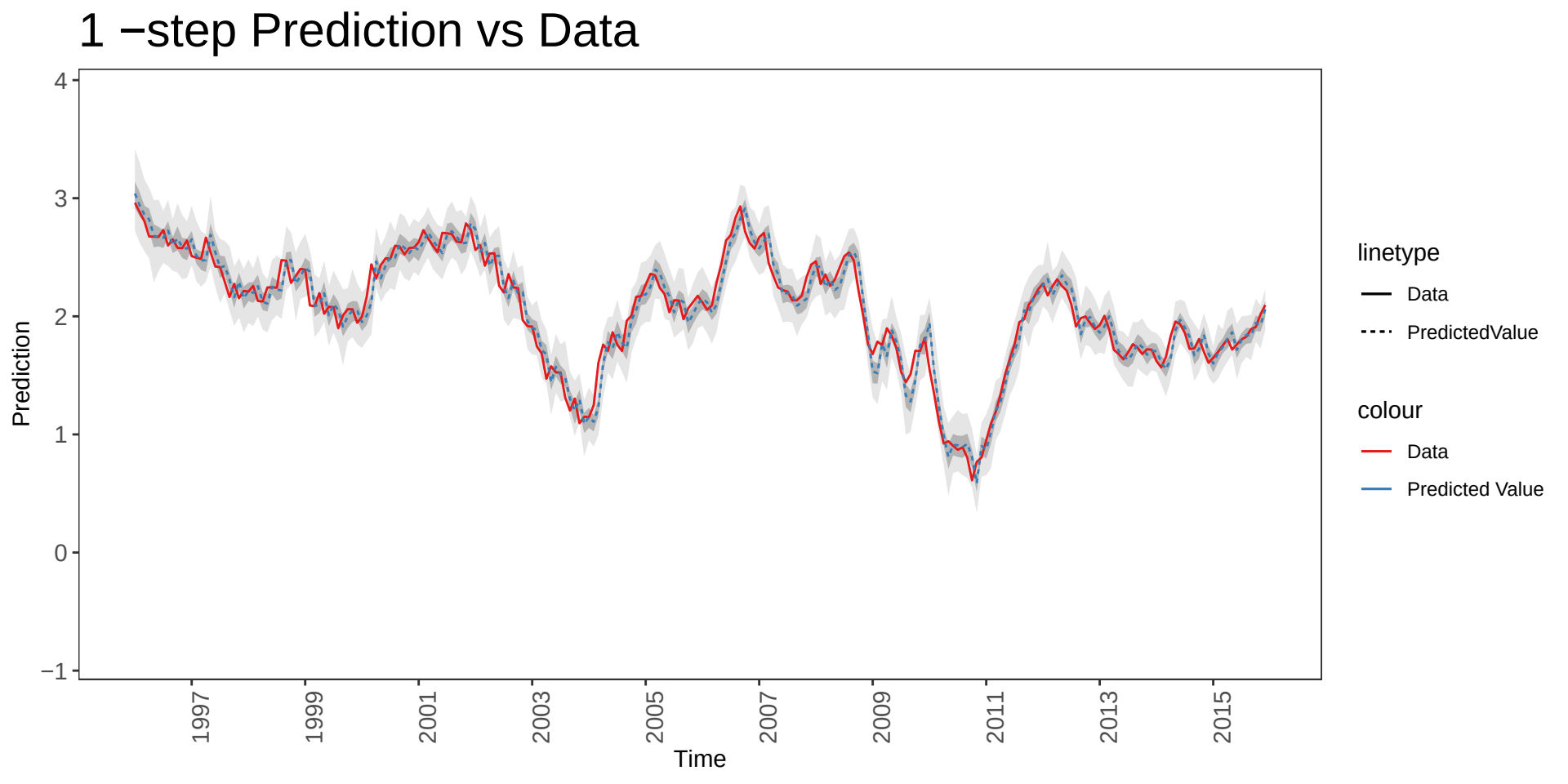
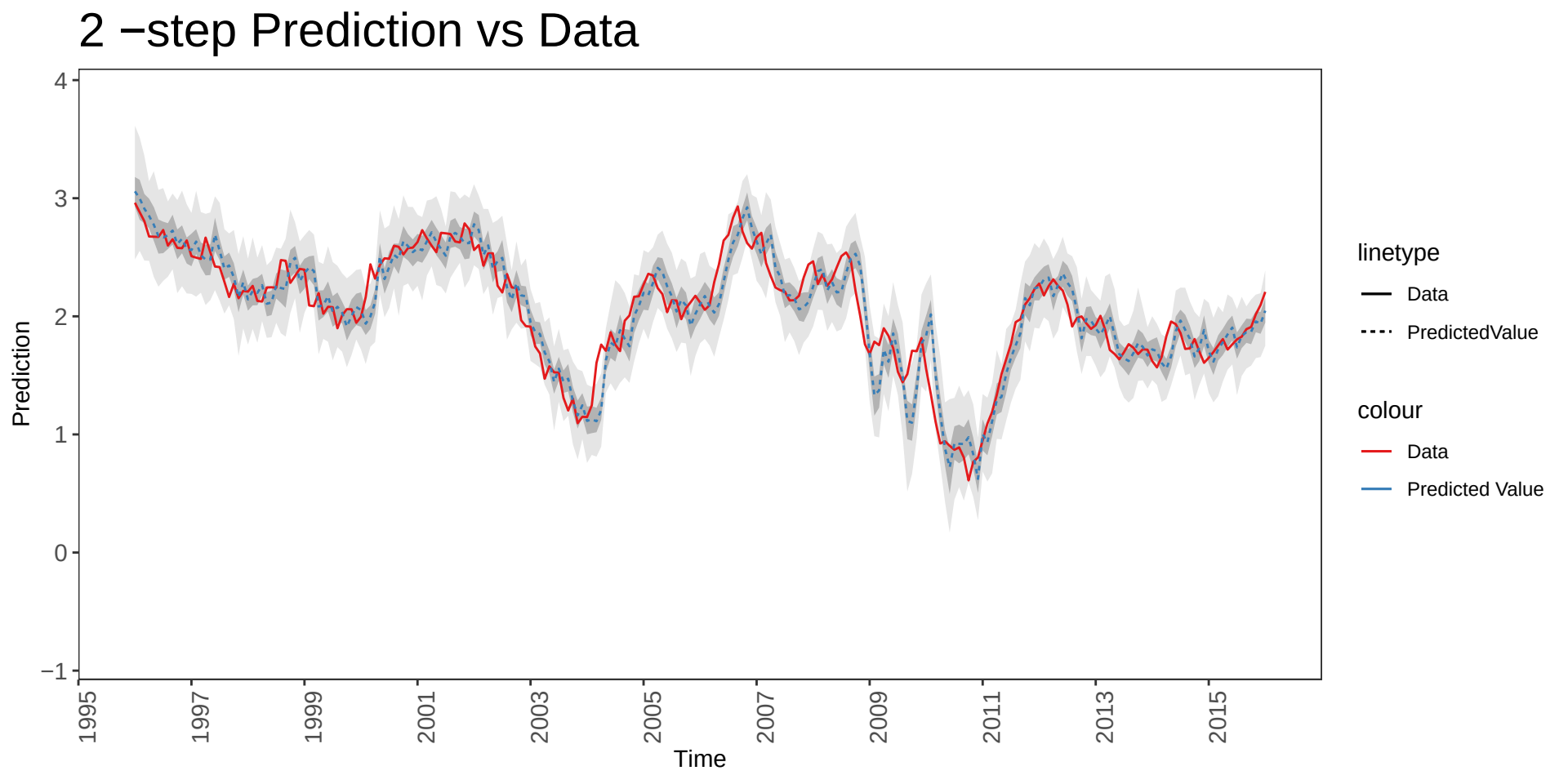

