A5 · Growth-and-survival decision board

Original ordinary model · choose one useful question or representation

P: start 20 mm → Day 8 mean 31 mm; increase 11 mm

6 of 6 alive on Day 8; six original height records

alive	alive	alive	alive	alive	alive

Count marks, not identified individuals or lifetime survival

Q: start 20 mm → Day 8 mean 36 mm; increase 16 mm

4 of 6 alive on Day 8; six original height records

alive	alive	alive	alive	not alive	not alive

Count marks, not identified individuals or lifetime survival

More height: Q. More alive: P. Which criterion helps your chosen fictional reader? Actual cause remains unknown.

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A5 · Growth-and-survival decision board

Your choices · optional own paper, words, sign, AAC or exact scribing

My fictional reader / criterion

Relevant measure / conditional decision

Mean definition / unit / sample / period

Source limit / useful next question

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A5 · Growth-and-survival decision board

Complete source · use one useful part in your usual communication

Choose a useful job

Choose a criterion for a fictional keeper. More recorded height increase conditionally favours Q: 16 mm versus P's 11 mm. More alive at Day 8 conditionally favours P: 6 of 6 versus 4 of 6. Keep the mean definition, original sample, period and unrecorded conditions beside the advice. Neither ranking supplies real care permission or cause.

Try the decision trail: criterion → relevant measure → conditional decision → limit → next question. Or repair “Q has four survivors, so it is four out of four”: the original six remain the denominator. A second ordinary brief requires increase at least 10 mm AND all four alive at Day 6. A +12 mm/3 of 4 fails survival; B +8 mm/4 of 4 fails increase. Neither meets both. Do not invent a combined A-growth/B-survival option.

Complete ordinary source

O4 · Same-day height and survival notes

A fictional tray keeper recorded two trays on Day 0 and Day 8. Each tray began with six bean seedlings and mean height 20 mm. The different assigned daily water amounts were 20 mL for tray P and 50 mL for tray Q. The keeper does not supply temperature or soil-moisture readings.

Tray | Day 8 mean height | Alive at Day 8 | Initial seedlings
P | 31 mm | 6 | 6
Q | 36 mm | 4 | 6

P's mean increased 11 mm; Q's increased 16 mm. This table’s final means are calculated over all six originally labelled seedlings using their recorded heights, including those marked not alive; missing-height cells are not present. A living plant’s height and a stopped/still-standing stem can be different things. Do not recalculate a mean over only survivors and compare it with this one.

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A5 · Growth-and-survival decision board

Complete source · use one useful part in your usual communication · continued

The record alone does not show that one water amount caused mortality. Nor does a larger mean increase settle a choice for someone prioritising the number alive. The supplied counts describe these twelve seedlings at this one eight-day check.

Complete free alternative

Use these full words and source tables on scrap paper, an exact read-aloud, sign/AAC or learner-directed marks. No diagram hides extra data. Original diagram descriptions and all labels accompany the complete generated text alternative. Blank areas can be replaced by any amount of own paper; no neatness, handling or writing speed requirement. These are supplied/model jobs, not a completed plant investigation.

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