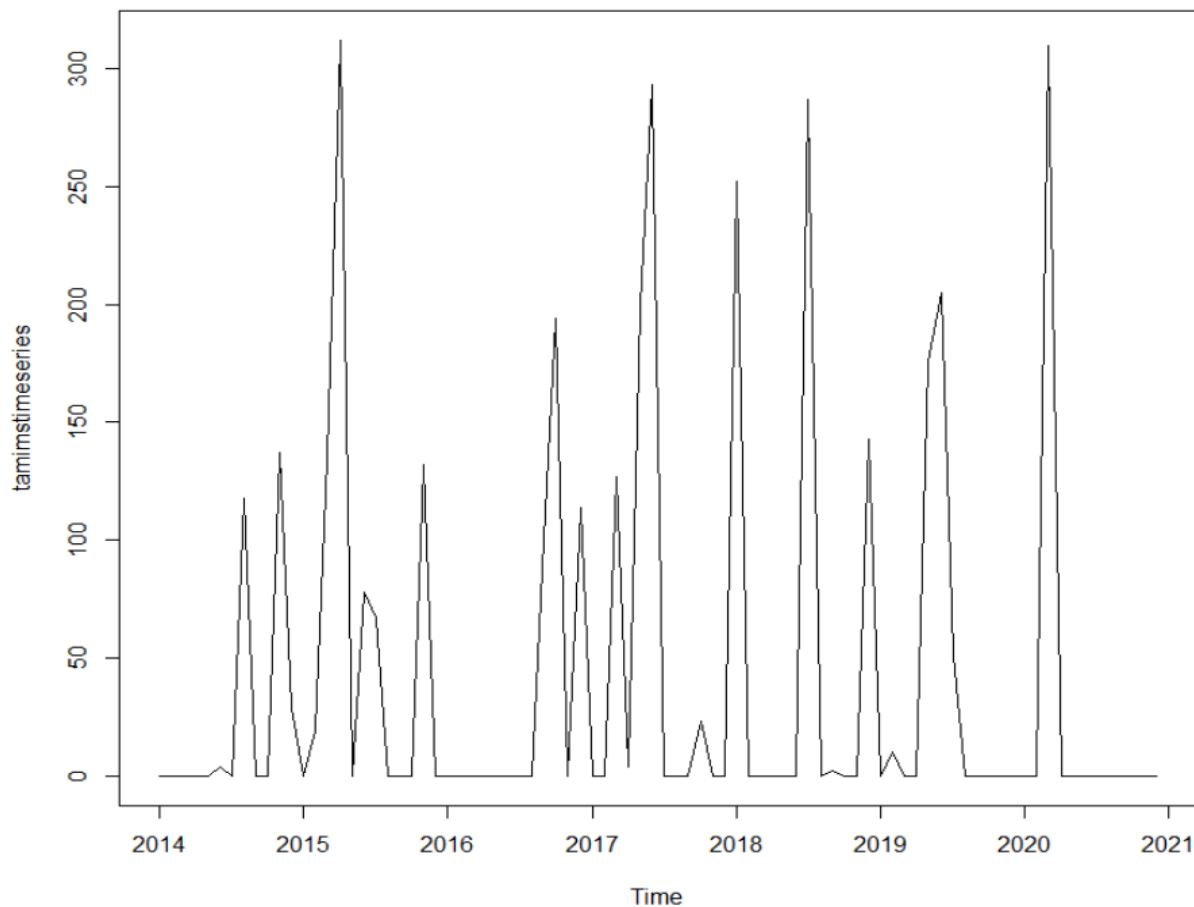


Time series analysis of Bangladesh Cricket Team: Batsman

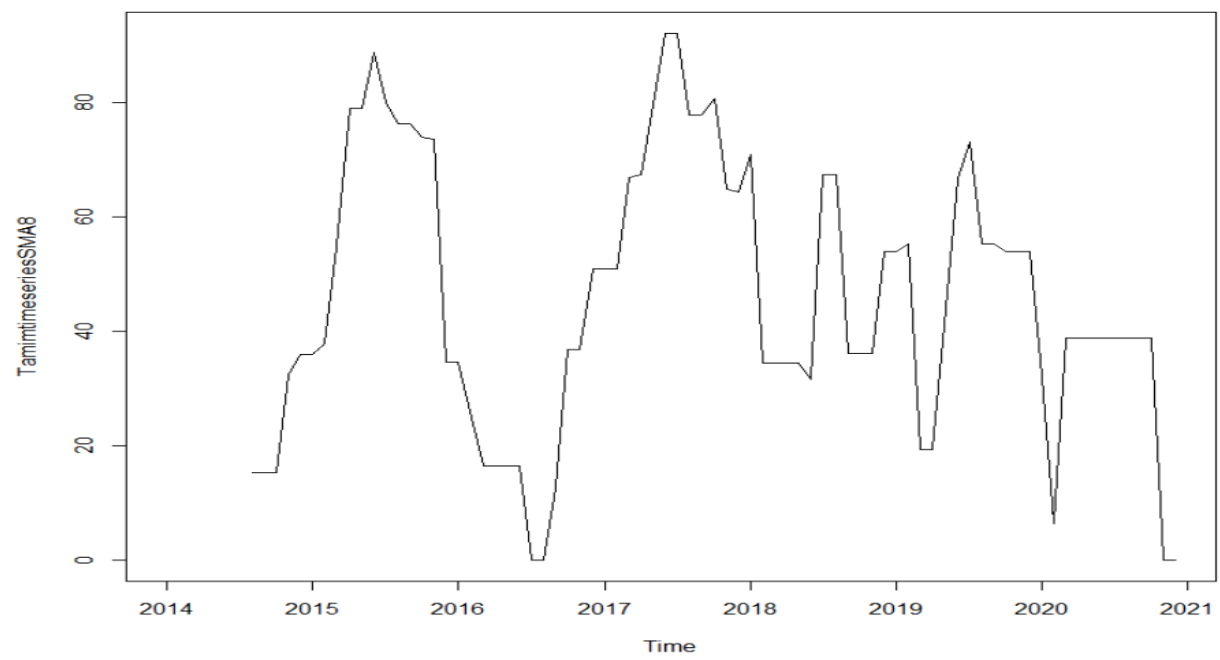
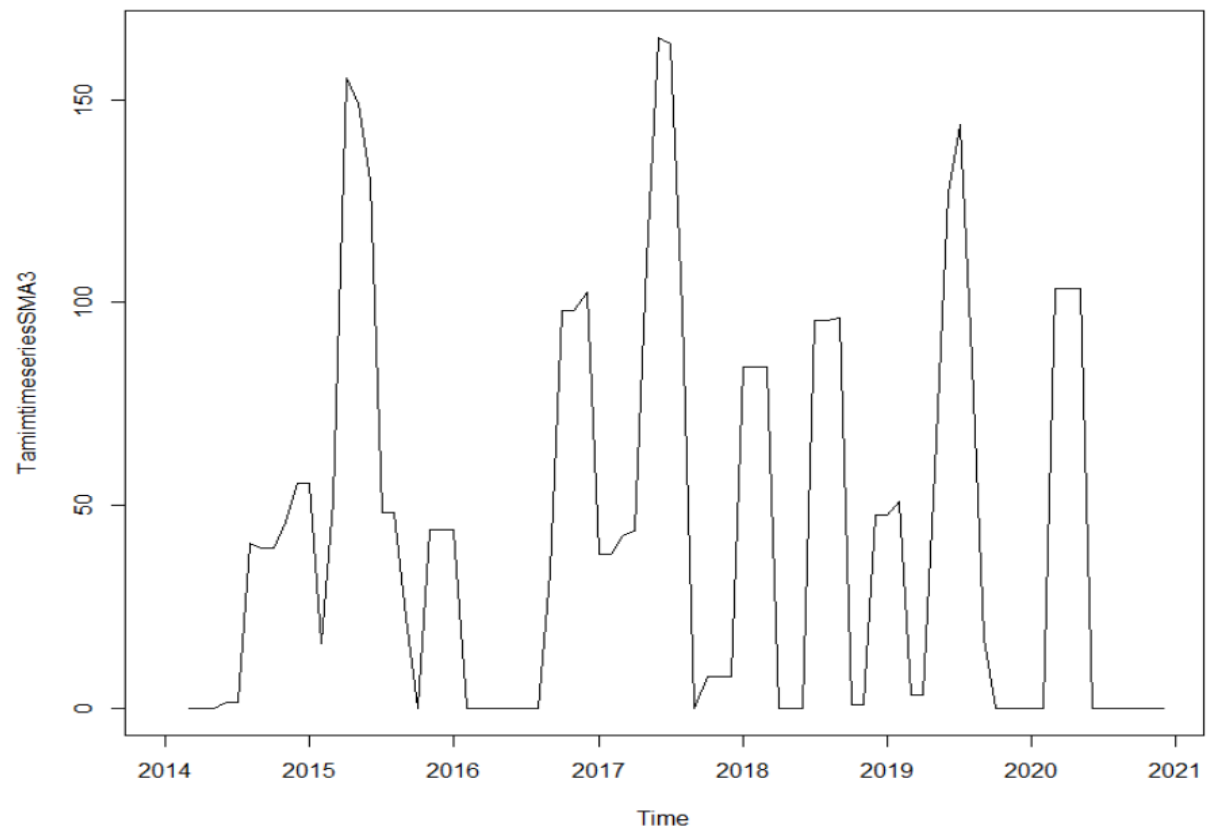
Tamim Iqbal

Tamim Iqbal Khan (born 20 March 1989) is a Bangladeshi international cricketer. He is the current captain of Bangladesh's One Day International (ODI) team. Tamim made his ODI debut in 2007 and played his first Test match the following year. He served as vice-captain of the national side between December 2010 and September 2011. Tamim has scored centuries in all three formats of the game and is also the first Bangladeshi to score 10,000 international runs. In January 2018 against Zimbabwe at Sher-e-Bangla National Cricket Stadium, Dhaka, he became the first batsman for Bangladesh to reach 6,000 runs in ODIs and has gone past Sanath Jayasuriya's 2,514 runs at the R. Premadasa Stadium to become highest run-scorer at a single venue in ODIs. He is the second Bangladeshi cricketer to score 3,000 runs in Tests and 5,000 runs in ODIs and also the first Bangladeshi cricketer to go past 1,000 runs in T20Is.