1 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


2 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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1997
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2001
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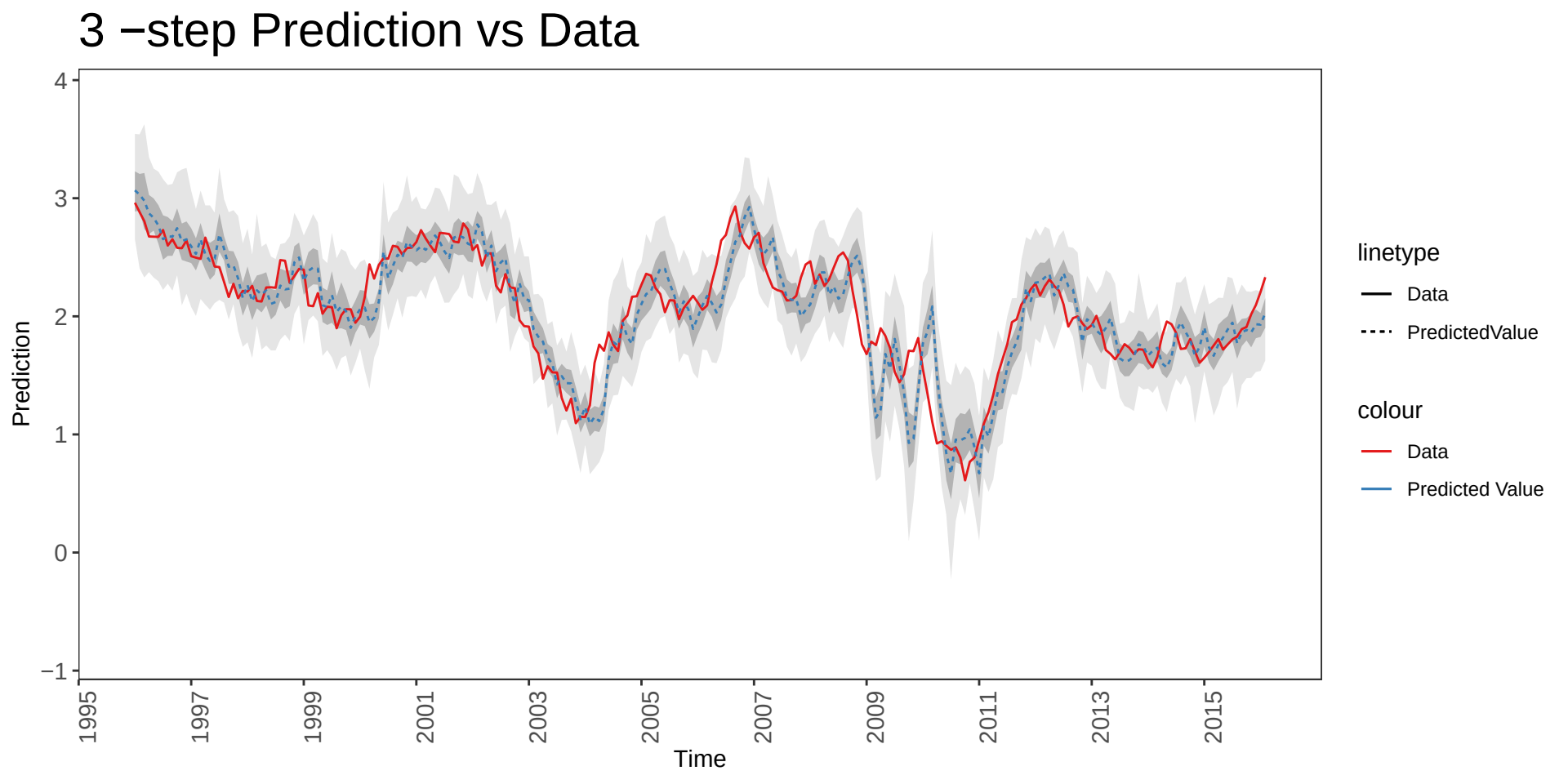
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


3 −step Prediction vs Data
Prediction
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3
2
1
0
−1
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1997
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2001
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2005
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2009
2011
2013
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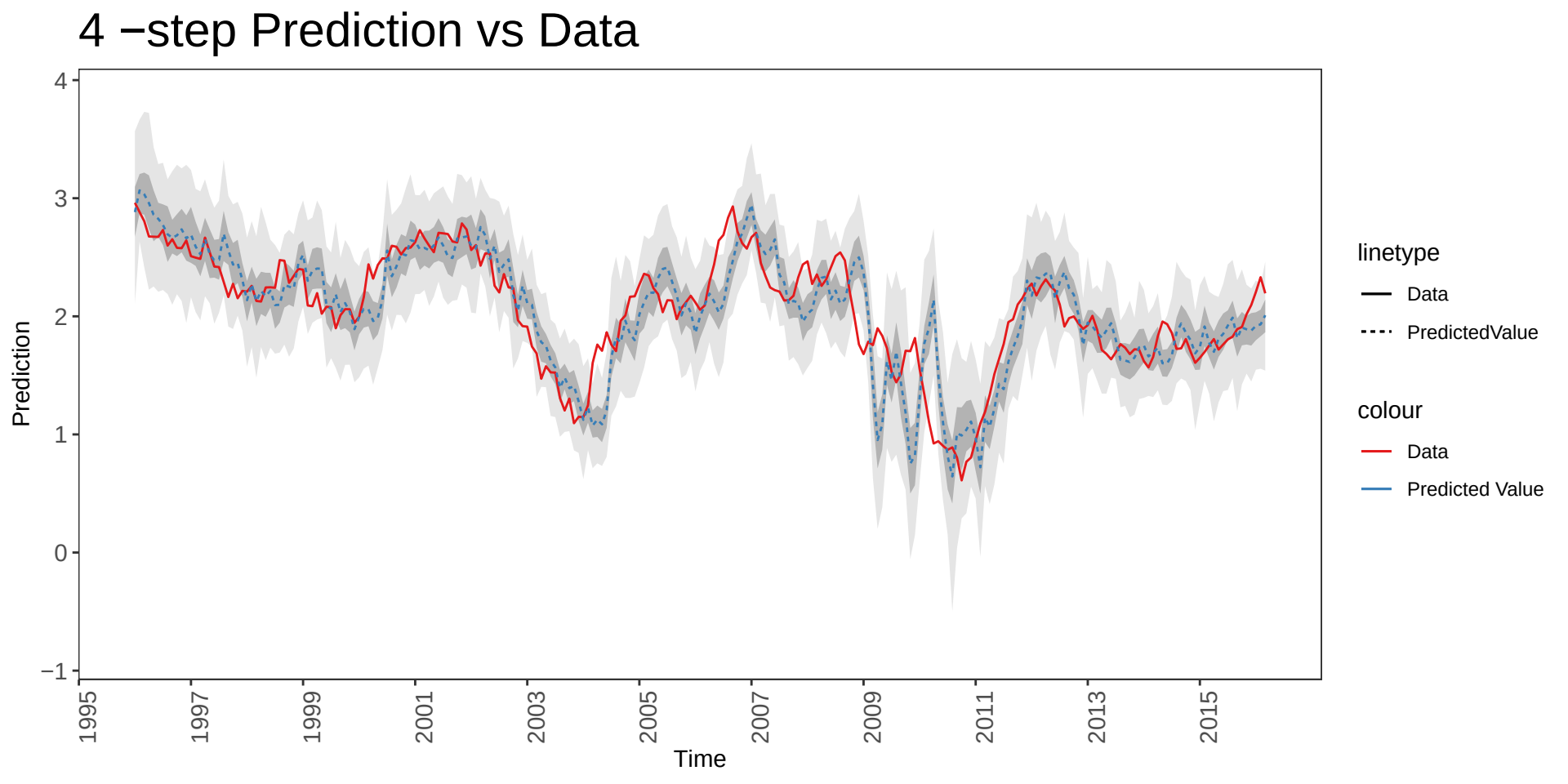
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


4 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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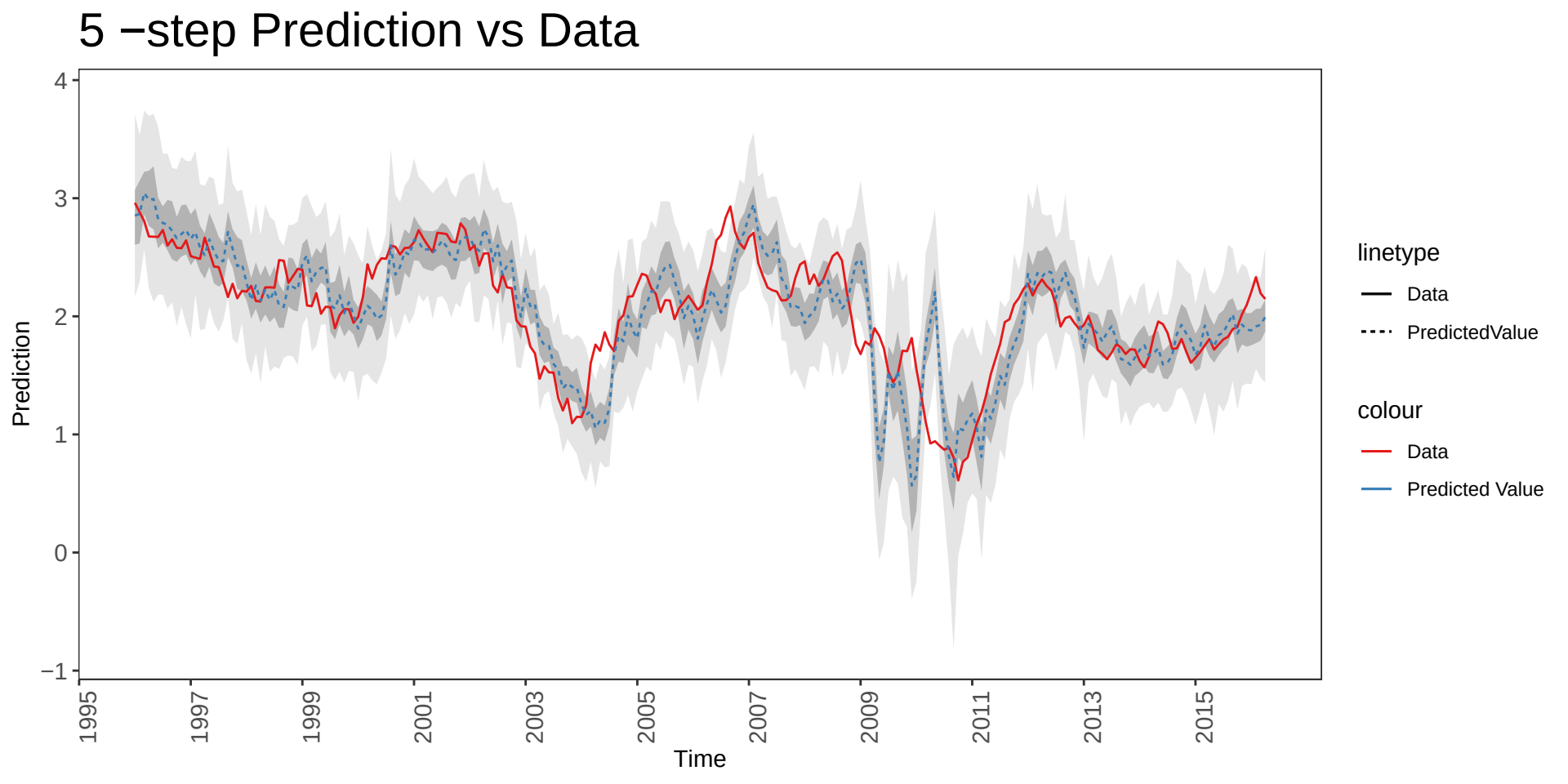
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


