

Bachelor's Results by Course Department

2019/20 – 2023/24

19 November 2024

Data Science Institute (DS) courses: 2019/20 – 2023/24

A summary of mark and grade outcomes for Bachelor's students on Data Science Institute (DS) 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.

Data Science Institute (DS) course results

By Academic Year, 2019/20 – 2023/24

Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22	66	75.9	14.1	0	64.0	70.0	78.5	15.0	85.0	89.5	91.8	96
2022/23	166	68.8	11.1	40	54.5	62.0	69.0	16.0	78.0	81.5	86.0	92
2023/24	198	69.4	12.0	0	57.0	63.2	71.0	13.8	77.0	81.0	85.0	94

Marks by Year – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22	66		1		2		12	51		1.5			3.0		18.2	77.3
2022/23	167	1		3	8	18	56	81	0.6		1.8	4.8	10.8	33.5	48.5	
2023/24	198		2	3	4	22	54	113		1.0	1.5	2.0	11.1	27.3	57.1	

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

By Level in 2023/24

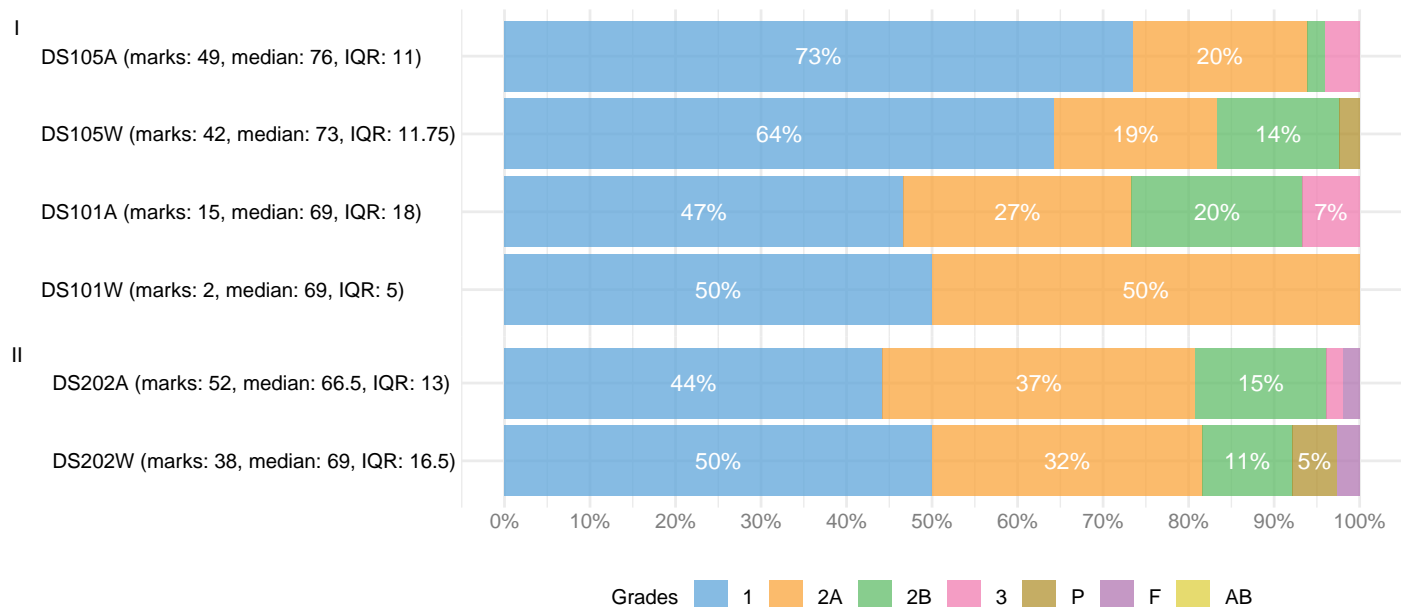
Level	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
I	108	71.8	9.6	41	58.7	66.8	74.5	11.2	78.0	81.6	85.0	90
II	90	66.5	13.9	0	54.0	60.0	68.0	14.0	74.0	80.0	83.1	94

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

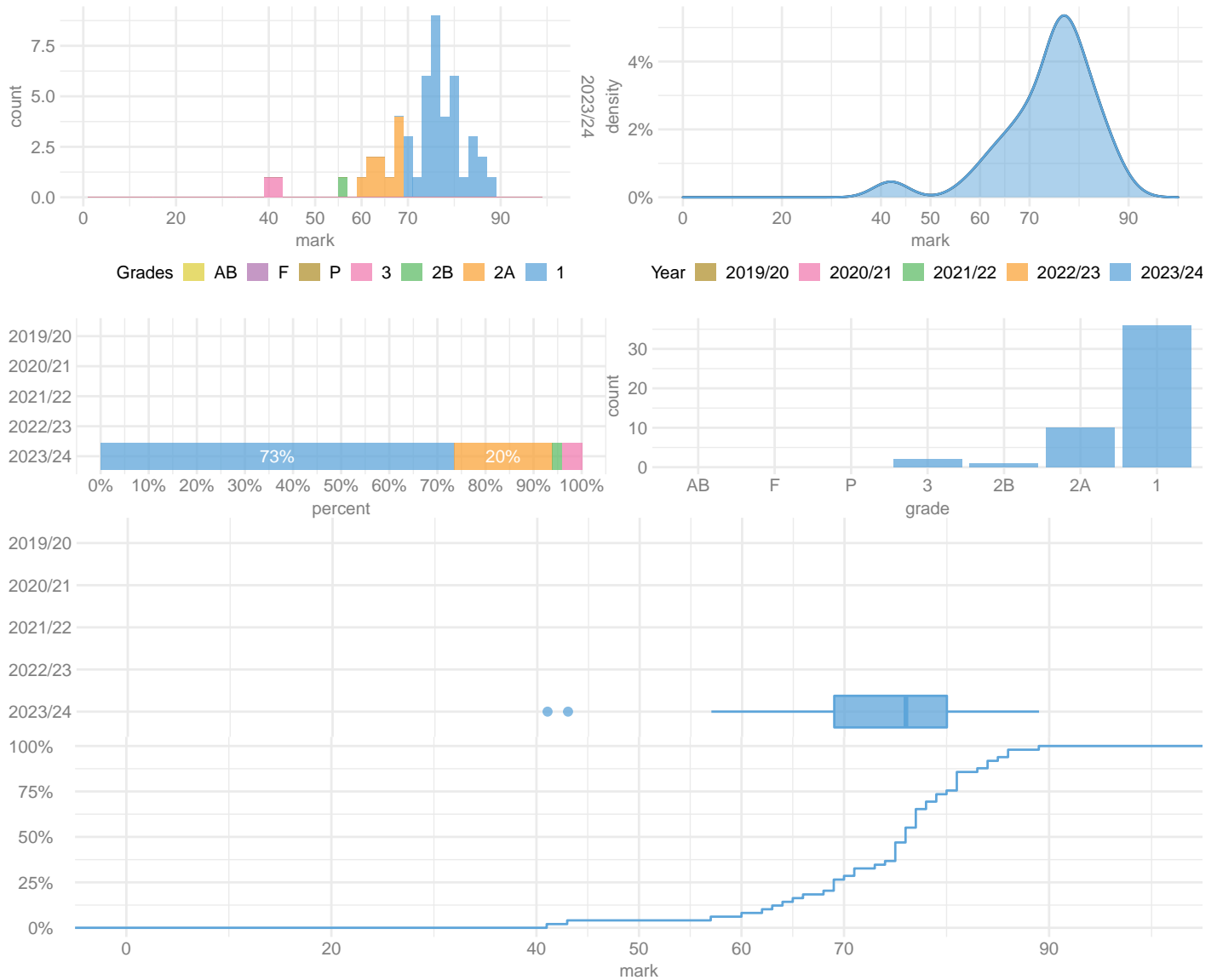
Level	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
I	108			1	3	10	23	71		0.9	2.8	9.3	21.3	65.7		
II	90		2	2	1	12	31	42		2.2	2.2	1.1	13.3	34.4	46.7	