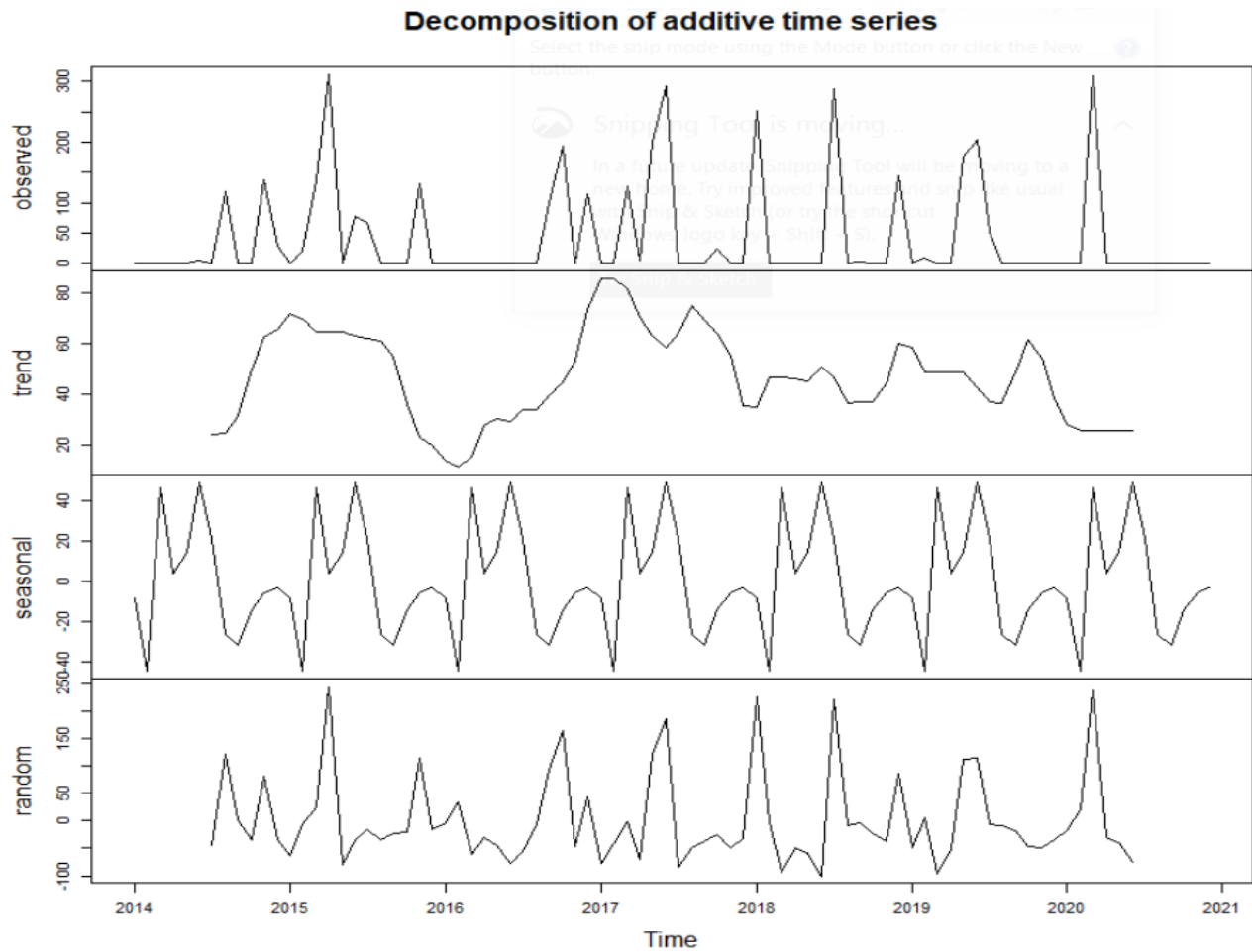
I am working with Tamim's ODIs data for the year 2014-2020, plot the time series of the number of runs per month.