5 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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1997
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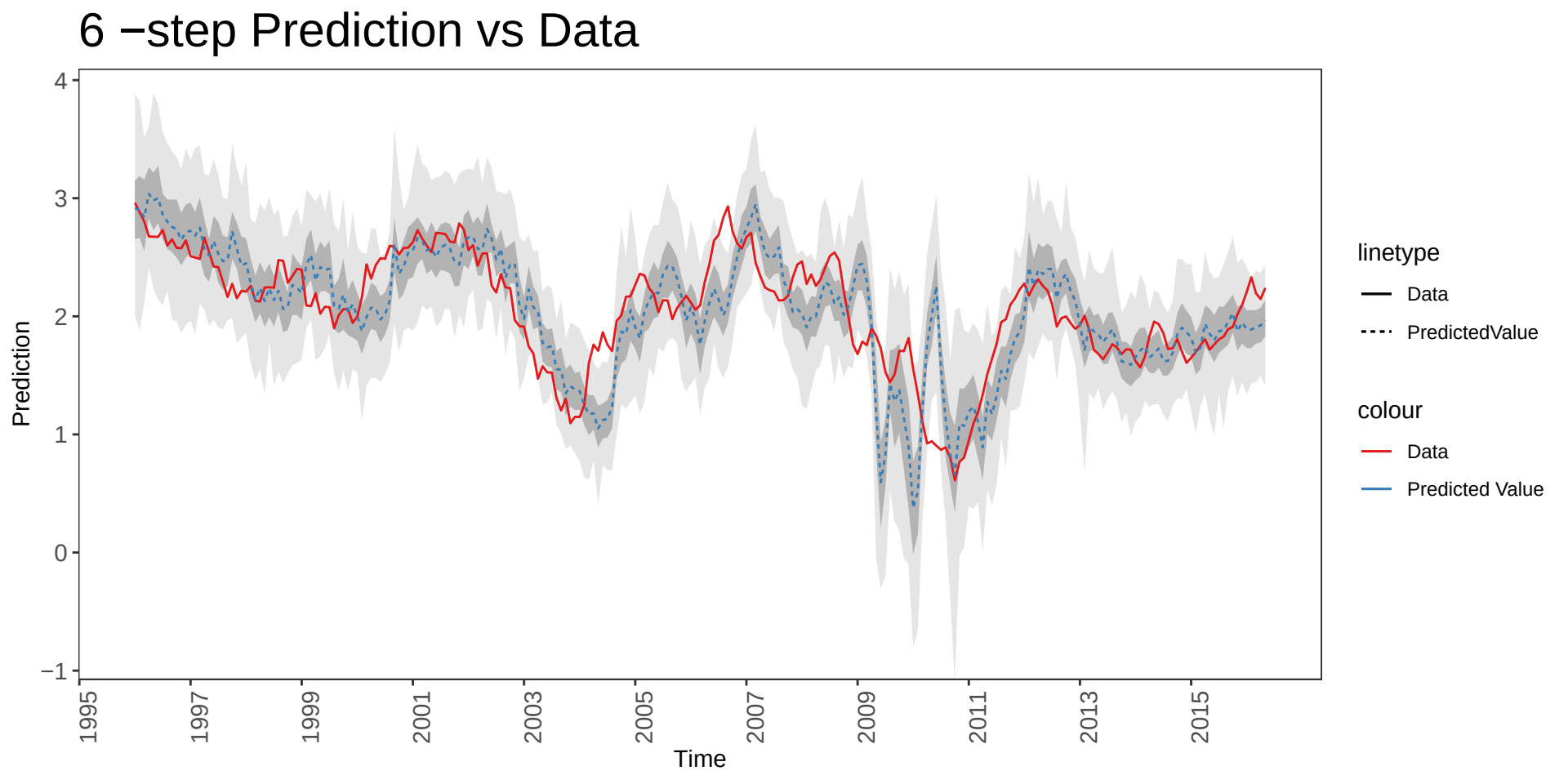
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


6 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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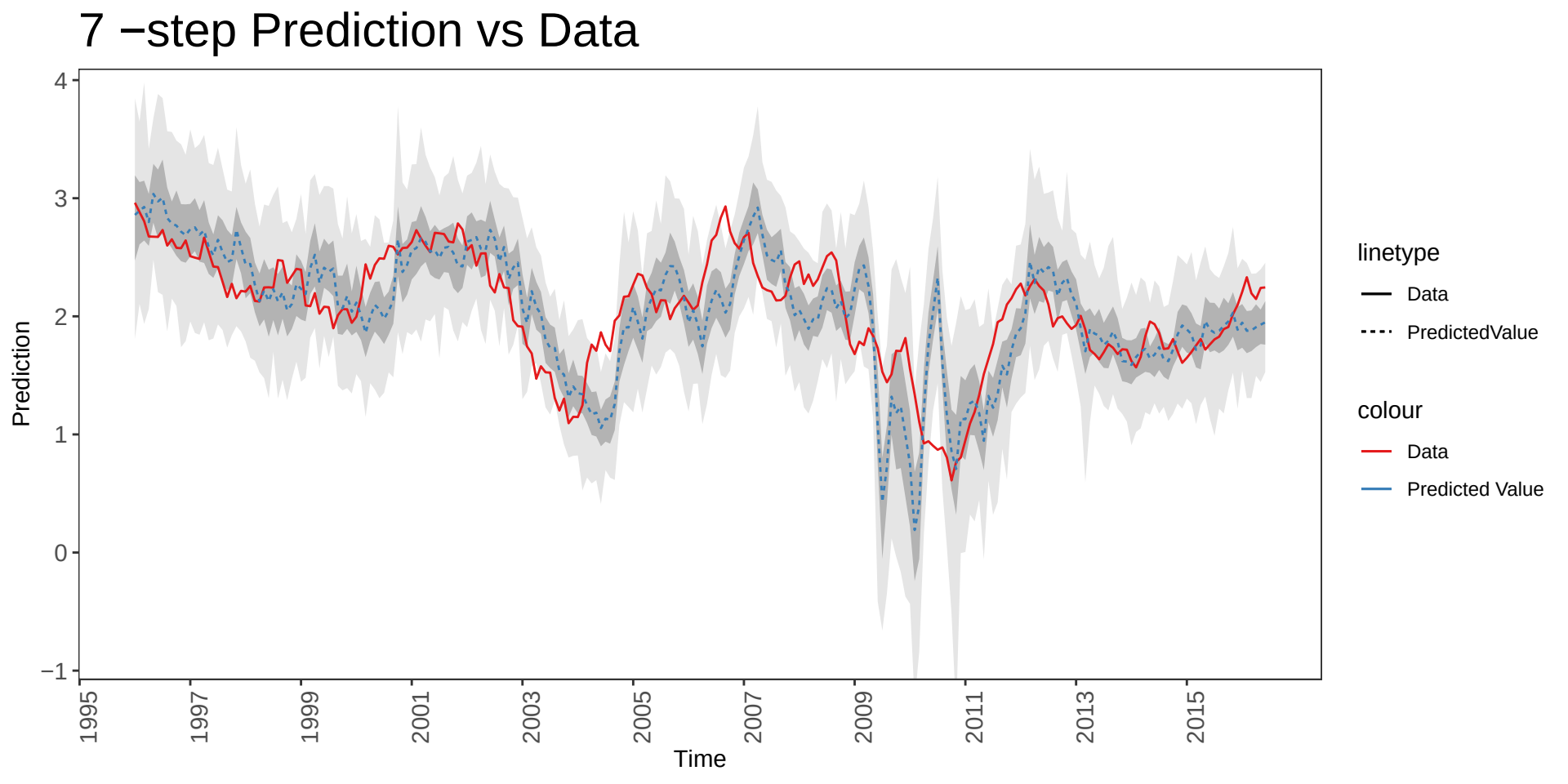
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


