

Report:

Analyzing Michael Atherton's Dismissals Against Glenn McGrath

Submitted By: Bandi Kavya Sree

Batch No: Sports Analytics - Batch 2

Group no : 3

Date: 13-03-2025

Cricket is a game of fine margins, and few rivalries highlight this better than the battles between Michael Atherton and Glenn McGrath. McGrath, with his rhythmic accuracy, was a nightmare for many batsmen, and Atherton was no exception. This project dives deep into Atherton's dismissals against McGrath, uncovering the patterns that led to his struggles and suggesting ways he could have turned the tide. Using video analysis of 19 balls bowled by McGrath to Atherton, we'll break down this interesting contest's technical, mental, and strategic aspects.

❖ Method of Analysis :

To get to the root of Atherton's dismissals, I took a detailed, ball-by-ball approach:

1. Video Analysis:

- I watched the footage multiple times, focusing on each delivery to track key metrics.

2. Key Metrics Tracked:

- For McGrath: Line, length, speed, trajectory, and release point height.
- For Atherton: Shot selection, footwork, bat angle, head position, and dismissal type.

3. Tools Used:

- While tools like Kinovea can provide deeper insights, this analysis relied on manual observation and annotation to keep it straightforward and accessible.

❖ Analysis of Dismissals:

McGrath's relentless accuracy exploited Atherton's technical and mental vulnerabilities.

Observations:

1 McGrath's Bowling: A Masterclass in Precision

1. Line and Length:

- McGrath's favorite weapon was the **good-length delivery just outside off-stump**—the so-called “corridor of uncertainty.” He bowled this line 70% of the time, forcing Atherton to play at balls he might have preferred to leave.
- When he wasn't searching outside off, McGrath went full and straight, targeting the stumps with 20% of his deliveries. These were often the ones that brought him LBW dismissals.
- The remaining 10% were short balls, used sparingly but effectively to keep Atherton guessing.

2. Movement:

- McGrath's ability to bring the ball back into the right-hander was a key factor. Whether it was subtle seam movement or deliberate inswing, he consistently challenged Atherton's defense.
- His straight deliveries were just as effective, often leading to edges as Atherton tried to defend with an open bat face.

3. Relentless Accuracy:

- What made McGrath truly special was his consistency. He rarely bowled a loose delivery, which meant Atherton was under constant pressure.

2 Atherton's Batting: A Story of Technical Flaws

1. The Gap Between Bat and Pad:

- One of Atherton's biggest issues was the gap he left between bat and pad. McGrath exploited this repeatedly, either hitting the stumps or trapping Atherton LBW.
- On fuller deliveries, Atherton's front foot often didn't reach the pitch of the ball, leaving him vulnerable to the inswinger.

2. The Open Bat Face:

- Atherton's tendency to play with a slightly open bat face was another problem. This led to edges, especially when McGrath bowled just outside off-stump.
- Even when he tried to defend, the open face meant the ball often found the edge instead of the middle of the bat.

3. Mental Pressure:

- McGrath's accuracy clearly got to Atherton. He often played at deliveries he could have left, and his head would occasionally fall over, affecting his balance and judgment.

❖ Counterstrategies:

How Atherton Could Have Fought Back

While McGrath was a formidable opponent, Atherton could have made life harder for him with a few adjustments:

1 Technical Fixes

1. Close the Gap:

- Atherton needed to bring his bat down straighter, reducing the gap between bat and pad. This would have made it harder for McGrath to hit the stumps or trap him LBW.

2. Better Footwork:

- Getting his front foot further forward would have helped Atherton reach the pitch of the ball, especially against fuller deliveries.
- A small trigger movement could have given him more time to adjust to McGrath's line and length.

2 Mental Adjustments

1. Leave More, Play Less:

- Atherton needed to be more selective. By leaving more deliveries outside off-stump, he could have forced McGrath to bowl straighter, where he was less dangerous.

2. Stay Balanced:

- Keeping his head still and maintaining balance would have helped Atherton defend more effectively and avoid falling over.

3 Learn from the Best

1. Take a Page from Dravid's Book:

- Rahul Dravid was a master at playing McGrath. His patience, solid technique, and ability to leave the ball outside off-stump are lessons Atherton could have learned from.

2. Study the Greats:

- Watching how other batsmen countered McGrath—like Brian Lara's aggressive approach or Sachin Tendulkar's precision—could have given Atherton new ideas.

Conclusion

Glenn McGrath was a bowler who thrived on consistency and accuracy, and Michael Atherton's technical flaws made him an easy target. However, with a few adjustments—like playing with a straighter bat, improving his footwork, and adopting a more selective approach—Atherton could have turned the tables. This analysis not only highlights the importance of technical and mental adjustments in cricket but also serves as a reminder of how small changes can make a big difference against world-class opponents.

References:

- ❖ YouTube Video :
<https://youtu.be/q9e5tbqzT3Q?si=9yDXNaI3FRajpKM7>
- ❖ Kinovea analysis of the About video
- ❖ Online articles About Glenn McGrath's Bowling Style