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

Data Science Institute (DS) course results by Level in 2023/24



DS105A: Data for Data Science



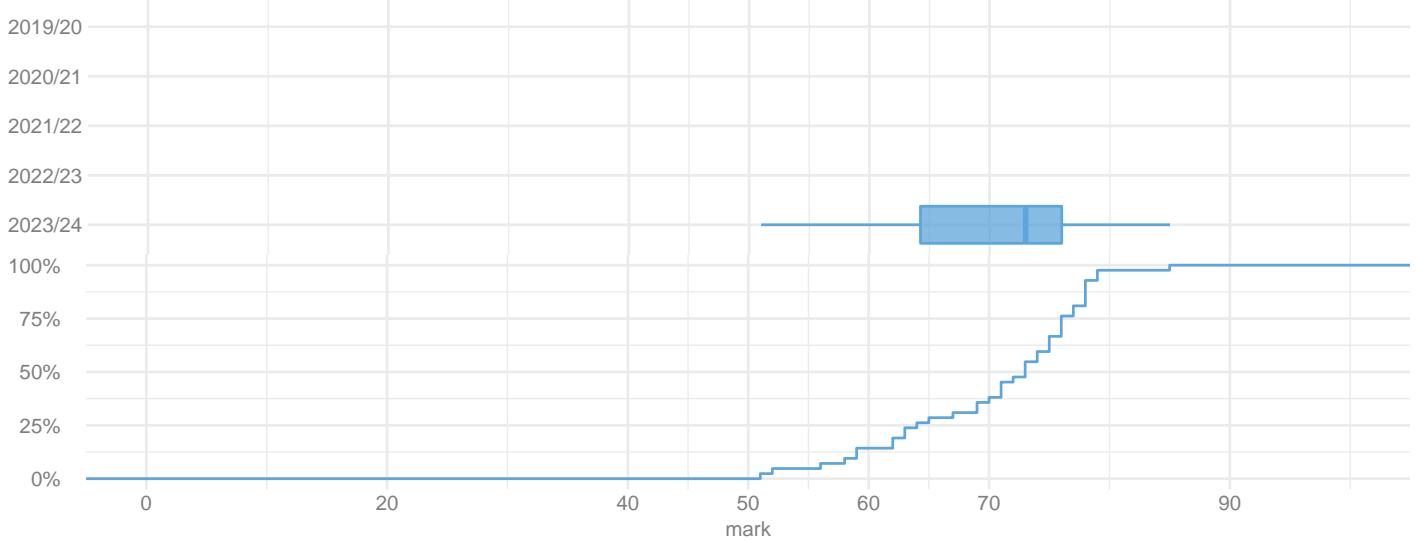
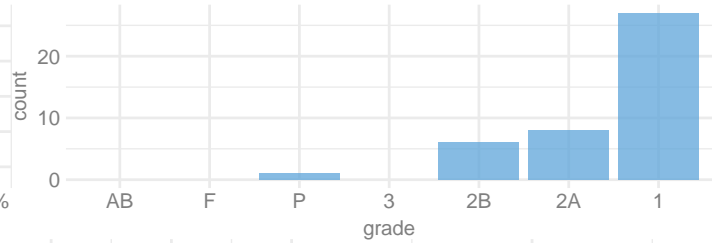
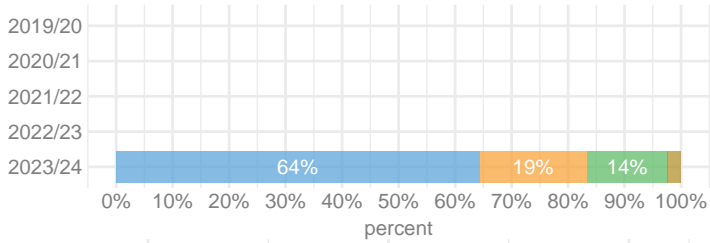
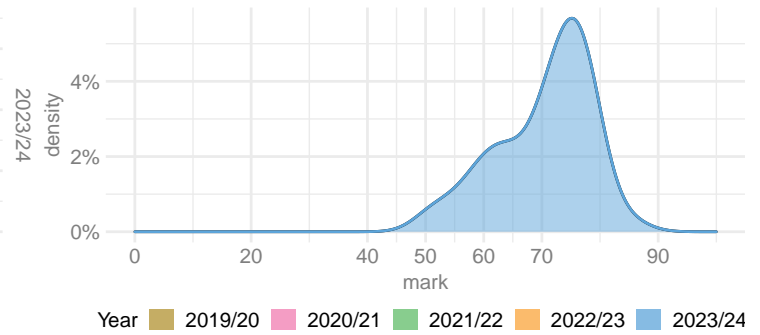
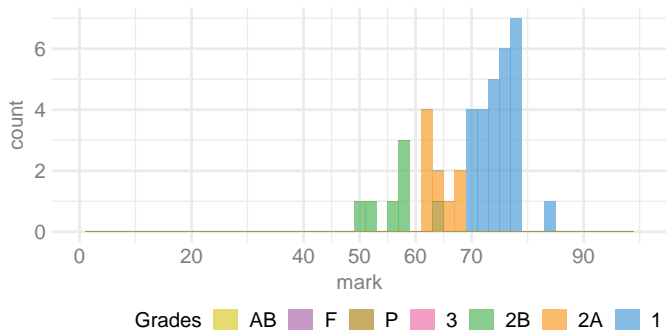
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	49	73.8	9.7	41	62.8	69.0	76	11.0	80.0	84.0	85.6	89

DS105A: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1	2A	2B	3	P	F	AB	%:
2021/22																
2022/23																
2023/24	49				2	1	10	36				4.1	2.0	20.4	73.5	

DS105A: Grade summary – Count and Percentage distribution (%).