7 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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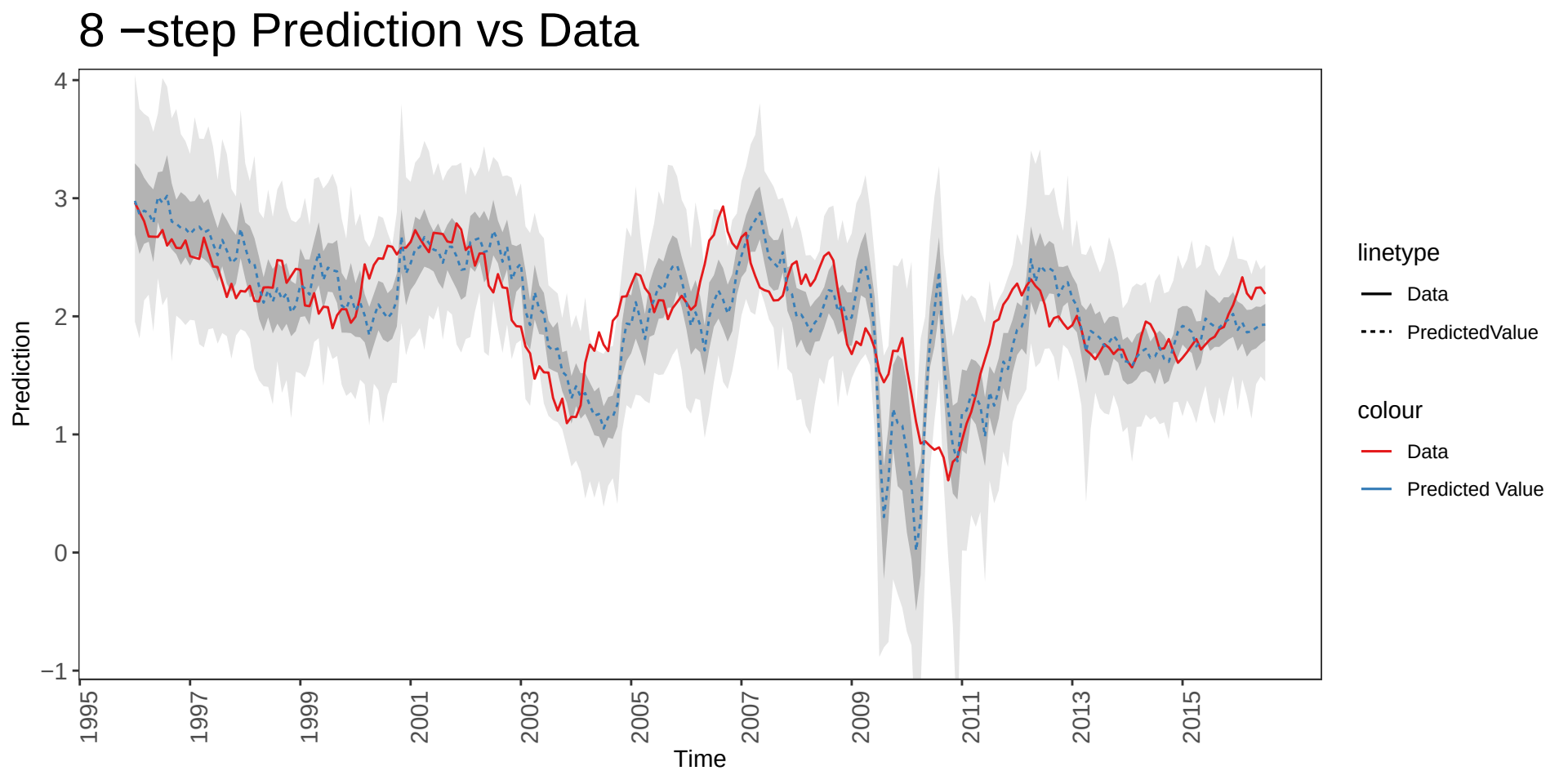
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


8 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
1995
1997
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2009
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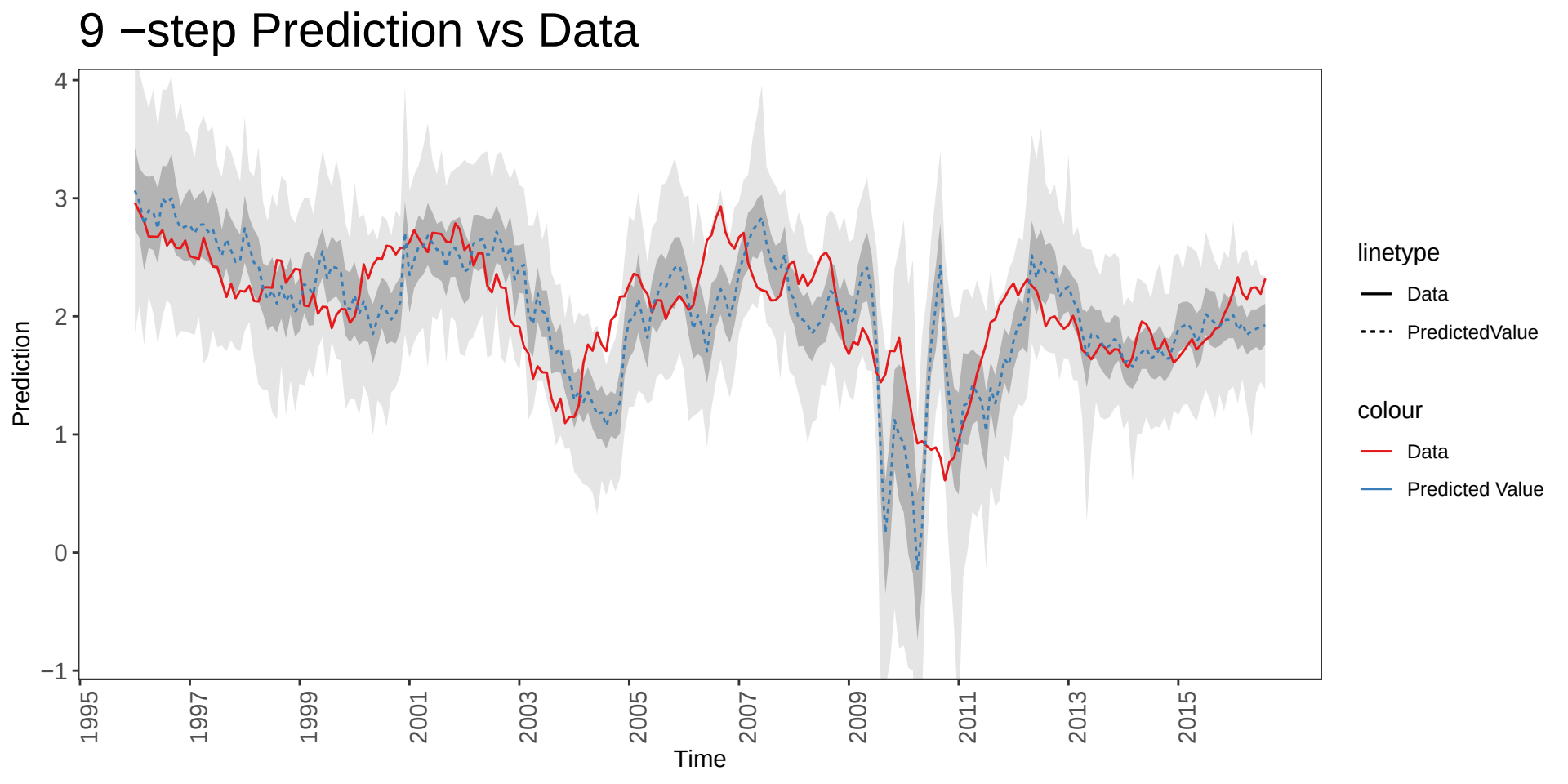
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


