

HARDEST AND EASIEST QUESTIONS

The hardest questions were:

- Question #5 (lowest number of motor vehicle crash deaths)
- Question #17 (hierarchical clustering)
- Question #12 (rainbow colormap)
- Question #13 (HSV color space)

The easiest (most liked) questions were:

- Question #11 (correlation)
- Question #16 (coloring for the blind)
- Question #19a (parallel coordinates)
- Question #14 (green vs blue)

1	2	3	4	5	6a	6b	6c	7	8	9a	9b	9c	10	11	12	13	14	15	16	17	18	19a	19b	19c	20
7.47	5.2	7.19	3.69	1.35	6.64	7.78	5.6	5.06	6.16	6.41	6.07	4.05	4.85	9.18	3.92	3.5	9.51	6.38	10.1	2.42	4.4	9.08	6.13	5.66	8.94

GRADING CRITERIA

Performance-based, not curved by distribution

- want students to possess a certain degree of VIS knowledge
- this knowledge has been measured by the exam questions

Based on 26 (sub)questions, all gave 10 points, so max = 260

- an **A student** would answer at least 20 (3/4) questions 85% correctly to reach **164 points** or more
- a **B student** would answer at least 13 (1/2) questions 85% correctly to reach **109 points** or more
- a **C student** would answer at least 7 (1/4) questions 85% correctly to reach **55 points** or more
- an **F student** would not be able to answer at least 7 (1/4) questions 85% correctly and so would reach less than 55 points
- plus and minus refinements would apply linearly within each range
- the maximum number of points achieved was 228 (average 146)

POINT DISTRIBUTION

