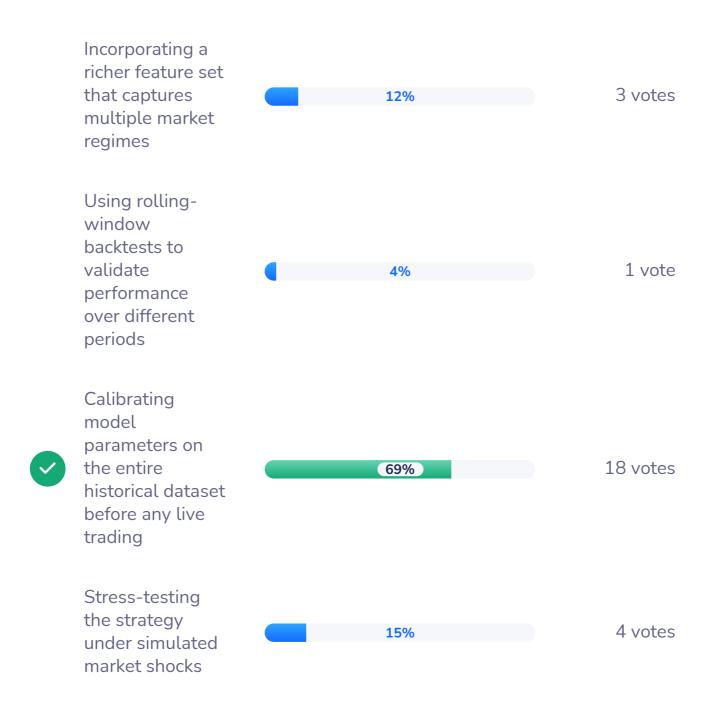
QF624-2025-W2

Number of participants: 35

Which of the following is least likely to improve the robustness of an algorithmic trading strategy?

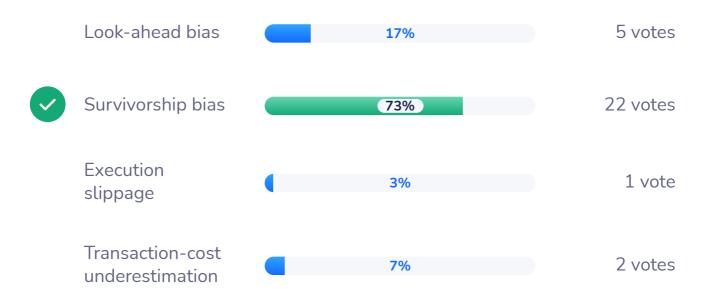
18 correct answersout of 26
respondents



Which issue in backtesting most directly arises from insufficient or biased input data?

×

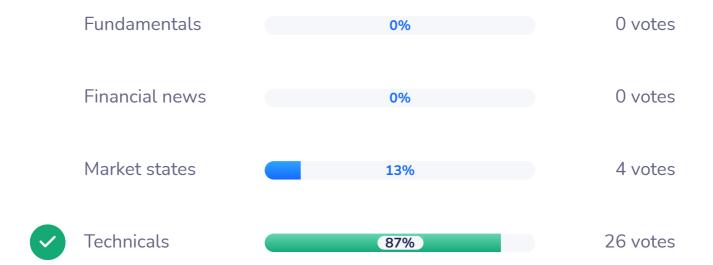
22 correct answersout of 30
respondents



and a stochastic oscillator to trigger entries and exits.
These are examples of which data type?

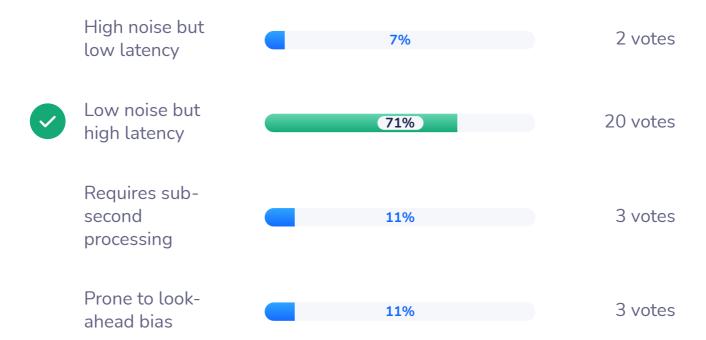
You compute a 50-day

26 correct answers out of 30 respondents



A strategy uses revenue growth, cash-flow ratios, and EPS forecasts released only quarterly. Which trade-off is most relevant when relying on this data type?

20 correct answers out of 28 respondents



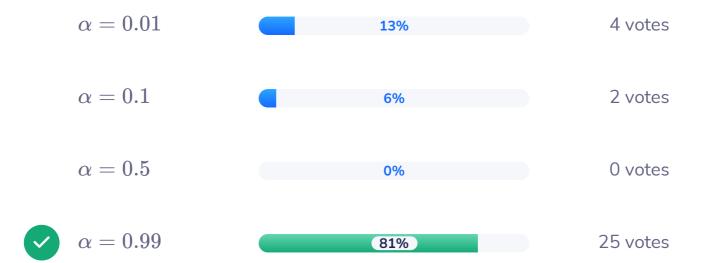
For a simple moving average of length n, which of the following is most true about increasing n?

28 correct answers out of 30 respondents



In the recursion of EWA, which choice of α makes the EMA more sensitive to the most recent data?