9 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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1997
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2007
2009
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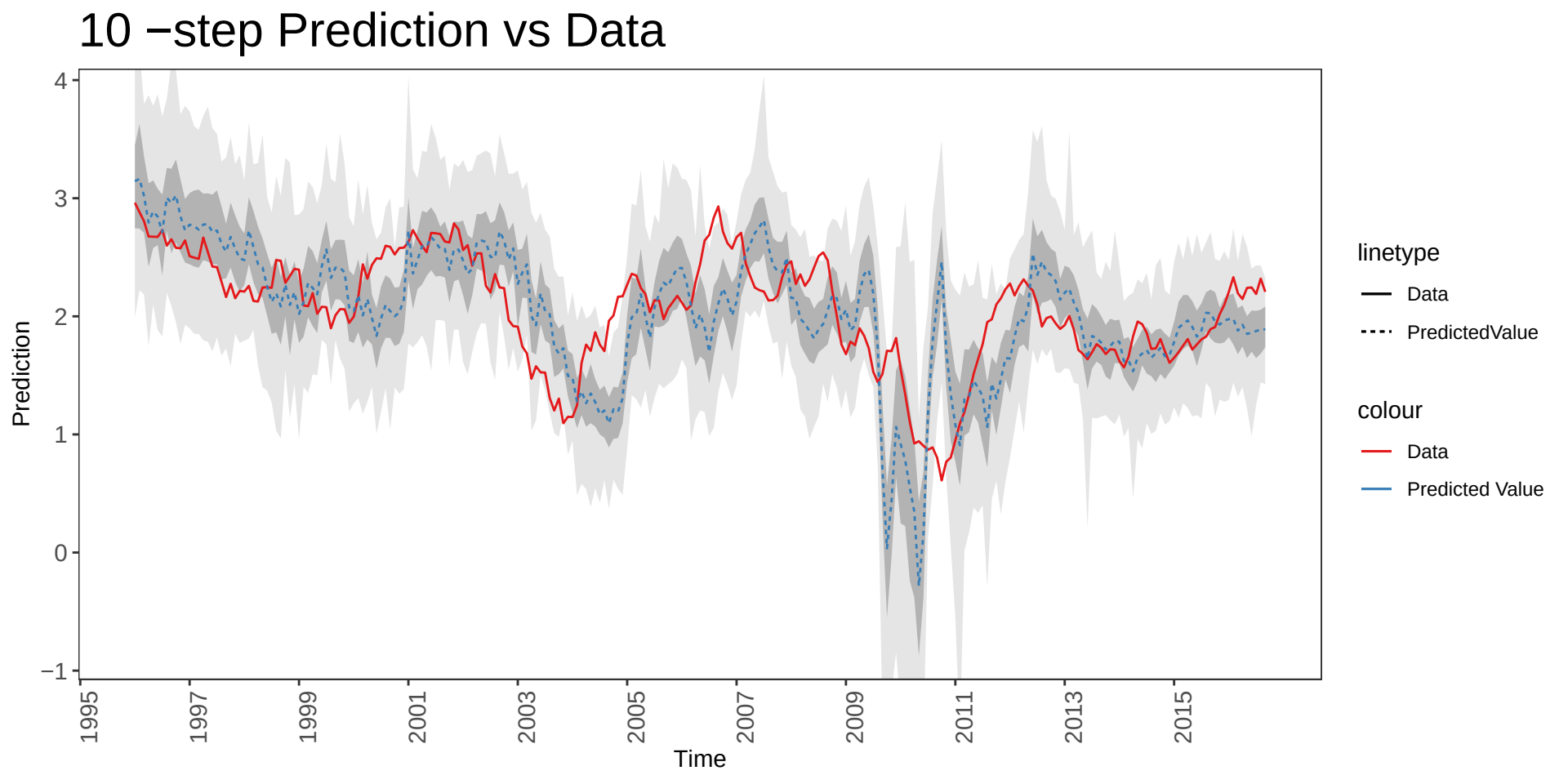
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value