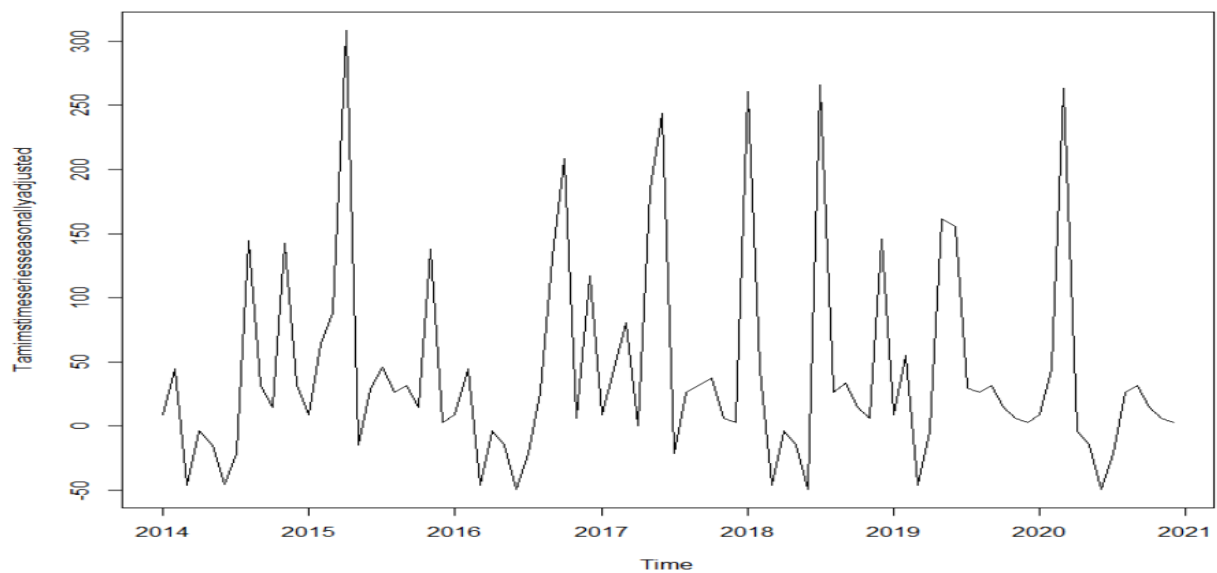
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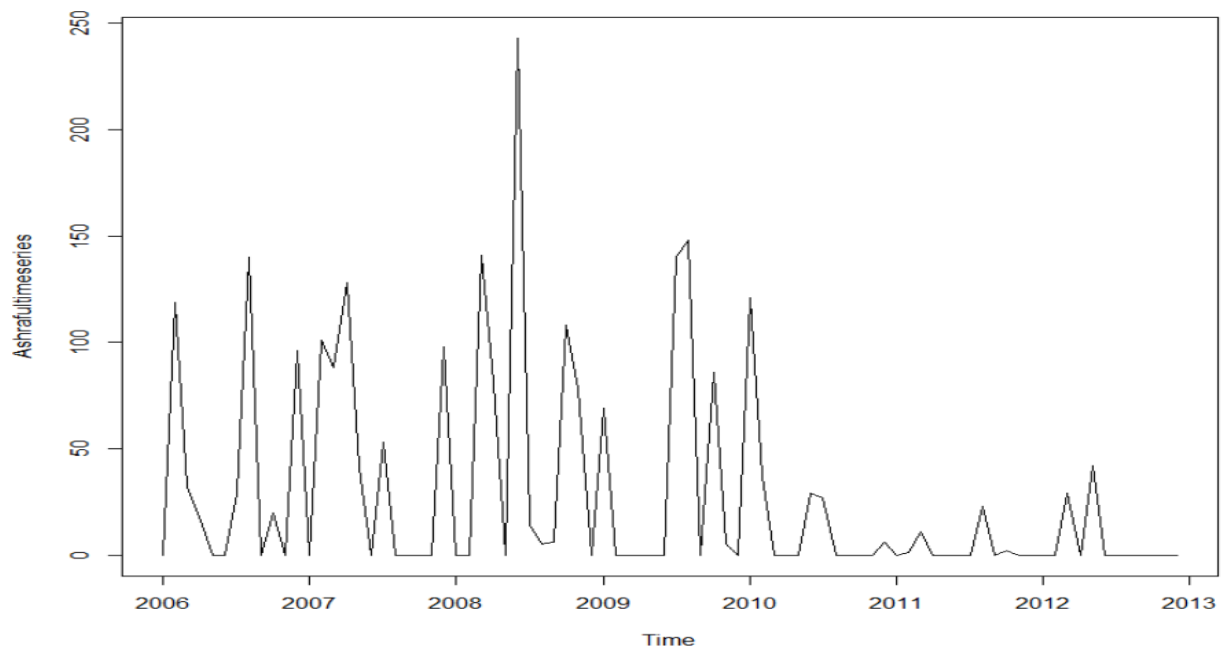
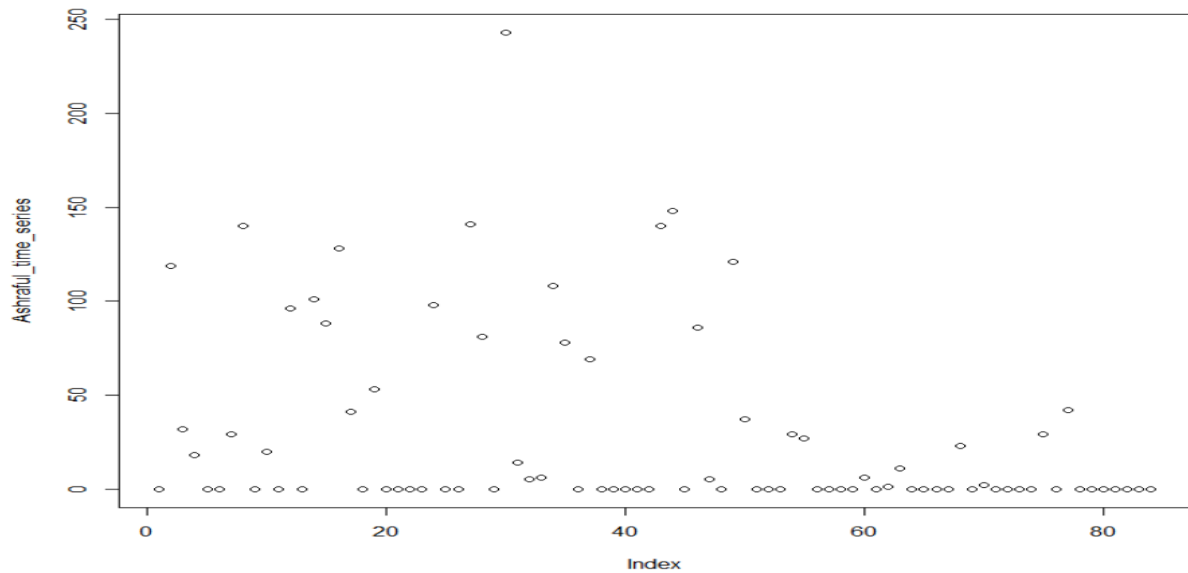
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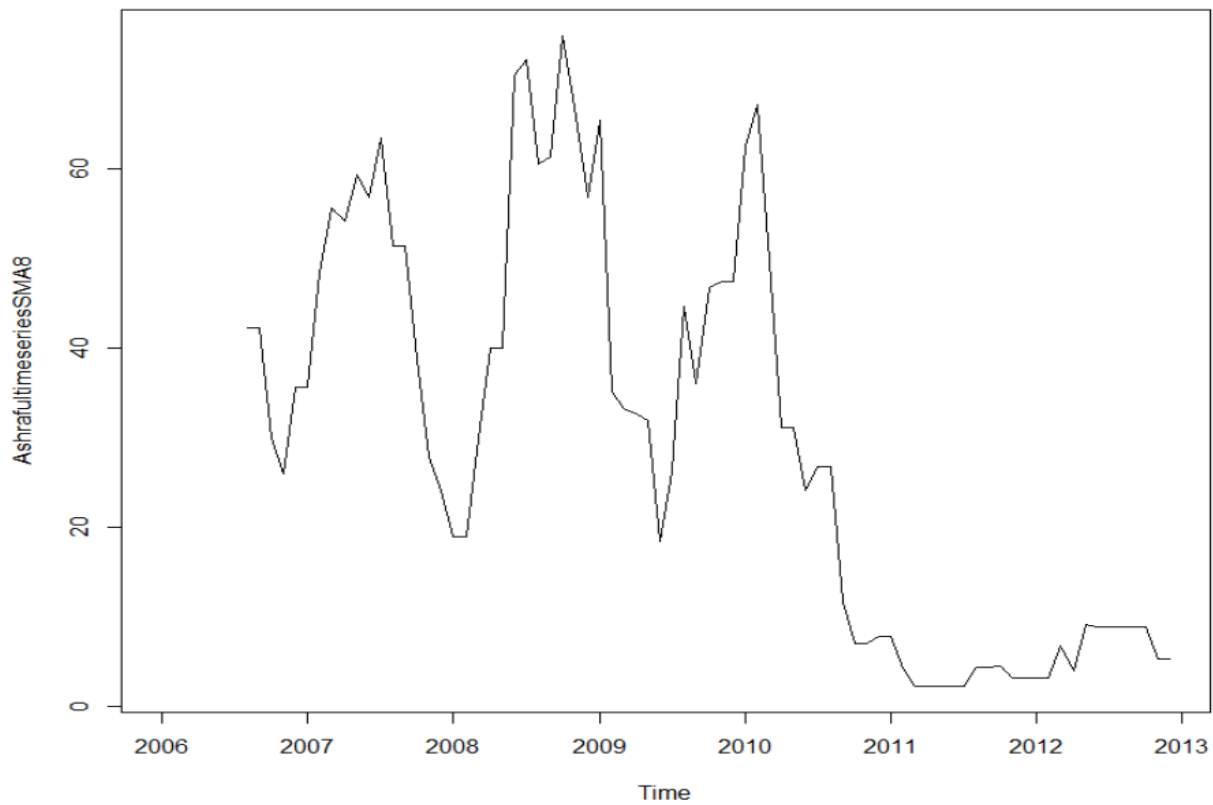
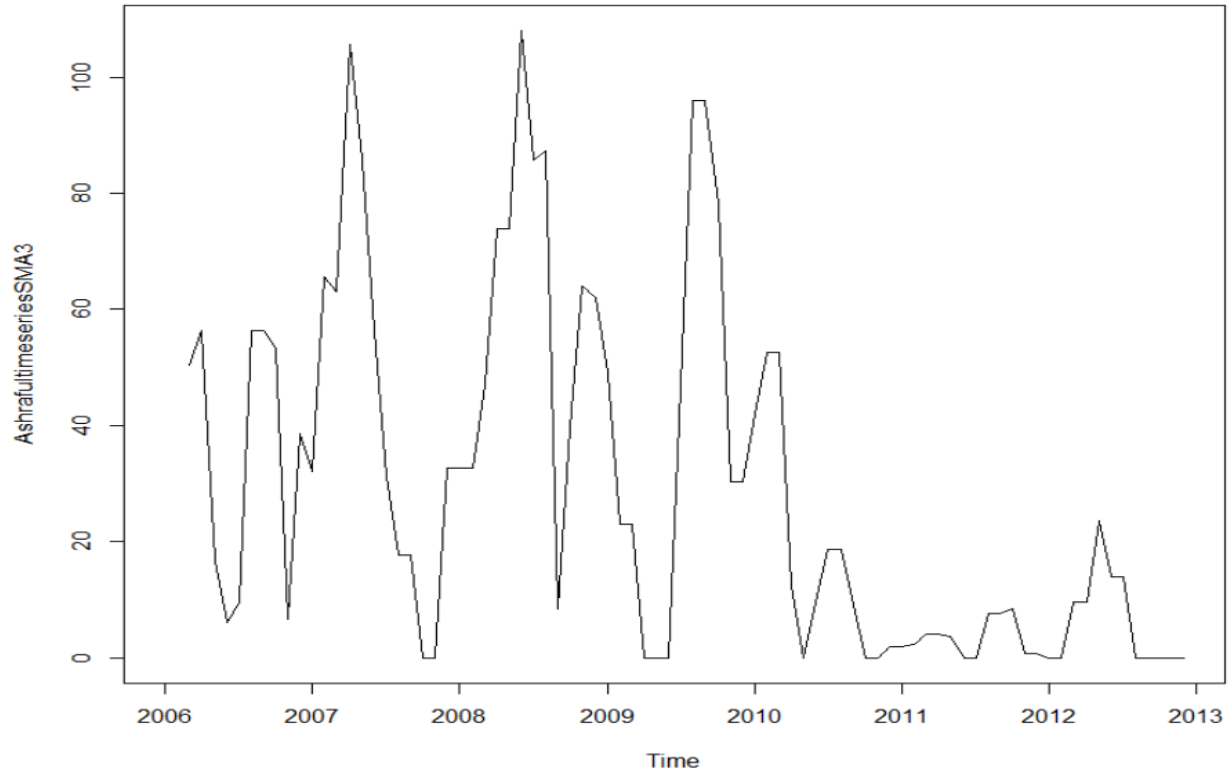
Mohammad Ashraful

Mohammad Ashraful (born 7 July 1984) is a Bangladeshi cricketer, who has represented the Bangladesh national cricket team in all formats of the game and a former captain of all formats. A top-order batsman with a penchant for flashy stroke play, he was also selected to represent the ACC Asia XI ODI side. Between 2007 and 2009, Ashraful captained his country in 13 Tests, and 38 One Day Internationals (ODIs) of which Bangladesh won eight. Ashraful has scored the fastest fifty in Test, ODI and Twenty20 international amongst all Bangladeshi cricketers.

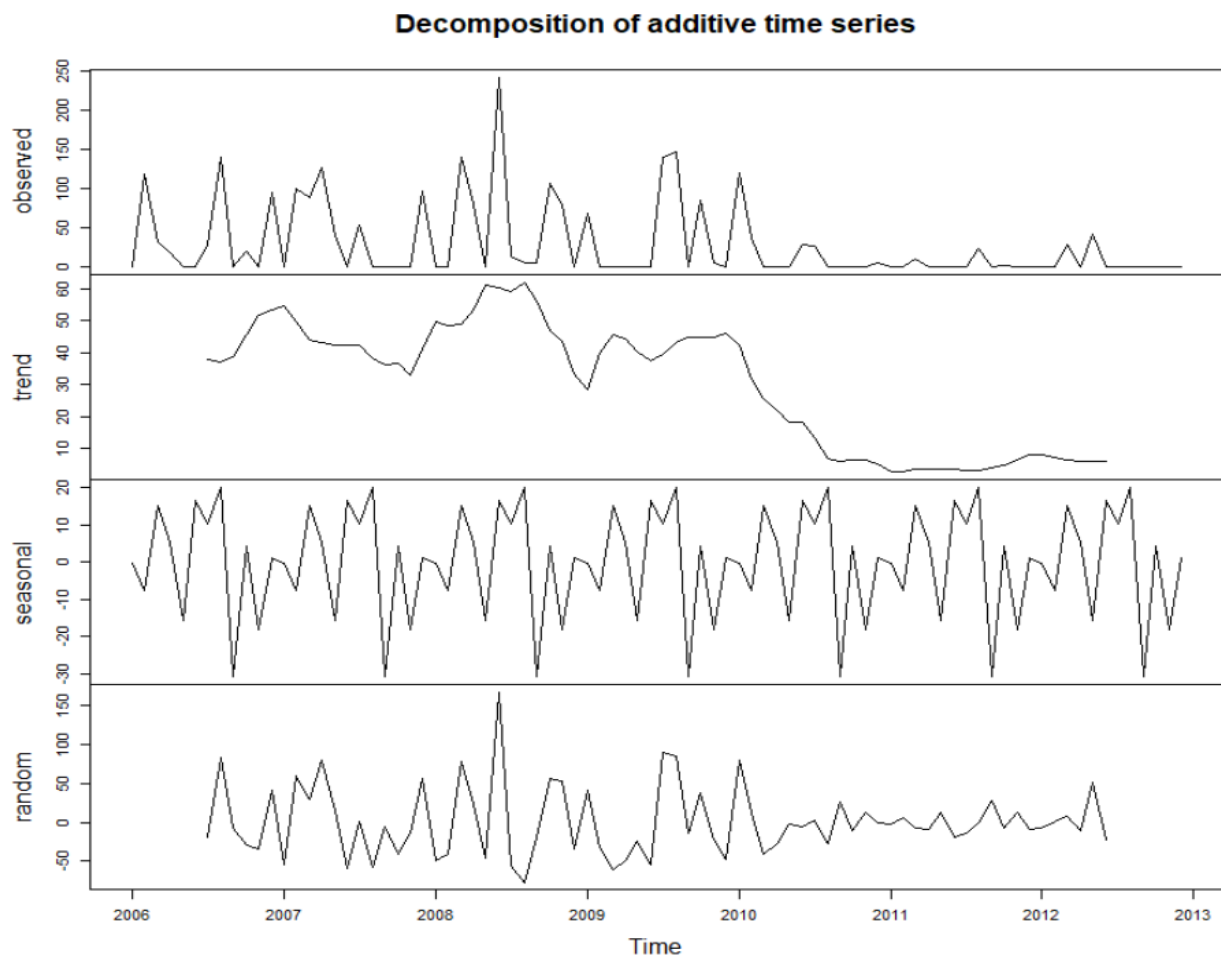
I am working with Ashraful's ODIs data for the year 2006-2012, plot the time series of the number of runs per month.