DS105W: Data for Data Science



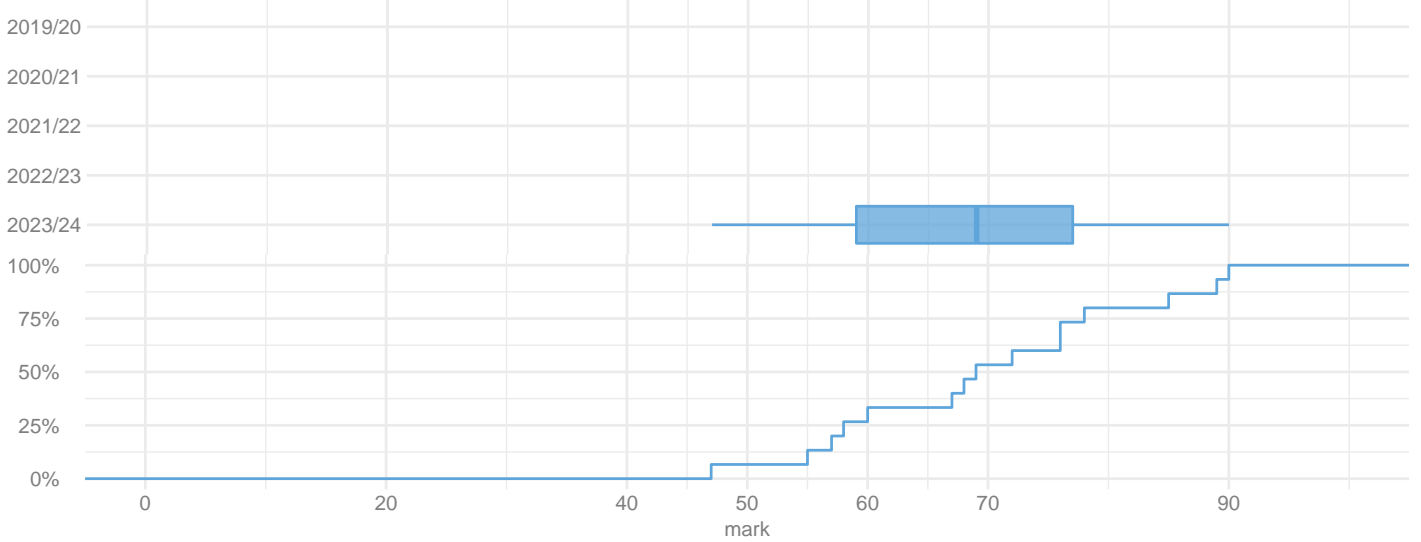
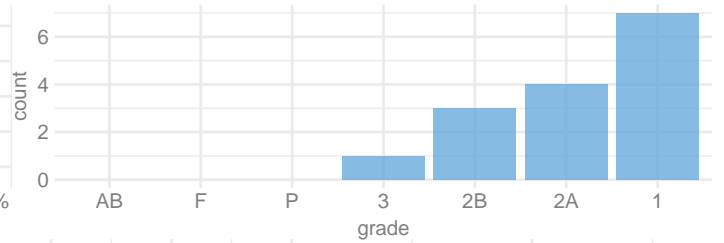
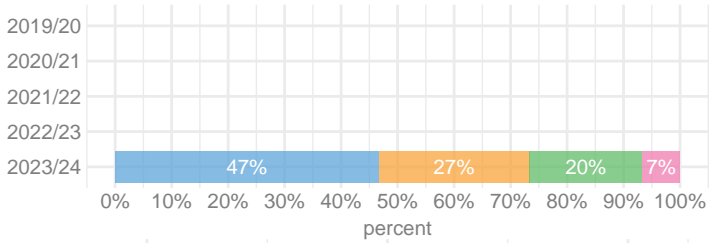
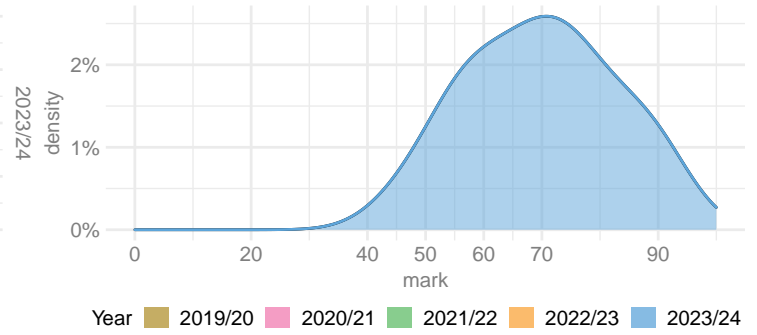
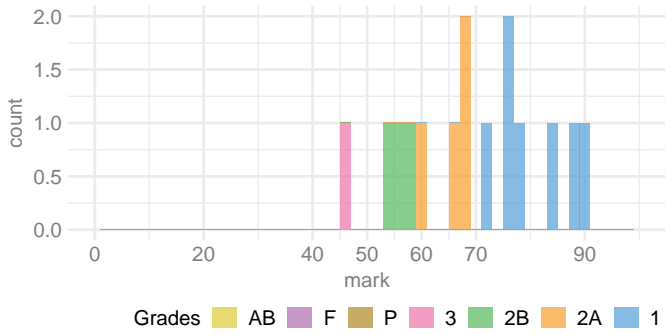
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	42	70.4	8.0	51	59.0	64.2	73.0	11.8	76.0	78.0	79.0	85

DS105W: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22																
2022/23																
2023/24	42			1		6	8	27				2.4		14.3	19.0	64.3

DS105W: Grade summary – Count and Percentage distribution (%).