10 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
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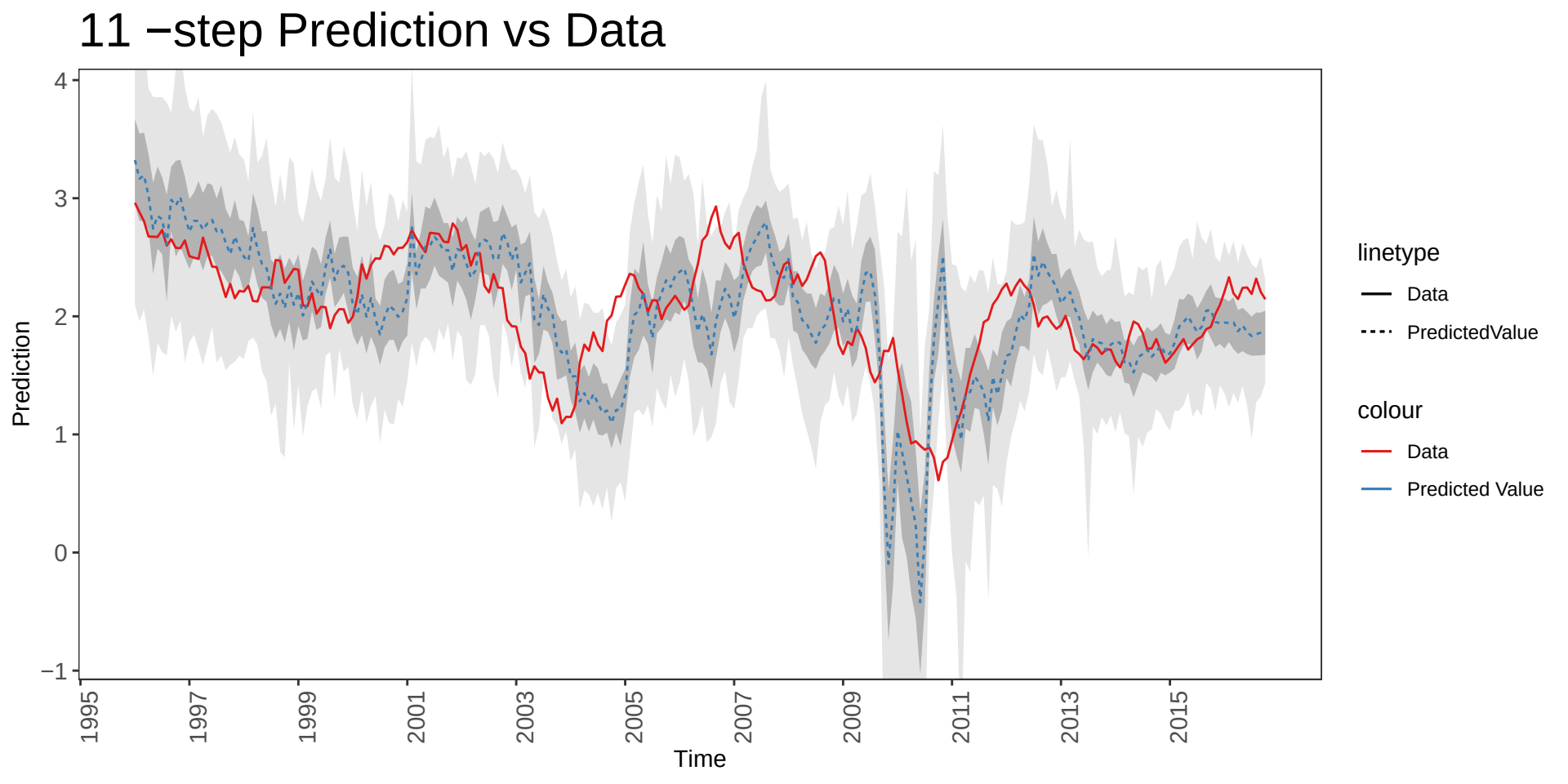
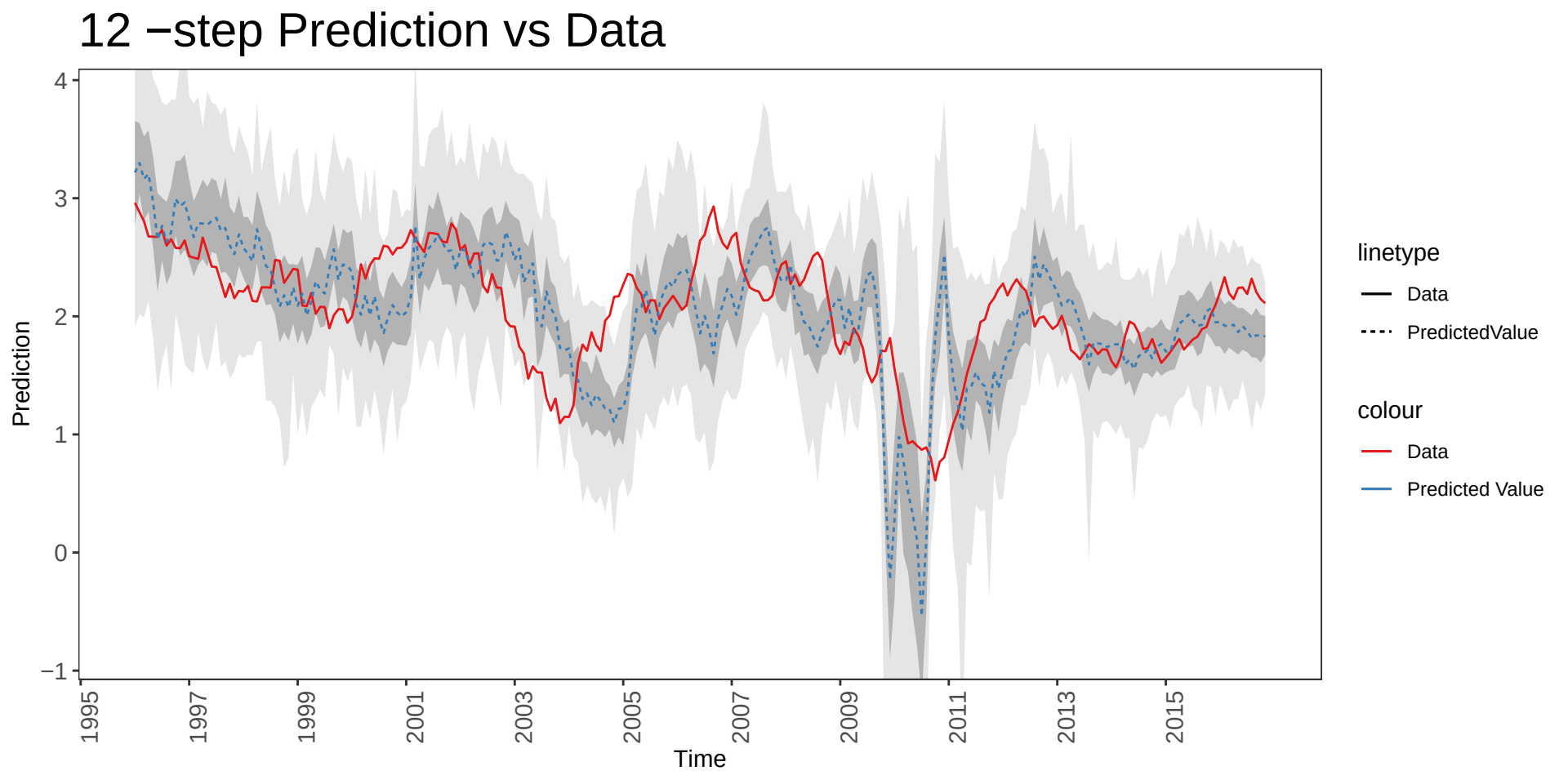
