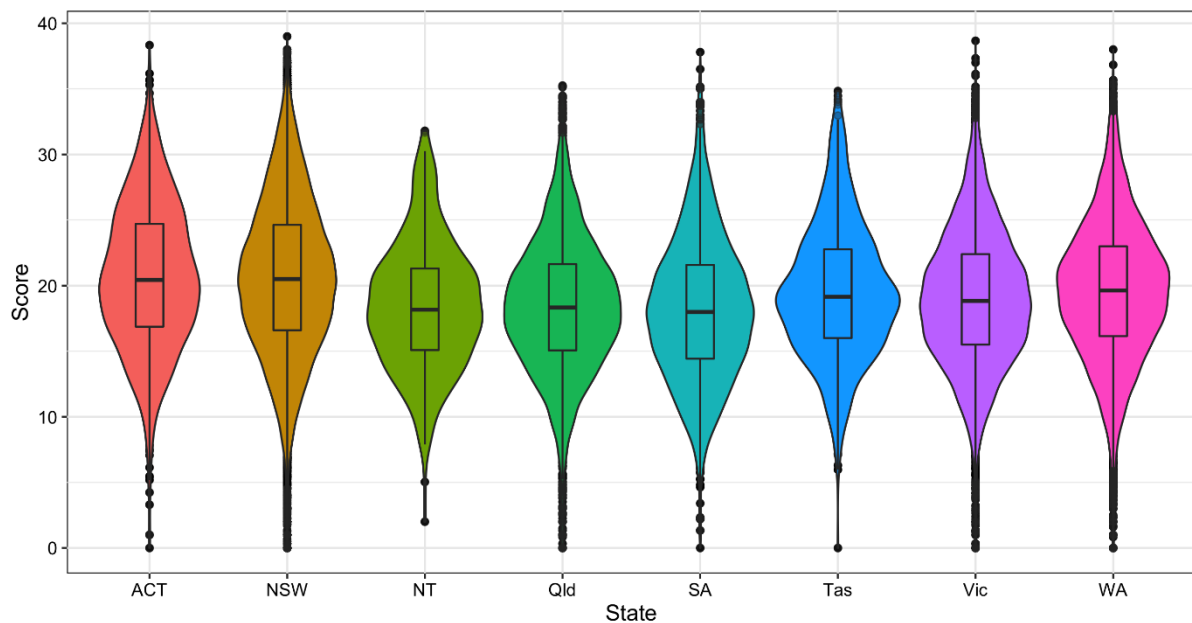
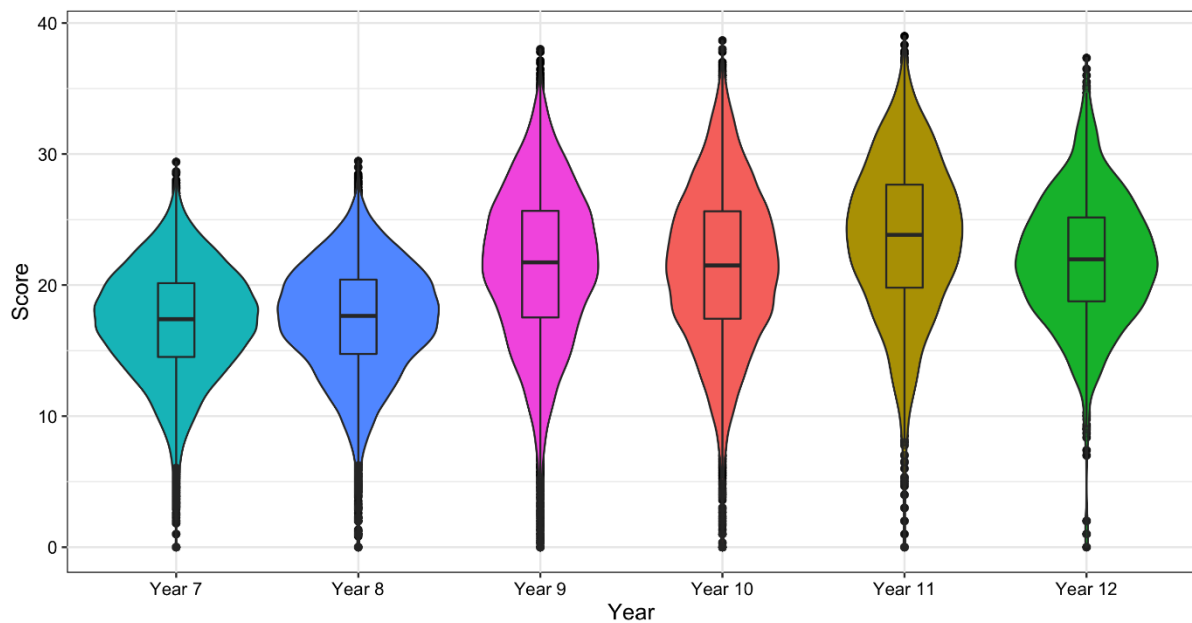