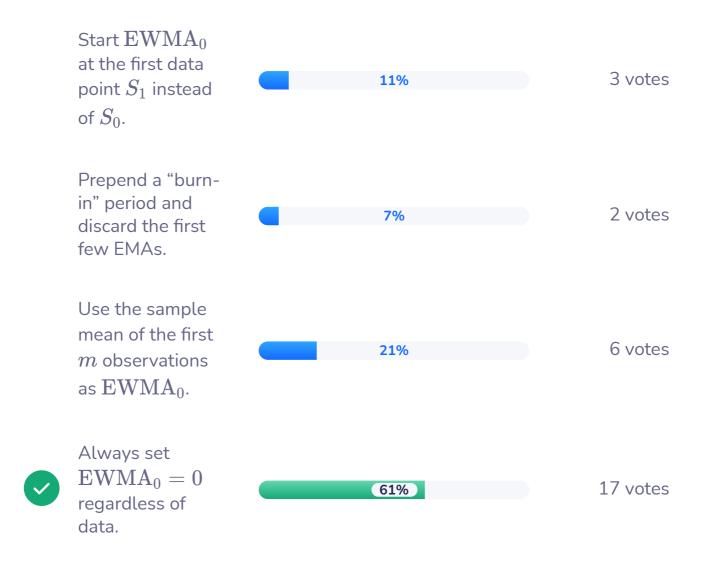
25 correct answersout of 31 respondents



A practical issue when initializing $\mathrm{EWMA}_0 = S_0$ is

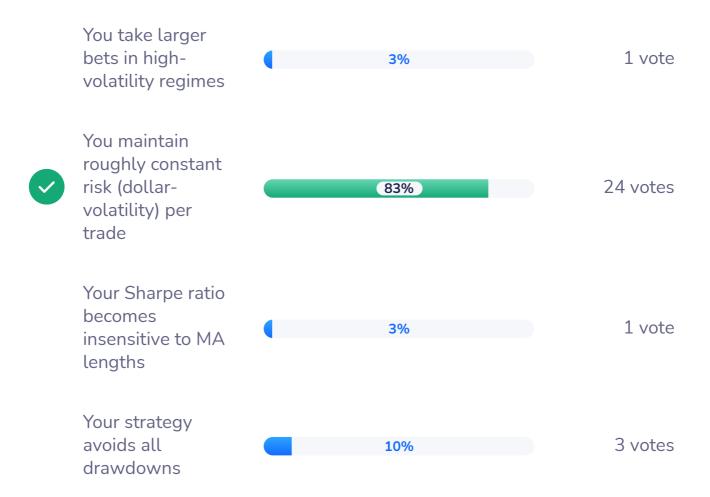
7. that early EMA values can be biased toward S_0 . Which remedy is least effective?

17 correct answersout of 28
respondents



One way to size positions in a crossover-based trend strategy is to scale notional by the inverse of recent volatility. This sizing rule primarily ensures that:

24 correct answers out of 29 respondents



Consider a time series analysis where you are evaluating the stationarity of a financial asset's return series. If you perform a statistical test and find that the series is not stationary, which of the following implications is true?

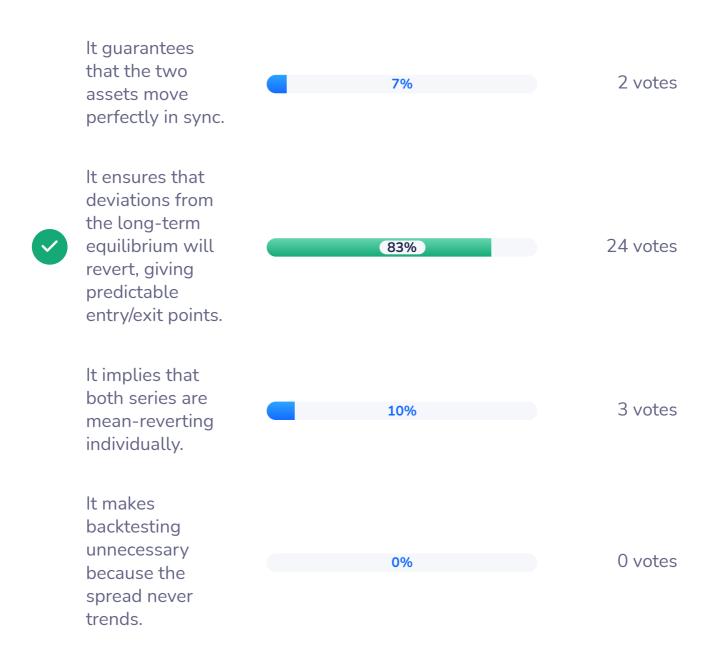
×

25 correct answersout of 27
respondents

The asset's returns are predictable using historical mean and variance.	0%	0 votes
The asset's future returns can be perfectly forecasted using past return data since they follow a set pattern.	0%	0 votes
The asset's returns cannot be assumed to have a constant mean and variance over time.	93%	25 votes
The non- stationarity of the series indicates that the asset's return will always increase over time.	7%	2 votes

Why is having a stationary spread crucial for a cointegration-based trading strategy?

24 correct answers out of 29 respondents



describes the economic 11. interpretation of a cointegrating relationship between two asset prices?

×

Which statement best

25 correct answers out of 27 respondents



Compared to the Engle-Granger two-step test, the Johansen procedure is often preferred when:

×

24 correct answers out of 27 respondents