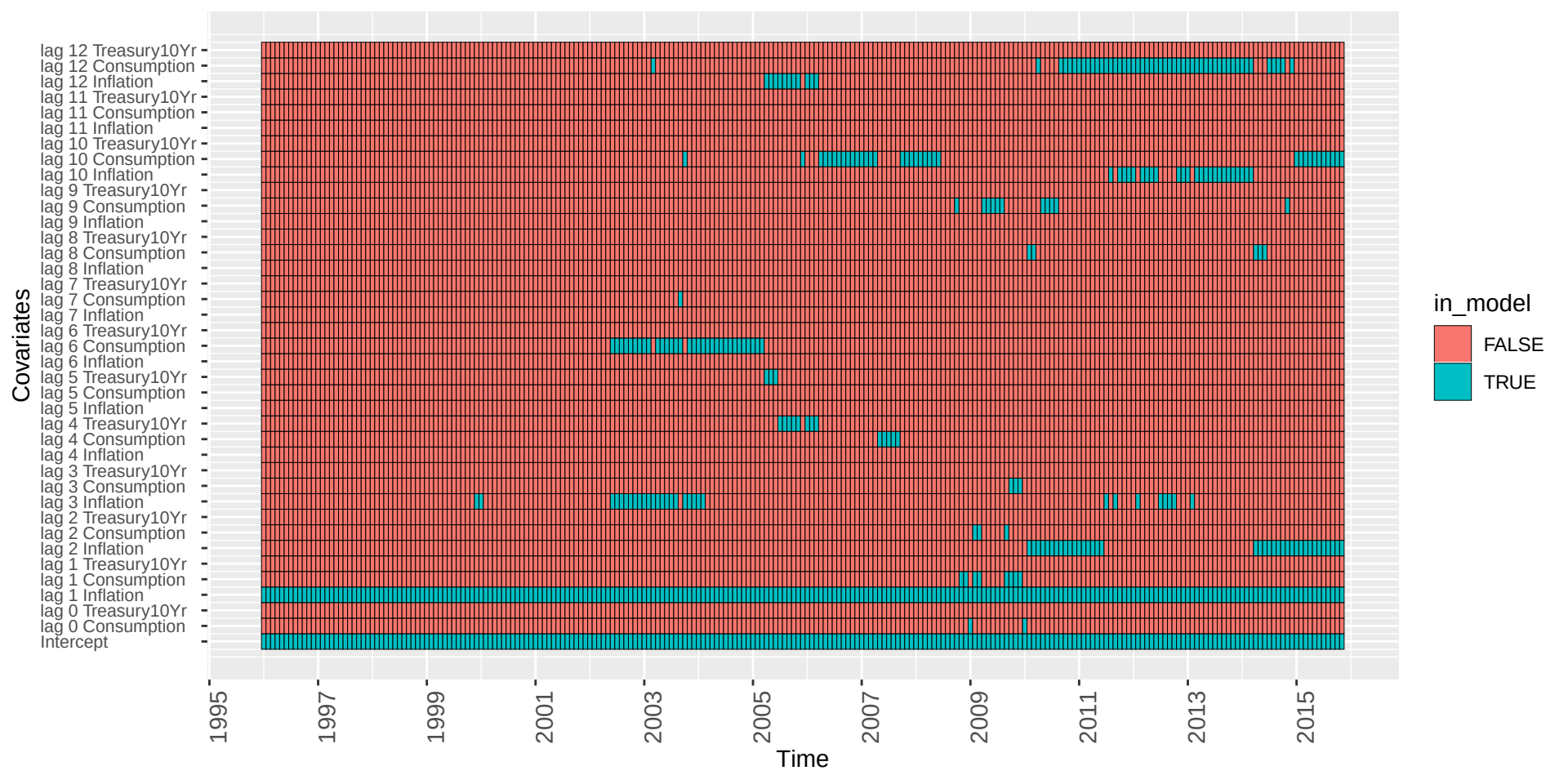
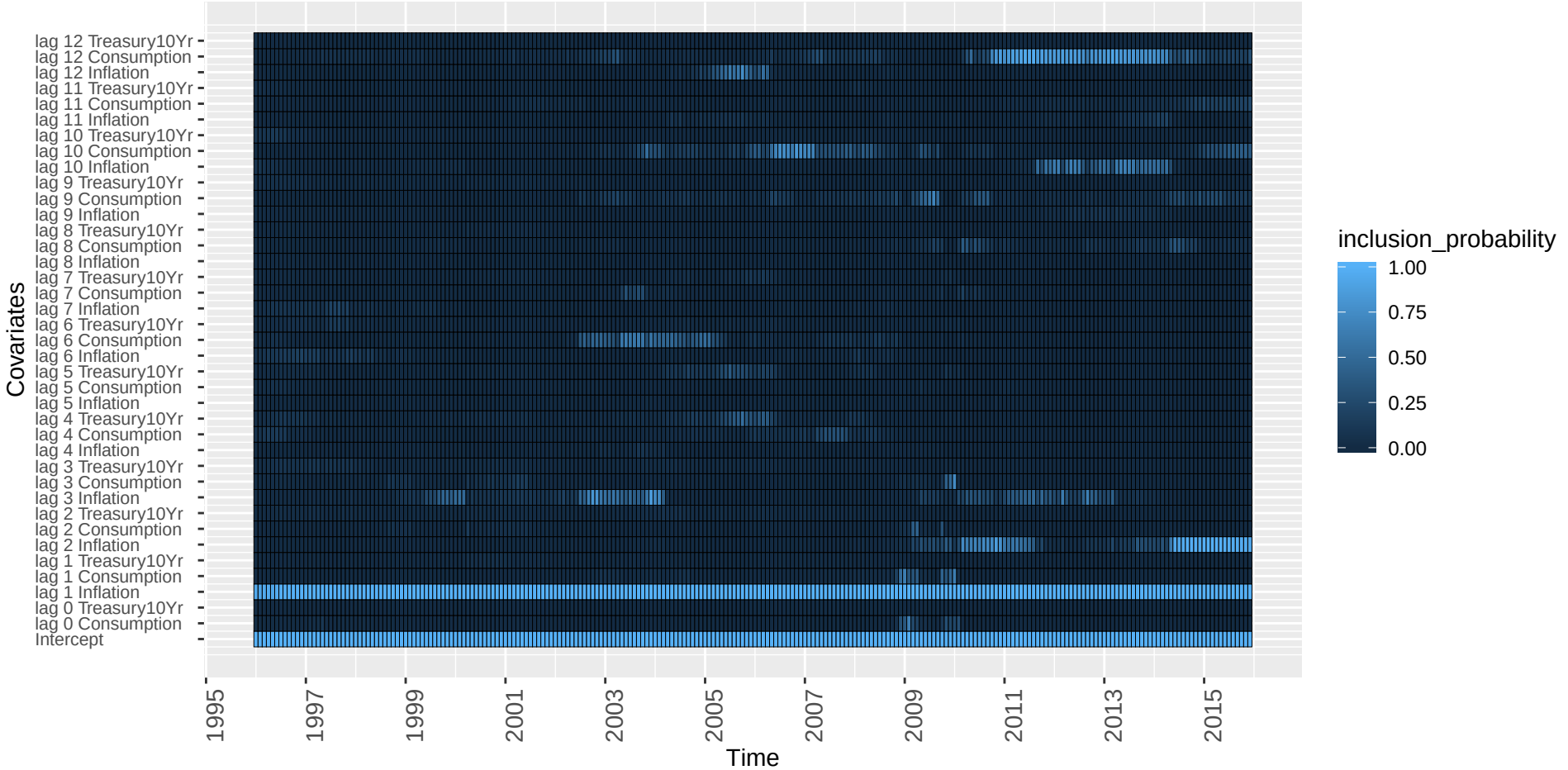
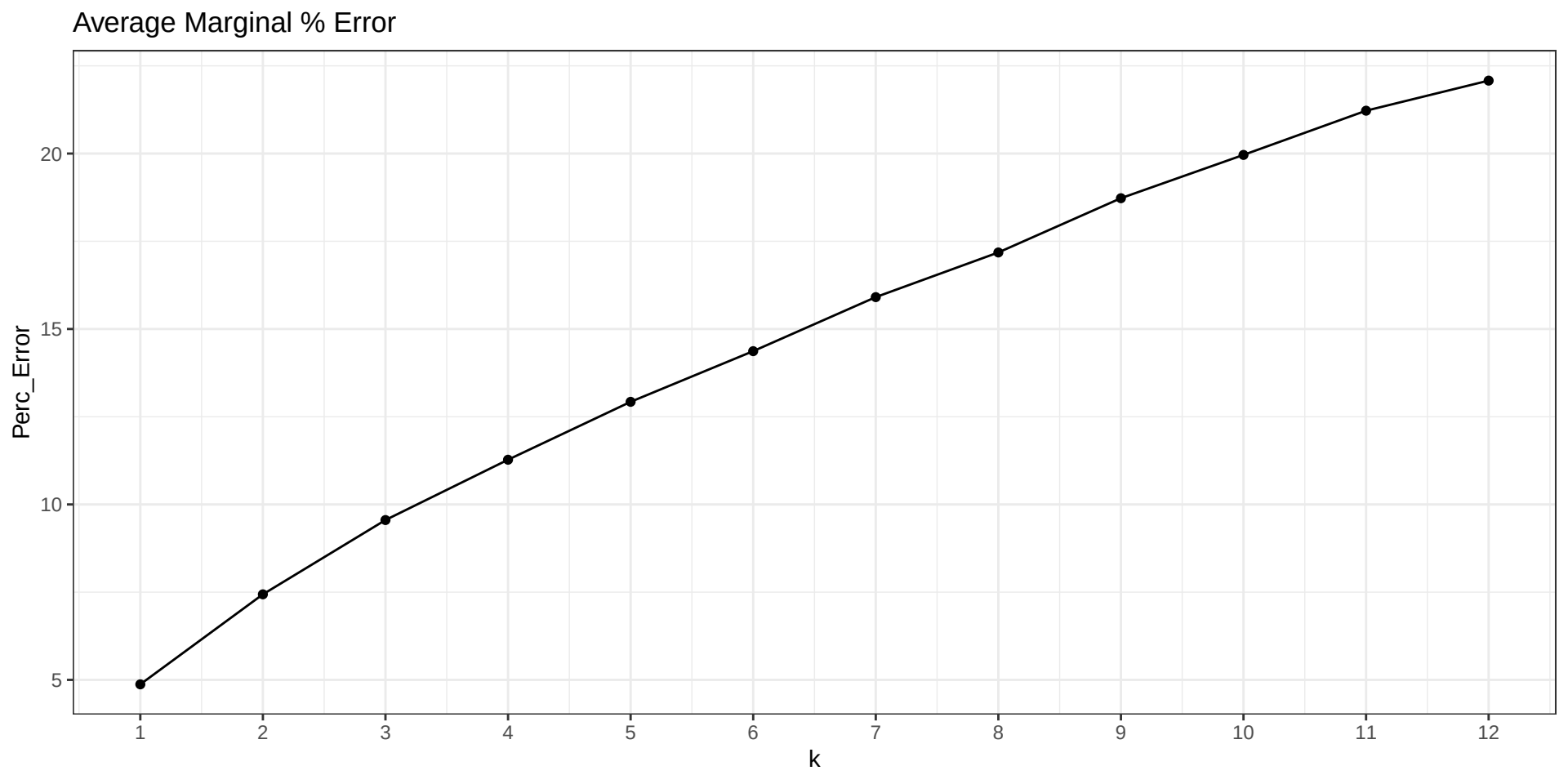
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value

