



What makes a good prediction interval or probabilistic forecast?

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Introduction

Scoring Rules

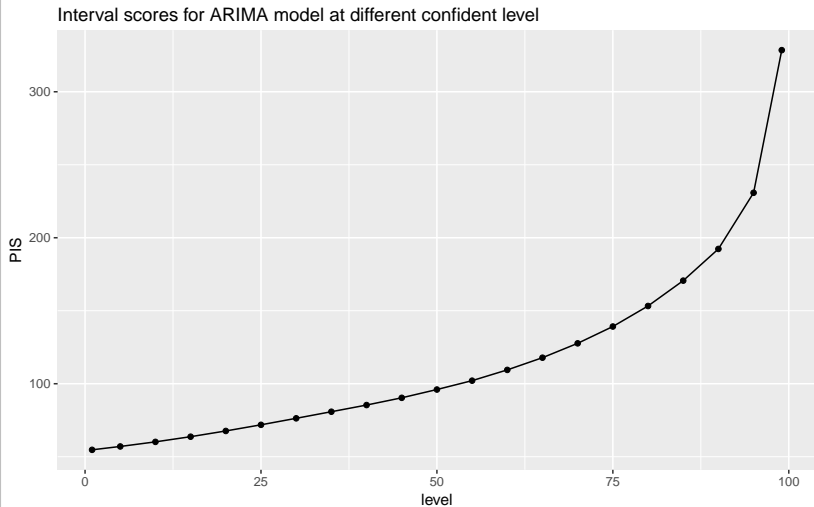
Interval forecast

Probabilistic forecast

case study one: ASX200

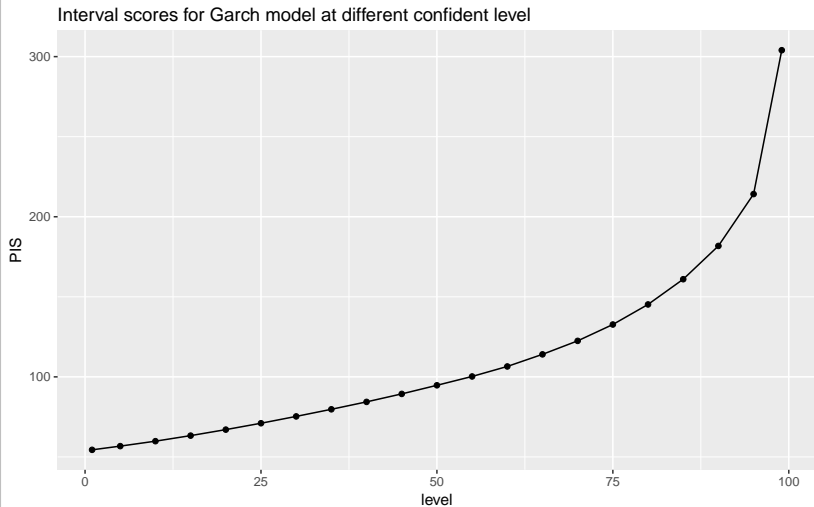
Evaluating by interval forecast

plot for ARIMA model



Evaluating by interval forecast

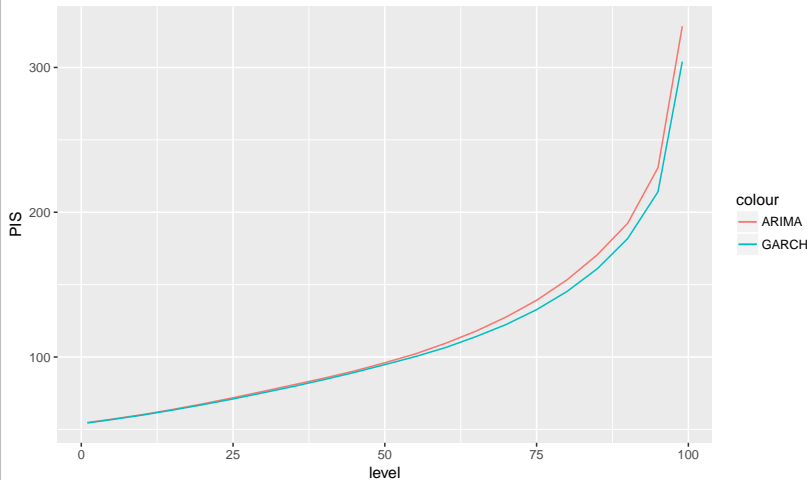
plot for GARCH model



Evaluating by interval forecast

