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*Declaration Guidelines in Test Cricket*

This project considers the decision problem of when to declare during the third innings of a test cricket match. There are various factors that affect the decision of the declaring team including the target score, the number of overs remaining, the relative desire to win versus draw, and the scoring characteristics of the particular match. Decision rules are developed and these are assessed against historical matches. It is found that teams have traditionally been cautious in declaring, and that optimal decision making would lead to more frequent and earlier declarations.