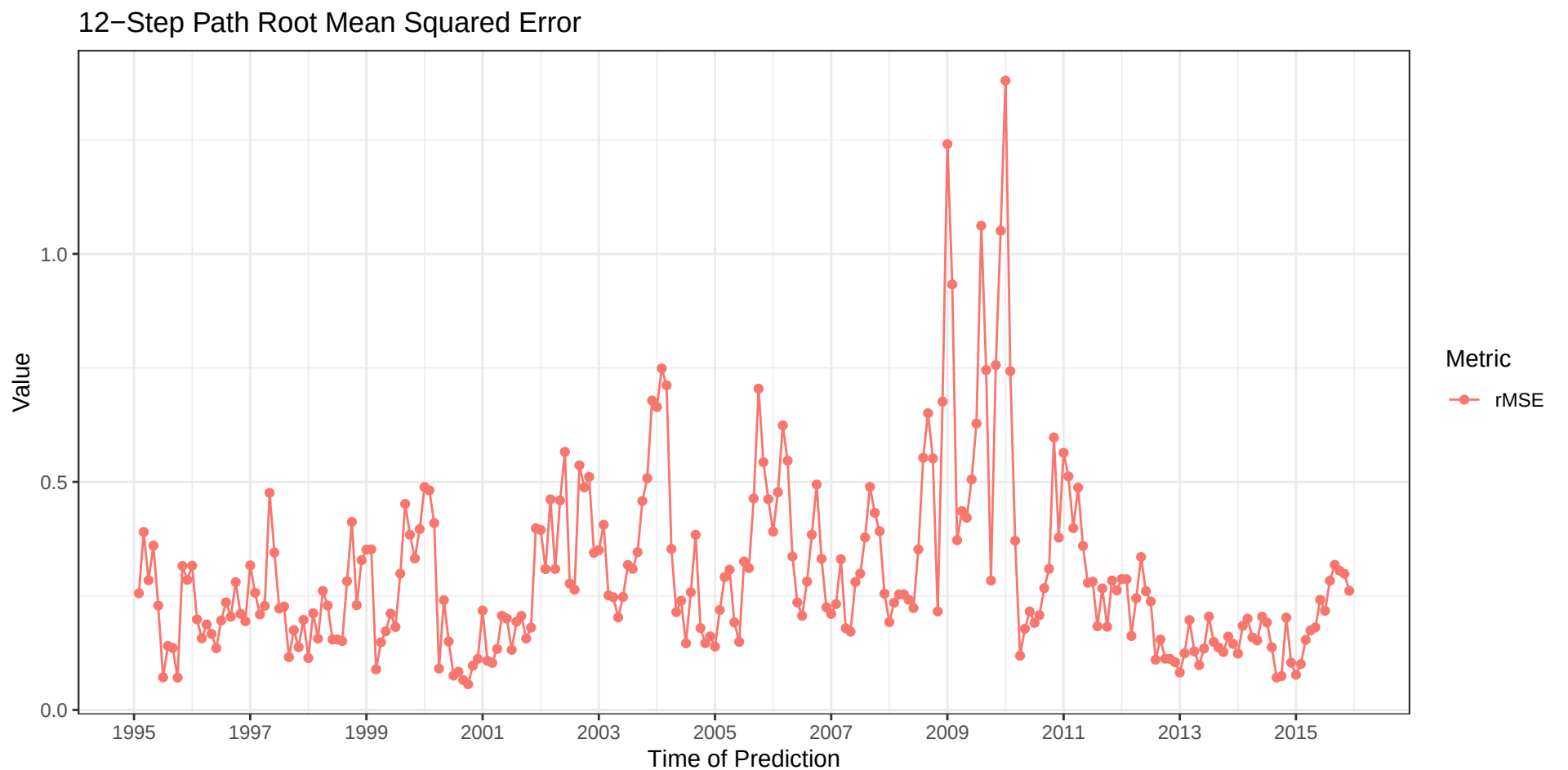

11 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value

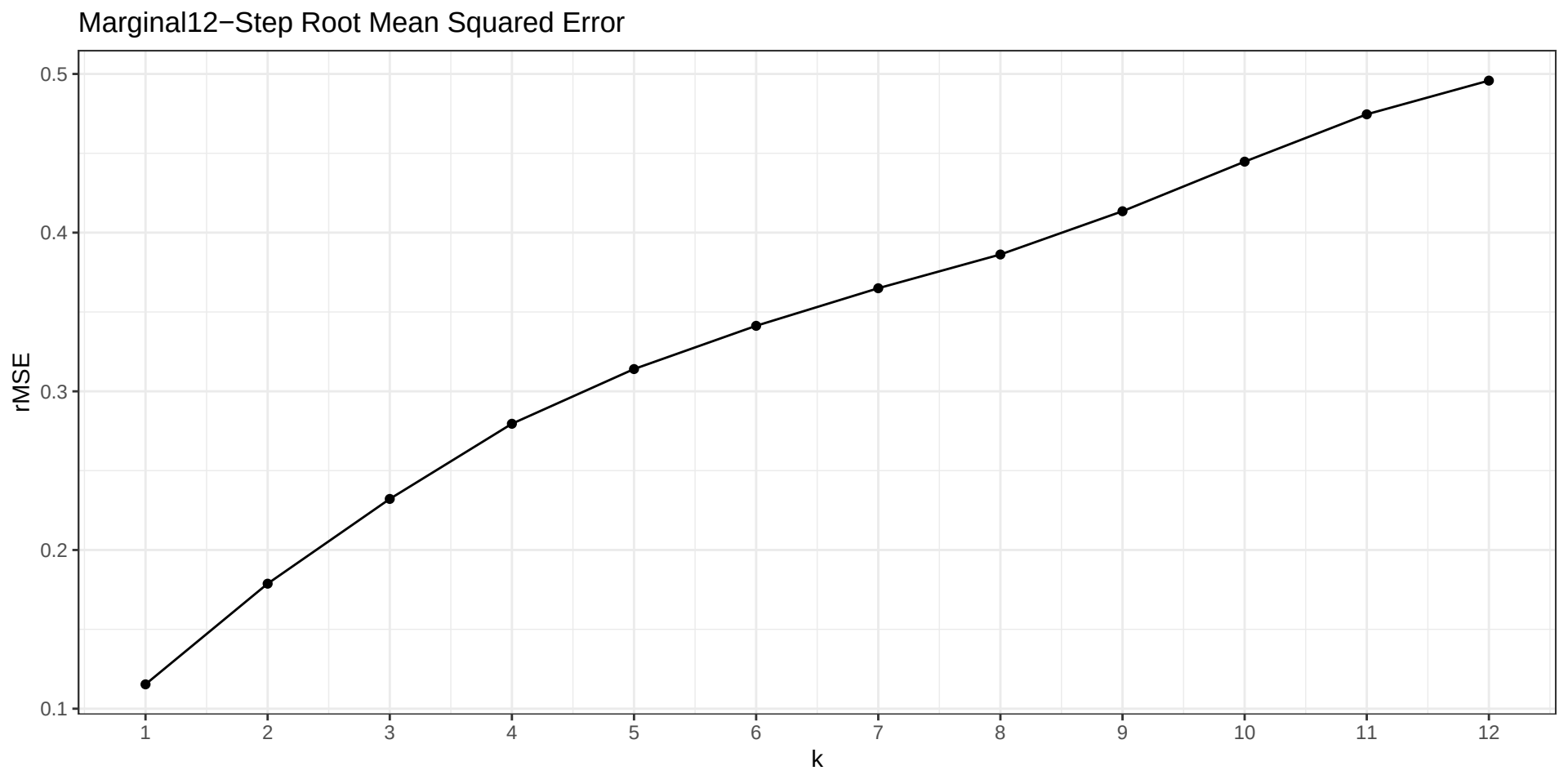

12 −step Prediction vs Data
Prediction
4
3
2
1
0
−1
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
linetype
Data
PredictedValue
colour
Data
Predicted Value

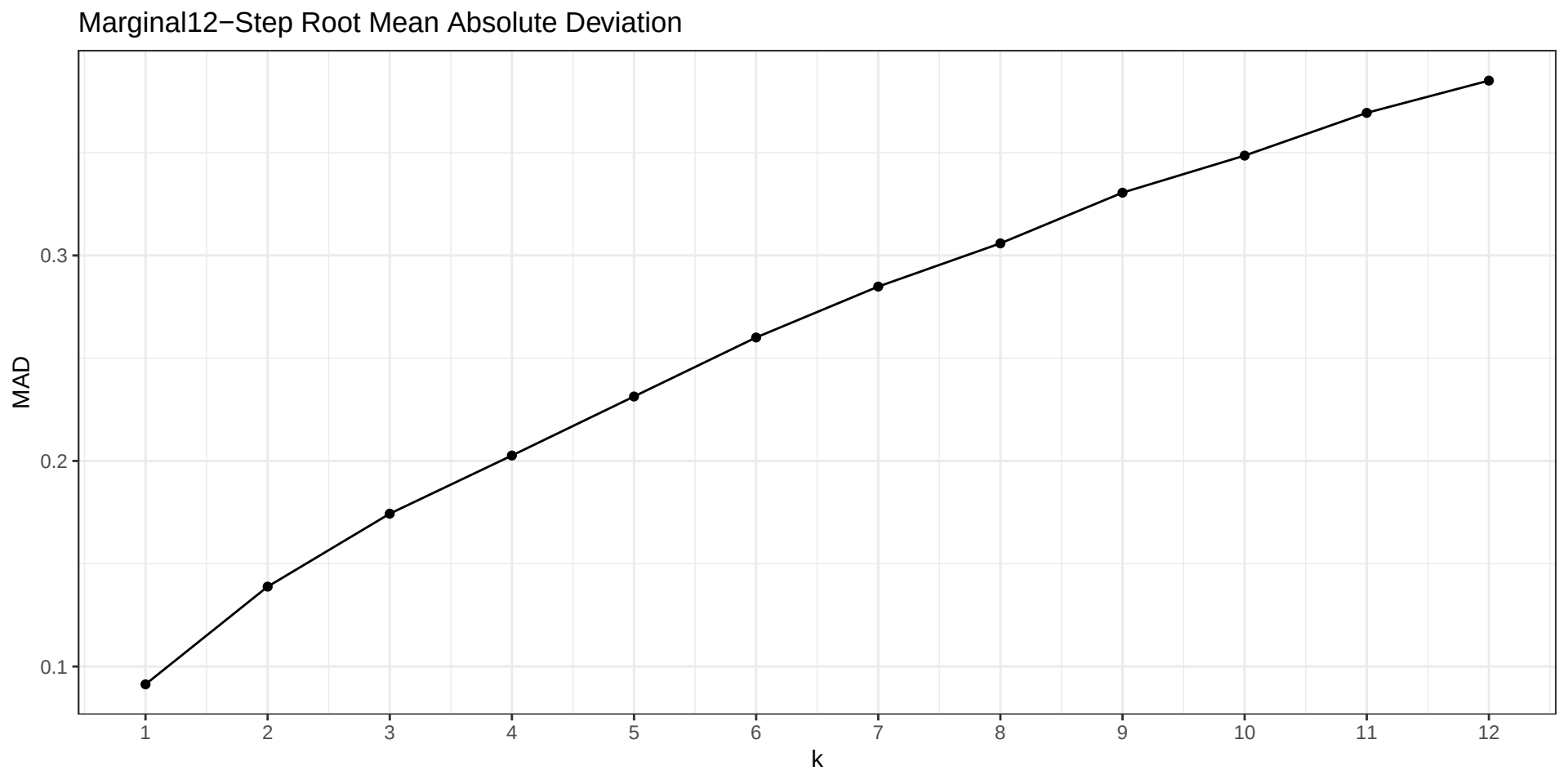

Covariates
lag 12 Treasury10Yr
lag 12 Consumption
lag 12 Inflation
lag 11 Treasury10Yr
lag 11 Consumption
lag 11 Inflation
lag 10 Treasury10Yr
lag 10 Consumption
lag 10 Inflation
lag 9 Treasury10Yr
lag 9 Consumption
lag 9 Inflation
lag 8 Treasury10Yr
lag 8 Consumption
lag 8 Inflation
lag 7 Treasury10Yr
lag 7 Consumption
lag 7 Inflation
lag 6 Treasury10Yr
lag 6 Consumption
lag 6 Inflation
lag 5 Treasury10Yr
lag 5 Consumption
lag 5 Inflation
lag 4 Treasury10Yr
lag 4 Consumption
lag 4 Inflation
lag 3 Treasury10Yr
lag 3 Consumption
lag 3 Inflation
lag 2 Treasury10Yr
lag 2 Consumption
lag 2 Inflation
lag 1 Treasury10Yr
lag 1 Consumption
lag 1 Inflation
lag 0 Treasury10Yr
lag 0 Consumption
Intercept
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
in_model
FALSE
TRUE


lag 12 Treasury10Yr
lag 12 Consumption
lag 12 Inflation
lag 11 Treasury10Yr
lag 11 Consumption
lag 11 Inflation
lag 10 Treasury10Yr
lag 10 Consumption
lag 10 Inflation
lag 9 Treasury10Yr
lag 9 Consumption
lag 9 Inflation
lag 8 Treasury10Yr
lag 8 Consumption
lag 8 Inflation
lag 7 Treasury10Yr
lag 7 Consumption
lag 7 Inflation
lag 6 Treasury10Yr
lag 6 Consumption
lag 6 Inflation
lag 5 Treasury10Yr
lag 5 Consumption
lag 5 Inflation
lag 4 Treasury10Yr
lag 4 Consumption
lag 4 Inflation
lag 3 Treasury10Yr
lag 3 Consumption
lag 3 Inflation
lag 2 Treasury10Yr
lag 2 Consumption
lag 2 Inflation
lag 1 Treasury10Yr
lag 1 Consumption
lag 1 Inflation
lag 0 Treasury10Yr
lag 0 Consumption
Intercept
Covariates
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time
inclusion_probability
1.00
0.75
0.50
0.25
0.00


Average Marginal % Error
Perc_Error
20
15
10
5
1
2
3
4
5
6
7
8
9
10
11
12
k


12−Step Path Root Mean Squared Error
Value
1.0
0.5
0.0
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
Time of Prediction
Metric
rMSE


Marginal12−Step Root Mean Squared Error
rMSE
0.5
0.4
0.3
0.2
0.1
1
2
3
4
5
6
7
8
9
10
11
12
k


Marginal12−Step Root Mean Absolute Deviation
MAD
0.1
0.2
0.3
1
2
3
4
5
6
7
8
9
10
11
12
k