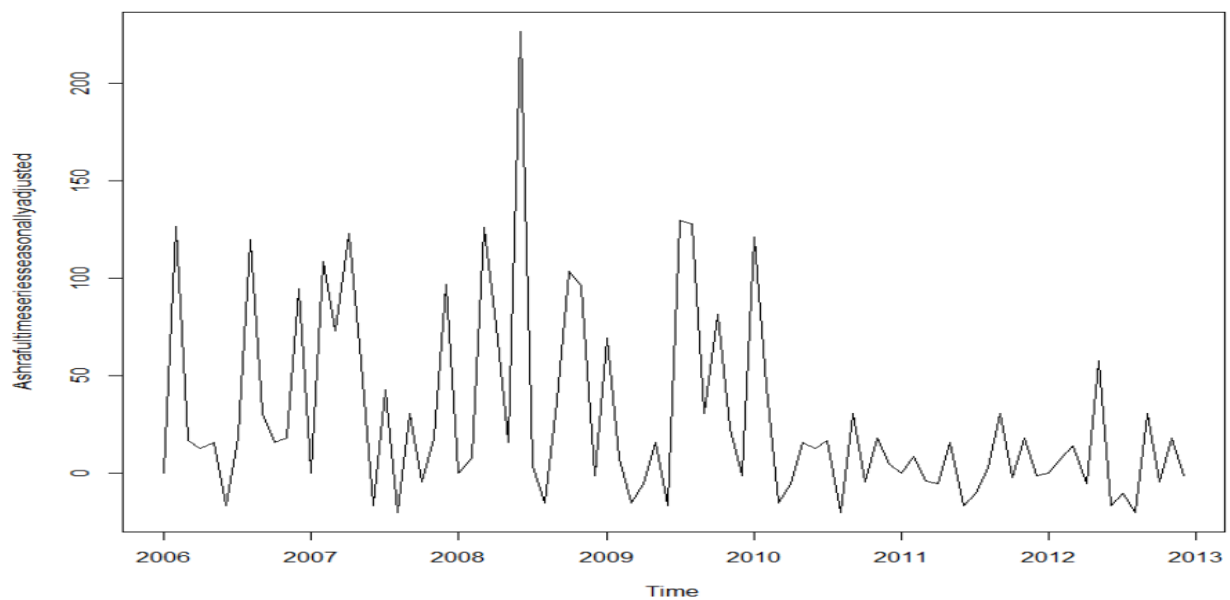
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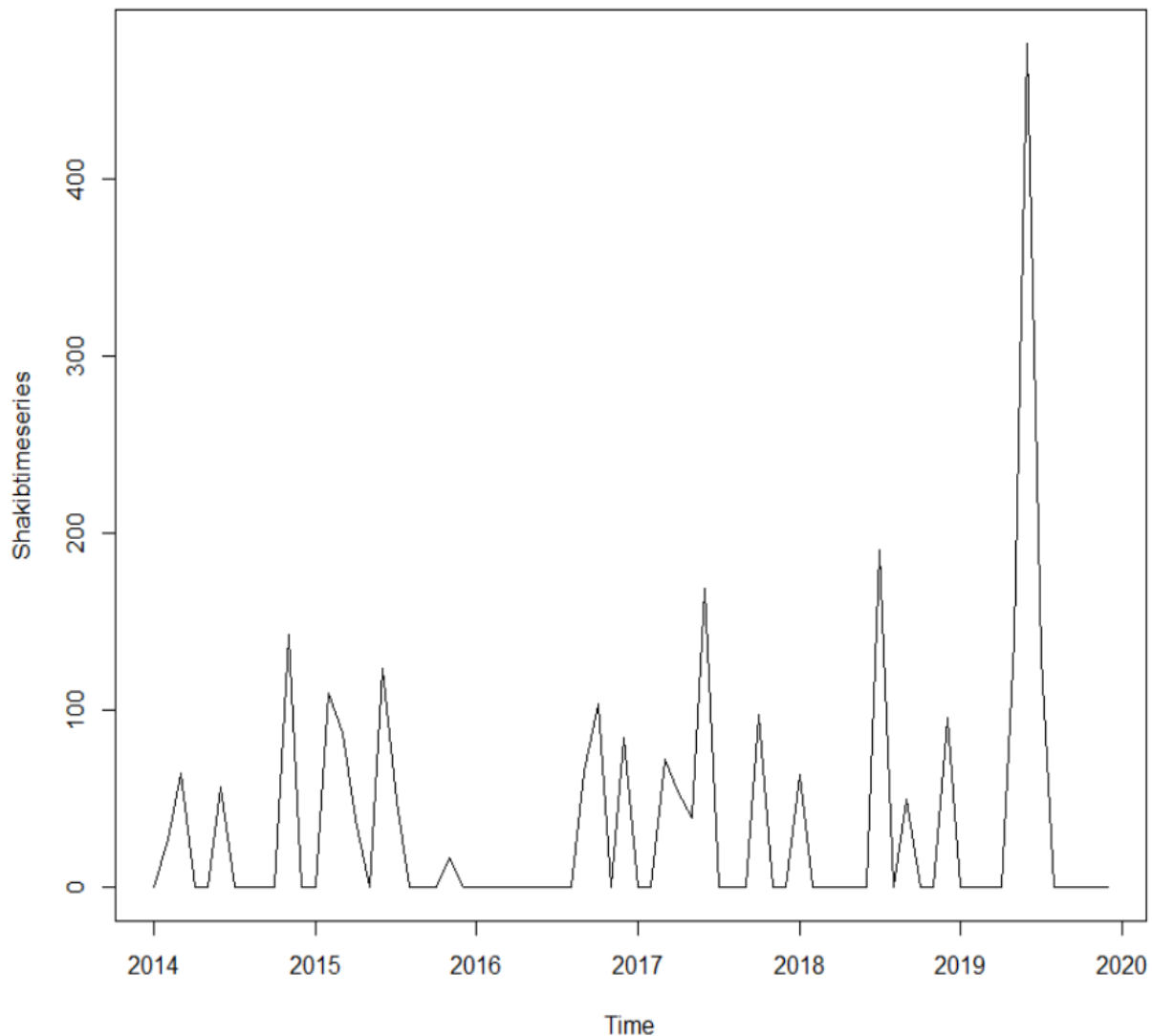
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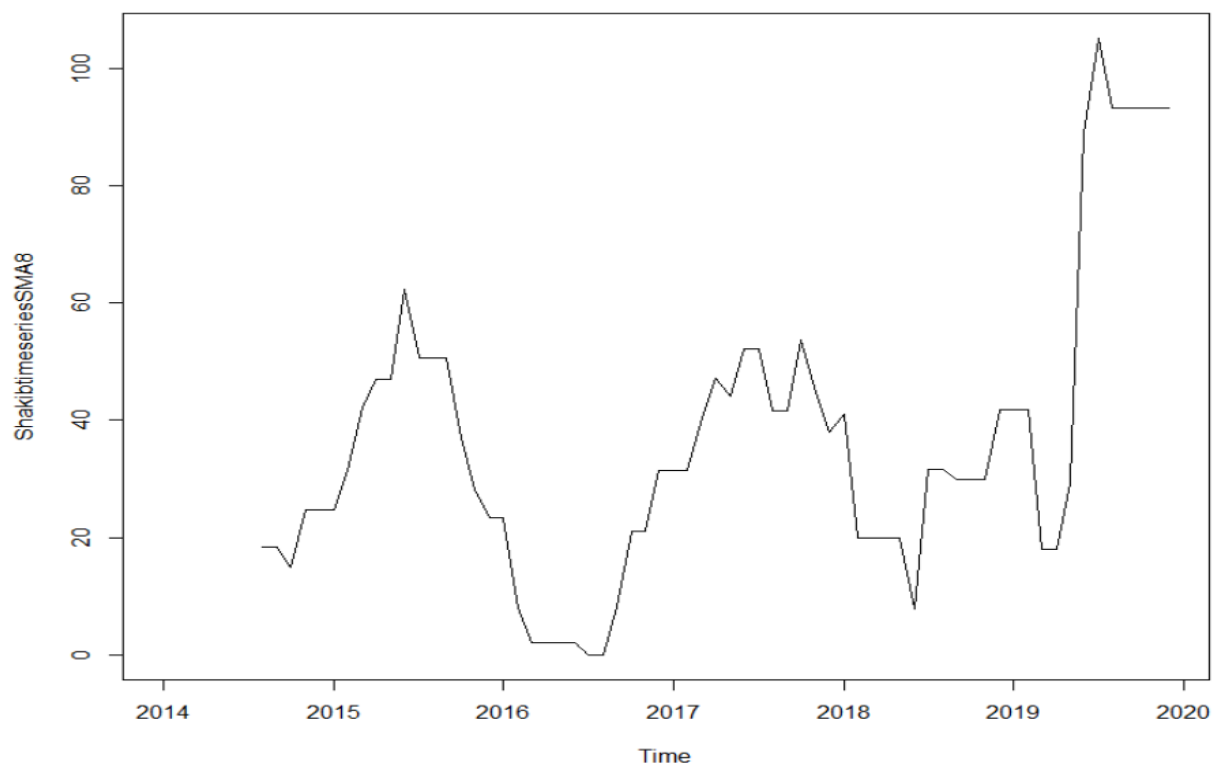
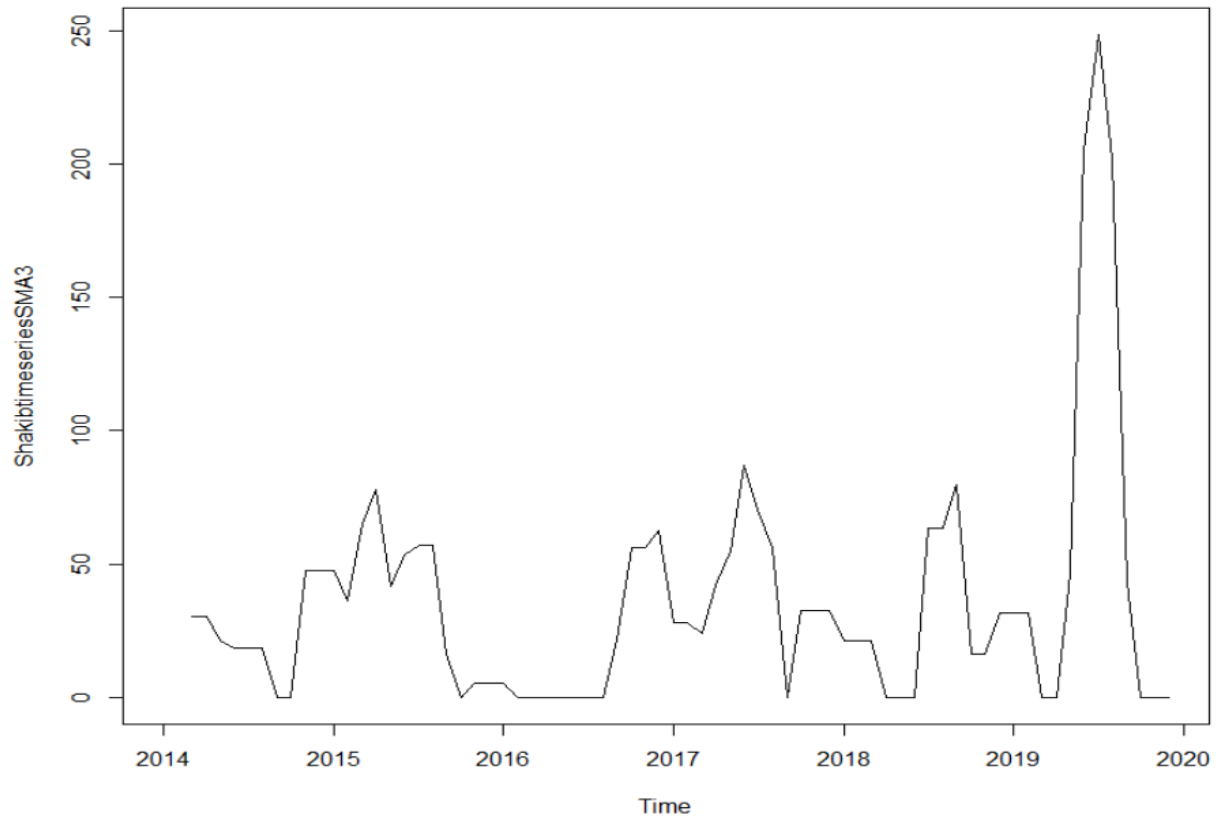
Shakib Al Hasan