DS101A: Fundamentals of Data Science



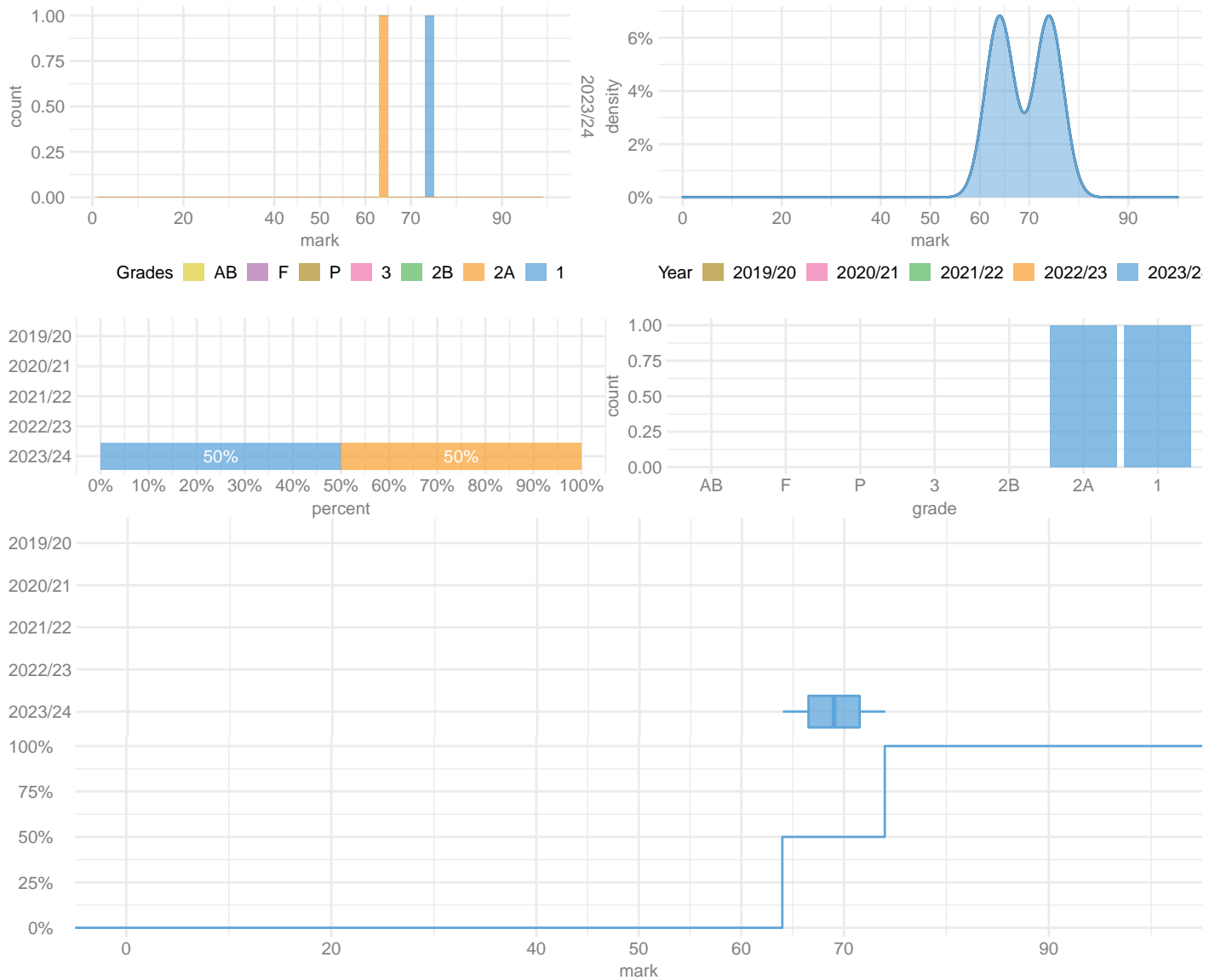
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	15	69.8	12.8	47	55.8	59.0	69	18.0	77.0	87.4	89.3	90

DS101A: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22																
2022/23																
2023/24	15				1	3	4	7					6.7	20.0	26.7	46.7

DS101A: Grade summary – Count and Percentage distribution (%).

DS101W: Fundamentals of Data Science



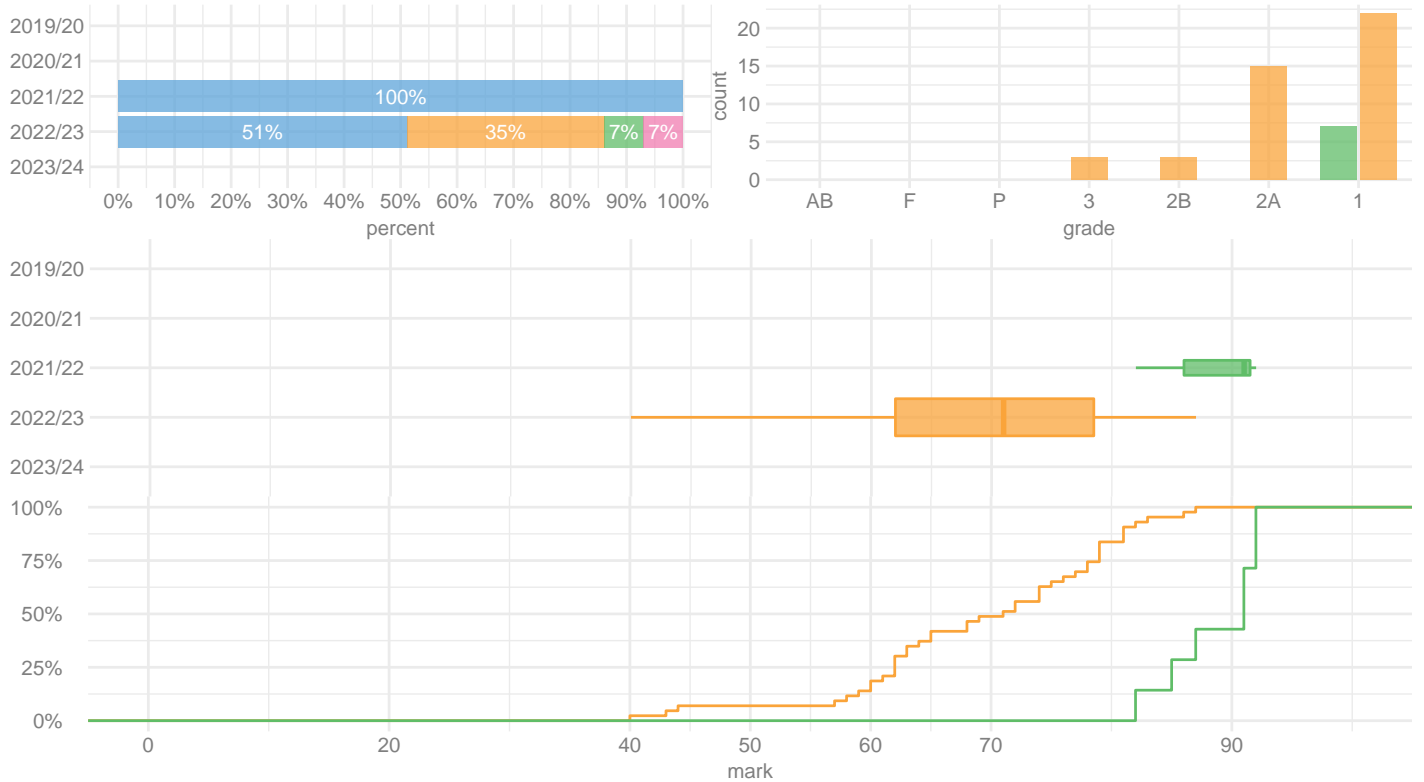
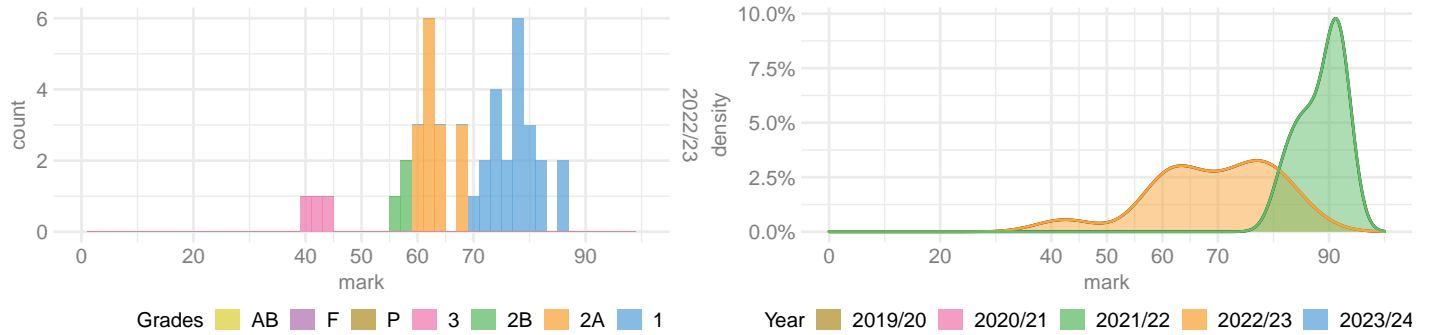
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	2	69.0	7.1	64	65.0	66.5	69.0	5.0	71.5	73.0	73.5	74

