Solutions

2.1

- The range of true RRs compatible with the data at this level – excluding 1, the effect stands ✓.

2.2

- The χ^2 test ✓.

2.3

- No events in that interval – only events move the curve ✓.

3.1

- A: CI excludes 1 – effect stands ✓.
- B: CI includes 1 – compatible with no effect ✓.
- A is more precise (narrower interval) ✓.
- B's interval spans 0.8–7.1: protective to strongly harmful – the estimate says little ✓.
- $p > 0.05$ for B = absence of evidence, not evidence of absence ✓.

3.2

- $S(3) = 11/12 = 0.917$ ✓.
- $S(6) = 0.917 \times 9/10 = 0.825$ ✓.
- $S(9) = 0.825 \times 6/8 = 0.619$ ✓.
- Median: after 9 months (S still above 0.50); censoring shrank only the at-risk denominator ✓.

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