Shakib Al Hasan (born 24 March 1987) is a Bangladeshi international cricketer who has played all three formats of the game. Internationally, Shakib has been recognized as one of the greatest all-rounders of all time. He was ranked as one of the world's most famous athletes by ESPN WORLD FAME 100 in 2019. His aggressive left-handed batting style in the middle order, controlled slow left-arm orthodox bowling, and athletic fielding has helped him win trophies in top leagues across the world. He is the highest run scorer as well as the highest wicket taker for Bangladesh in ICC ODI World Cups. He is also the only cricketer to score 1000 runs and to take 30 wickets in World Cup.

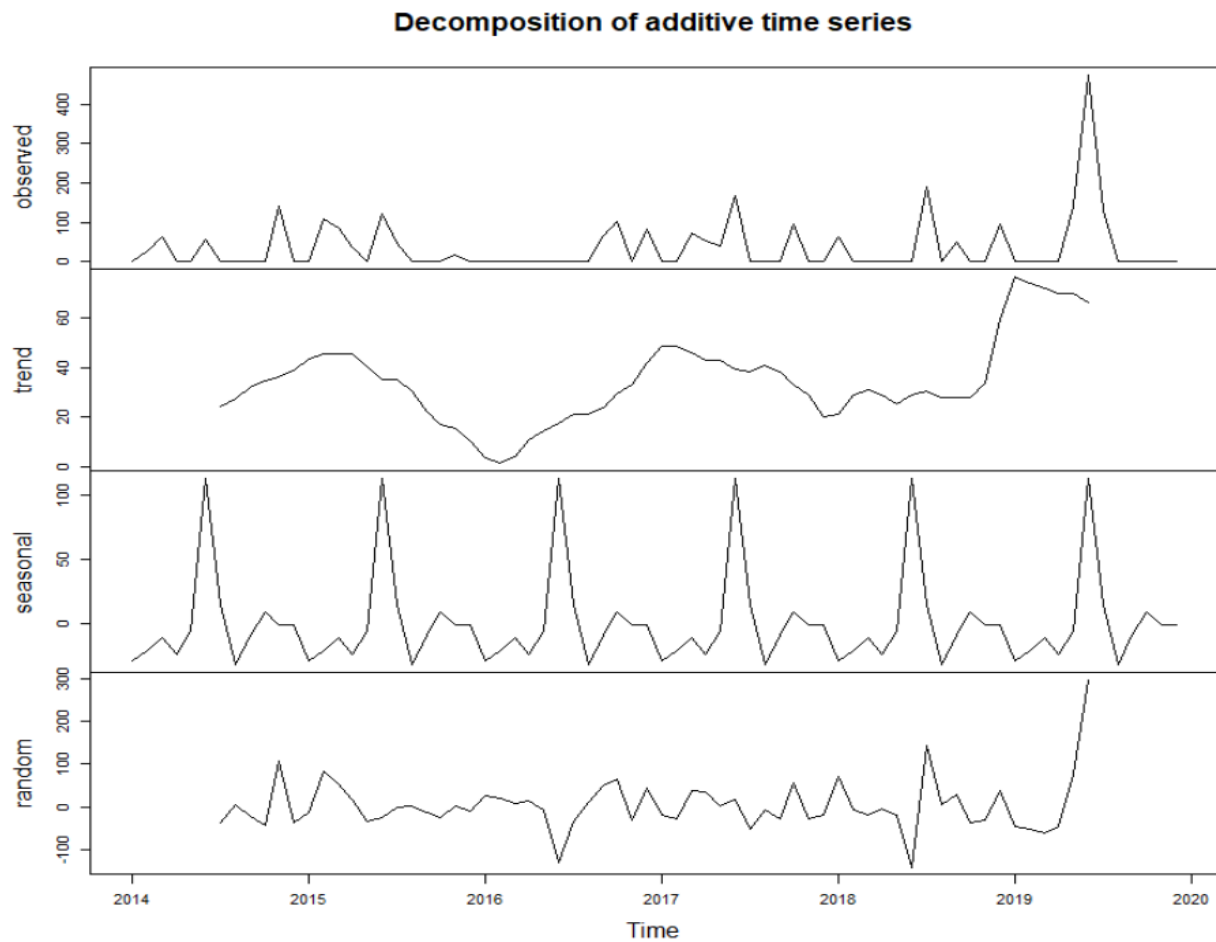
I am working with Shakib's ODIs data for the year 2014-2019, plot the time series of the number of runs per month.