DS101W: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1	2	3	4	5	6	7	8	9	10
2021/22																		
2022/23																		
2023/24	2							1	1							50.0	50.0	

DS101W: Grade summary – Count and Percentage distribution (%).

DS105L: Data for Data Science



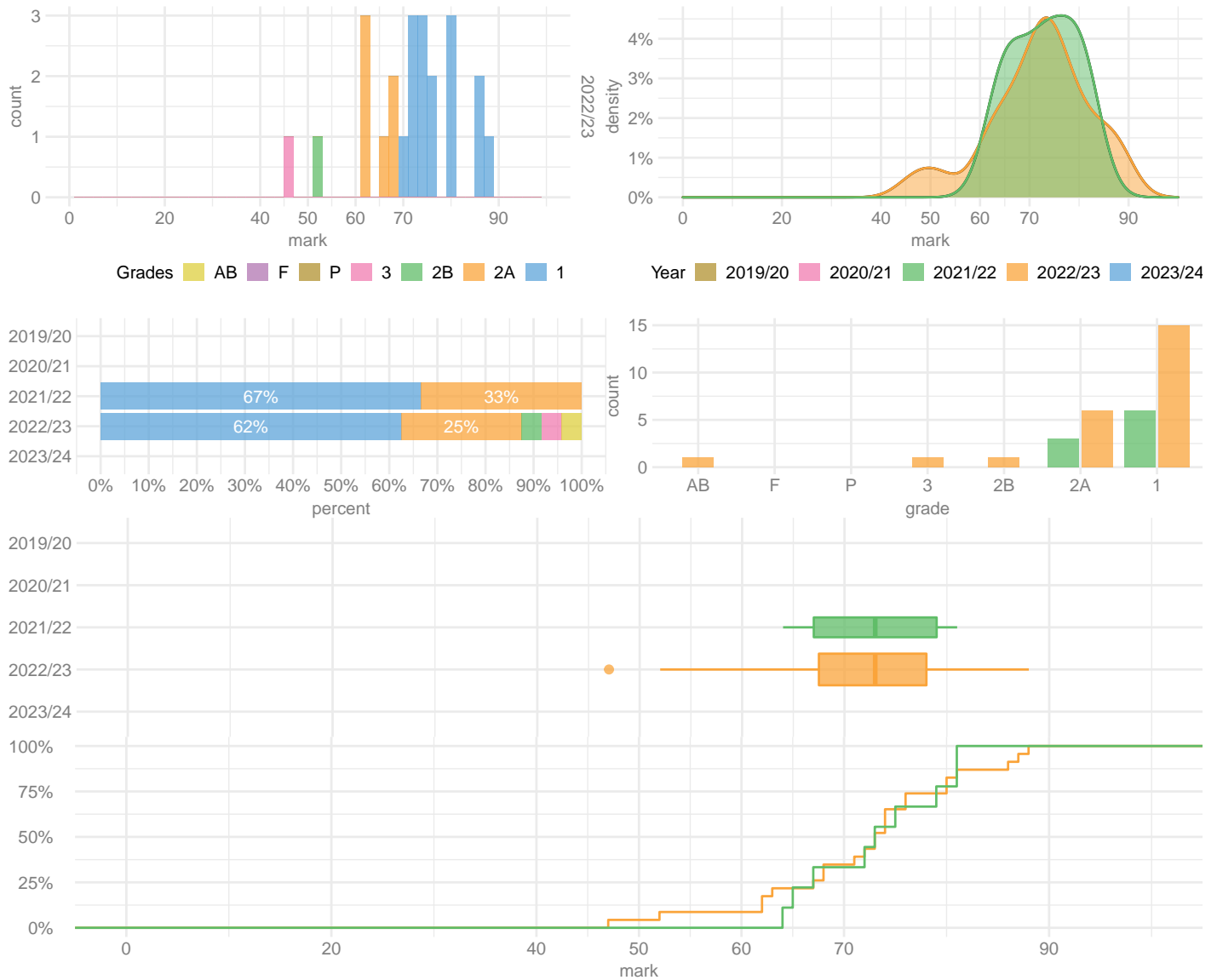
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22	7	88.6	4.0	82	83.8	86.0	91	5.5	91.5	92.0	92.0	92
2022/23	43	69.1	11.2	40	58.2	62.0	71	16.5	78.5	81.0	82.9	87
2023/24												

DS105L: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22	7							7								100.0
2022/23	43				3	3	15	22					7.0	7.0	34.9	51.2
2023/24																

DS105L: Grade summary – Count and Percentage distribution (%).