2022 SCORE STATISTICS

We have used violin plots to show the distribution of student scores by school Year and by state/territory. The violin plots show the distribution of the data, with an inner box plot showing the 25th, 50th and 75th percentiles, with outliers as points, as well as the density of the scores. The number of questions that the scores are based on differ across the years:

- Year 7 – 30 questions
- Year 8 – 30 questions
- Year 9 – 40 questions
- Year 10 – 40 questions
- Year 11 – 40 questions
- Year 12 – 38 questions (There was a formatting problem with 2 questions that have therefore been discounted in the marks.)



AVERAGE SCORE PER QUESTION

The table below shows the average score per question across Australia. The higher the number, the more students answered it correctly. Please note: question numbers do **not** refer to the same question across the years, i.e. Q1 for Year 7s is a different question to Q1 for Year 8s, etc. Q35 and Q38 in Year 12 have been discounted due to a formatting error.

Q No.	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
1	0.97	0.76	0.62	0.62	0.41	0.77
2	0.83	0.27	0.32	0.65	0.38	0.85
3	0.65	0.77	0.61	0.78	0.78	0.32
4	0.41	0.45	0.80	0.81	0.69	0.33
5	0.62	0.56	0.44	0.64	0.27	0.66
6	0.71	0.30	0.62	0.85	0.31	0.91
7	0.26	0.64	0.64	0.53	0.75	0.74
8	0.61	0.74	0.69	0.59	0.56	0.80
9	0.87	0.66	0.54	0.80	0.61	0.84
10	0.02	0.77	0.63	0.58	0.89	0.49
11	0.29	0.43	0.73	0.29	0.47	0.89
12	0.68	0.63	0.34	0.47	0.70	0.53
13	0.38	0.39	0.35	0.27	0.51	0.66
14	0.80	0.76	0.73	0.76	0.57	0.62
15	0.49	0.77	0.28	0.55	0.81	0.81
16	0.32	0.59	0.03	0.20	0.72	0.69
17	0.57	0.79	0.32	0.61	0.47	0.89
18	0.64	0.90	0.48	0.31	0.42	0.62
19	0.52	0.60	0.79	0.43	0.51	0.87
20	0.90	0.37	0.65	0.59	0.62	0.64
21	0.64	0.52	0.49	0.39	0.48	0.45
22	0.34	0.39	0.61	0.29	0.68	0.63
23	0.49	0.69	0.37	0.38	0.62	0.34
24	0.82	0.69	0.49	0.35	0.73	0.33
25	0.52	0.67	0.39	0.72	0.78	0.56
26	0.36	0.44	0.36	0.55	0.46	0.60
27	0.70	0.55	0.28	0.26	0.78	0.61
28	0.86	0.64	0.75	0.32	0.79	0.37
29	0.54	0.27	0.55	0.77	0.67	0.76
30	0.34	0.35	0.43	0.35	0.87	0.35
31			0.69	0.41	0.58	0.59
32			0.75	0.66	0.32	0.21
33			0.57	0.47	0.31	0.34
34			0.79	0.57	0.31	0.36
35			0.77	0.65	0.47	--
36			0.67	0.43	0.62	0.40
37			0.37	0.56	0.86	0.09
38			0.27	0.85	0.54	--
39			0.79	0.31	0.66	0.26
40			0.44	0.77	0.57	0.72