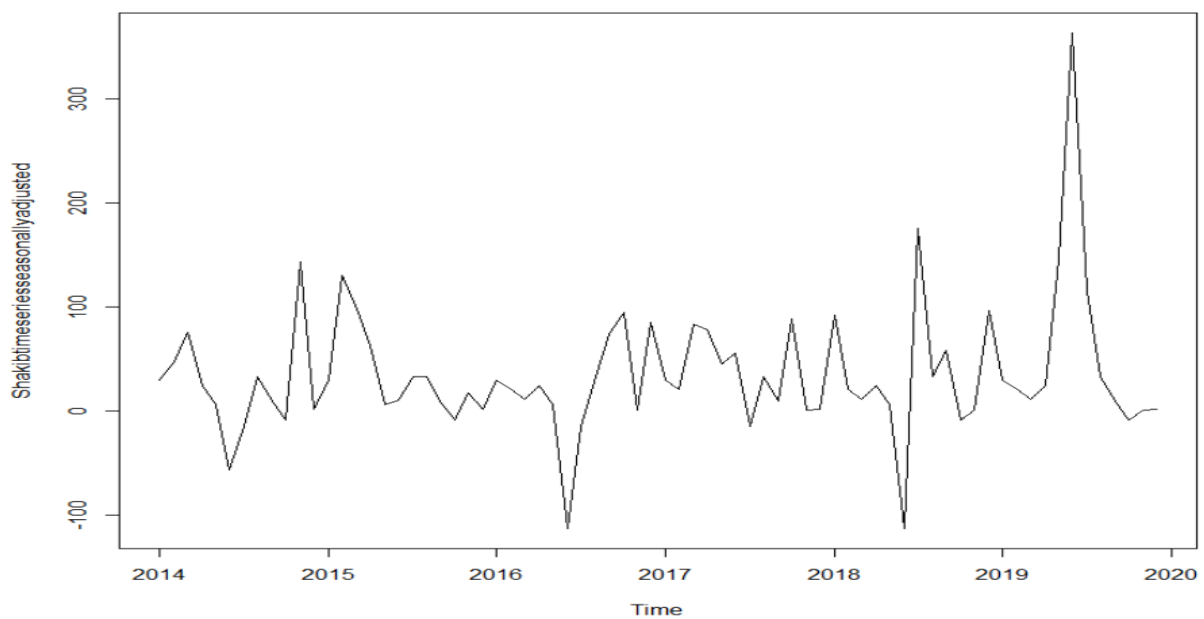
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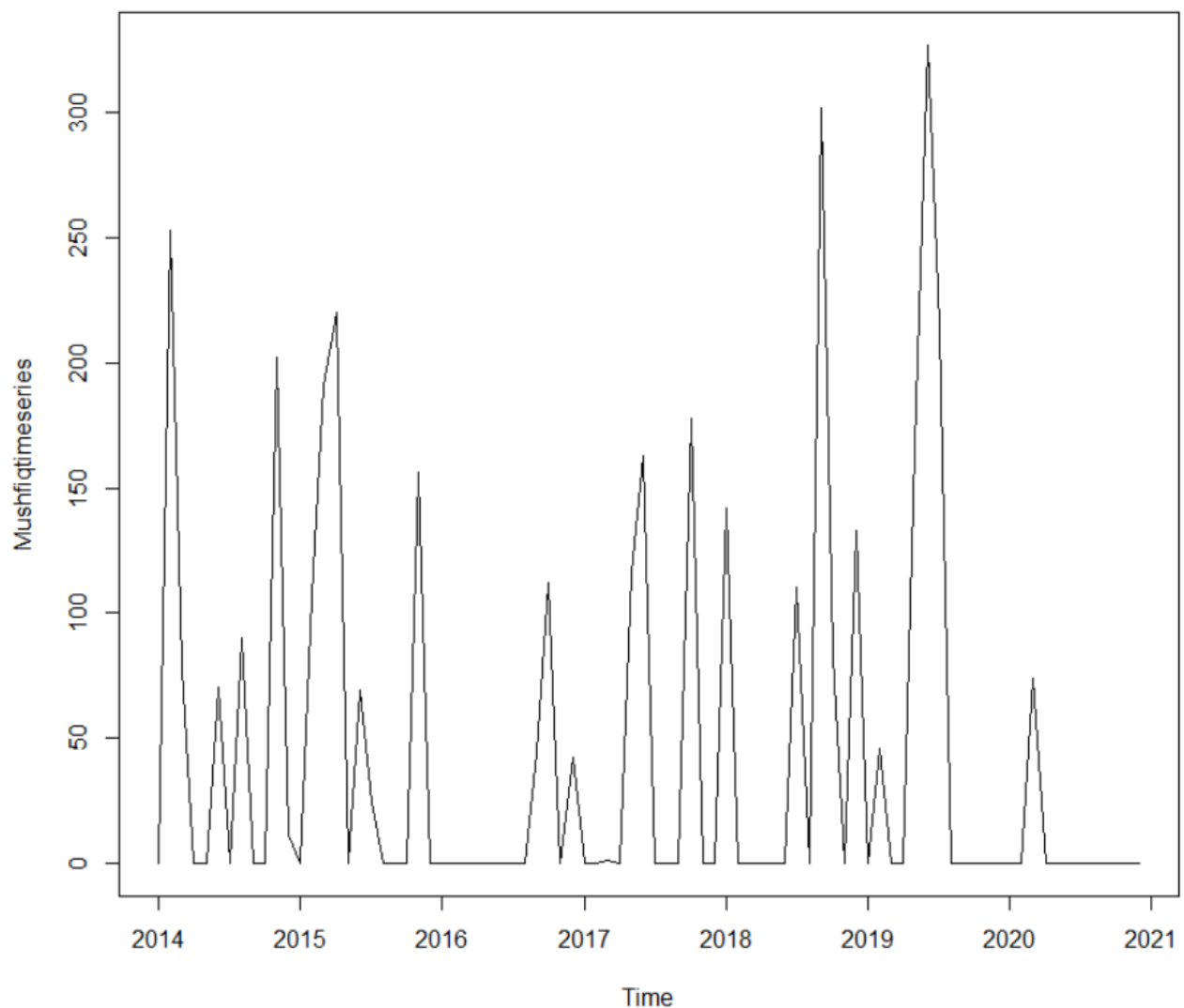
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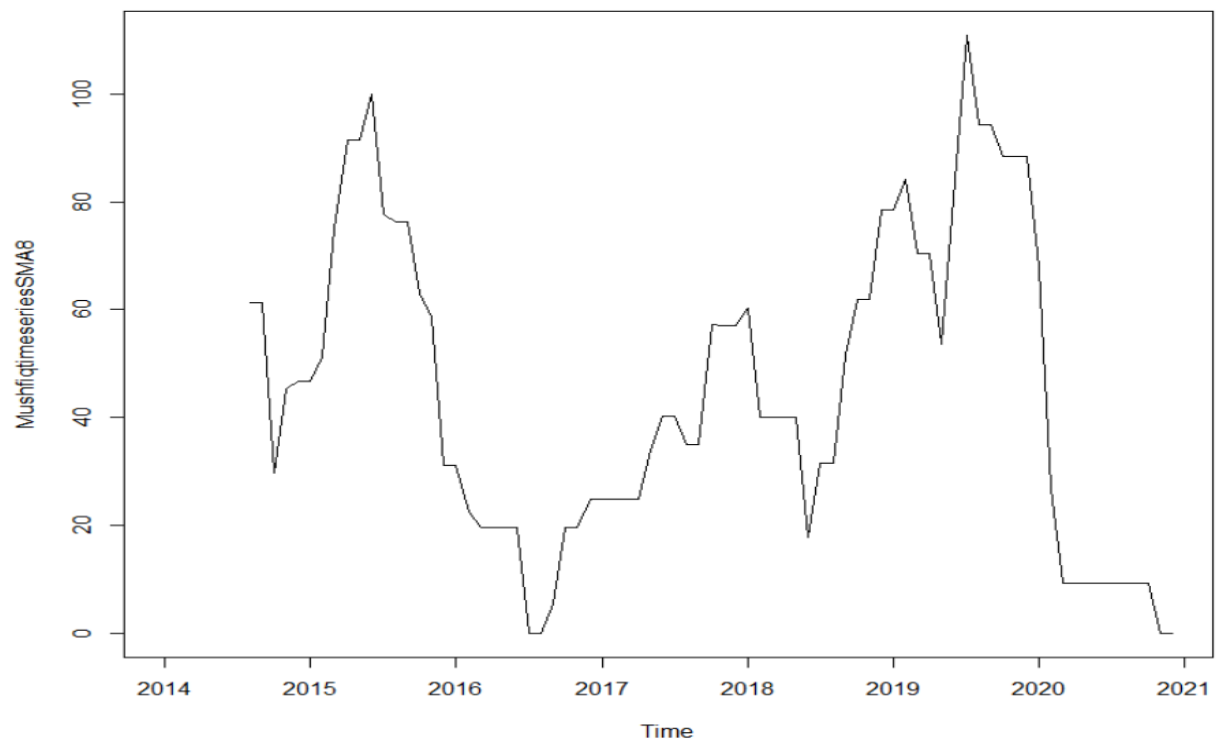
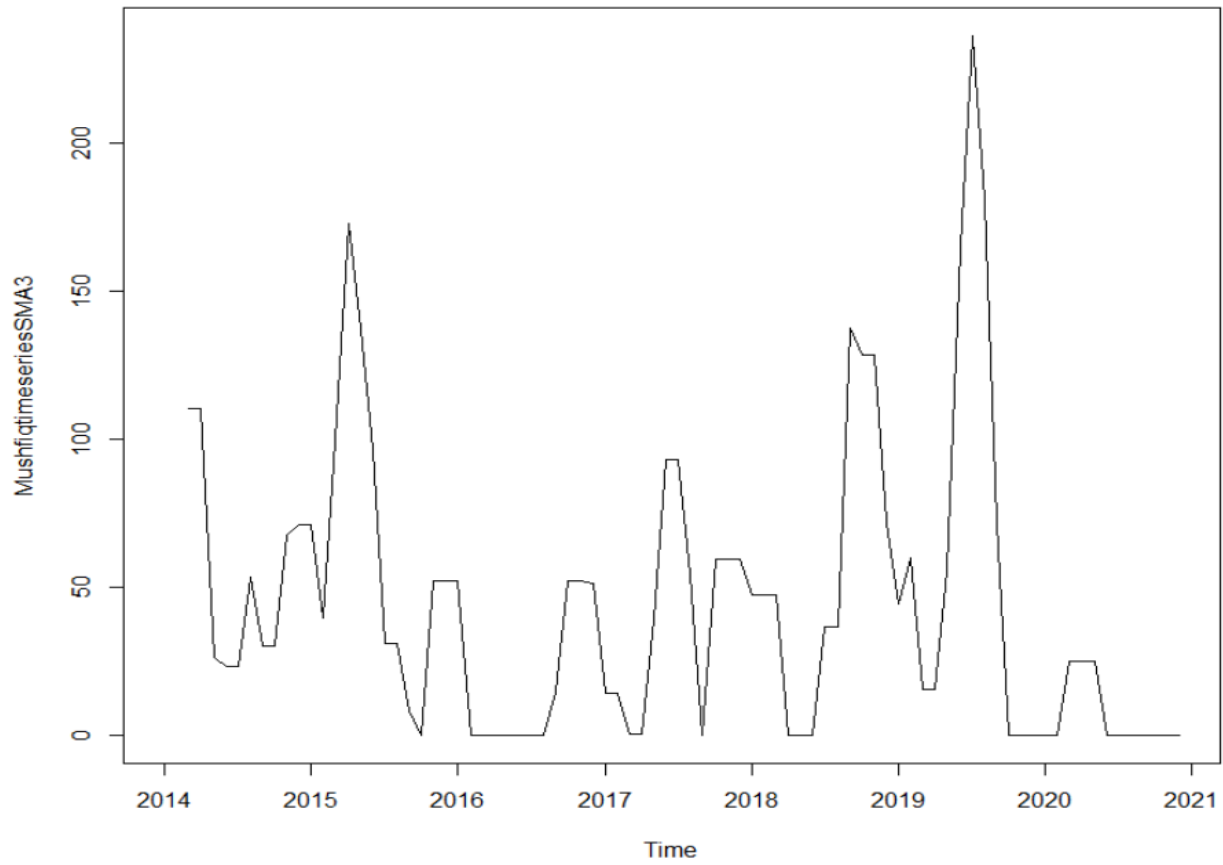
Mushfiqur Rahim

Mushfiqur Rahim (born 9 June 1987) is a Bangladeshi cricketer and the former captain of the Bangladesh national cricket team. Between August 2009 and December 2010 Rahim served as Bangladesh's vice-captain, across all formats. He was ranked as one of the world's most famous athletes by ESPN "WORLD FAME 100" in 2019.[1][2] At domestic level he represents Rajshahi Division and captains Sylhet Super Stars. According to Jamie Siddons in 2010, the former coach of Bangladesh, Rahim's batting is so versatile that he can bat anywhere in the top order, from one to six.