DS105M: Data for Data Science



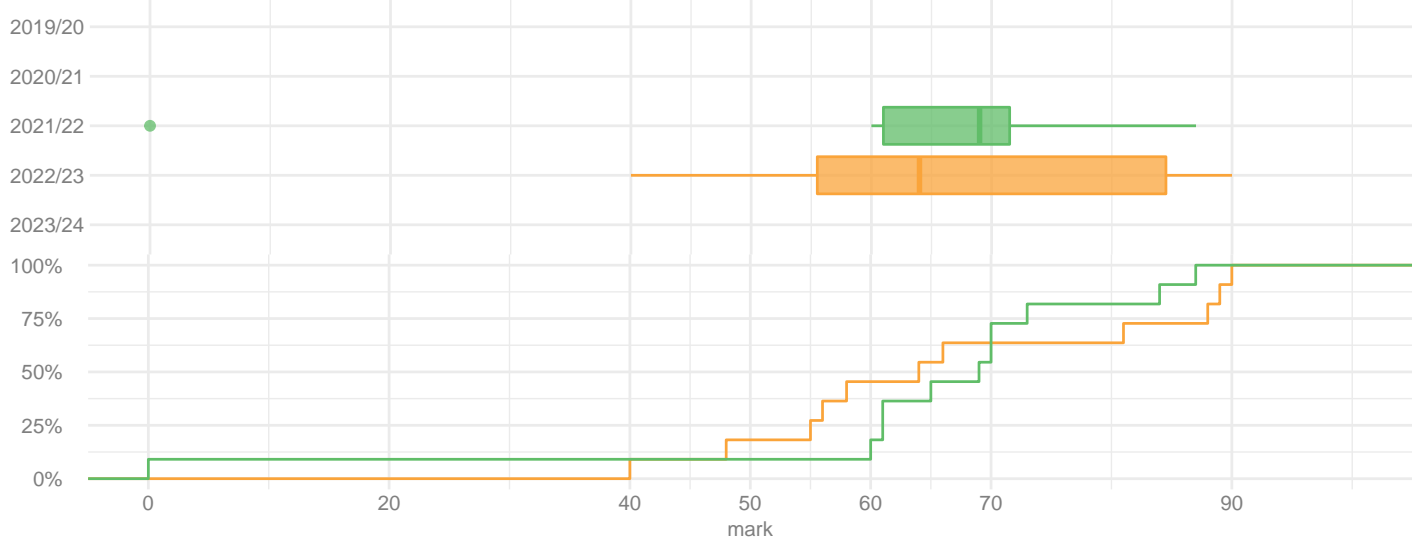
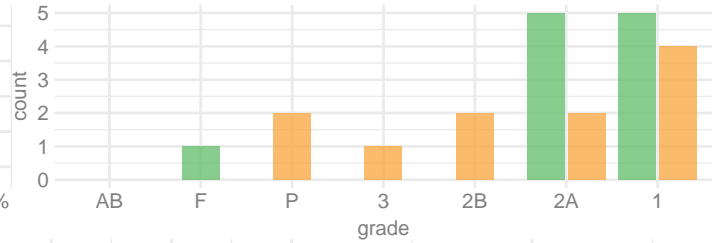
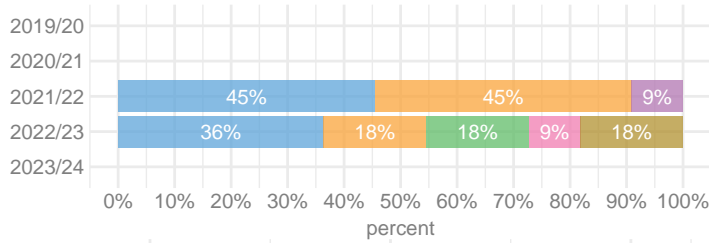
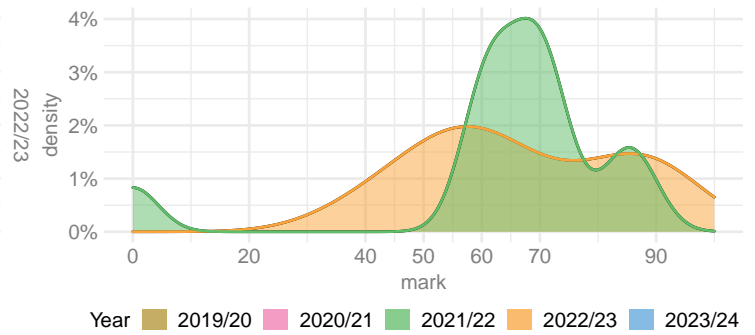
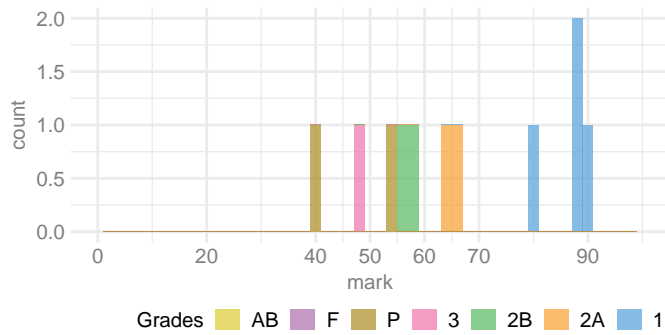
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22	9	73.0	6.6	64	64.8	67.0	73	12.0	79.0	81.0	81.0	81
2022/23	23	71.9	10.2	47	62.0	67.5	73	10.5	78.0	85.0	86.9	88
2023/24												

DS105M: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	:%	AB	F	P	3	2B	2A	1
2021/22	9						3	6							33.3	66.7
2022/23	24	1			1	1	6	15	4.2				4.2	4.2	25.0	62.5
2023/24																

DS105M: Grade summary – Count and Percentage distribution (%).

