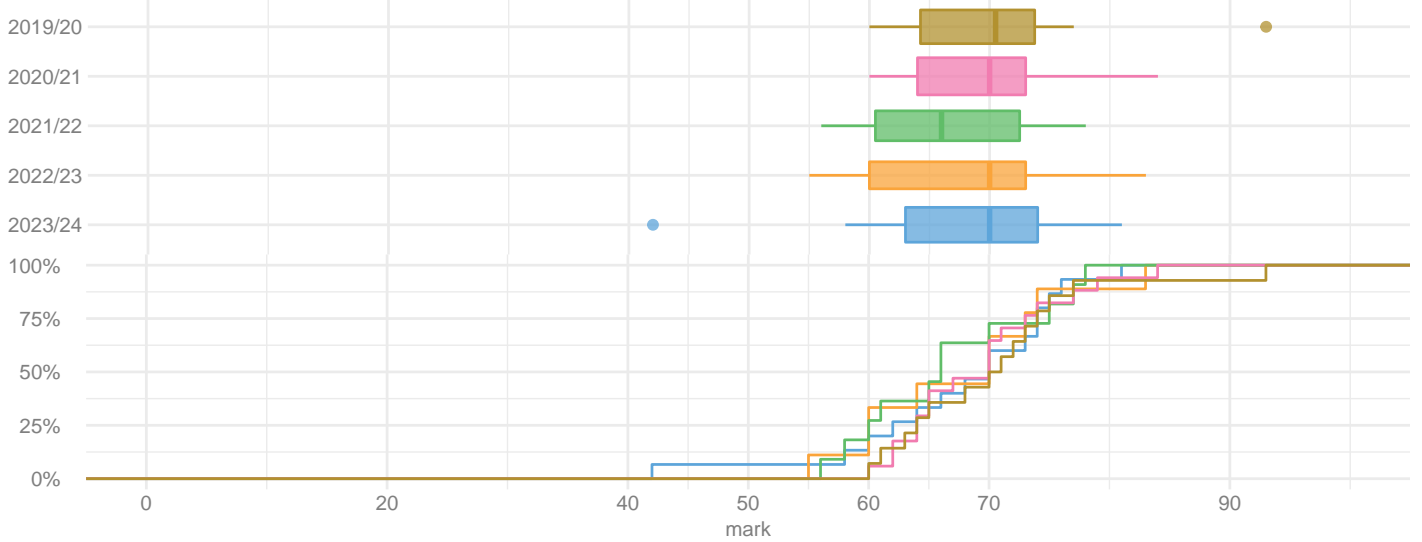
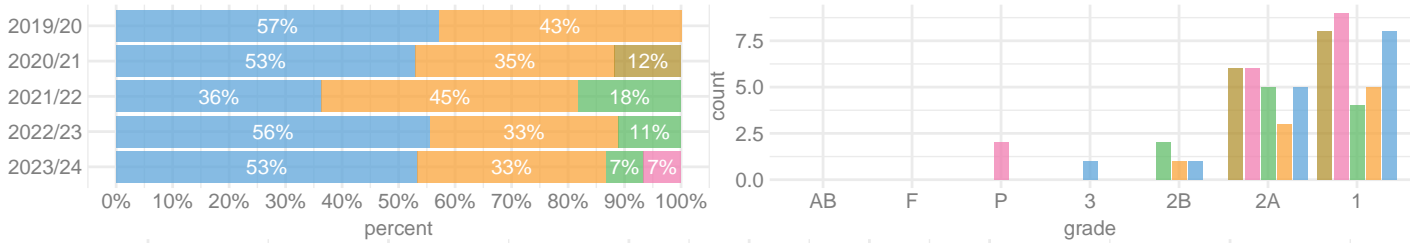
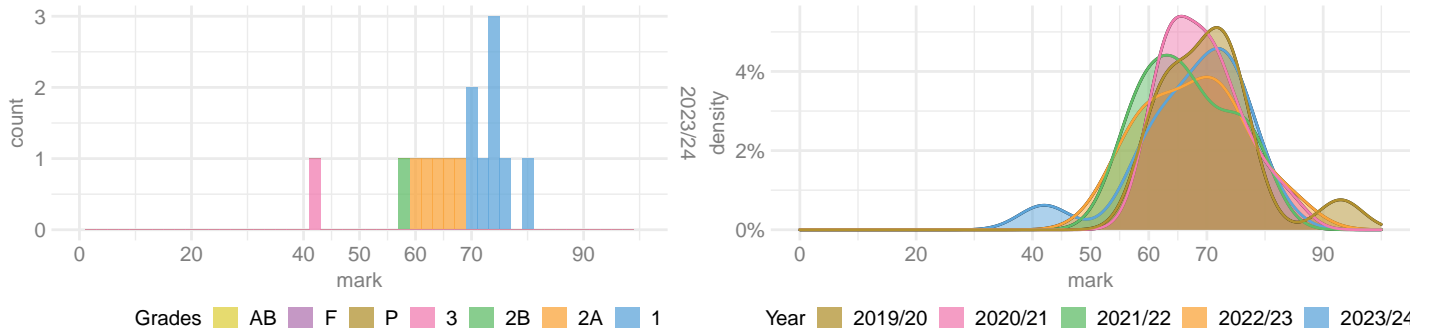
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	7	54.9	8.5	45	46.8	49.5	52.0	9.5	59.0	64.0	67.0	70
2020/21												
2021/22	1	73.0		73	73.0	73.0	73.0		73.0	73.0	73.0	73
2022/23	12	59.8	9.6	38	50.4	54.8	62.5	11.2	66.0	69.6	70.9	72
2023/24	18	64.4	10.0	37	52.7	62.0	67.0	8.8	70.8	74.0	74.4	77

ST312: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	:%	AB	F	P	3	2B	2A	1
2019/20	7			2	1	2	1	1				28.6	14.3	28.6	14.3	14.3
2020/21																
2021/22	1							1								100.0
2022/23	13	1	1			4	5	2	7.7	7.7				30.8	38.5	15.4
2023/24	18		1			3	6	8		5.6				16.7	33.3	44.4

ST312: Grade summary – Count and Percentage distribution (%).

ST307: Aspects of Market Research



Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2019/20	14	70.4	8.4	60	61.6	64.2	70.5	9.5	73.8	76.4	82.6	93
2020/21	17	69.2	6.6	60	62.0	64.0	70.0	9.0	73.0	77.8	80.0	84
2021/22	11	66.5	7.6	56	58.0	60.5	66.0	12.0	72.5	77.0	77.5	78
2022/23	9	67.7	8.7	55	59.0	60.0	70.0	13.0	73.0	75.8	79.4	83
2023/24	15	67.5	9.6	42	58.8	63.0	70.0	11.0	74.0	75.6	77.5	81

ST307: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2019/20	14						6	8							42.9	57.1
2020/21	17			2			6	9			11.8				35.3	52.9
2021/22	11					2	5	4						18.2	45.5	36.4
2022/23	9					1	3	5						11.1	33.3	55.6
2023/24	15				1	1	5	8					6.7	6.7	33.3	53.3

ST307: Grade summary – Count and Percentage distribution (%).