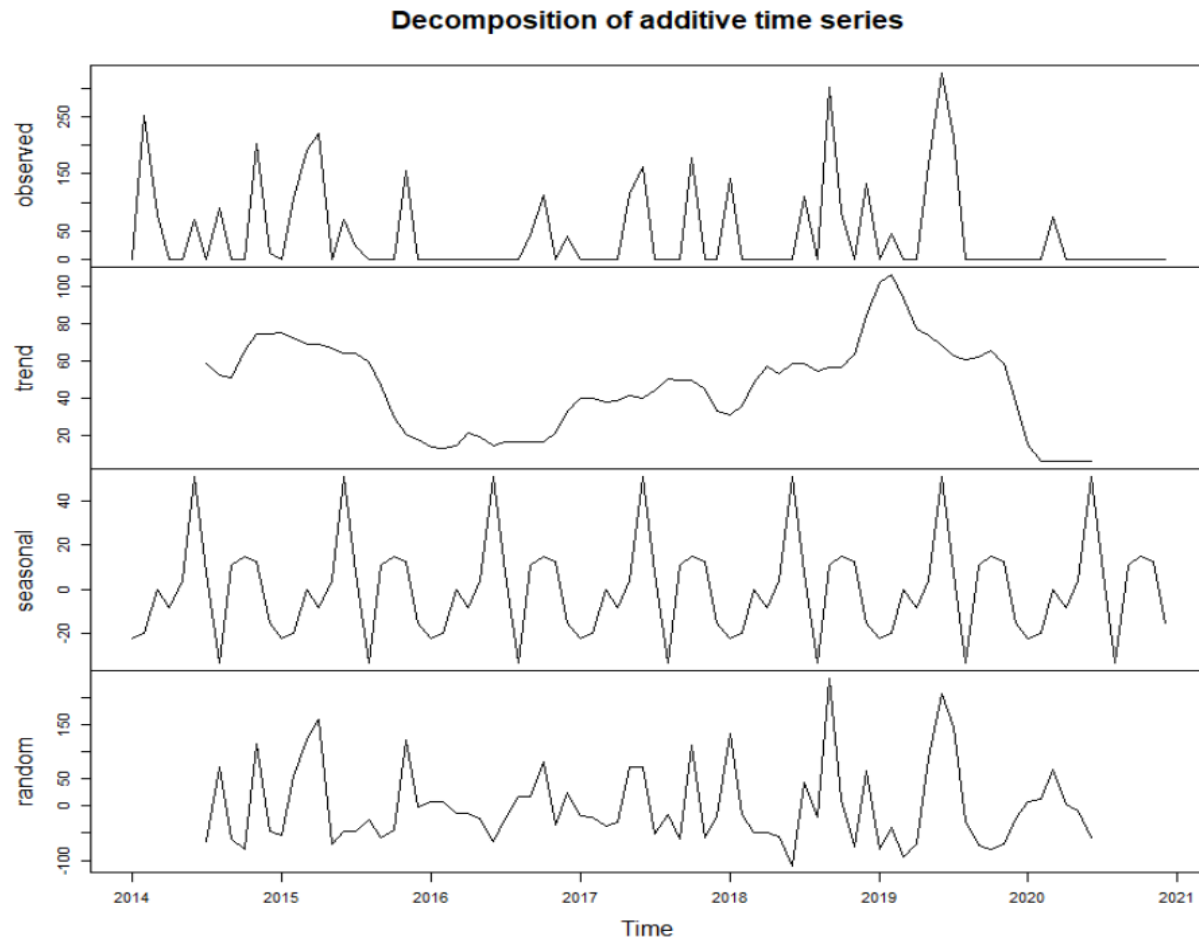
I am working with Mushfiqur's ODIs data for the year 2014-2020, plot the time series of the number of runs per month.



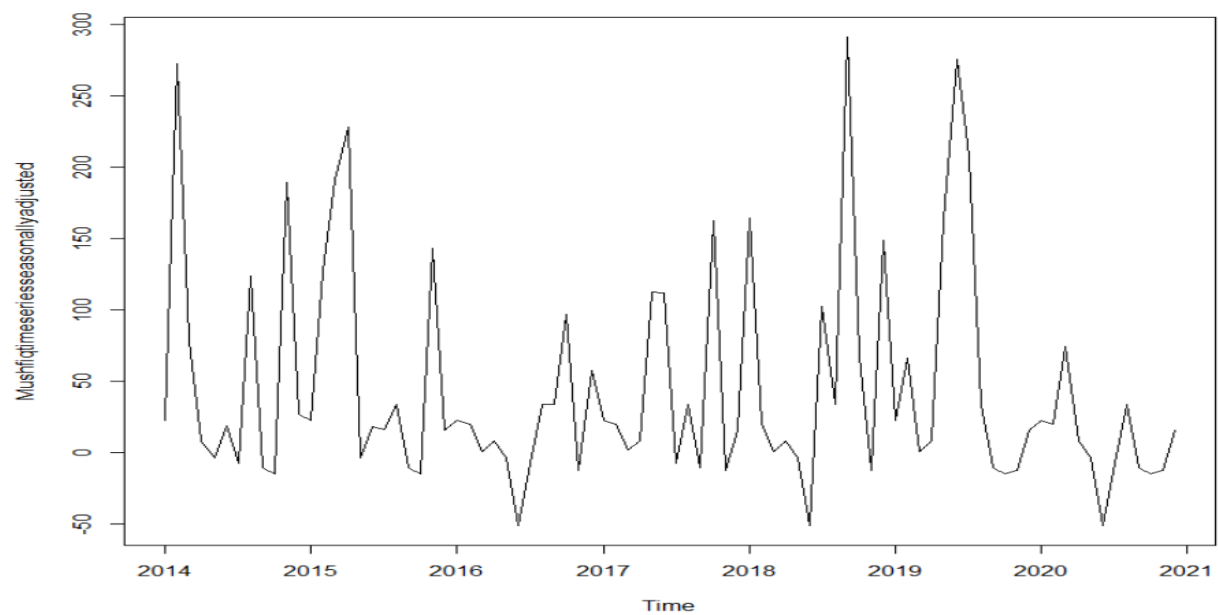
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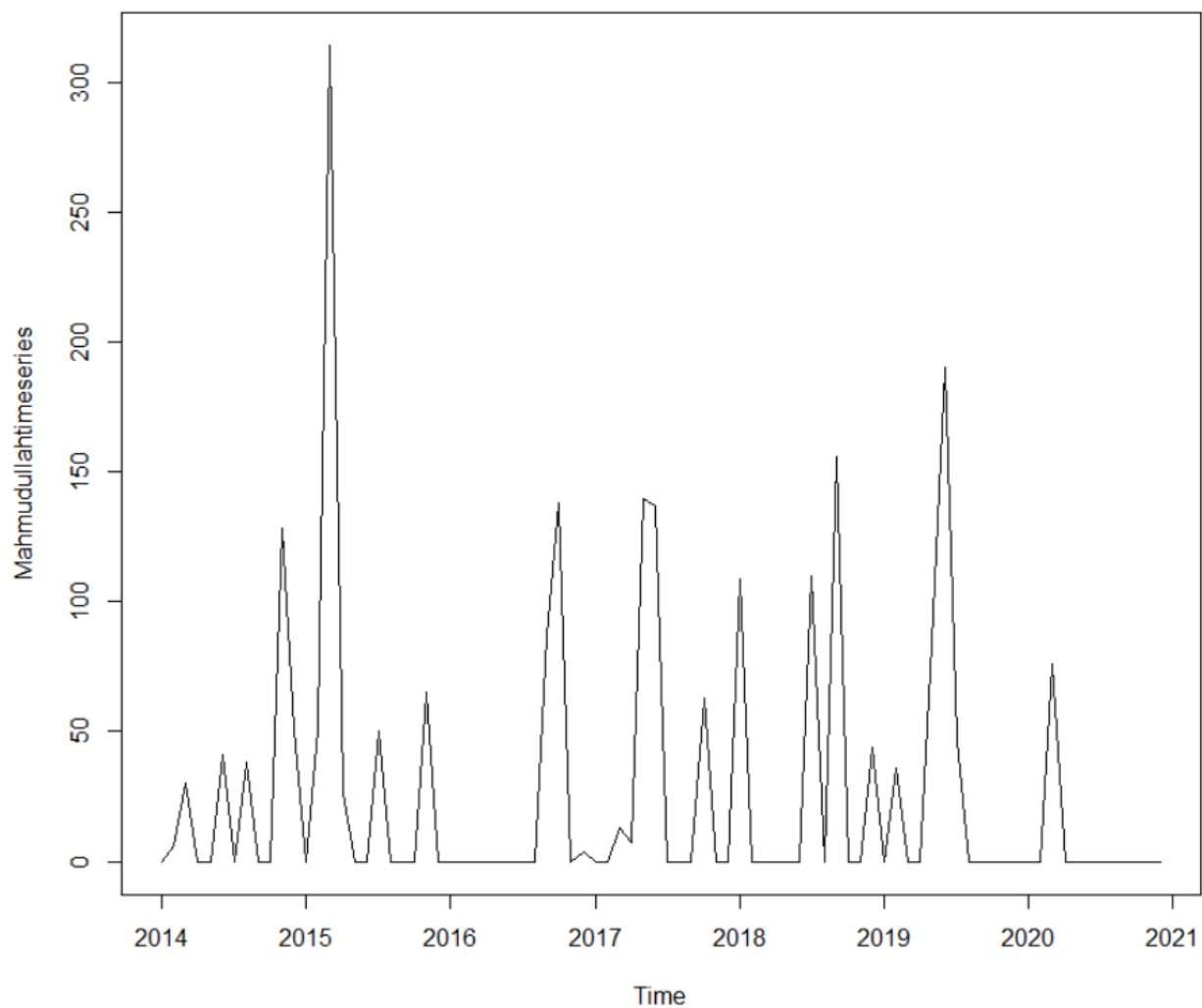
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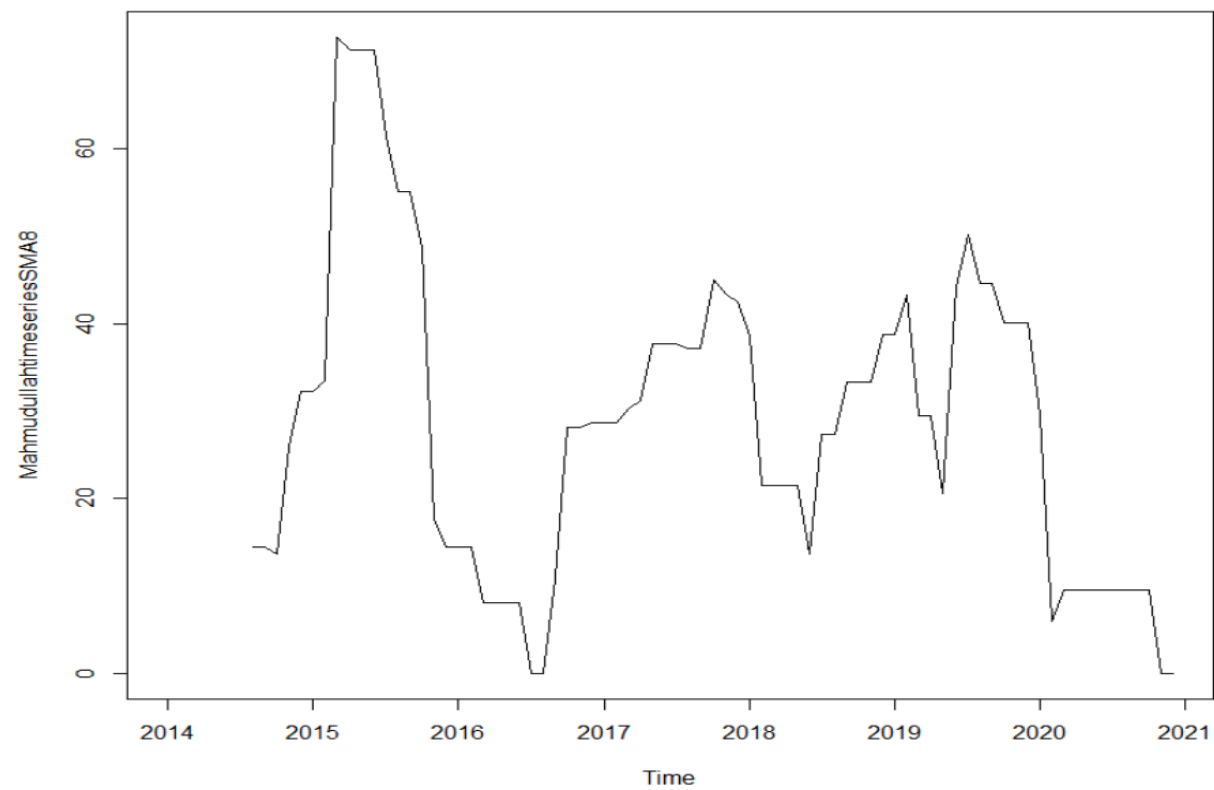
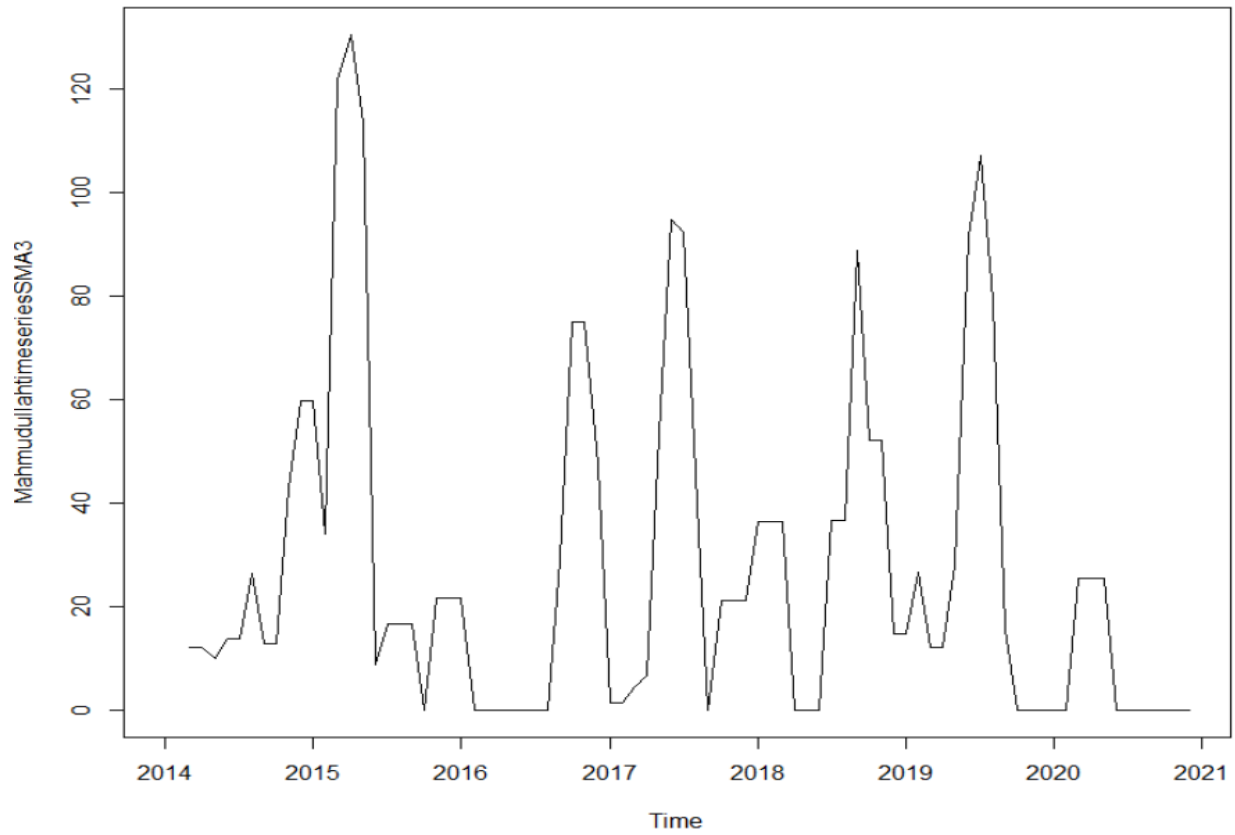
Mahmudullah Riyad