DS101L: Fundamentals of Data Science



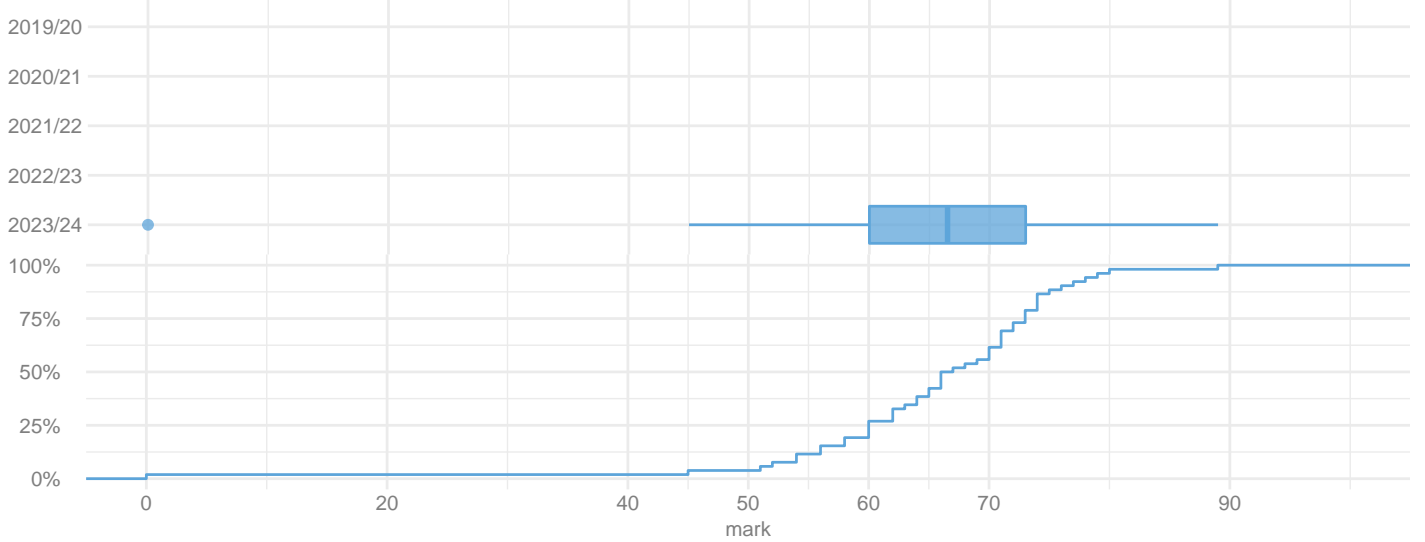
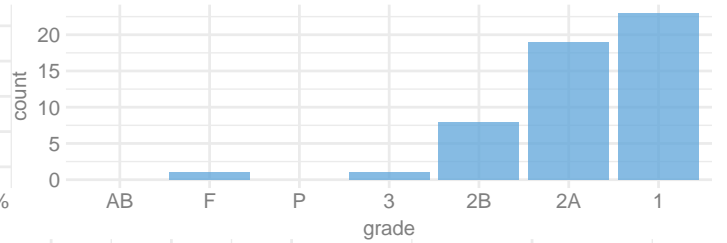
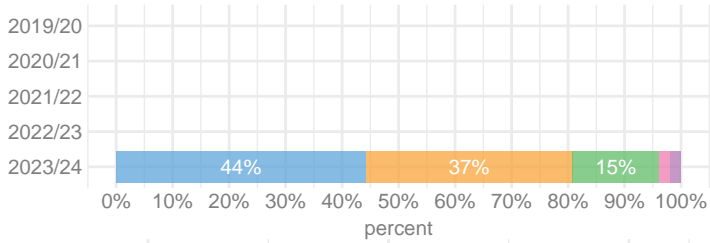
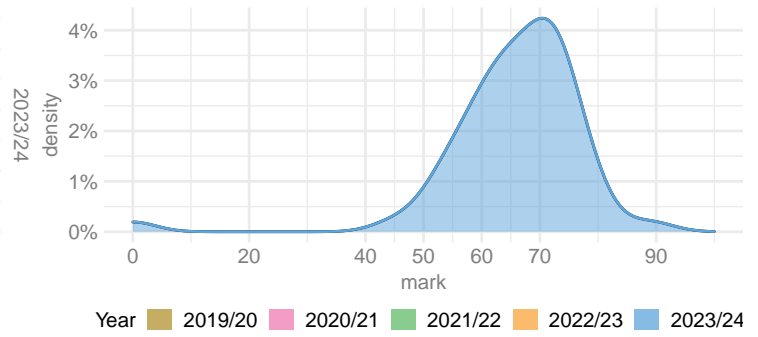
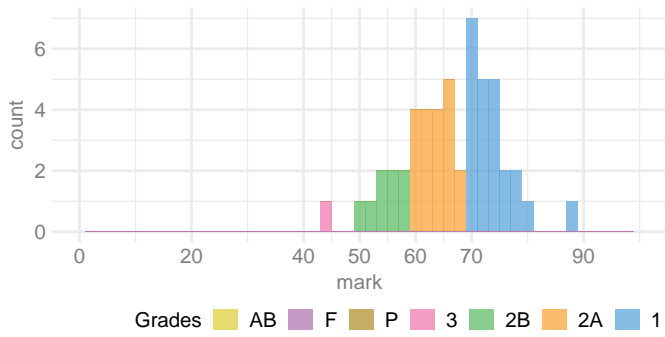
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22	11	63.6	22.9	0	60.0	61.0	69	10.5	71.5	84.0	85.5	87
2022/23	11	66.8	17.6	40	48.0	55.5	64	29.0	84.5	89.0	89.5	90
2023/24												

DS101L: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22	11		1				5	5		9.1					45.5	45.5
2022/23	11			2	1	2	2	4				18.2	9.1	18.2	18.2	36.4
2023/24																

DS101L: Grade summary – Count and Percentage distribution (%).

DS202A: Data Science for Social Scientists



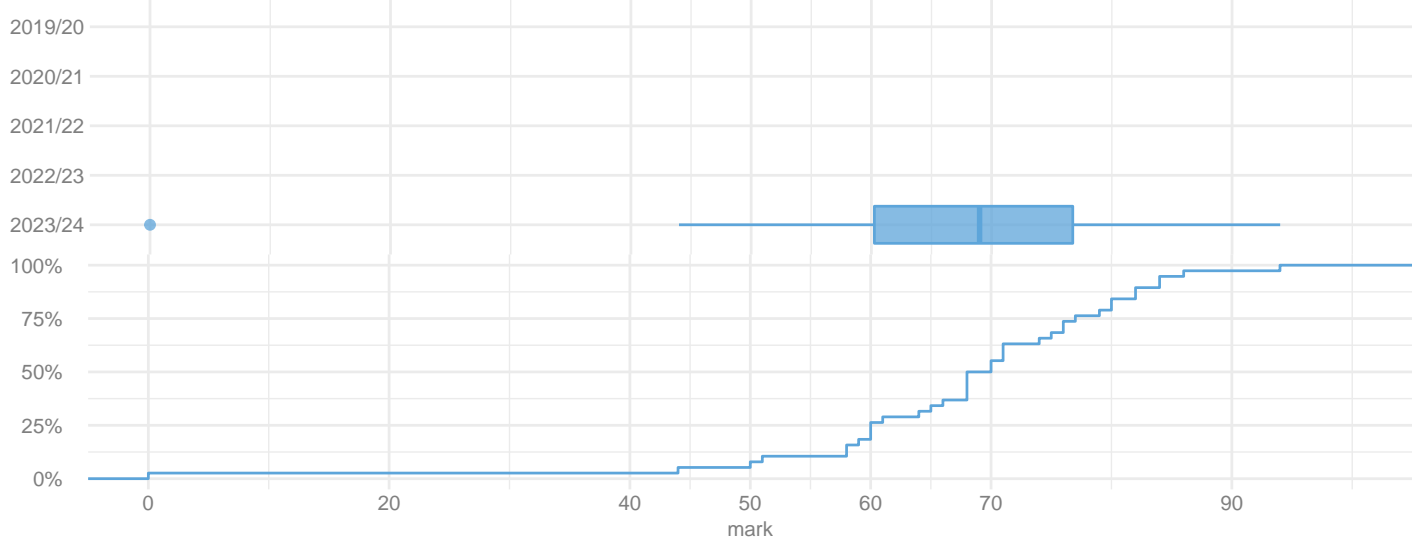
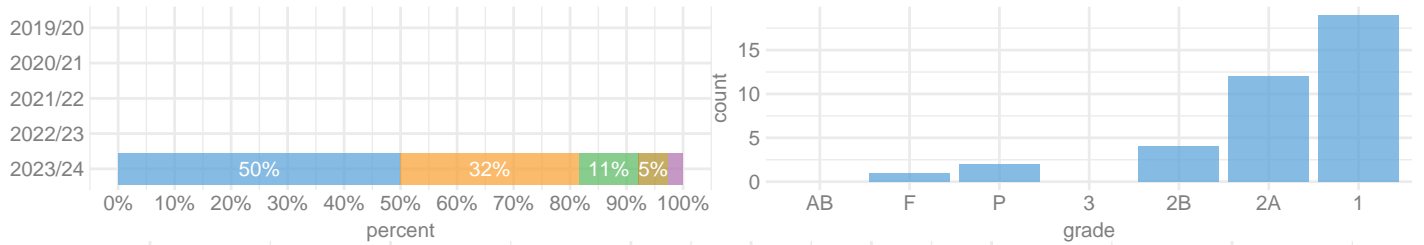
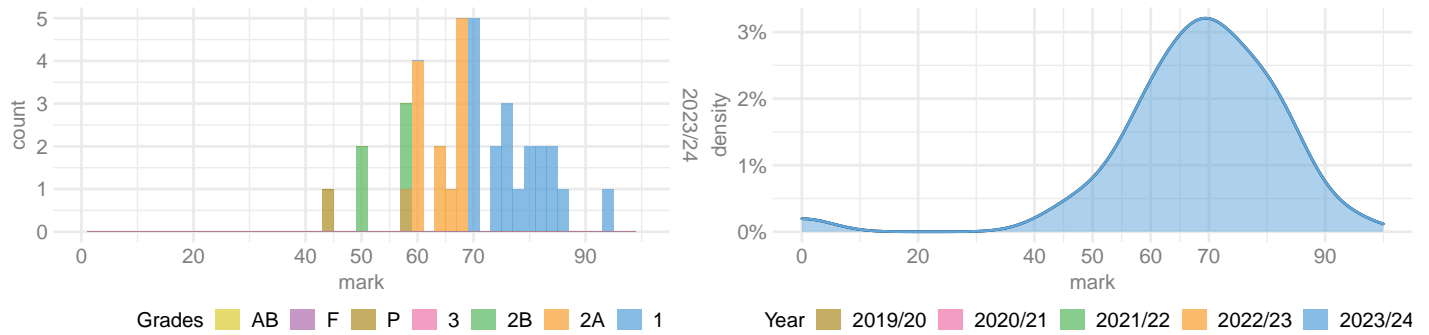
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	52	65.5	12.5	0	54.2	60.0	66.5	13.0	73.0	75.9	78.4	89

DS202A: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	1	2	3	4	5	6	7	8	9	10
2021/22																		
2022/23																		
2023/24	52		1		1	8	19	23			1.9	1.9	15.4	36.5	44.2			

DS202A: Grade summary – Count and Percentage distribution (%).

DS202W: Data Science for Social Scientists



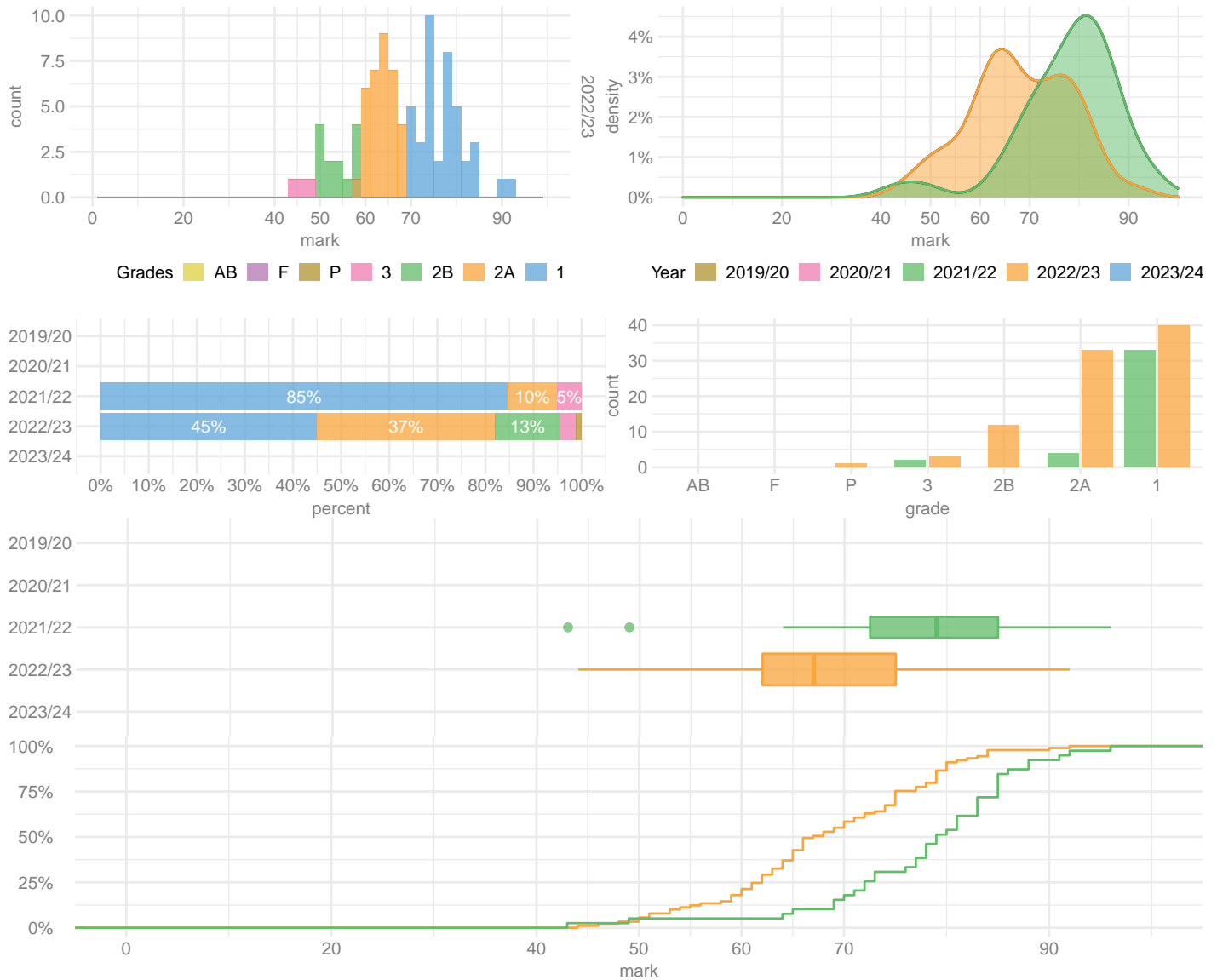
Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22												
2022/23												
2023/24	38	67.8	15.6	0	55.9	60.2	69.0	16.5	76.8	82.6	84.3	94

DS202W: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22																
2022/23																
2023/24	38		1	2		4	12	19		2.6	5.3		10.5	31.6	50.0	

DS202W: Grade summary – Count and Percentage distribution (%).

DS202: Data Science for Social Scientists



Year	marks	mean	sd	min	q10	q25	median	IQR	q75	q90	q95	max
2021/22	39	77.8	10.5	43	68.2	72.5	79	12.5	85.0	88.0	91.1	96
2022/23	89	68.1	10.3	44	53.8	62.0	67	13.0	75.0	80.0	83.6	92
2023/24												

DS202: Mark summary – Mean, Standard deviation and Quantiles.

Year	grades	AB	F	P	3	2B	2A	1	%:	AB	F	P	3	2B	2A	1
2021/22	39				2		4	33					5.1		10.3	84.6
2022/23	89			1	3	12	33	40			1.1	3.4	13.5	37.1	44.9	
2023/24																

DS202: Grade summary – Count and Percentage distribution (%).