comparing two models

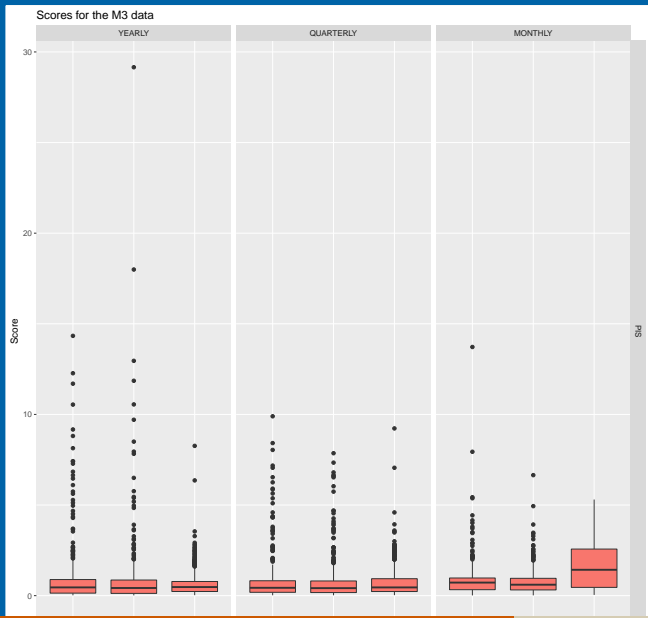
Comparing the interval scores of the two models at different level



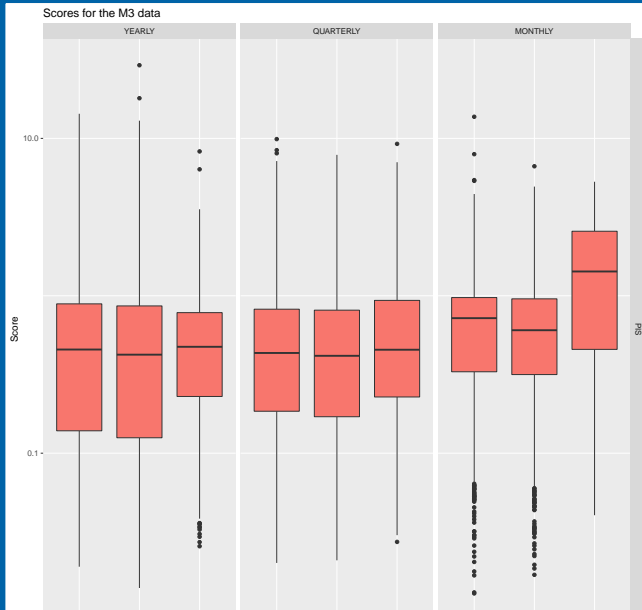
case study two: M3 data set

Evaluating by interval forecast

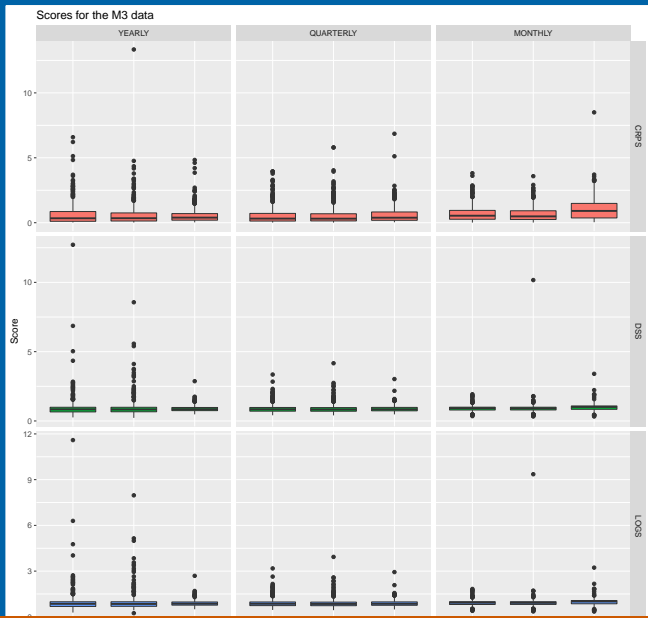
Plot



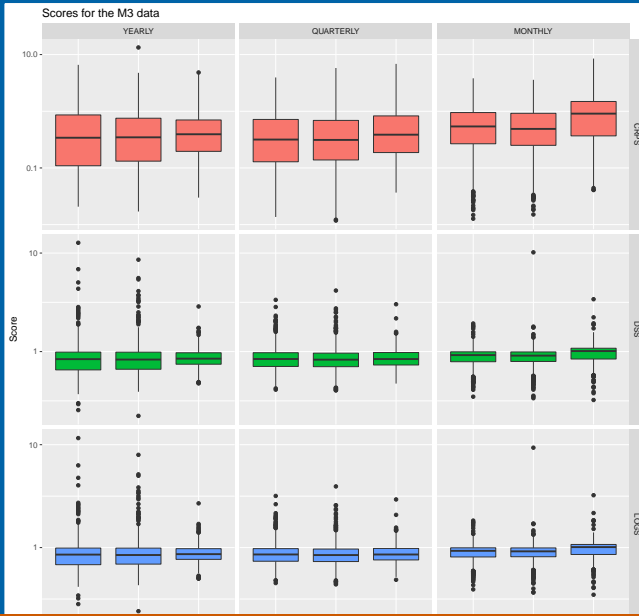
plot for log



Evaluating by probabilistic forecasts



plot for log



conclusion

Question and Answer

Reference

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