Mahmudullah Riyad (born 4 February 1986), often known simply as Mahmudullah, is a Bangladeshi cricketer and the current T20I captain. He has played First-class and List A cricket for Dhaka Division and has represented Bangladesh in all forms of the game. An all-rounder, he is a lower or middle-order batsman as well as an off spin bowler. He is prominent for his ability to finish a close limited over game. He is the first Bangladeshi to score a World Cup hundred. In the 2008/09 Bangladeshi domestic season Mahmudullah finished as the second-highest run-scorer in the competition with 710 runs at an average of 54.61 and was subsequently recalled to the ODI squad to face Zimbabwe in three ODIs and a tri-series with Sri Lanka and Zimbabwe.[6] Mahmudullah made his Test debut on 9 July 2009 against the West Indies. He performed poorly with the bat, but obtained the best test bowling figures in a match by a Bangladeshi on debut, with an eight-wicket haul, including a five wicket haul in the second innings.[7] This played a major role in Bangladesh's second Test win, and the first on foreign soil. He is now a regular member in the squad.

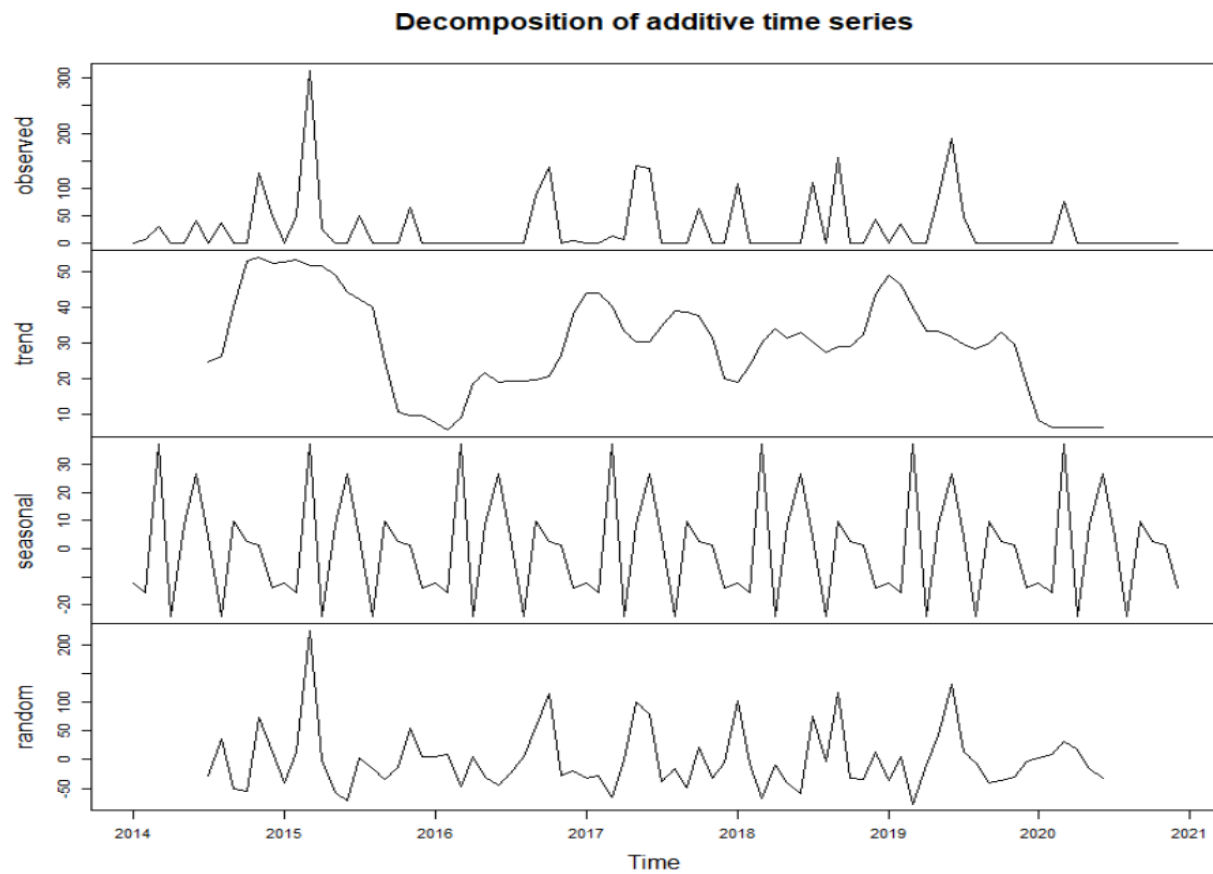
I am working with Mahmudullah's ODIs data for the year 2014-2020, plot the time series of the number of runs per month.



Decomposing Non-Seasonal Data:



Decomposing Seasonal Data:



Seasonally Adjusting:

