Supplemental material

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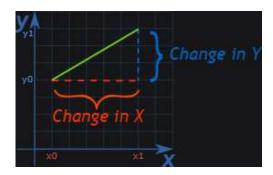
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Supplementary Appendix

The rate or slope at which vaccine coverage increases over time (months) is calculated as follows:

$$Slope = \frac{Change\ in\ Y}{Change\ in\ X} = \frac{y1 - y0}{x1 - x0}$$

where y0 and y1 are initial and targeted vaccine coverages at x0 and x1 months respectively.

For example, the initial vaccine coverage (3 months after vaccine rollout) was 0.27% in the west African region. If the aim is to achieve a vaccine coverage of 60% after 18 months, then the rate/pace should increase by:

$$Slope = \frac{60 - 0.27}{18 - 3} = 4$$